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THE STANDARD FOR JOB ORDER CONTRACTING®

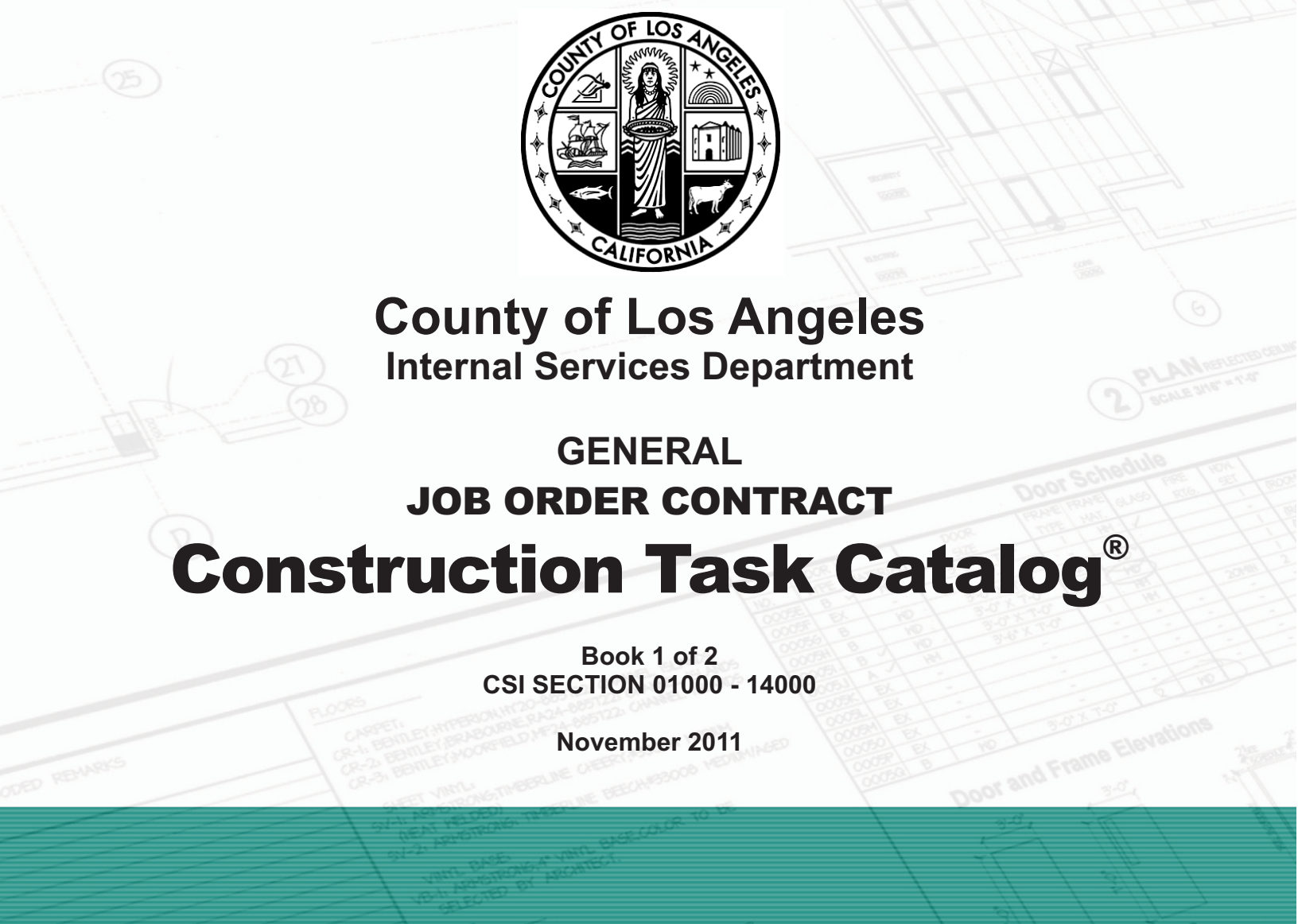


**County of Los Angeles
Internal Services Department**

**GENERAL
JOB ORDER CONTRACT
Construction Task Catalog®**

Book 1 of 2
CSI SECTION 01000 - 14000

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CTC Information:

- ☑ This Construction Task Catalog® was developed by The Gordian Group, Inc. specifically for **County of Los Angeles Internal Services Department**, and published in November 2011.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **County of Los Angeles Internal Services Department**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

The Unit Prices Include:**LABOR COSTS:**

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.
- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.
- ☑ Labor costs include time lost for normal work breaks, layout, measuring and cutting to fit, clean-up of regular construction debris, inspection, permit compliance, job meetings and start-up.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task including rigging and mobilization, except large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.) which exclude mobilization.

- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material being installed and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ Unit Prices include delivery, unloading and storing materials, tools and equipment on site; moving, materials, tools and equipment from storage area or truck up to 2 ½ stories (2 stories with an attic) and within 125' to reach the site.
- ☑ Unit prices exclude moving material and equipment greater than 2 ½ stories and handling material and equipment more than 125' (See 01660).
- ☑ Unit prices for imported materials (aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.

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- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the required items; clean-up of the area; and transferring down 2 ½ stories and within 125' of the site into a truck or dumpster for debris or to a designated area for owner requested items.
- ☑ Unit prices for demolition exclude costs for hauling (See 02119), dump fees (See 02119), dumpsters (See 01510), trash chutes (See 01510), and handling materials more than 2 ½ stories or more than 125' from the site (See 01660), unless the task description states otherwise.
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.

- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

The Adjustment Factors Include:

BUSINESS COSTS:

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
 - home office overhead
 - insurance, bonds, and indemnification
 - project meetings, training, management and supervision
 - mobilization and close-out for the contract and each Job Order and
 - project office staff and equipment.
- ☑ Profit.
- ☑ Subcontractor's overhead and profit.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

- Services required to obtain filings and permits.
- Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- Incidental engineering and architectural services.
- Office trailer and portable toilets for Contractor's use.
- Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- Personnel safety equipment (hard hats, ropes, harness, etc.) and basic safety signage, railings, minor barricades, tape, roping, cable, markings, cones, etc.
- Meeting Owner security requirements.
- Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- Removing and returning Owner's furniture and furnishings (chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- Protection of all surfaces including those not in the scope of work from construction dust, debris or damage during construction up until final acceptance. The methods of protection including plastic, paper, sealing doors or windows, etc. are the Contractor's responsibility.
- Daily clean-up.
- Final professional project clean-up.
- Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.

- Costs resulting from productivity loss.
- Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- Differences in project size; complexity and location.
- All costs for other than discreet items of work specifically required to complete a particular Job Order.

PRICE VARIATIONS:

- Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to verify the unit prices and to modify their Adjustment Factors accordingly.

GENERAL COSTS:

- This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- The only compensation to be paid to a Contractor for the unit price tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor
---------------------------------	----------	--	----------	--

- No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

ASSEMBLIES:

- ☑ Assembly unit prices take precedence over individual component pricing.

TESTING:

- ☑ Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

MISCELLANEOUS:

- ☑ For the purpose of quantity discounts, quantities are calculated on a per project basis. The quantity discount applies to the total quantity so determined.
- ☑ Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.
- ☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard.

Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

- Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680

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Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the site, unless otherwise directed by the Owner.

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

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

STANDARD GEOMETRY:**Circle**

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2)\text{height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius})\text{height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

 $\pi = 3.14159$ **United Inch**

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

TRADEMARKS

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01000 General Requirements

01200 Reimbursable Costs (01000)

01204 Reimbursable Fees (01200)

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

01204-0001	EA	Reimbursable Fees.....	1.00
<p>Note: Reimbursable Fees will be paid to the contractor for the actual cost of all permits, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The labor cost involved in obtaining all permits is in the Adjustment Factor. The base cost of the Reimbursable Fee is \$1.00. The quantity used will adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, each one shall be listed separately with a comment in the "note" block to identify the Reimbursable Fees (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be included with the Proposal.</p>			

01300 Administrative Requirements (01000)

01320 Construction Progress Documentation (01300)

01320-0001 Construction Photography (01320)

01320-0002 Photography (01320-0001)

Note: Excludes QC photographs. As requested by owner.

01320-0003	EA	3-1/2" x 5" Color Print Photograph.....	1.45
01320-0004	EA	4" x 6" Color Print Photograph.....	1.94
01320-0005	EA	5" x 7" Color Print Photograph.....	3.94
01320-0006	EA	8" x 10" Color Print Photograph.....	6.56

01350 Labor/Wage Rates (01000)

Note: For tasks not included in the Construction Task Catalog® and as directed by the Owner only.

01352 Wage Rates (01350)

Note: Wage rates include base rate, fringe and an allowance for payroll taxes, worker's compensation, unemployment insurance, etc.

01352-0001 Local Labor/Wage Rates (01352)

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

01352-0002	HR	Asbestos Removal Worker.....	59.72
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	2.99
		01MOD-0004 For Apprentice, Deduct	-11.94
01352-0003	HR	Insulator.....	60.70
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	3.04
		01MOD-0004 For Apprentice, Deduct	-12.14
01352-0004	HR	Boilermaker.....	80.68
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	4.03
		01MOD-0004 For Apprentice, Deduct	-16.14
01352-0005	HR	Brick Layer.....	62.20
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	3.11
		01MOD-0004 For Apprentice, Deduct	-12.44
01352-0006	HR	Carpenter.....	63.77
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	3.19
		01MOD-0004 For Apprentice, Deduct	-12.75
01352-0007	HR	Carpet, Linoleum.....	53.41
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	2.67
		01MOD-0004 For Apprentice, Deduct	-10.68
01352-0008	HR	Cement Mason.....	59.79
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	2.99
		01MOD-0004 For Apprentice, Deduct	-11.96
01352-0009	HR	Drywall Finisher.....	60.22
<p>Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.</p>			
		01MOD-0003 For Foreman, Add	3.01
		01MOD-0004 For Apprentice, Deduct	-12.04

01000 General Requirements**01350 Labor/Wage Rates****01352 Wage Rates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01352-0010	HR		Electrician	70.16	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.51	
			01MOD-0004 For Apprentice, Deduct	-14.03	
01352-0011	HR		Equipment Operator, Heavy (Crane)	73.05	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.65	
			01MOD-0004 For Apprentice, Deduct	-14.61	
01352-0012	HR		Equipment Operator, Medium (Bulldozer).....	72.68	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.63	
			01MOD-0004 For Apprentice, Deduct	-14.54	
01352-0013	HR		Equipment Operator, Light (Backhoe, Bobcat)	70.96	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.55	
			01MOD-0004 For Apprentice, Deduct	-14.19	
01352-0014	HR		Glazier	72.27	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.61	
			01MOD-0004 For Apprentice, Deduct	-14.45	
01352-0015	HR		Laborer	64.04	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01352-0016	HR		Lather.....	60.90	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.05	
			01MOD-0004 For Apprentice, Deduct	-12.18	
01352-0017	HR		Marble Setter	62.20	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.11	
			01MOD-0004 For Apprentice, Deduct	-12.44	
01352-0018	HR		Millwright.....	61.15	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.06	
			01MOD-0004 For Apprentice, Deduct	-12.23	
01352-0019	HR		Painter, Ordinary.....	50.26	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	2.51	
			01MOD-0004 For Apprentice, Deduct	-10.05	
01352-0020	HR		Painter, Structural Steel.....	62.39	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.12	
			01MOD-0004 For Apprentice, Deduct	-12.48	
01352-0021	HR		Paperhanger.....	50.26	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	2.51	
			01MOD-0004 For Apprentice, Deduct	-10.05	
01352-0022	HR		Pile Drivers	78.00	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.90	
			01MOD-0004 For Apprentice, Deduct	-15.60	
01352-0023	HR		Plasterer	61.05	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.05	
			01MOD-0004 For Apprentice, Deduct	-12.21	
01352-0024	HR		Plumber	66.77	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.34	
			01MOD-0004 For Apprentice, Deduct	-13.35	
01352-0025	HR		Powderman.....	63.46	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.17	
			01MOD-0004 For Apprentice, Deduct	-12.69	
01352-0026	HR		Rodman (Reinforcing)/Ornamental Steel Worker.....	74.07	
			Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
			01MOD-0003 For Foreman, Add	3.70	
			01MOD-0004 For Apprentice, Deduct	-14.81	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01352-0027 HR Roofer, Composite.....	67.87	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.39	
01MOD-0004 For Apprentice, Deduct	-13.57	
01352-0028 HR Roofer, Tile/Slate.....	67.41	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.37	
01MOD-0004 For Apprentice, Deduct	-13.48	
01352-0029 HR Sheet Metal Worker.....	74.74	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.74	
01MOD-0004 For Apprentice, Deduct	-14.95	
01352-0030 HR Sprinkler Installer.....	75.74	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.79	
01MOD-0004 For Apprentice, Deduct	-15.15	
01352-0031 HR Steam / Pipe Fitter.....	66.77	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.34	
01MOD-0004 For Apprentice, Deduct	-13.35	
01352-0032 HR Stone Mason.....	62.20	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.11	
01MOD-0004 For Apprentice, Deduct	-12.44	
01352-0033 HR Structural Steel Worker.....	78.56	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	3.93	
01MOD-0004 For Apprentice, Deduct	-15.71	
01352-0034 HR Tile Layer.....	56.28	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	2.81	
01MOD-0004 For Apprentice, Deduct	-11.26	
01352-0035 HR Terrazzo Finisher.....	53.91	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	2.70	
01MOD-0004 For Apprentice, Deduct	-10.78	
01352-0036 HR Truck Driver, Light.....	57.62	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	2.88	
01MOD-0004 For Apprentice, Deduct	-11.52	
01352-0037 HR Truck Driver, Heavy.....	57.83	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01MOD-0003 For Foreman, Add	2.89	
01MOD-0004 For Apprentice, Deduct	-11.57	
01352-0038 HR Class I Diver.....	149.19	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01352-0039 HR Class III Diver Tender.....	78.62	
Note: Tasks in the CTC include appropriate costs to cover labor. These tasks will be requested specifically by the owner for miscellaneous work not covered in the CTC.		
01352-0040 Rates For Services (01352)		
01352-0041 HR Watchman/Guard, Unarmed.....	14.12	
01352-0042 HR Watchman/Guard, Armed.....	20.69	
01352-0043 HR OSHA Testing.....	66.55	
01352-0044 HR Investigating Engineer Or Specialty Consultant.....	80.00	
Note: For special investigating requirements or services outside required architectural and engineering services.		
01352-0045 HR Investigating Senior Engineer Or Specialty Consultant.....	125.00	
Note: For special investigating requirements or services outside required architectural and engineering services.		
01352-0046 HR Industrial Hygienist.....	46.92	
01352-0047 HR On-site Material Testing Technician.....	49.50	
01352-0048 MI Mileage For Professional Services (Engineering, Surveying, Etcetera).....	0.56	
Note: For use only when the government orders the contractor to use personnel whose base of operations is outside of a 100 mile radius of the site (use only miles that exceed 100 mi)		
01352-0049 Rates For Traffic Control (01352)		
01352-0050 HR Flagperson For Traffic Control.....	64.04	

01400 Quality Requirements (01000)

01000 General Requirements**01400 Quality Requirements****01431 Testing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01431 Testing (01400)

Note: For application to existing materials / site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports. See CSI section 01352-0040 for when requiring Agency specifies use of Hygienist / Technician for sampling and/or performance of on-site testing.

01431-0001 Soils/Aggregate Testing (01431)**01431-0002 Soils Testing** (01431-0001)

01431-0003	EA	Plasticity Index Soils Test, ASTM D-4318.....	157.79
01431-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557.....	223.96
01431-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557.....	254.50
01431-0006	EA	Resistance (R) Value Soils Test, CA 301.....	203.60
01431-0007	SET	Cement Treated Base Laboratory Design, Soil Cement.....	610.63
01431-0008	EA	Moisture Content.....	22.90
01431-0009	EA	UBC Or Swell Test.....	80.22
01431-0010	EA	Proctor Compaction 4" Standard Mold ASTM D698.....	152.66
01431-0011	EA	Proctor Compaction 6" Standard Mold.....	190.82
01431-0012	EA	Density And Classification Test.....	61.06
01431-0013	EA	Percolation Test.....	152.66
01431-0014	EA	Infiltration Test.....	305.32

01431-0015 Laboratory Test For Soil Borings (01431-0001)

01431-0016	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318.....	70.08
01431-0017	EA	Shrinkage Limit.....	22.36
01431-0018	EA	Unconfined Compressive Strength of Cohesive Soils.....	53.90
01431-0019	EA	Consolidation.....	377.34
01431-0020	EA	Swell Test.....	74.54
01431-0021	EA	In-Place Density.....	16.17
01431-0022	EA	Moisture Content, ASTM D2216.....	10.05
01431-0023	EA	Hydrometer Analysis.....	129.71
01431-0024	EA	Specific Gravity, ASTM D854.....	45.23
01431-0025	EA	Partial Sieve Analysis.....	8.95
01431-0026	EA	Laboratory Permeability.....	447.26
01431-0027	EA	Sieve Analysis, ASTM D422.....	90.46
01431-0028	EA	Sulfate Soundness.....	111.81
01431-0029	EA	Los Angeles Abrasion.....	260.72
01431-0030	EA	California Bearing Ratio, ASTM D1883.....	229.05
01431-0031	EA	Compaction Test Subgrade.....	67.09
01431-0032	EA	Compaction Test Base Course.....	56.76
01431-0033	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938.....	22.36
01431-0034	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556.....	34.29

01431-0035 Aggregate Testing (01431-0001)

01431-0036	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	50.90
01431-0037	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	91.62
01431-0038	EA	Sieve Analysis, Pit Run, ASTM C136.....	99.23
		Note: Includes wash.	
01431-0039	EA	Specific Special Gravity, Course, ASTM C127.....	80.86
		Note: Includes absorption test.	
01431-0040	EA	Special Gravity, Fine, ASTM C127.....	72.51
		Note: Includes absorption test.	
01431-0041	EA	Aggregate Cleanness Value, ASTM C-128, CA 227.....	101.80
01431-0042	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....	76.35
01431-0043	EA	Fine Aggregate Durability Index, CA 229.....	81.44
01431-0044	EA	Sodium And Magnesium Soundness, ASTM C88.....	213.72
01431-0045	EA	Los Angeles Rattler, ASTM C-131, CA 211.....	162.88
01431-0046	EA	Unit Weight Of Aggregates, ASTM C29.....	45.81
01431-0047	EA	Organic Impurities In Sand, ASTM C40.....	45.80
01431-0048	EA	Crushed Particle, ASTM California Test Method.....	45.80
01431-0049	EA	Clay Lump And Friable Particles, ASTM C142.....	91.60
01431-0050	EA	Mortar Making Properties Of Fine Aggregates, ASTM C87.....	274.79

01431-0051 Granite Density Test (01431-0001)

01431-0052	EA	Granite Density Test.....	39.45
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01431-0053 Permeability Tests (01431-0001)**01431-0054 In-Place Tests** (01431-0053)

01431-0055	EA	Double Ring Infiltrometer Test, ASTM D3385.....	808.58
01431-0056	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test.....	38.16

01431-0057 Lab Tests (01431-0053)

01431-0058	EA	Falling Head Rigid Wall Consolidometer Technique CAE.....	377.34
01431-0059	EA	Falling Head Permeability Test EPA-9100.....	377.34
01431-0060	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432.....	215.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01431-0061	Concrete/Cement/Asphalt Testing <small>(01431)</small>	
01431-0062	Concrete Testing <small>(01431-0061)</small>	
01431-0063	EA 6 x 12 Cylinder Concrete Compression Test, ASTM C-39.....	32.34
01431-0064	EA Concrete Cylinder Molds 6 X 12, Single Use, Plastic, ASTM C470.....	2.32
01431-0065	EA Concrete Cylinder Stored And Cured (Hold Cylinders).....	30.54
01431-0066	EA Concrete Cores Compression Test, ASTM C-42.....	66.17
01431-0067	EA 6 x 6 x 18 Concrete Flexural Test, ASTM C-78.....	96.71
01431-0068	EA Unit Weight Of Concrete Cylinder, ASTM C-567.....	35.63
01431-0069	EA Concrete Mix Design Review.....	193.42
01431-0070	EA Trial Concrete Batch Prepared In Laboratory.....	458.10
01431-0071	EA Concrete Shrinkage, ASTM C-157 Modified.....	356.30
01431-0072	EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....	54.97
01431-0073	EA Concrete Slump Test, ASTM C143.....	25.45
01431-0074	EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231.....	25.45
01431-0075	EA Concrete Cylinder Pick-up, Up To 15 Miles.....	94.67
01431-0076	EA Production Of Shotcrete Panels, Four Cores And Compression Test.....	330.85
01431-0077	EA Coring Of Pre-construction Shotcrete Panel, Compression Test And Evaluation.....	738.05
01431-0078	Cement Testing <small>(01431-0061)</small>	
01431-0079	EA Cement Grab Sample (CCR Title 24)..... Note: Includes sealing and storing 1 year.	25.45
01431-0080	EA 2" x 2" x 2" Cube Compression Test, All Type Materials.....	40.72
01431-0081	Asphaltic Concrete Testing <small>(01431-0061)</small>	
01431-0082	EA Hveem Asphaltic Concrete Stability Test, CA 366.....	50.90
01431-0083	EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927.....	132.34
01431-0084	EA Stability Tests, Premixed, ASTM D1559.....	50.90
01431-0085	EA Stability Tests, Lab. Mixed, ASTM D1559.....	132.34
01431-0086	EA Swell Test, CA 305..... Note: Includes compaction.	61.08
01431-0087	EA % Asphalt Extraction Test, ASTM D-2172 B.....	152.70
01431-0088	EA Maximum Theoretical Unit Weight, ASTM C2041.....	97.03
01431-0089	EA Unit Weight Sample Requiring Compaction, California Test Method 308.....	20.36
01431-0090	EA Asphalt Unit Weight On Core Test, CA 308C.....	20.36
01431-0091	HR Nuclear Field Density Testing, 4 Hour Minimum.....	104.85
01431-0092	EA Film Stripping.....	68.70
01431-0093	EA Penetration, ASTM D5.....	73.54
01431-0094	Masonry/Block/Tile Testing <small>(01431)</small>	
01431-0095	Masonry Testing <small>(01431-0094)</small>	
01431-0096	EA 2" x 4" Cylinder Mortar Compression Test.....	33.59
01431-0097	EA 4" x 4" x 8" Grout Prisms Compression Test.....	33.59
01431-0098	EA Masonry Cores Compression Test.....	66.17
01431-0099	EA Composite Grouted Prism Compression Test.....	127.25
01431-0100	Block Testing (ASTM C140 Or CMA Per Specimen) <small>(01431-0094)</small>	
01431-0101	EA Up To 8" x 8" x 16" Block Compression Test, ASTM C-140.....	81.44
01431-0102	EA Compression Test, Larger Than 8 X 8 X 16.....	81.44
01431-0103	EA Absorption Test, Moisture Content And Unit Weight.....	55.99
01431-0104	EA Linear Shrinkage, (CMA Rapid Method).....	122.13
01431-0105	EA Tensile Test, (CMA Method).....	122.13
01431-0106	EA Moisture Condition By Relative Humidity, ASTM C427, First Unit.....	213.72
01431-0107	EA Moisture Condition By Relative Humidity, ASTM C427, Additional Unit.....	106.86
01431-0108	EA Efflorescence, Block Only.....	45.80
01431-0109	EA Efflorescence, Block And Mortar.....	61.06
01431-0110	Brick Testing (ASTM C67 Per Specimen) <small>(01431-0094)</small>	
01431-0111	EA Brick Modulus Of Rupture, ASTM C-67.....	61.08
01431-0112	EA Brick Compression Test, ASTM C-167.....	50.90
01431-0113	EA Masonry Saturation Coefficient, ASTM C-67..... Note: Includes absorption test.	55.99
01431-0114	EA Efflorescence.....	23.25
01431-0115	EA Boil.....	20.36
01431-0116	Metals Testing <small>(01431)</small>	
01431-0117	Steel, Aluminum And Plastic Testing <small>(01431-0116)</small>	
01431-0118	EA #9 - #11 Reinforcing Steel Tensile Test.....	61.08
01431-0119	EA #14 Reinforcing Steel Tensile Test.....	76.35
01431-0120	EA Reinforcing Steel, Bend Tests, #11 Bar Or Smaller.....	33.42
01431-0121	EA Welded Specimens, Tensile Tests #11 Bars And Smaller.....	46.80

01000 General Requirements**01400 Quality Requirements****01431 Testing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01431-0122 EA Prestress Cable, 7 Wire, ASTM A416.....	106.86	
01431-0123 EA Prestress Wire, 1/2" Maximum, ASTM A421	61.06	
01431-0124 EA Structural Steel, Tensile Test, Up To 200,000#	45.80	
01431-0125 EA Structural Steel, Bend Test	30.53	
01431-0126 EA Structural Steel, Pipe Flattening Test.....	27.48	
01431-0127 HR Mechanical Tests, Modulus Of Elasticity.....	114.49	
01431-0128 EA Mechanical Tests, Nick Break Test Re-bar Only.....	45.80	
01431-0129 EA Mechanical Tests, Hardness Test.....	38.16	
01431-0130 Welding Procedures <small>(01431-0116)</small>		
01431-0131 EA Limited Thickness Plate, Per Position, (AWS D1.1).....	190.82	
01431-0132 EA Unlimited Thickness Plate, Per Position, (AWS D1.1)	228.99	
01431-0133 EA Pipe, Per Position, (AWS D1.1)	228.99	
01431-0134 EA Bar Sizes #3 Through #9, (AWS D1.4)	106.76	
01431-0135 EA Bar Sizes #10 And #11, (AWS D1.4)	183.19	
01431-0136 EA Bar Sizes #14 And #18, (AWS D1.4)	228.99	
01431-0137 EA ASME Plate Or Pipe	228.99	

01500 Construction Facilities And Temporary Construction (01000)**01510 Temporary Facilities** (01500)

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

01510-0001 Chutes (01510)

Note: Not for use with any other task when less than 2-1/2 stories.

01510-0002 Steel Temporary Chutes (01510-0001)

01510-0003 LF 18" Diameter Circular Prefabricated Steel, Remove After Use	20.46
01510-0004 LF 30" Diameter Circular Prefabricated Steel, Remove After Use	30.86

01510-0005 Plastic Temporary Chutes (01510-0001)

01510-0006 LF Temporary Trash Chutes, Plastic, Round With Chain Connection, Re-Useable.....	8.10
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01510-0007 Wood Temporary Chutes (01510-0001)

01510-0008 LF Temporary Plywood Trash Chutes, 4' Base With 4' Sides.....	15.77
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Note: Includes fabrication and installation.

01510-0009 Construction Dumpsters Rental (01510)

Note: Includes delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up.

01510-0010 EA 6 CY Dumpster (1 Ton) "Construction Debris"	282.80
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
01MOD-0005 For Each Ton Over Capacity, Add	57.60
01510-0011 EA 10 CY Dumpster (1.5 Ton) "Construction Debris"	324.13
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
01MOD-0005 For Each Ton Over Capacity, Add	57.60
01510-0012 EA 15 CY Dumpster (2 Ton) "Construction Debris"	350.22
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
01MOD-0005 For Each Ton Over Capacity, Add	57.60
01510-0013 EA 20 CY Dumpster (3 Ton) "Construction Debris"	417.50
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
01MOD-0005 For Each Ton Over Capacity, Add	57.60
01510-0014 EA 30 CY Dumpster (4 Ton) "Construction Debris"	484.80
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
01MOD-0005 For Each Ton Over Capacity, Add	57.60
01510-0015 EA 40 CY Dumpster (5 Ton) "Construction Debris"	552.09
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
01MOD-0005 For Each Ton Over Capacity, Add	57.60

01520 Construction Facilities (01500)

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

01520-0001 Portable Toilets (01520)

Note: Includes delivery, set-up, servicing once per week and removal.

01520-0002 WK Portable Toilets, Chemical.....	31.66
01MOD-0006 For Each Additional Servicing Per Unit Per Week, Add	25.00
01520-0003 MO Portable Toilets, Chemical.....	94.99
01MOD-0006 For Each Additional Servicing Per Unit Per Week, Add	25.00
01520-0004 WK ADA Portable Toilets, Chemical.....	37.77
01MOD-0006 For Each Additional Servicing Per Unit Per Week, Add	25.00
01520-0005 MO ADA Portable Toilets, Chemical.....	110.82
01MOD-0006 For Each Additional Servicing Per Unit Per Week, Add	25.00

01520-0006 Field Offices (01520)

Note: Excludes furniture, utility connections and service. Minimum 6 months rental.



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01520-0007	MO 8' x 24' Office, With Toilet	194.61	
	01MOD-0007 For Each Delivery And Set-Up (Block And Level), Add	581.06	
	01MOD-0008 For Each Knock-Down And Pick-Up, Add	471.06	
	01MOD-0013 For Each Anchoring Into Dirt, Add	60.00	
	01MOD-0014 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
01520-0008	MO 8' x 32' Office, With Toilet	223.86	
	01MOD-0007 For Each Delivery And Set-Up (Block And Level), Add	581.06	
	01MOD-0008 For Each Knock-Down And Pick-Up, Add	471.06	
	01MOD-0013 For Each Anchoring Into Dirt, Add	60.00	
	01MOD-0014 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
01520-0009	MO 12' x 45' Office, With Toilet	335.40	
	01MOD-0009 For Each Delivery And Set-Up (Block And Level), Add	1,167.11	
	01MOD-0010 For Each Knock-Down And Pick-Up, Add	887.11	
	01MOD-0013 For Each Anchoring Into Dirt, Add	60.00	
	01MOD-0014 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
01520-0010	MO 12' x 60' Office, With Toilet	468.00	
	01MOD-0009 For Each Delivery And Set-Up (Block And Level), Add	1,167.11	
	01MOD-0010 For Each Knock-Down And Pick-Up, Add	887.11	
	01MOD-0013 For Each Anchoring Into Dirt, Add	60.00	
	01MOD-0014 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
01520-0011	MO 24' x 72' Office, With Toilet	833.62	
	01MOD-0011 For Each Delivery And Set-Up (Block And Level), Add	2,577.25	
	01MOD-0012 For Each Knock-Down And Pick-Up, Add	1,927.25	
	01MOD-0013 For Each Anchoring Into Dirt, Add	60.00	
	01MOD-0014 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
01520-0012	MO 30' x 30' Office, With Toilet	580.12	
	01MOD-0011 For Each Delivery And Set-Up (Block And Level), Add	2,577.25	
	01MOD-0012 For Each Knock-Down And Pick-Up, Add	1,927.25	
	01MOD-0013 For Each Anchoring Into Dirt, Add	60.00	
	01MOD-0014 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
01520-0013	Office Accessories <small>(01520)</small>		
	Note: Costs includes installation or placement in trailer.		
01520-0014	MO Desk	26.26	
01520-0015	MO Desk Chair, Rolling	16.41	
01520-0016	MO File Cabinet	19.70	
01520-0017	MO Table	13.13	
01520-0018	MO Folding Chair	6.22	
01520-0019	EA Phone Hook-Up	72.22	
01520-0020	MO Local Phone Service Per Phone Line	45.96	
01520-0021	MO Security Monitor System With Monitoring	80.00	
01520-0022	LF Trailer Skirting Around Perimeter Of Trailer	23.72	
01520-0023	LF Trailer Skirting Around Perimeter Of Trailer (Insulated)	43.12	
01520-0024	MO Steps	53.90	
01520-0025	MO Fax Machine	32.83	
01520-0026	MO Copier	52.52	
01520-0027	Storage Containers <small>(01520)</small>		
01520-0028	MO 8' x 8' x 10' Storage Container	70.00	
	01MOD-0015 For Delivery, Each Way, Add	65.00	
01520-0029	MO 8' x 8' x 20' Storage Container	100.00	
	01MOD-0016 For Delivery, Each Way, Add	85.00	
01520-0030	MO 8' x 8' x 40' Storage Container	225.00	
	01MOD-0016 For Delivery, Each Way, Add	85.00	
01540	Construction Aids <small>(01500)</small>		
01540-0001	Scaffolding <small>(01540)</small>		
	Note: Additional scaffolding rental for work above the normal working height of 14'. See CSI section 04205-0000 for masonry scaffolding.		
01540-0002	Scaffolding Rental - Material Only <small>(01540-0001)</small>		
	Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01540-0006 for scaffolding erection and dismantling.		
01540-0003	CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide x 7' Long Sections (CCF / Month)	12.50	
	01MOD-0017 For Up To 25, Add	5.00	
	01MOD-0018 For > 25 To 50, Add	3.13	
	01MOD-0019 For > 50 To 150, Add	1.25	
01540-0004	CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide x 7' Long Sections (CCF / Month)	14.06	
	01MOD-0017 For Up To 25, Add	5.62	
	01MOD-0018 For > 25 To 50, Add	3.52	
	01MOD-0019 For > 50 To 150, Add	1.41	
01540-0005	CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide x 7' Long Sections (CCF / Month)	18.75	
	01MOD-0017 For Up To 25, Add	7.50	
	01MOD-0018 For > 25 To 50, Add	4.69	
	01MOD-0019 For > 50 To 150, Add	1.88	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01540-0006	Scaffolding Erection And Dismantling - Labor Only <small>(01540-0001)</small>	
	Note: Cost includes both erection and dismantling of scaffolding. The unit of measure is the volume of scaffolding erected. See CSI section 01540-0002 for scaffolding rental.	
01540-0007	CCF Up To 20' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories	32.21
	Note: Includes both erection and dismantling of scaffolding.	
01540-0008	CCF > 20' To 40' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories	40.28
	Note: Includes both erection and dismantling of scaffolding.	
01540-0009	CCF > 40' To 60' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories	48.33
	Note: Includes both erection and dismantling of scaffolding.	
01540-0010	CCF > 60' To 80' Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories.....	53.16
	Note: Includes both erection and dismantling of scaffolding.	
01540-0011	CCF > 80' Height Scaffolding Erection And Dismantling, Per CCF Of Scaffolding And Accessories.....	61.22
	Note: Includes both erection and dismantling of scaffolding.	
01540-0012	Rolling Scaffolding <small>(01540)</small>	
	Note: Includes moving to perform task. No additional cost for relocating will be allowed.	
01540-0013	DAY Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	9.53
01540-0014	WK Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	38.19
01540-0015	MO Rolling Scaffolding 14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	152.73
01540-0016	DAY Rolling Scaffolding 21' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	15.95
01540-0017	WK Rolling Scaffolding 21' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	63.89
01540-0018	MO Rolling Scaffolding 21' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section).....	255.60
01540-0019	EA Rolling Scaffolding Erection And Dismantling - Height Up To 20'	80.43
	Note: Includes both erection and dismantling of scaffolding. Used to set-up scaffolding and dismantle for return, per rolling scaffold per job.	
01540-0020	EA Rolling Scaffolding Erection And Dismantling - Height 21' To 40'	100.54
	Note: Includes both erection and dismantling of scaffolding. Used to set-up scaffolding and dismantle for return, per rolling scaffold per job.	
01540-0021	Swing Stage <small>(01540)</small>	
	Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.	
01540-0022	MO Swing Stage, Electric Operated	1,672.46
01540-0023	MO Swing Stage, Manually Operated, With Ropes, Winch, Support Hooks, Etcetera	497.59
01540-0024	EA Swing Stage Erection And Dismantling.....	373.09
	Note: Includes both erection and dismantling of swing stage.	
01540-0025	EA Move Swing Stage To Different Roof At Same Site.....	175.69
01540-0026	EA Move Swing Stage To Different Location At Same Roof.....	81.09
01540-0027	Sidewalk Protection <small>(01540)</small>	
01540-0028	Sidewalk Bridge <small>(01540-0027)</small>	
01540-0029	Installation of Sidewalk Bridge <small>(01540-0028)</small>	
01540-0030	LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge.....	54.77
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting, Up to 8' Wide, Up To 8' High, 2 Post System	
	01MOD-0073 For 3 Post System, Add	6.00
	01MOD-0074 For Each Additional Foot Over 8' Wide, Add	3.00
	01MOD-0075 For Each Additional Foot Over 8' High, Add	2.00
01540-0031	LF Installation of Netting for Sidewalk Bridge.....	2.63
01540-0032	Monthly Rental of Sidewalk Bridge <small>(01540-0028)</small>	
01540-0033	LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge	4.92
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	0.74
01540-0034	LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge	5.54
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	0.83
01540-0035	LF Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge	6.15
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	0.92
01540-0036	LF Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge	6.15
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	0.92
01540-0037	LF Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge.....	6.77
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	1.02
01540-0038	LF Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge	8.00
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	1.20
01540-0039	LF Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge	7.38
	Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	
	01MOD-0076 For 3 Post System, Add	1.11



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01540-0040	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	8.61	
		<i>01MOD-0076 For 3 Post System, Add</i>	1.29	
01540-0041	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting And Maintenance	9.23	
		<i>01MOD-0076 For 3 Post System, Add</i>	1.38	
01540-0042	LF	Monthly Rental of Netting for Sidewalk Bridge	0.92	
01540-0043		Removal of Sidewalk Bridge <i>(01540-0028)</i>		
01540-0044	LF	Removal of Heavy Duty Steel Post And Beam Sidewalk Bridge Note: Assembly Includes Spanning Openings, Planking And Parapet, Lighting, Up to 8' Wide, Up To 8' High, 2 Post System	21.46	
		<i>01MOD-0077 For 3 Post System, Add</i>	2.50	
		<i>01MOD-0078 For Each Additional Foot Over 8' Wide, Add</i>	1.25	
		<i>01MOD-0079 For Each Additional Foot Over 8' High, Add</i>	0.75	
01540-0045	LF	Removal of Netting for Sidewalk Bridge	1.32	
01550		Vehicular Access And Parking <i>(01500)</i>		
01550-0001		Parking Lot, Roads And Pathway Maintenance <i>(01550)</i> Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog® .		
01550-0002		Parking Lot, Road, And Street Sweeping <i>(01550-0001)</i>		
01550-0003	MSF	Sweep Parking Lot, With Street Sweeper	14.79	
01550-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	17.75	
01550-0005	MSF	Sweep Runway, With Street Sweep	22.19	
01550-0006		Removable Preformed Traffic Line Mask <i>(01550)</i> Note: Includes installation and removal after use.		
01550-0007	LF	4" Removable Traffic Line Mask	2.75	
01550-0008	LF	6" Removable Traffic Line Mask	3.47	
01550-0009	LF	8" Removable Traffic Line Mask	4.19	
01550-0010		Temporary Preformed Traffic Line Tape <i>(01550)</i> Note: Includes installation and removal after use.		
01550-0011	LF	4" Temporary Preformed Traffic Line Tape	2.28	
01550-0012		Temporary Traffic Markings <i>(01550)</i>		
01550-0013	LF	4" Temporary Painted Traffic Lines	0.45	
01550-0014		Pedestrian Traffic Control <i>(01550)</i>		
01550-0015	CLF	Safety Tape For Area Isolation	9.35	
01550-0016	CLF	Danger Tape	9.93	
01560		Temporary Barriers And Enclosures <i>(01500)</i> Note: Includes removal after use.		
01560-0001		Temporary Fence, Street Barricades, And Tree Guards <i>(01560)</i>		
01560-0002		Temporary Fencing <i>(01560-0001)</i> Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
01560-0003		Temporary Chain Link Fence <i>(01560-0002)</i> Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
01560-0004		Temporary Chain Link Fence, Up To 6 Months <i>(01560-0003)</i>		
01560-0005	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	1.35	
		<i>01MOD-0041 For > 100 To 250 LF, Deduct</i>	-0.07	
		<i>01MOD-0042 For > 250 To 500 LF, Deduct</i>	-0.14	
		<i>01MOD-0043 For > 500 LF, Deduct</i>	-0.20	
		<i>01MOD-0044 For Shade Cloth, Add</i>	1.60	
01560-0006	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	1.52	
		<i>01MOD-0041 For > 100 To 250 LF, Deduct</i>	-0.08	
		<i>01MOD-0042 For > 250 To 500 LF, Deduct</i>	-0.15	
		<i>01MOD-0043 For > 500 LF, Deduct</i>	-0.23	
		<i>01MOD-0045 For Shade Cloth, Add</i>	2.55	
01560-0007	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	2.56	
		<i>01MOD-0041 For > 100 To 250 LF, Deduct</i>	-0.13	
		<i>01MOD-0042 For > 250 To 500 LF, Deduct</i>	-0.26	
		<i>01MOD-0043 For > 500 LF, Deduct</i>	-0.38	
		<i>01MOD-0046 For Shade Cloth, Add</i>	3.60	

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01560 Temporary Barriers And Enclosures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0008	LF		Temporary 10' High Chain Link Fence And Posts, Up To 6 Months.....	7.62	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.38	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.76	
	01MOD-0043		For > 500 LF, Deduct	-1.14	
	01MOD-0047		For Shade Cloth, Add	4.75	
01560-0009			Temporary Chain Link Fence, > 6 To 12 Months (01560-0003)		
01560-0010	LF		Temporary 4' High Chain Link Fence And Posts, > 6 To 12 Months.....	1.48	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.07	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.15	
	01MOD-0043		For > 500 LF, Deduct	-0.22	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0011	LF		Temporary 6' High Chain Link Fence And Posts, > 6 To 12 Months.....	1.67	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.08	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.17	
	01MOD-0043		For > 500 LF, Deduct	-0.25	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0012	LF		Temporary 8' High Chain Link Fence And Posts, > 6 To 12 Months.....	2.82	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.14	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.28	
	01MOD-0043		For > 500 LF, Deduct	-0.42	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0013	LF		Temporary 10' High Chain Link Fence And Posts, > 6 To 12 Months.....	8.38	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.42	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.84	
	01MOD-0043		For > 500 LF, Deduct	-1.26	
	01MOD-0047		For Shade Cloth, Add	4.75	
01560-0014			Temporary Chain Link Fence, > 12 To 18 Months (01560-0003)		
01560-0015	LF		Temporary 4' High Chain Link Fence And Posts, > 12 To 18 Months.....	1.63	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.08	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.16	
	01MOD-0043		For > 500 LF, Deduct	-0.24	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0016	LF		Temporary 6' High Chain Link Fence And Posts, > 12 To 18 Months.....	1.84	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.09	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.18	
	01MOD-0043		For > 500 LF, Deduct	-0.28	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0017	LF		Temporary 8' High Chain Link Fence And Posts, > 12 To 18 Months.....	3.10	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.16	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.31	
	01MOD-0043		For > 500 LF, Deduct	-0.47	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0018	LF		Temporary 10' High Chain Link Fence And Posts, > 12 To 18 Months.....	9.22	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.46	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.92	
	01MOD-0043		For > 500 LF, Deduct	-1.38	
	01MOD-0047		For Shade Cloth, Add	4.75	
01560-0019			Temporary Chain Link Fence, > 18 Months (01560-0003)		
01560-0020	LF		Temporary 4' High Chain Link Fence And Posts, > 18 Months.....	1.79	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.09	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.18	
	01MOD-0043		For > 500 LF, Deduct	-0.27	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0021	LF		Temporary 6' High Chain Link Fence And Posts, > 18 Months.....	2.01	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.10	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.20	
	01MOD-0043		For > 500 LF, Deduct	-0.30	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0022	LF		Temporary 8' High Chain Link Fence And Posts, > 18 Months.....	3.41	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.17	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.34	
	01MOD-0043		For > 500 LF, Deduct	-0.51	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0023	LF		Temporary 10' High Chain Link Fence And Posts, > 18 Months.....	10.14	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.51	
	01MOD-0042		For > 250 To 500 LF, Deduct	-1.01	
	01MOD-0043		For > 500 LF, Deduct	-1.52	
	01MOD-0047		For Shade Cloth, Add	4.75	
01560-0024			Temporary Chain Link Fence Gates (01560-0002)		
			Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
01560-0025			Temporary Chain Link Fence Gates, Up To 6 Months (01560-0024)		
01560-0026			4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01560-0025)		
01560-0027	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	85.71	
	01MOD-0048		For Shade Cloth, Add	6.40	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0028	EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	133.33	
	01MOD-0049 For Shade Cloth, Add	16.00	
01560-0029	EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	152.38	
	01MOD-0050 For Shade Cloth, Add	19.20	
01560-0030	EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	171.43	
	01MOD-0051 For Shade Cloth, Add	24.00	
01560-0031	EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	209.52	
	01MOD-0052 For Shade Cloth, Add	32.00	
01560-0032	EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	228.58	
	01MOD-0053 For Shade Cloth, Add	38.40	
01560-0033	6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01560-0025)		
01560-0034	EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	89.61	
	01MOD-0054 For Shade Cloth, Add	10.20	
01560-0035	EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	139.39	
	01MOD-0055 For Shade Cloth, Add	25.50	
01560-0036	EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	159.30	
	01MOD-0056 For Shade Cloth, Add	30.60	
01560-0037	EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	179.22	
	01MOD-0057 For Shade Cloth, Add	38.25	
01560-0038	EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	219.05	
	01MOD-0058 For Shade Cloth, Add	51.00	
01560-0039	EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	238.96	
	01MOD-0059 For Shade Cloth, Add	61.20	
01560-0040	8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01560-0025)		
01560-0041	EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	98.57	
	01MOD-0060 For Shade Cloth, Add	14.40	
01560-0042	EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	153.33	
	01MOD-0061 For Shade Cloth, Add	36.00	
01560-0043	EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	175.24	
	01MOD-0062 For Shade Cloth, Add	43.20	
01560-0044	EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	197.14	
	01MOD-0063 For Shade Cloth, Add	54.00	
01560-0045	EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	240.95	
	01MOD-0064 For Shade Cloth, Add	72.00	
01560-0046	EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	262.86	
	01MOD-0065 For Shade Cloth, Add	86.40	
01560-0047	10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01560-0025)		
01560-0048	EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	123.21	
	01MOD-0066 For Shade Cloth, Add	19.00	
01560-0049	EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	191.67	
	01MOD-0067 For Shade Cloth, Add	47.50	
01560-0050	EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	219.05	
	01MOD-0068 For Shade Cloth, Add	57.00	
01560-0051	EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	246.43	
	01MOD-0069 For Shade Cloth, Add	71.25	
01560-0052	EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	301.19	
	01MOD-0070 For Shade Cloth, Add	95.00	
01560-0053	EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	328.57	
	01MOD-0071 For Shade Cloth, Add	114.00	
01560-0054	Temporary Chain Link Fence Gates, > 6 To 12 Months (01560-0024)		
01560-0055	4' High, Temporary Chain Link Fence Gates, > 6 To 12 Months (01560-0054)		
01560-0056	EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	90.00	
	01MOD-0048 For Shade Cloth, Add	6.40	
01560-0057	EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	140.00	
	01MOD-0049 For Shade Cloth, Add	16.00	
01560-0058	EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	160.00	
	01MOD-0050 For Shade Cloth, Add	19.20	
01560-0059	EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	180.00	
	01MOD-0051 For Shade Cloth, Add	24.00	
01560-0060	EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	220.00	
	01MOD-0052 For Shade Cloth, Add	32.00	
01560-0061	EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	240.00	
	01MOD-0053 For Shade Cloth, Add	38.40	
01560-0062	6' High, Temporary Chain Link Fence Gates, > 6 To 12 Months (01560-0054)		
01560-0063	EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	94.09	
	01MOD-0054 For Shade Cloth, Add	10.20	
01560-0064	EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	146.36	
	01MOD-0055 For Shade Cloth, Add	25.50	
01560-0065	EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	167.27	
	01MOD-0056 For Shade Cloth, Add	30.60	
01560-0066	EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, > 6 To 12 Months.....	188.19	
	01MOD-0057 For Shade Cloth, Add	38.25	

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01560 Temporary Barriers And Enclosures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0067	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	230.00	
	01MOD-0058	For Shade Cloth, Add	51.00	
01560-0068	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	250.91	
	01MOD-0059	For Shade Cloth, Add	61.20	
01560-0069		8' High, Temporary Chain Link Fence Gates, > 6 To 12 Months (01560-0054)		
01560-0070	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	103.50	
	01MOD-0060	For Shade Cloth, Add	14.40	
01560-0071	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	161.00	
	01MOD-0061	For Shade Cloth, Add	36.00	
01560-0072	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	184.00	
	01MOD-0062	For Shade Cloth, Add	43.20	
01560-0073	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	207.00	
	01MOD-0063	For Shade Cloth, Add	54.00	
01560-0074	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	253.00	
	01MOD-0064	For Shade Cloth, Add	72.00	
01560-0075	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	276.00	
	01MOD-0065	For Shade Cloth, Add	86.40	
01560-0076		10' High, Temporary Chain Link Fence Gates, > 6 To 12 Months (01560-0054)		
01560-0077	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	129.38	
	01MOD-0066	For Shade Cloth, Add	19.00	
01560-0078	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	201.25	
	01MOD-0067	For Shade Cloth, Add	47.50	
01560-0079	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	230.00	
	01MOD-0068	For Shade Cloth, Add	57.00	
01560-0080	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	258.75	
	01MOD-0069	For Shade Cloth, Add	71.25	
01560-0081	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	316.25	
	01MOD-0070	For Shade Cloth, Add	95.00	
01560-0082	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, > 6 To 12 Months	345.00	
	01MOD-0071	For Shade Cloth, Add	114.00	
01560-0083		Temporary Chain Link Fence Gates, > 12 To 18 Months (01560-0024)		
01560-0084		4' High, Temporary Chain Link Fence Gates, > 12 To 18 Months (01560-0083)		
01560-0085	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	94.50	
	01MOD-0048	For Shade Cloth, Add	6.40	
01560-0086	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	147.00	
	01MOD-0049	For Shade Cloth, Add	16.00	
01560-0087	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	168.00	
	01MOD-0050	For Shade Cloth, Add	19.20	
01560-0088	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	189.00	
	01MOD-0051	For Shade Cloth, Add	24.00	
01560-0089	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	230.99	
	01MOD-0052	For Shade Cloth, Add	32.00	
01560-0090	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	252.01	
	01MOD-0053	For Shade Cloth, Add	38.40	
01560-0091		6' High, Temporary Chain Link Fence Gates, > 12 To 18 Months (01560-0083)		
01560-0092	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	98.80	
	01MOD-0054	For Shade Cloth, Add	10.20	
01560-0093	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	153.68	
	01MOD-0055	For Shade Cloth, Add	25.50	
01560-0094	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	175.63	
	01MOD-0056	For Shade Cloth, Add	30.60	
01560-0095	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	197.60	
	01MOD-0057	For Shade Cloth, Add	38.25	
01560-0096	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	241.50	
	01MOD-0058	For Shade Cloth, Add	51.00	
01560-0097	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	263.45	
	01MOD-0059	For Shade Cloth, Add	61.20	
01560-0098		8' High, Temporary Chain Link Fence Gates, > 12 To 18 Months (01560-0083)		
01560-0099	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	108.68	
	01MOD-0060	For Shade Cloth, Add	14.40	
01560-0100	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	169.05	
	01MOD-0061	For Shade Cloth, Add	36.00	
01560-0101	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	193.20	
	01MOD-0062	For Shade Cloth, Add	43.20	
01560-0102	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	217.35	
	01MOD-0063	For Shade Cloth, Add	54.00	
01560-0103	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	265.65	
	01MOD-0064	For Shade Cloth, Add	72.00	
01560-0104	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, > 12 To 18 Months	289.80	
	01MOD-0065	For Shade Cloth, Add	86.40	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0105	10' High, Temporary Chain Link Fence Gates, > 12 To 18 Months <small>(01560-0083)</small>		
01560-0106	EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, > 12 To 18 Months 135.84	135.84	
	01MOD-0066 For Shade Cloth, Add 19.00	19.00	
01560-0107	EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, > 12 To 18 Months 211.31	211.31	
	01MOD-0067 For Shade Cloth, Add 47.50	47.50	
01560-0108	EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, > 12 To 18 Months 241.50	241.50	
	01MOD-0068 For Shade Cloth, Add 57.00	57.00	
01560-0109	EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, > 12 To 18 Months 271.69	271.69	
	01MOD-0069 For Shade Cloth, Add 71.25	71.25	
01560-0110	EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, > 12 To 18 Months 332.06	332.06	
	01MOD-0070 For Shade Cloth, Add 95.00	95.00	
01560-0111	EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, > 12 To 18 Months 362.25	362.25	
	01MOD-0071 For Shade Cloth, Add 114.00	114.00	
01560-0112	Temporary Chain Link Fence Gates, > 18 Months <small>(01560-0024)</small>		
01560-0113	4' High, Temporary Chain Link Fence Gates, > 18 Months <small>(01560-0112)</small>		
01560-0114	EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, > 18 Months 99.00	99.00	
	01MOD-0048 For Shade Cloth, Add 6.40	6.40	
01560-0115	EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, > 18 Months 154.00	154.00	
	01MOD-0049 For Shade Cloth, Add 16.00	16.00	
01560-0116	EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, > 18 Months 176.00	176.00	
	01MOD-0050 For Shade Cloth, Add 19.20	19.20	
01560-0117	EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, > 18 Months 198.00	198.00	
	01MOD-0051 For Shade Cloth, Add 24.00	24.00	
01560-0118	EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, > 18 Months 241.99	241.99	
	01MOD-0052 For Shade Cloth, Add 32.00	32.00	
01560-0119	EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, > 18 Months 264.01	264.01	
	01MOD-0053 For Shade Cloth, Add 38.40	38.40	
01560-0120	6' High, Temporary Chain Link Fence Gates, > 18 Months <small>(01560-0112)</small>		
01560-0121	EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, > 18 Months 103.50	103.50	
	01MOD-0054 For Shade Cloth, Add 10.20	10.20	
01560-0122	EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, > 18 Months 161.00	161.00	
	01MOD-0055 For Shade Cloth, Add 25.50	25.50	
01560-0123	EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, > 18 Months 183.99	183.99	
	01MOD-0056 For Shade Cloth, Add 30.60	30.60	
01560-0124	EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, > 18 Months 207.00	207.00	
	01MOD-0057 For Shade Cloth, Add 38.25	38.25	
01560-0125	EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, > 18 Months 253.00	253.00	
	01MOD-0058 For Shade Cloth, Add 51.00	51.00	
01560-0126	EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, > 18 Months 276.00	276.00	
	01MOD-0059 For Shade Cloth, Add 61.20	61.20	
01560-0127	8' High, Temporary Chain Link Fence Gates, > 18 Months <small>(01560-0112)</small>		
01560-0128	EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, > 18 Months 113.85	113.85	
	01MOD-0060 For Shade Cloth, Add 14.40	14.40	
01560-0129	EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, > 18 Months 177.10	177.10	
	01MOD-0061 For Shade Cloth, Add 36.00	36.00	
01560-0130	EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, > 18 Months 202.40	202.40	
	01MOD-0062 For Shade Cloth, Add 43.20	43.20	
01560-0131	EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, > 18 Months 227.70	227.70	
	01MOD-0063 For Shade Cloth, Add 54.00	54.00	
01560-0132	EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, > 18 Months 278.30	278.30	
	01MOD-0064 For Shade Cloth, Add 72.00	72.00	
01560-0133	EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, > 18 Months 303.60	303.60	
	01MOD-0065 For Shade Cloth, Add 86.40	86.40	
01560-0134	10' High, Temporary Chain Link Fence Gates, > 18 Months <small>(01560-0112)</small>		
01560-0135	EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, > 18 Months 142.31	142.31	
	01MOD-0066 For Shade Cloth, Add 19.00	19.00	
01560-0136	EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, > 18 Months 221.38	221.38	
	01MOD-0067 For Shade Cloth, Add 47.50	47.50	
01560-0137	EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, > 18 Months 253.00	253.00	
	01MOD-0068 For Shade Cloth, Add 57.00	57.00	
01560-0138	EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, > 18 Months 284.62	284.62	
	01MOD-0069 For Shade Cloth, Add 71.25	71.25	
01560-0139	EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, > 18 Months 347.88	347.88	
	01MOD-0070 For Shade Cloth, Add 95.00	95.00	
01560-0140	EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, > 18 Months 379.50	379.50	
	01MOD-0071 For Shade Cloth, Add 114.00	114.00	
01560-0141	Temporary Chain Link Fence Panels (Portable) <small>(01560-0002)</small>		
	Note: Includes set-up and removal. Excludes sandbags.		
01560-0142	Temporary Chain Link Fence Panels (Portable), Up To 6 Months <small>(01560-0141)</small>		

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01560 Temporary Barriers And Enclosures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0143	LF		Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months.....	1.61	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.08	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.16	
	01MOD-0043		For > 500 LF, Deduct	-0.24	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0144	LF		Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months.....	1.81	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.09	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.18	
	01MOD-0043		For > 500 LF, Deduct	-0.27	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0145	LF		Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months.....	2.91	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.15	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.29	
	01MOD-0043		For > 500 LF, Deduct	-0.44	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0146			Temporary Chain Link Fence Panels (Portable), > 6 To 12 Months (01560-0141)		
01560-0147	LF		Temporary 4' High Chain Link Fence Panels (Portable), > 6 To 12 Months.....	1.75	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.09	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.18	
	01MOD-0043		For > 500 LF, Deduct	-0.26	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0148	LF		Temporary 6' High Chain Link Fence Panels (Portable), > 6 To 12 Months.....	1.96	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.10	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.20	
	01MOD-0043		For > 500 LF, Deduct	-0.29	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0149	LF		Temporary 8' High Chain Link Fence Panels (Portable), > 6 To 12 Months.....	3.16	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.16	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.32	
	01MOD-0043		For > 500 LF, Deduct	-0.47	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0150			Temporary Chain Link Fence Panels (Portable), > 12 To 18 Months (01560-0141)		
01560-0151	LF		Temporary 4' High Chain Link Fence Panels (Portable), > 12 To 18 Months.....	1.89	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.09	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.19	
	01MOD-0043		For > 500 LF, Deduct	-0.28	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0152	LF		Temporary 6' High Chain Link Fence Panels (Portable), > 12 To 18 Months.....	2.13	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.11	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.21	
	01MOD-0043		For > 500 LF, Deduct	-0.32	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0153	LF		Temporary 8' High Chain Link Fence Panels (Portable), > 12 To 18 Months.....	3.45	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.17	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.35	
	01MOD-0043		For > 500 LF, Deduct	-0.52	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0154			Temporary Chain Link Fence Panels (Portable), > 18 Months (01560-0141)		
01560-0155	LF		Temporary 4' High Chain Link Fence Panels (Portable), > 18 Months.....	2.06	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.10	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.21	
	01MOD-0043		For > 500 LF, Deduct	-0.31	
	01MOD-0044		For Shade Cloth, Add	1.60	
01560-0156	LF		Temporary 6' High Chain Link Fence Panels (Portable), > 18 Months.....	2.30	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.12	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.23	
	01MOD-0043		For > 500 LF, Deduct	-0.35	
	01MOD-0045		For Shade Cloth, Add	2.55	
01560-0157	LF		Temporary 8' High Chain Link Fence Panels (Portable), > 18 Months.....	3.75	
	01MOD-0041		For > 100 To 250 LF, Deduct	-0.19	
	01MOD-0042		For > 250 To 500 LF, Deduct	-0.38	
	01MOD-0043		For > 500 LF, Deduct	-0.56	
	01MOD-0046		For Shade Cloth, Add	3.60	
01560-0158			Temporary Rail And Timber Structure (01560-0002)		
01560-0159	LF		4' High Temporary Rail And Timber Structure.....	126.56	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01560-0160	LF		6' High Temporary Rail And Timber Structure.....	179.93	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01560-0161	LF		8' High Temporary Rail And Timber Structure.....	233.33	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
01560-0162	LF		10' High Temporary Rail And Timber Structure.....	294.11	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0163 LF 12' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	341.06	
01560-0164 LF 15' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	391.23	
01560-0165 Temporary Tree Guards (01560-0001) Note: Includes digging holes and removal.		
01560-0166 EA Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	125.56	
01560-0167 EA 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	145.03	
01560-0168 EA 6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	156.79	
01560-0169 Temporary Street Barricade (01560-0001)		
01560-0170 LF Temporary Street Barricade, Using 12" x 12" Beam As Base With 2" x 4" Top Warning Rail And Sides, Per Month.....	7.12	
01560-0171 Temporary Fiberglass Panels (01560)		
01560-0172 SF Prefabricated Fiberglass Panels.....	1.32	
01560-0173 Temporary Safety Fence (01560)		
01560-0174 LF Temporary Safety Fence, Plastic Mesh, 48" High With Posts At 8' On Center.....	1.23	
01560-0175 Temporary Wood Structures (01560)		
01560-0176 Temporary Stud Wall (01560-0175)		
01560-0177 SF 5/8" Gypsum Board On One Side, Temporary Stud Wall Note: Wood studs at 16" OC, taped and finished, one coat of flat paint. Remove after use.	3.59	
01MOD-0020 For Metal Instead Of Wood Studs, Add	0.34	
01MOD-0021 For 3/4" Plywood Sheathing Instead Of Gypsum Board, Add	0.40	
01MOD-0022 For Studs 24" O.C. Instead Of 16" O.C., Deduct	-0.29	
01MOD-0023 For Fire Rated Walls, Add	0.11	
01560-0178 SF 5/8" Gypsum Board On Both Sides, Temporary Stud Wall..... Note: Wood studs at 16" O.C., taped and finished, one coat of flat paint. Remove after use.	4.97	
01MOD-0020 For Metal Instead Of Wood Studs, Add	0.47	
01MOD-0021 For 3/4" Plywood Sheathing Instead Of Gypsum Board, Add	0.55	
01MOD-0022 For Studs 24" O.C. Instead Of 16" O.C., Deduct	-0.40	
01MOD-0023 For Fire Rated Walls, Add	0.15	
01560-0179 EA Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	331.68	
01560-0180 Temporary Walkways And Railings (01560-0175)		
01560-0181 LF Temporary Wooden Guardrail With Top-Rail With Two Side Rails On 36" High 2 x 4 Posts 18" On Center Attached To Walkway..... Note: Excludes walkway.	7.61	
01560-0182 SF Temporary Walkway With 3/4" Plywood On 2 x 6 Stringers	3.89	
01560-0183 RSR Temporary Stairs On 2 x 12 Stringers (Cost Per Riser).....	13.35	
01560-0184 Temporary Floor Protection (01560-0175)		
01560-0185 SF Masonite For Floor Protection.....	1.17	
01560-0186 SF 1/2" Plywood For Floor Protection	1.21	
01560-0187 SF 3/4" Plywood For Floor Protection	1.49	
01560-0188 Board-up Opening With Plywood (01560-0175) Note: For use where directed by owner for boarding up door and window openings.		
01560-0189 OPN Remove Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	9.65	
01560-0190 SF Board-up Opening With 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners.....	4.96	
01560-0191 SF Board-up Opening With 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners.....	5.75	
01560-0192 Safety Nets (01560)		
01560-0193 SF Small Mesh Debris Netting	1.01	
01560-0194 Traffic Protection (01560)		
01560-0195 Portable Traffic Control Device Rental (01560-0194) Note: Excludes placing and removing devices.		
01560-0196 DAY 28" Cone With Reflective Collar.....	0.40	
01560-0197 WK 28" Cone With Reflective Collar.....	1.19	
01560-0198 MO 28" Cone With Reflective Collar.....	3.56	
01560-0199 DAY Vertical Panel.....	1.20	

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01560 Temporary Barriers And Enclosures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0200	WK	Vertical Panel.....	3.59	
01560-0201	MO	Vertical Panel.....	10.76	
01560-0202	DAY	Channelizer Drum.....	1.30	
01560-0203	WK	Channelizer Drum.....	3.89	
01560-0204	MO	Channelizer Drum.....	11.68	
01560-0205	DAY	Stackable Channelizer Panel.....	0.61	
01560-0206	WK	Stackable Channelizer Panel.....	1.84	
01560-0207	MO	Stackable Channelizer Panel.....	5.53	
01560-0208	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	0.85	
01560-0209	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	2.55	
01560-0210	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	7.65	
01560-0211	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	1.88	
01560-0212	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	5.65	
01560-0213	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	16.96	
01560-0214	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	2.15	
01560-0215	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	6.44	
01560-0216	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	19.33	
01560-0217	DAY	Type III Barricade, > 5' To 10' Wide With Three Reflective Rails.....	3.93	
01560-0218	WK	Type III Barricade, > 5' To 10' Wide With Three Reflective Rails.....	11.78	
01560-0219	MO	Type III Barricade, > 5' To 10' Wide With Three Reflective Rails.....	35.35	
01560-0220	DAY	Up To 10' Wide A Frame Barricade.....	2.15	
01560-0221	WK	Up To 10' Wide A Frame Barricade.....	6.46	
01560-0222	MO	Up To 10' Wide A Frame Barricade.....	19.39	
01560-0223	DAY	Type A Or C Flasher.....	0.44	
01560-0224	WK	Type A Or C Flasher.....	1.32	
01560-0225	MO	Type A Or C Flasher.....	3.95	
01560-0226	DAY	Type B Flasher (High Intensity).....	2.38	
01560-0227	WK	Type B Flasher (High Intensity).....	7.15	
01560-0228	MO	Type B Flasher (High Intensity).....	21.44	
01560-0229 Traffic Barriers Rental (01560-0194)				
Note: Excludes placing and removing devices.				
01560-0230	DAY	6' Long Portable Parking Curbs.....	1.03	
01560-0231	WK	6' Long Portable Parking Curbs.....	3.08	
01560-0232	MO	6' Long Portable Parking Curbs.....	9.23	
01560-0233	DAY	6' Long Portable Speed Bumps.....	3.04	
01560-0234	WK	6' Long Portable Speed Bumps.....	9.11	
01560-0235	MO	6' Long Portable Speed Bumps.....	27.32	
01560-0236	DAY	Up To 12.5' Concrete Traffic Barrier.....	7.29	
01560-0237	WK	Up To 12.5' Concrete Traffic Barrier.....	21.88	
01560-0238	MO	Up To 12.5' Concrete Traffic Barrier.....	65.64	
01560-0239	DAY	> 12.5' To 20' Concrete Traffic Barrier.....	14.59	
01560-0240	WK	> 12.5' To 20' Concrete Traffic Barrier.....	43.76	
01560-0241	MO	> 12.5' To 20' Concrete Traffic Barrier.....	131.29	
01560-0242	DAY	6' x 32" Tall Plastic Water Barrier.....	8.71	
01560-0243	WK	6' x 32" Tall Plastic Water Barrier.....	26.13	
01560-0244	MO	6' x 32" Tall Plastic Water Barrier.....	78.39	
01560-0245	DAY	6' x 46" Tall Plastic Water Barrier.....	12.44	
01560-0246	WK	6' x 46" Tall Plastic Water Barrier.....	37.31	
01560-0247	MO	6' x 46" Tall Plastic Water Barrier.....	111.93	
01560-0248	DAY	Sand Filled Crash Attenuator Barrels.....	4.87	
01560-0249	WK	Sand Filled Crash Attenuator Barrels.....	14.60	
01560-0250	MO	Sand Filled Crash Attenuator Barrels.....	43.81	
01560-0251 Portable Signs And Message Displays Rental (01560-0194)				
Note: Excludes placing and removing devices.				
01560-0252	DAY	Mesh Or Vinyl Roll-up Sign With Stand.....	3.82	
01560-0253	WK	Mesh Or Vinyl Roll-up Sign With Stand.....	11.47	
01560-0254	MO	Mesh Or Vinyl Roll-up Sign With Stand.....	34.40	
01560-0255	DAY	Aluminum Sign And Post.....	2.24	
01560-0256	WK	Aluminum Sign And Post.....	6.73	
01560-0257	MO	Aluminum Sign And Post.....	20.20	
01560-0258	DAY	Aluminum Sign And A Frame Stand.....	2.89	
01560-0259	WK	Aluminum Sign And A Frame Stand.....	8.67	
01560-0260	MO	Aluminum Sign And A Frame Stand.....	26.01	
01560-0261	DAY	Trailer Mounted Arrow Board.....	59.99	
01560-0262	WK	Trailer Mounted Arrow Board.....	179.98	
01560-0263	MO	Trailer Mounted Arrow Board.....	539.93	
01560-0264	DAY	Trailer Mounted Message Board.....	183.00	
01560-0265	WK	Trailer Mounted Message Board.....	549.00	
01560-0266	MO	Trailer Mounted Message Board.....	1,647.00	
01560-0267	DAY	Trailer Mounted Traffic Signal.....	274.50	
01560-0268	WK	Trailer Mounted Traffic Signal.....	823.50	
01560-0269	MO	Trailer Mounted Traffic Signal.....	2,470.50	
01560-0270 Place And Remove Traffic Protection Using Truck (01560-0194)				
Note: Includes delivery and return up to 15 miles.				
01560-0271	EA	Place And Remove Up To 250 Cones Using Truck.....	3.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01560-0272 EA Place And Remove > 250 Cones Using Truck.....	2.63	
01560-0273 EA Place And Remove Up To 250 Panels/Channelizers Using Truck.....	4.39	
01560-0274 EA Place And Remove > 250 Panels/Channelizers Using Truck.....	3.51	
01560-0275 EA Place And Remove Up To 250 Barricades Using Truck.....	6.59	
01560-0276 EA Place And Remove > 250 Barricades Using Truck.....	5.27	
01560-0277 EA Place And Remove Curbs/Speed Bumps Using Truck.....	6.59	
01560-0278 EA Place And Remove Portable Sign And Stand Using Truck.....	3.95	
01560-0279 EA Place And Remove Aluminum Sign And Post Using Truck.....	16.47	
01560-0280 EA Place And Remove Trailer Mounted Boards Using Truck.....	49.41	
01560-0281 EA Place And Remove Up To 12.5' Concrete Traffic Barrier.....	67.09	
Note: If lifting equipment is not available on site, See CSI section 01590-0000 for mobilization and rentals tasks.		
01MOD-0037 For 1 Barrier, Add	167.73	
01MOD-0038 For 2 Barriers, Add	60.38	
01MOD-0039 For 3 Barriers, Add	20.13	
01560-0282 EA Place And Remove > 12.5' Concrete Traffic Barrier.....	100.65	
Note: If lifting equipment is not available on site, See CSI section 01590-0000 for mobilization and rentals tasks.		
01MOD-0037 For 1 Barrier, Add	251.63	
01MOD-0038 For 2 Barriers, Add	90.59	
01MOD-0039 For 3 Barriers, Add	30.20	
01560-0283 EA Place And Remove Plastic Water Barrier.....	34.94	
Note: Includes water. If lifting equipment is not available on site, See CSI section 01590-0000 for mobilization and rentals tasks.		
01MOD-0037 For 1 Barrier, Add	83.88	
01MOD-0038 For 2 Barriers, Add	30.20	
01MOD-0039 For 3 Barriers, Add	10.07	
01560-0284 EA Place And Remove Crash Attenuator Barrels.....	50.32	
Note: If lifting equipment is not available on site, See CSI section 01590-0000 for mobilization and rentals tasks.		
01MOD-0037 For 1 Barrier, Add	125.80	
01MOD-0038 For 2 Barriers, Add	45.29	
01MOD-0039 For 3 Barriers, Add	15.10	
01560-0285 Place And Remove Traffic Protection From Roadside (Daily) (01560-0194)		
01560-0286 EA Place And Remove Up To 250 Cones By Hand From Roadside.....	1.65	
01560-0287 EA Place And Remove > 250 Cones By Hand From Roadside.....	1.32	
01560-0288 EA Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside.....	2.20	
01560-0289 EA Place And Remove > 250 Panels/Channelizers By Hand From Roadside.....	1.75	
01560-0290 EA Place And Remove Up To 250 Barricades By Hand From Roadside.....	3.29	
01560-0291 EA Place And Remove > 250 Barricades By Hand From Roadside.....	2.63	
01560-0292 EA Place And Remove Portable Sign And Stand From Roadside.....	2.06	
01560-0293 EA Place And Remove Trailer Mounted Boards From Roadside.....	24.71	
01560-0294 EA Relocate Concrete Traffic Barrier.....	33.55	
Note: Excludes flatbed truck (if required). If lifting equipment is not available on site, See CSI section 01590-0000 for mobilization and rentals tasks.		
01580 Project Identification (01500)		
Note: Includes furnishing, installation and removal.		
01580-0001 Project Sign (01580)		
01580-0002 EA Construction Project Identification Sign, Painted Letters.....	736.24	
Note: Up to 4' x 8' with logos, project name, address, owner's name, contractor names, A/E or design firm names, etc.		
01580-0003 EA Install And Remove Owner Supplied Project Sign.....	64.36	
01590 Equipment Rentals (01500)		
Note: Includes fuel costs unless otherwise stated. These tasks will be requested specifically by the owner for miscellaneous work not covered in the Construction Task Catalog®, for work above 14' for general construction and 4' for masonry, or for staging materials above 2-1/2 stories. Do not use these rental costs in addition to, or as a substitute for, any task.		
01590-0001 Aerial Equipment (01590)		
01590-0002 Manlifts (01590-0001)		
Note: Excludes operator, delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0003 Telescoping Boom Manlifts (01590-0002)		
01590-0004 Engine Powered, Telescoping Boom Manlifts (01590-0003)		
Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01590-0005 DAY 40' Engine Powered, Telescoping Boom Manlift.....	339.36	
01590-0006 WK 40' Engine Powered, Telescoping Boom Manlift.....	853.87	
01590-0007 MO 40' Engine Powered, Telescoping Boom Manlift.....	1,915.72	
01590-0008 DAY 60' Engine Powered, Telescoping Boom Manlift.....	498.09	
01590-0009 WK 60' Engine Powered, Telescoping Boom Manlift.....	1,187.75	
01590-0010 MO 60' Engine Powered, Telescoping Boom Manlift.....	2,599.91	
01590-0011 DAY 80' Engine Powered, Telescoping Boom Manlift.....	968.81	
01590-0012 WK 80' Engine Powered, Telescoping Boom Manlift.....	2,348.13	
01590-0013 MO 80' Engine Powered, Telescoping Boom Manlift.....	4,926.15	
01590-0014 DAY 110' Engine Powered, Telescoping Boom Manlift.....	1,379.32	
01590-0015 WK 110' Engine Powered, Telescoping Boom Manlift.....	3,321.32	
01590-0016 MO 110' Engine Powered, Telescoping Boom Manlift.....	8,275.93	

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01590 Equipment Rentals**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0017	DAY	120' Engine Powered, Telescoping Boom Manlift.....	1,680.36	
01590-0018	WK	120' Engine Powered, Telescoping Boom Manlift.....	4,285.75	
01590-0019	MO	120' Engine Powered, Telescoping Boom Manlift.....	9,742.83	
01590-0020		Articulating (Up/Over) Boom Manlifts <small>(01590-0020)</small>		
01590-0021		Engine Powered, Articulating (Up/Over) Boom Manlifts <small>(01590-0020)</small>		
		Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01590-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Manlift.....	293.10	
01590-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Manlift.....	711.62	
01590-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,764.98	
01590-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Manlift.....	396.77	
01590-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Manlift.....	959.92	
01590-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Manlift.....	2,163.03	
01590-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Manlift.....	422.37	
01590-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,055.92	
01590-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Manlift.....	2,879.78	
01590-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Manlift.....	844.73	
01590-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Manlift.....	2,111.84	
01590-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Manlift.....	5,759.55	
01590-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Manlift.....	1,663.87	
01590-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Manlift.....	4,178.87	
01590-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Manlift.....	11,391.11	
01590-0037		Electric, Articulating (Up/Over) Boom Manlifts <small>(01590-0020)</small>		
		Note: For use on paved surfaces.		
01590-0038	DAY	30' Electric, Articulating (Up/Over) Boom Manlift.....	287.98	
01590-0039	WK	30' Electric, Articulating (Up/Over) Boom Manlift.....	742.34	
01590-0040	MO	30' Electric, Articulating (Up/Over) Boom Manlift.....	1,663.87	
01590-0041	DAY	40' Electric, Articulating (Up/Over) Boom Manlift.....	371.17	
01590-0042	WK	40' Electric, Articulating (Up/Over) Boom Manlift.....	966.32	
01590-0043	MO	40' Electric, Articulating (Up/Over) Boom Manlift.....	2,163.03	
01590-0044	DAY	45' Electric, Articulating (Up/Over) Boom Manlift.....	371.17	
01590-0045	WK	45' Electric, Articulating (Up/Over) Boom Manlift.....	966.32	
01590-0046	MO	45' Electric, Articulating (Up/Over) Boom Manlift.....	2,163.03	
01590-0047		Platform Lifts <small>(01590-0001)</small>		
		Note: Excludes operator, delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0048		Electric, Scissor Platform Lifts <small>(01590-0047)</small>		
		Note: For use on paved surfaces.		
01590-0049	DAY	20' Electric, Scissor Platform Lift.....	107.95	
01590-0050	WK	20' Electric, Scissor Platform Lift.....	238.62	
01590-0051	MO	20' Electric, Scissor Platform Lift.....	499.97	
01590-0052	DAY	30' Electric, Scissor Platform Lift.....	227.26	
01590-0053	WK	30' Electric, Scissor Platform Lift.....	494.29	
01590-0054	MO	30' Electric, Scissor Platform Lift.....	1,034.03	
01590-0055		Engine Powered, Scissor Platform Lifts <small>(01590-0047)</small>		
		Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01590-0056	DAY	25' Engine Powered, Scissor Platform Lift.....	238.62	
01590-0057	WK	25' Engine Powered, Scissor Platform Lift.....	545.42	
01590-0058	MO	25' Engine Powered, Scissor Platform Lift.....	1,221.52	
01590-0059	DAY	33' Engine Powered, Scissor Platform Lift.....	272.71	
01590-0060	WK	33' Engine Powered, Scissor Platform Lift.....	630.65	
01590-0061	MO	33' Engine Powered, Scissor Platform Lift.....	1,477.19	
01590-0062	DAY	40' Engine Powered, Scissor Platform Lift.....	284.08	
01590-0063	WK	40' Engine Powered, Scissor Platform Lift.....	653.37	
01590-0064	MO	40' Engine Powered, Scissor Platform Lift.....	1,534.00	
01590-0065	DAY	43' Engine Powered, Scissor Platform Lift.....	335.21	
01590-0066	WK	43' Engine Powered, Scissor Platform Lift.....	772.68	
01590-0067	MO	43' Engine Powered, Scissor Platform Lift.....	1,818.08	
01590-0068	DAY	50' Engine Powered, Scissor Platform Lift.....	378.39	
01590-0069	WK	50' Engine Powered, Scissor Platform Lift.....	919.27	
01590-0070	MO	50' Engine Powered, Scissor Platform Lift.....	1,818.08	
01590-0071		Personnel Lifts <small>(01590-0001)</small>		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0072	DAY	20' Electric, Single Man Personnel Lift.....	103.27	
01590-0073	WK	20' Electric, Single Man Personnel Lift.....	273.35	
01590-0074	MO	20' Electric, Single Man Personnel Lift.....	571.00	
01590-0075	DAY	24' Electric, Single Man Personnel Lift.....	109.34	
01590-0076	WK	24' Electric, Single Man Personnel Lift.....	309.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0077	MO 24' Electric, Single Man Personnel Lift.....	662.12	
01590-0078	DAY 30' Electric, Single Man Personnel Lift.....	121.49	
01590-0079	WK 30' Electric, Single Man Personnel Lift.....	309.80	
01590-0080	MO 30' Electric, Single Man Personnel Lift.....	649.97	
01590-0081	Bucket Trucks (01590-0001)		
	Note: Includes full-time operator, delivery, and removal.		
01590-0082	DAY 48' Bucket Truck With Full-Time Operator.....	882.61	
	01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0083	WK 48' Bucket Truck With Full-Time Operator.....	3,813.03	
	01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0084	MO 48' Bucket Truck With Full-Time Operator.....	14,269.97	
	01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0085	Air Equipment (01590)		
01590-0086	Air Compressors (01590-0085)		
	Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0087	DAY 100 CFM Diesel Powered Portable Air Compressor.....	116.60	
01590-0088	WK 100 CFM Diesel Powered Portable Air Compressor.....	349.78	
01590-0089	MO 100 CFM Diesel Powered Portable Air Compressor.....	971.62	
01590-0090	DAY 130 CFM Diesel Powered Portable Air Compressor.....	139.91	
01590-0091	WK 130 CFM Diesel Powered Portable Air Compressor.....	411.97	
01590-0092	MO 130 CFM Diesel Powered Portable Air Compressor.....	1,165.95	
01590-0093	DAY 185 CFM Diesel Powered Portable Air Compressor.....	186.55	
01590-0094	WK 185 CFM Diesel Powered Portable Air Compressor.....	419.74	
01590-0095	MO 185 CFM Diesel Powered Portable Air Compressor.....	924.99	
01590-0096	DAY 375 CFM Diesel Powered Portable Air Compressor.....	264.28	
01590-0097	WK 375 CFM Diesel Powered Portable Air Compressor.....	668.48	
01590-0098	MO 375 CFM Diesel Powered Portable Air Compressor.....	1,593.46	
01590-0099	DAY 600 CFM Diesel Powered Portable Air Compressor.....	587.64	
01590-0100	WK 600 CFM Diesel Powered Portable Air Compressor.....	1,414.69	
01590-0101	MO 600 CFM Diesel Powered Portable Air Compressor.....	3,525.83	
01590-0102	DAY 750 CFM Diesel Powered Portable Air Compressor.....	707.34	
01590-0103	WK 750 CFM Diesel Powered Portable Air Compressor.....	1,741.15	
01590-0104	MO 750 CFM Diesel Powered Portable Air Compressor.....	4,275.15	
01590-0105	DAY 825 CFM Diesel Powered Portable Air Compressor.....	707.34	
01590-0106	WK 825 CFM Diesel Powered Portable Air Compressor.....	1,741.15	
01590-0107	MO 825 CFM Diesel Powered Portable Air Compressor.....	4,275.15	
01590-0108	DAY 1,300 CFM Diesel Powered Portable Air Compressor.....	823.94	
01590-0109	WK 1,300 CFM Diesel Powered Portable Air Compressor.....	1,846.86	
01590-0110	MO 1,300 CFM Diesel Powered Portable Air Compressor.....	4,924.97	
01590-0111	DAY 1,600 CFM Diesel Powered Portable Air Compressor.....	1,026.04	
01590-0112	WK 1,600 CFM Diesel Powered Portable Air Compressor.....	2,308.58	
01590-0113	MO 1,600 CFM Diesel Powered Portable Air Compressor.....	6,156.22	
01590-0114	Negative Air Machines (01590-0085)		
	Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01590-0115	DAY Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter.....	56.00	
01590-0116	WK Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter.....	230.00	
01590-0117	MO Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter.....	695.00	
01590-0118	EA Replacement HEPA Filter, 99.99% Efficient @ 0.3 Micron For Negative Air Machine.....	184.40	
01590-0119	LF Discharge Flexible Duct For Negative Air Machine.....	1.71	
01590-0120	Portable Air Scrubbers (01590-0085)		
	Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01590-0121	DAY 200 to 800 CFM Portable Air Scrubber.....	54.00	
01590-0122	WK 200 to 800 CFM Portable Air Scrubber.....	230.00	
01590-0123	MO 200 to 800 CFM Portable Air Scrubber.....	695.00	
01590-0124	DAY 800 to 2,000 CFM Portable Air Scrubber.....	81.00	
01590-0125	WK 800 to 2,000 CFM Portable Air Scrubber.....	345.00	
01590-0126	MO 800 to 2,000 CFM Portable Air Scrubber.....	1,015.00	
01590-0127	Compaction And Paving Equipment (01590)		
01590-0128	Pavers And Rollers (01590-0127)		
	Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0129	Pavers (01590-0128)		
01590-0130	DAY 10' Wide Paving Machine With Full-Time Operator.....	2,827.41	
	01MOD-0072 For Equipment Without Operator, Deduct	-581.43	
01590-0131	WK 10' Wide Paving Machine With Full-Time Operator.....	9,645.07	
	01MOD-0072 For Equipment Without Operator, Deduct	-2,907.13	
01590-0132	MO 10' Wide Paving Machine With Full-Time Operator.....	33,262.83	
	01MOD-0072 For Equipment Without Operator, Deduct	-12,530.72	

01000	General Requirements
01500	Construction Facilities And Temporary Construction
01590	Equipment Rentals



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01590-0133		Ride-On Self-Propelled, Rubber Tire Rollers <small>(01590-0128)</small>	
01590-0134	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	962.96
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0135	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	4,061.09
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0136	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	15,663.28
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0137	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,110.22
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0138	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	5,156.15
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0139	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	17,316.57
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0140	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,116.91
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0141	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	4,721.07
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0142	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	17,637.86
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0143		Ride-On Self-Propelled, Padfoot Rollers <small>(01590-0128)</small>	
01590-0144	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,023.20
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0145	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,132.04
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0146	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	16,071.58
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0147	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,304.33
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0148	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,700.99
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0149	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	17,865.44
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0150	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,371.26
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0151	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,122.68
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0152	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,043.50
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0153		Towed, Padfoot Rollers <small>(01590-0128)</small>	
01590-0154	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	127.18
01590-0155	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	368.14
01590-0156	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,084.35
01590-0157	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	160.64
01590-0158	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	448.46
01590-0159	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	1,907.65
01590-0160		Static Rollers <small>(01590-0128)</small>	
01590-0161	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	1,056.67
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0162	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	4,419.86
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0163	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	17,015.36
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0164	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	1,203.93
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0165	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	4,821.47
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0166	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator.....	18,308.32
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0167		Ride-On Self-Propelled, Smooth Drum Vibratory Rollers <small>(01590-0128)</small>	
01590-0168	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	842.48
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0169	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	3,670.19
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0170	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	14,538.77
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0171	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	942.88
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43
01590-0172	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	3,971.40
	01MOD-0072	For Equipment Without Operator, Deduct	-2,907.13
01590-0173	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	15,341.99
	01MOD-0072	For Equipment Without Operator, Deduct	-12,530.72
01590-0174	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,009.81
	01MOD-0072	For Equipment Without Operator, Deduct	-581.43



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0175	WK 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	4,172.20 -2,907.13	
01590-0176	MO 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	15,877.47 -12,530.72	
01590-0177	DAY 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	1,096.83 -581.43	
01590-0178	WK 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	4,426.55 -2,907.13	
01590-0179	MO 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	16,540.13 -12,530.72	
01590-0180	DAY 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	1,270.86 -581.43	
01590-0181	WK 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	4,935.26 -2,907.13	
01590-0182	MO 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>01MOD-0072 For Equipment Without Operator, Deduct</i>	17,885.52 -12,530.72	

01590-0183 Steel Plates (01590-0127)
Note: 3 day minimum.

01590-0184	DAY 1" x 4' x 8' Steel Plate	38.62	
01590-0185	WK 1" x 4' x 8' Steel Plate	91.18	
01590-0186	MO 1" x 4' x 8' Steel Plate	119.99	
01590-0187	DAY 1" x 4' x 10' Steel Plate	51.49	
01590-0188	WK 1" x 4' x 10' Steel Plate	115.85	
01590-0189	MO 1" x 4' x 10' Steel Plate	141.60	
01590-0190	DAY 1" x 5' x 10' Steel Plate	53.64	
01590-0191	WK 1" x 5' x 10' Steel Plate	121.22	
01590-0192	MO 1" x 5' x 10' Steel Plate	321.81	
01590-0193	DAY 1" x 6' x 8' Steel Plate	34.33	
01590-0194	WK 1" x 6' x 8' Steel Plate	77.23	
01590-0195	MO 1" x 6' x 8' Steel Plate	205.96	
01590-0196	DAY 1" x 6' x 10' Steel Plate	64.36	
01590-0197	WK 1" x 6' x 10' Steel Plate	84.74	
01590-0198	MO 1" x 6' x 10' Steel Plate	226.34	
01590-0199	DAY 1" x 6' x 12' Steel Plate	90.11	
01590-0200	WK 1" x 6' x 12' Steel Plate	115.32	
01590-0201	MO 1" x 6' x 12' Steel Plate	312.16	
01590-0202	DAY 1" x 8' x 10' Steel Plate	56.85	
01590-0203	WK 1" x 8' x 10' Steel Plate	127.65	
01590-0204	MO 1" x 8' x 10' Steel Plate	340.05	
01590-0205	DAY 1" x 8' x 12' Steel Plate	102.98	
01590-0206	WK 1" x 8' x 12' Steel Plate	127.65	
01590-0207	MO 1" x 8' x 12' Steel Plate	617.88	
01590-0208	DAY 1" x 8' x 16' Steel Plate	137.31	
01590-0209	WK 1" x 8' x 16' Steel Plate	308.94	
01590-0210	MO 1" x 8' x 16' Steel Plate	823.83	
01590-0211	LF Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate.....	1.54	0.79
01590-0212	EA Remove And Reset Trench Plate	21.63	

01590-0213 Street Sweepers (01590-0127)

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.

01590-0214	DAY 8' Broom Sweeper With Full-Time Operator	822.73	
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-567.65	
01590-0215	WK 8' Broom Sweeper With Full-Time Operator	3,529.80	
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,838.24	
01590-0216	MO 8' Broom Sweeper With Full-Time Operator	14,427.50	
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,233.79	
01590-0217	DAY Self-Propelled Street Sweeper With Hopper And Full-Time Operator	862.41	
	Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-567.65	
01590-0218	WK Self-Propelled Street Sweeper With Hopper And Full-Time Operator	4,183.94	
	Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,838.24	
01590-0219	MO Self-Propelled Street Sweeper With Hopper And Full-Time Operator	17,344.51	
	Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,233.79	

01590-0220 Earthmoving Equipment (01590)

01590-0221 Skid-Steer Loaders (Bobcat) (01590-0220)

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.

01590-0222	DAY 700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	720.63	
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-567.65	
01590-0223	WK 700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	3,270.41	
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,838.24	
01590-0224	MO 700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	13,388.79	
	<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,233.79	

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01590 Equipment Rentals**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0225	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	709.16	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-567.65	
01590-0226	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	3,262.76	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,838.24	
01590-0227	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	13,247.28	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,233.79	
01590-0228	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	952.31	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-730.49	
01590-0229	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	4,344.65	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-3,652.42	
01590-0230	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator.....	17,422.13	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-15,743.17	
01590-0231	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders.....	114.74	
01590-0232	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders.....	313.61	
01590-0233	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders.....	891.11	
01590-0234	DAY	Forklift Attachment For Skid-Steer Loaders.....	32.89	
01590-0235	WK	Forklift Attachment For Skid-Steer Loaders.....	87.96	
01590-0236	MO	Forklift Attachment For Skid-Steer Loaders.....	248.59	
01590-0237	DAY	Backhoe Attachment For Skid-Steer Loaders.....	72.67	
01590-0238	WK	Backhoe Attachment For Skid-Steer Loaders.....	174.40	
01590-0239	MO	Backhoe Attachment For Skid-Steer Loaders.....	433.70	
01590-0240	DAY	Broom Attachment For Skid-Steer Loaders.....	71.90	
01590-0241	WK	Broom Attachment For Skid-Steer Loaders.....	195.05	
01590-0242	MO	Broom Attachment For Skid-Steer Loaders.....	516.31	
01590-0243	DAY	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders.....	48.19	
01590-0244	WK	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders.....	152.98	
01590-0245	MO	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders.....	363.33	

01590-0246**Bulldozers** (01590-0220)

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.

01590-0247	DAY	70 HP, D3 Bulldozer With Full-Time Operator.....	854.96	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0248	WK	70 HP, D3 Bulldozer With Full-Time Operator.....	3,985.78	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0249	MO	70 HP, D3 Bulldozer With Full-Time Operator.....	15,730.54	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	
01590-0250	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	983.99	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0251	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	4,507.04	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0252	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	17,330.45	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	
01590-0253	DAY	140 HP, D6 Bulldozer With Full-Time Operator.....	1,350.42	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0254	WK	140 HP, D6 Bulldozer With Full-Time Operator.....	5,972.76	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0255	MO	140 HP, D6 Bulldozer With Full-Time Operator.....	21,717.30	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	
01590-0256	DAY	200 HP, D7 Bulldozer With Full-Time Operator.....	1,675.56	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0257	WK	200 HP, D7 Bulldozer With Full-Time Operator.....	7,278.50	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0258	MO	200 HP, D7 Bulldozer With Full-Time Operator.....	25,639.66	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	
01590-0259	DAY	335 HP, D8 Bulldozer With Full-Time Operator.....	2,062.64	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0260	WK	335 HP, D8 Bulldozer With Full-Time Operator.....	8,826.80	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0261	MO	335 HP, D8 Bulldozer With Full-Time Operator.....	30,284.56	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	
01590-0262	DAY	460 HP, D9 Bulldozer With Full-Time Operator.....	2,279.40	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0263	WK	460 HP, D9 Bulldozer With Full-Time Operator.....	9,688.68	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0264	MO	460 HP, D9 Bulldozer With Full-Time Operator.....	32,865.06	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	

01590-0265**Motor Scraper** (01590-0220)

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.

01590-0266	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator.....	1,428.23	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0267	WK	11 CY Motor Scraper-Hauler With Full-Time Operator.....	6,294.33	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	
01590-0268	MO	11 CY Motor Scraper-Hauler With Full-Time Operator.....	22,680.72	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-12,530.72	
01590-0269	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator.....	1,770.43	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-581.43	
01590-0270	WK	18 CY Motor Scraper-Hauler With Full-Time Operator.....	7,663.13	
		<i>01MOD-0040 For Equipment Without Operator, Deduct</i>	-2,907.13	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0271	MO 18 CY Motor Scraper-Hauler With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	26,798.72 -12,530.72	
01590-0272	DAY 24 CY Motor Scraper-Hauler With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	2,101.03 -581.43	
01590-0273	WK 24 CY Motor Scraper-Hauler With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	8,979.73 -2,907.13	
01590-0274	MO 24 CY Motor Scraper-Hauler With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	30,742.72 -12,530.72	
01590-0275 Hydraulic Excavators <small>(01590-0220)</small>			
Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.			
01590-0276	DAY 3/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	814.25 -581.43	
01590-0277	WK 3/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	3,823.87 -2,907.13	
01590-0278	MO 3/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	15,276.10 -12,530.72	
01590-0279	DAY 1/2 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	896.71 -581.43	
01590-0280	WK 1/2 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	4,139.16 -2,907.13	
01590-0281	MO 1/2 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	15,853.31 -12,530.72	
01590-0282	DAY 5/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	984.02 -581.43	
01590-0283	WK 5/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	4,507.79 -2,907.13	
01590-0284	MO 5/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	17,332.72 -12,530.72	
01590-0285	DAY 3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	950.07 -581.43	
01590-0286	WK 3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	4,381.68 -2,907.13	
01590-0287	MO 3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	16,944.68 -12,530.72	
01590-0288	DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	984.02 -581.43	
01590-0289	WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	4,507.79 -2,907.13	
01590-0290	MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	17,575.24 -12,530.72	
01590-0291	DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	1,245.95 -581.43	
01590-0292	WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	5,550.65 -2,907.13	
01590-0293	MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	20,461.29 -12,530.72	
01590-0294	DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	1,284.75 -581.43	
01590-0295	WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	5,720.42 -2,907.13	
01590-0296	MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	20,970.59 -12,530.72	
01590-0297	DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	1,357.51 -581.43	
01590-0298	WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	6,011.45 -2,907.13	
01590-0299	MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	21,843.68 -12,530.72	
01590-0300	DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	1,439.97 -581.43	
01590-0301	WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	6,336.43 -2,907.13	
01590-0302	MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	22,813.78 -12,530.72	
01590-0303	DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	1,464.22 -581.43	
01590-0304	WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	6,433.44 -2,907.13	
01590-0305	MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	23,104.81 -12,530.72	
01590-0306	DAY 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	1,697.05 -581.43	
01590-0307	WK 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	7,369.59 -2,907.13	
01590-0308	MO 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	25,918.10 -12,530.72	
01590-0309	DAY 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	2,031.73 -581.43	
01590-0310	WK 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator 01MOD-0040 For Equipment Without Operator, Deduct	8,698.63 -2,907.13	

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01590 Equipment Rentals**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01590-0311	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	29,895.51
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0312	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	67.91
01590-0313	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	261.93
01590-0314	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	776.08
01590-0315	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	300.73
01590-0316	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	795.48
01590-0317	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,226.38
01590-0318	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	465.65
01590-0319	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,188.37
01590-0320	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	3,089.77
01590-0321	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	649.97
01590-0322	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,751.03
01590-0323	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,908.71
01590-0324	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	135.81
01590-0325	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	543.26
01590-0326	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	1,629.77
01590-0327	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	194.02
01590-0328	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	776.08
01590-0329	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	2,328.24
01590-0330	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	213.42
01590-0331	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	843.99
01590-0332	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	2,522.26

01590-0333**Mini-Excavators** (01590-0220)

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

01590-0334	DAY	2000# Mini-Excavator With Full-Time Operator; Bobcat 316	785.15
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0335	WK	2000# Mini-Excavator With Full-Time Operator; Bobcat 316	3,484.34
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0336	MO	2000# Mini-Excavator With Full-Time Operator; Bobcat 316	13,801.55
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0337	DAY	3500# Mini-Excavator With Full-Time Operator; Bobcat 322 Or 323	790.00
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0338	WK	3500# Mini-Excavator With Full-Time Operator; Bobcat 322 Or 323	3,498.89
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0339	MO	3500# Mini-Excavator With Full-Time Operator; Bobcat 322 Or 323	14,107.13
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0340	DAY	6000# Mini-Excavator With Full-Time Operator; Bobcat 325 Or 328	814.25
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0341	WK	6000# Mini-Excavator With Full-Time Operator; Bobcat 325 Or 328	3,566.80
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0342	MO	6000# Mini-Excavator With Full-Time Operator; Bobcat 325 Or 328	14,150.79
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0343	DAY	7500# Mini-Excavator With Full-Time Operator; Bobcat 329, 331 Or 334	823.95
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0344	WK	7500# Mini-Excavator With Full-Time Operator; Bobcat 329, 331 Or 334	3,600.75
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0345	MO	7500# Mini-Excavator With Full-Time Operator; Bobcat 329, 331 Or 334	14,170.19
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0346	DAY	9500# Mini-Excavator With Full-Time Operator; Bobcat 335	882.16
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0347	WK	9500# Mini-Excavator With Full-Time Operator; Bobcat 335	3,649.26
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0348	MO	9500# Mini-Excavator With Full-Time Operator; Bobcat 335	14,732.85
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0349	DAY	11000# Mini-Excavator With Full-Time Operator; Bobcat 337	887.01
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0350	WK	11000# Mini-Excavator With Full-Time Operator; Bobcat 337	3,891.78
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0351	MO	11000# Mini-Excavator With Full-Time Operator; Bobcat 337	14,757.10
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72

01590-0352**Road Graders** (01590-0220)

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.

01590-0353	DAY	60 HP Road Grader With Full-Time Operator	1,060.97
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0354	WK	60 HP Road Grader With Full-Time Operator	4,204.36
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0355	MO	60 HP Road Grader With Full-Time Operator	16,410.11
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0356	DAY	80 HP Road Grader With Full-Time Operator	1,202.38
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43
01590-0357	WK	80 HP Road Grader With Full-Time Operator	4,597.83
	01MOD-0040	For Equipment Without Operator, Deduct	-2,907.13
01590-0358	MO	80 HP Road Grader With Full-Time Operator	17,602.82
	01MOD-0040	For Equipment Without Operator, Deduct	-12,530.72
01590-0359	DAY	130 HP Road Grader With Full-Time Operator	1,300.63
	01MOD-0040	For Equipment Without Operator, Deduct	-581.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0360 WK 130 HP Road Grader With Full-Time Operator.....	5,035.73	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0361 MO 130 HP Road Grader With Full-Time Operator.....	18,910.72	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0362 Loader-Backhoes With Standard Bucket (01590-0220)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0363 DAY 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	898.87	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0364 WK 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	3,661.04	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0365 MO 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	14,304.96	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0366 DAY 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	932.88	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0367 WK 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	3,780.08	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0368 MO 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	15,030.53	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0369 DAY 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	985.31	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0370 WK 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	3,910.45	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0371 MO 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	15,404.65	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0372 DAY 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	1,219.14	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0373 WK 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	4,607.68	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0374 MO 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	17,399.96	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0375 Heavy Duty Construction Loaders (01590-0220)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0376 DAY 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	997.82	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0377 WK 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	4,553.47	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0378 MO 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	17,463.34	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0379 DAY 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,343.74	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0380 WK 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	4,931.43	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0381 MO 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	17,655.52	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0382 DAY 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,420.62	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0383 WK 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	5,136.42	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0384 MO 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	18,168.00	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0385 DAY 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,632.01	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0386 WK 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	9,953.73	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0387 MO 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	19,577.32	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0388 DAY 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	2,176.52	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0389 WK 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	9,274.69	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0390 MO 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	31,620.60	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0391 DAY 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	5,763.82	
01MOD-0040 For Equipment Without Operator, Deduct	-581.43	
01590-0392 WK 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	19,735.51	
01MOD-0040 For Equipment Without Operator, Deduct	-2,907.13	
01590-0393 MO 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	58,392.62	
01MOD-0040 For Equipment Without Operator, Deduct	-12,530.72	
01590-0394 Shoring (01590-0220)		
Note: Includes delivery to job site and pick-up when complete.		
01590-0395 Aluminum Hydraulic Shoring (01590-0394)		
Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01590-0396 WK 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....	30.17	
Note: Up to 88" spread width.		
01590-0397 MO 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....	88.99	
Note: Up to 88" spread width.		

01000 General Requirements**01500 Construction Facilities And Temporary Construction****01590 Equipment Rentals**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0398 WK Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	40.47	
01590-0399 MO Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	119.38	
01590-0400 WK Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	75.05	
01590-0401 MO Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	221.40	
01590-0402 EA Set-up And Remove Aluminum Hydraulic Shores, 1 Cylinder	20.11	
01590-0403 EA Set-up And Remove Aluminum Hydraulic Shores, 2 Cylinders.....	32.18	
01590-0404 EA Set-up And Remove Aluminum Hydraulic Shores, 3 Cylinders.....	53.63	

01590-0405**Trench Boxes/Trench Shields** (01590-0220)

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

01590-0406 WK 4' x 6' Trench Box With Up To 48" Spreaders.....	162.38
01590-0407 MO 4' x 6' Trench Box With Up To 48" Spreaders.....	487.13
01590-0408 WK 6' x 6' Trench Box With Up To 48" Spreaders.....	183.33
01590-0409 MO 6' x 6' Trench Box With Up To 48" Spreaders.....	549.99
01590-0410 WK 8' x 6' Trench Box With Up To 48" Spreaders.....	193.81
01590-0411 MO 8' x 6' Trench Box With Up To 48" Spreaders.....	581.42
01590-0412 WK 4' x 8' Trench Box With Up To 48" Spreaders.....	178.09
01590-0413 MO 4' x 8' Trench Box With Up To 48" Spreaders.....	534.28
01590-0414 WK 6' x 8' Trench Box With Up To 48" Spreaders.....	209.52
01590-0415 MO 6' x 8' Trench Box With Up To 48" Spreaders.....	628.56
01590-0416 WK 8' x 8' Trench Box With Up To 48" Spreaders.....	235.71
01590-0417 MO 8' x 8' Trench Box With Up To 48" Spreaders.....	707.13
01590-0418 WK 4' x 10' Trench Box With Up To 48" Spreaders.....	199.04
01590-0419 MO 4' x 10' Trench Box With Up To 48" Spreaders.....	597.13
01590-0420 WK 6' x 10' Trench Box With Up To 48" Spreaders.....	235.71
01590-0421 MO 6' x 10' Trench Box With Up To 48" Spreaders.....	707.13
01590-0422 WK 8' x 10' Trench Box With Up To 48" Spreaders.....	288.09
01590-0423 MO 8' x 10' Trench Box With Up To 48" Spreaders.....	859.03
01590-0424 WK 4' x 12' Trench Box With Up To 48" Spreaders.....	235.71
01590-0425 MO 4' x 12' Trench Box With Up To 48" Spreaders.....	707.13
01590-0426 WK 6' x 12' Trench Box With Up To 48" Spreaders.....	288.09
01590-0427 MO 6' x 12' Trench Box With Up To 48" Spreaders.....	864.27
01590-0428 WK 8' x 12' Trench Box With Up To 48" Spreaders.....	366.66
01590-0429 MO 8' x 12' Trench Box With Up To 48" Spreaders.....	1,099.98
01590-0430 WK 4' x 14' Trench Box With Up To 48" Spreaders.....	261.90
01590-0431 MO 4' x 14' Trench Box With Up To 48" Spreaders.....	785.70
01590-0432 WK 6' x 14' Trench Box With Up To 48" Spreaders.....	340.47
01590-0433 MO 6' x 14' Trench Box With Up To 48" Spreaders.....	1,021.41
01590-0434 WK 8' x 14' Trench Box With Up To 48" Spreaders.....	419.04
01590-0435 MO 8' x 14' Trench Box With Up To 48" Spreaders.....	1,257.12
01590-0436 WK 4' x 16' Trench Box With Up To 48" Spreaders.....	288.09
01590-0437 MO 4' x 16' Trench Box With Up To 48" Spreaders.....	864.27
01590-0438 WK 6' x 16' Trench Box With Up To 48" Spreaders.....	392.85
01590-0439 MO 6' x 16' Trench Box With Up To 48" Spreaders.....	1,178.55
01590-0440 WK 8' x 16' Trench Box With Up To 48" Spreaders.....	471.42
01590-0441 MO 8' x 16' Trench Box With Up To 48" Spreaders.....	1,414.26
01590-0442 WK 4' x 20' Trench Box With Up To 48" Spreaders.....	340.47
01590-0443 MO 4' x 20' Trench Box With Up To 48" Spreaders.....	1,021.41
01590-0444 WK 6' x 20' Trench Box With Up To 48" Spreaders.....	471.42
01590-0445 MO 6' x 20' Trench Box With Up To 48" Spreaders.....	1,414.26
01590-0446 WK 8' x 20' Trench Box With Up To 48" Spreaders.....	549.99
01590-0447 MO 8' x 20' Trench Box With Up To 48" Spreaders.....	1,649.97
01590-0448 WK 4' x 24' Trench Box With Up To 48" Spreaders.....	471.42
01590-0449 MO 4' x 24' Trench Box With Up To 48" Spreaders.....	1,414.26
01590-0450 WK 6' x 24' Trench Box With Up To 48" Spreaders.....	576.18
01590-0451 MO 6' x 24' Trench Box With Up To 48" Spreaders.....	1,728.54
01590-0452 WK 8' x 24' Trench Box With Up To 48" Spreaders.....	628.56
01590-0453 MO 8' x 24' Trench Box With Up To 48" Spreaders.....	1,885.68
01590-0454 WK For Spreaders > 48" To 84", Add.....	15.71
01590-0455 MO For Spreaders > 48" To 84", Add.....	47.14
01590-0456 WK For Spreaders > 84" To 120", Add.....	94.28
01590-0457 MO For Spreaders > 84" To 120", Add.....	282.85
01590-0458 WK For Spreaders > 120", Add.....	199.04
01590-0459 MO For Spreaders > 120", Add.....	597.13
01590-0460 WK 8' x 4' Manhole Box.....	247.50
01590-0461 MO 8' x 4' Manhole Box.....	742.49
01590-0462 WK 8' x 8' Manhole Box.....	353.57
01590-0463 MO 8' x 8' Manhole Box.....	1,060.70

01590-0464**Trenchers** (01590-0220)

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.

01590-0465 DAY 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	880.09
01MOD-0024 For Equipment Without Operator, Deduct	-581.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0466 WK 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	3,924.43	
01MOD-0024 For Equipment Without Operator, Deduct	-2,907.13	
01590-0467 MO 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	15,330.62	
01MOD-0024 For Equipment Without Operator, Deduct	-12,530.72	
01590-0468 DAY 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,384.07	
01MOD-0024 For Equipment Without Operator, Deduct	-581.43	
01590-0469 WK 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	5,623.03	
01MOD-0024 For Equipment Without Operator, Deduct	-2,907.13	
01590-0470 MO 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	19,997.12	
01MOD-0024 For Equipment Without Operator, Deduct	-12,530.72	

01590-0471

Heavy Equipment Mats (01590-0220)

Note: Rental price per mat. Excludes mobilization and demobilization. See CSI section 01590-1010 for equipment delivery, pickup, mobilization and demobilization.

01590-0472 Day 14' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat.....	20.00
01590-0473 WK 14' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat.....	47.62
01590-0474 MO 14' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat.....	100.00
01590-0475 Day 16' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat.....	21.00
01590-0476 WK 16' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat.....	50.00
01590-0477 MO 16' Width x 8' Length, 3-Ply Laminated Heavy Equipment Mat.....	105.00
01590-0478 Day 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	17.00
01590-0479 WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	40.00
01590-0480 MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	85.00
01590-0481 Day 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	19.00
01590-0482 WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	45.00
01590-0483 MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	95.00
01590-0484 Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	21.00
01590-0485 WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	50.00
01590-0486 MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	105.00
01590-0487 Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.00
01590-0488 WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	54.76
01590-0489 MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	115.00
01590-0490 Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	18.00
01590-0491 WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	50.00
01590-0492 MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	90.00
01590-0493 Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	21.00
01590-0494 WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	50.00
01590-0495 MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	105.00
01590-0496 Day 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	25.00
01590-0497 WK 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	55.00
01590-0498 MO 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	125.00
01590-0499 Day 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	27.00
01590-0500 WK 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	64.29
01590-0501 MO 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	135.00
01590-0502 Day 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	29.00
01590-0503 WK 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	69.05
01590-0504 MO 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	145.00
01590-0505 Day 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	30.00
01590-0506 WK 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	71.43
01590-0507 MO 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	150.00
01590-0508 Day 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.62
01590-0509 WK 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.05
01590-0510 MO 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.15
01590-0511 Day 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.50
01590-0512 WK 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.75
01590-0513 MO 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	86.25
01590-0514 Day 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.13
01590-0515 WK 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.83
01590-0516 MO 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.50
01590-0517 Day 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.00
01590-0518 WK 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.00
01590-0519 MO 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.00
01590-0520 Day 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.00
01590-0521 WK 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.00
01590-0522 MO 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.00
01590-0523 Day 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.39
01590-0524 WK 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.97
01590-0525 MO 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	137.90
01590-0526 Day 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.15
01590-0527 WK 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.37
01590-0528 MO 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	106.10
01590-0529 Day 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.15
01590-0530 WK 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.88
01590-0531 MO 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	143.65
01590-0532 Day 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.56
01590-0533 WK 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.40
01590-0534 MO 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.20
01590-0535 Day 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.62
01590-0536 WK 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	69.05
01590-0537 MO 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	207.14
01590-0538 Day 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.44

01000	General Requirements
01500	Construction Facilities And Temporary Construction
01590	Equipment Rentals



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0539	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....	73.60	
01590-0540	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....	220.80	
01590-0541		Electrical Equipment (01590)		
01590-0542		Floodlights (01590-0541)		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01590-0543	DAY	4-1000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	142.17	
01590-0544	WK	4-1000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	315.26	
01590-0545	MO	4-1000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	679.96	
01590-0546		Generator Sets (01590-0541)		
01590-0547		Portable, Gas Or Diesel Powered Generator Sets (01590-0546)		
		Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes operator and off-road fuel costs. See CSI section 01590-0636 for reimbursable fuel fees.		
01590-0548	DAY	3.6 KW, 8 HP Gas Powered Generator Set.....	43.00	
		01MOD-0025 For LP Or NG Gas, Add.....	5.38	
01590-0549	WK	3.6 KW, 8 HP Gas Powered Generator Set.....	155.00	
		01MOD-0025 For LP Or NG Gas, Add.....	19.38	
01590-0550	MO	3.6 KW, 8 HP Gas Powered Generator Set.....	430.00	
		01MOD-0025 For LP Or NG Gas, Add.....	53.75	
01590-0551	DAY	5 KW, 11 HP Gas Powered Generator Set.....	61.00	
		01MOD-0025 For LP Or NG Gas, Add.....	7.63	
01590-0552	WK	5 KW, 11 HP Gas Powered Generator Set.....	195.00	
		01MOD-0025 For LP Or NG Gas, Add.....	24.38	
01590-0553	MO	5 KW, 11 HP Gas Powered Generator Set.....	445.00	
		01MOD-0025 For LP Or NG Gas, Add.....	55.63	
01590-0554	DAY	6.5 KW, 13 HP Gas Powered Generator Set.....	78.00	
		01MOD-0025 For LP Or NG Gas, Add.....	9.75	
01590-0555	WK	6.5 KW, 13 HP Gas Powered Generator Set.....	210.00	
		01MOD-0025 For LP Or NG Gas, Add.....	26.25	
01590-0556	MO	6.5 KW, 13 HP Gas Powered Generator Set.....	580.00	
		01MOD-0025 For LP Or NG Gas, Add.....	72.50	
01590-0557	DAY	10 KW, 18 HP Gas Powered Generator Set.....	87.00	
		01MOD-0025 For LP Or NG Gas, Add.....	10.88	
01590-0558	WK	10 KW, 18 HP Gas Powered Generator Set.....	235.00	
		01MOD-0025 For LP Or NG Gas, Add.....	29.38	
01590-0559	MO	10 KW, 18 HP Gas Powered Generator Set.....	675.00	
		01MOD-0025 For LP Or NG Gas, Add.....	84.38	
01590-0560		Towable, Diesel Powered Generator Sets (01590-0546)		
		Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes operator and off-road fuel costs. See CSI section 01590-0636 for reimbursable fuel fees.		
01590-0561	DAY	20 KW, 60 Hertz Diesel Powered Generator Set.....	179.00	
		Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour		
01590-0562	WK	20 KW, 60 Hertz Diesel Powered Generator Set.....	468.00	
		Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour		
01590-0563	MO	20 KW, 60 Hertz Diesel Powered Generator Set.....	1,275.00	
		Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour		
01590-0564	DAY	40.0 KW, 60 Hertz Diesel Powered Generator Set.....	229.07	
		Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour		
01590-0565	WK	40.0 KW, 60 Hertz Diesel Powered Generator Set.....	515.95	
		Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour		
01590-0566	MO	40.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,374.41	
		Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour		
01590-0567	DAY	70.0 KW, 60 Hertz Diesel Powered Generator Set.....	299.97	
		Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour		
01590-0568	WK	70.0 KW, 60 Hertz Diesel Powered Generator Set.....	672.66	
		Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour		
01590-0569	MO	70.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,868.00	
		Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour		
01590-0570	DAY	100.0 KW, 60 Hertz Diesel Powered Generator Set.....	377.24	
		Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour		
01590-0571	WK	100.0 KW, 60 Hertz Diesel Powered Generator Set.....	831.74	
		Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour		
01590-0572	MO	100.0 KW, 60 Hertz Diesel Powered Generator Set.....	2,367.94	
		Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour		



General Requirements 01000	10
Construction Facilities And Temporary Construction 01500	
Equipment Rentals 01590	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0573	DAY	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour	388.60	
01590-0574	WK	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour	895.36	
01590-0575	MO	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour	2,758.82	
01590-0576	DAY	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour	399.96	
01590-0577	WK	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour	954.45	
01590-0578	MO	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour	3,149.68	
01590-0579	DAY	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour	438.14	
01590-0580	WK	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour	996.26	
01590-0581	MO	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour	3,149.68	
01590-0582	DAY	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour	580.85	
01590-0583	WK	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour	1,492.58	
01590-0584	MO	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour	3,681.45	
01590-0585	DAY	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour	545.40	
01590-0586	WK	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour	1,363.50	
01590-0587	MO	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour	4,090.50	
01590-0588	DAY	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour	872.64	
01590-0589	WK	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour	1,963.44	
01590-0590	MO	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour	5,235.84	
01590-0591	DAY	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour	931.72	
01590-0592	WK	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour	2,254.32	
01590-0593	MO	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour	6,590.25	
01590-0594	DAY	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour	1,039.90	
01590-0595	WK	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour	2,363.40	
01590-0596	MO	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour	7,090.20	
01590-0597	DAY	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour	1,454.40	
01590-0598	WK	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour	3,636.00	
01590-0599	MO	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour	10,908.00	
01590-0600	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	655.81	
01590-0601	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,038.92	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01590-0602	Generator Accessories <small>(01590-0546)</small>	
	Note: Includes delivery to job site and pick-up when complete.	
01590-0603	Step Down Transformer <small>(01590-0602)</small>	
01590-0604	WK 150 KVA, 480-208, Step Down Transformer.....	429.96
01590-0605	MO 150 KVA, 480-208, Step Down Transformer.....	1,288.96
01590-0606	WK 225 KVA, 480-208, Step Down Transformer.....	572.67
01590-0607	MO 225 KVA, 480-208, Step Down Transformer.....	1,718.01
01590-0608	WK 2,500 KVA, 480-13,800/4160V, Step Down Transformer.....	954.45
01590-0609	MO 2,500 KVA, 480-13,800/4160V, Step Down Transformer.....	2,863.35
01590-0610	Portable Panel <small>(01590-0602)</small>	
01590-0611	WK 100 Amp Portable Panel.....	213.62
01590-0612	MO 100 Amp Portable Panel.....	545.40
01590-0613	WK 200 Amp Portable Panel.....	255.43
01590-0614	MO 200 Amp Portable Panel.....	681.75
01590-0615	WK 400 Amp Portable Panel.....	272.70
01590-0616	MO 400 Amp Portable Panel.....	818.10
01590-0617	Portable Fusible Disconnect <small>(01590-0602)</small>	
01590-0618	WK 100 - 200 Amp Portable Fusible Disconnect.....	95.44
01590-0619	MO 100 - 200 Amp Portable Fusible Disconnect.....	286.34
01590-0620	WK 300 - 400 Amp Portable Fusible Disconnect.....	190.89
01590-0621	MO 300 - 400 Amp Portable Fusible Disconnect.....	572.67
01590-0622	Portable Transfer Switch <small>(01590-0602)</small>	
01590-0623	WK 100 Amp, 480V Portable Transfer Switch.....	286.34
01590-0624	MO 100 Amp, 480V Portable Transfer Switch.....	859.00
01590-0625	WK 200 Amp, 480V Portable Transfer Switch.....	381.78
01590-0626	MO 200 Amp, 480V Portable Transfer Switch.....	1,145.34
01590-0627	WK 400 Amp, 480V Portable Transfer Switch.....	477.22
01590-0628	MO 400 Amp, 480V Portable Transfer Switch.....	1,431.68
01590-0629	Cabling For Generator Sets <small>(01590-0546)</small>	
	Note: Includes delivery to job site and pick-up when complete.	
01590-0630	DAY #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	20.00
01590-0631	WK #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	35.00
01590-0632	MO #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	104.99
01590-0633	DAY 4/0 Cable, 50' With Camlock Ends For Generator Set.....	10.00
01590-0634	WK 4/0 Cable, 50' With Camlock Ends For Generator Set.....	29.09
01590-0635	MO 4/0 Cable, 50' With Camlock Ends For Generator Set.....	80.90
01590-0636	Fuel Reimbursement For Generators <small>(01590-0546)</small>	
01590-0637	EA Fuel Reimbursement For Generators.....	1.00
	Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost, i.e.; quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	
01590-0638	General Equipment <small>(01590)</small>	
01590-0639	Jacks And Bracing <small>(01590-0638)</small>	
	Note: Includes delivery to job site and pick-up when complete.	
01590-0640	Manual Hydraulic Jacks <small>(01590-0639)</small>	
01590-0641	DAY 12 Ton Manual Hydraulic Bottle Jack.....	12.76
01590-0642	WK 12 Ton Manual Hydraulic Bottle Jack.....	33.18
01590-0643	MO 12 Ton Manual Hydraulic Bottle Jack.....	58.70
01590-0644	DAY 20 Ton Manual Hydraulic Bottle Jack.....	25.52
01590-0645	WK 20 Ton Manual Hydraulic Bottle Jack.....	71.46
01590-0646	MO 20 Ton Manual Hydraulic Bottle Jack.....	140.36
01590-0647	DAY 50 Ton Manual Hydraulic Bottle Jack.....	39.56
01590-0648	WK 50 Ton Manual Hydraulic Bottle Jack.....	98.25
01590-0649	MO 50 Ton Manual Hydraulic Bottle Jack.....	165.88
01590-0650	DAY 100 Ton Manual Hydraulic Bottle Jack.....	104.63
01590-0651	WK 100 Ton Manual Hydraulic Bottle Jack.....	251.37
01590-0652	MO 100 Ton Manual Hydraulic Bottle Jack.....	418.53
01590-0653	Manual Screw Jacks <small>(01590-0639)</small>	
01590-0654	DAY 10 To 20 Ton Manual Screw Jack.....	16.59
01590-0655	WK 10 To 20 Ton Manual Screw Jack.....	44.66
01590-0656	MO 10 To 20 Ton Manual Screw Jack.....	123.77



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0657	Pressure Washers <small>(01590-0638)</small>	Note: Includes full-time operator, delivery, set-up, and removal.		
	01590-0658 DAY 2,000 PSI Pressure Washer With Full-Time Operator		570.07	
	01MOD-0026 For Equipment Without Operator, Deduct		-512.34	
	01590-0659 WK 2,000 PSI Pressure Washer With Full-Time Operator		2,708.23	
	01MOD-0026 For Equipment Without Operator, Deduct		-2,561.69	
	01590-0660 MO 2,000 PSI Pressure Washer With Full-Time Operator		11,414.78	
	01MOD-0026 For Equipment Without Operator, Deduct		-11,041.78	
	01590-0661 DAY 3,000 PSI Pressure Washer With Full-Time Operator		570.07	
	01MOD-0026 For Equipment Without Operator, Deduct		-512.34	
	01590-0662 WK 3,000 PSI Pressure Washer With Full-Time Operator		2,708.23	
	01MOD-0026 For Equipment Without Operator, Deduct		-2,561.69	
	01590-0663 MO 3,000 PSI Pressure Washer With Full-Time Operator		11,414.78	
	01MOD-0026 For Equipment Without Operator, Deduct		-11,041.78	
	01590-0664 DAY 4,000 PSI Pressure Washer With Full-Time Operator		601.15	
	01MOD-0026 For Equipment Without Operator, Deduct		-512.34	
	01590-0665 WK 4,000 PSI Pressure Washer With Full-Time Operator		2,801.48	
	01MOD-0026 For Equipment Without Operator, Deduct		-2,561.69	
	01590-0666 MO 4,000 PSI Pressure Washer With Full-Time Operator		11,716.74	
	01MOD-0026 For Equipment Without Operator, Deduct		-11,041.78	
01590-0667	Space Heaters <small>(01590-0638)</small>	Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
	01590-0668 DAY 150,000 BTU/Hour Space Heater		44.30	
	01590-0669 WK 150,000 BTU/Hour Space Heater		127.37	
	01590-0670 MO 150,000 BTU/Hour Space Heater		359.97	
	01590-0671 DAY 500,000 BTU/Hour Space Heater		94.15	
	01590-0672 WK 500,000 BTU/Hour Space Heater		232.60	
	01590-0673 MO 500,000 BTU/Hour Space Heater		588.14	
01590-0674	Confined Space Entry Equipment <small>(01590-0638)</small>	Note: Includes delivery, set-up, and removal.		
	01590-0675 DAY Ventilation Equipment For Confined Spaces		47.47	
	01590-0676 WK Ventilation Equipment For Confined Spaces		142.42	
	01590-0677 MO Ventilation Equipment For Confined Spaces		424.99	
	01590-0678 WK Confined Spaces Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly		88.46	
	01590-0679 DAY Confined Space Air Monitor Personnel		567.65	
	Note: Per Person Needed, Per Day			
01590-0680	Portable Floor Drying Fans <small>(01590-0638)</small>	Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
	01590-0681 DAY 2,250 CFM Portable Floor Drying Fan		15.23	
	01590-0682 WK 2,250 CFM Portable Floor Drying Fan		70.43	
	01590-0683 MO 2,250 CFM Portable Floor Drying Fan		233.17	
01590-0684	Portable Dehumidifiers <small>(01590-0638)</small>	Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
	01590-0685 DAY 15 Gallons Per Day, Portable Dehumidifier		52.34	
	01590-0686 WK 15 Gallons Per Day, Portable Dehumidifier		171.31	
	01590-0687 MO 15 Gallons Per Day, Portable Dehumidifier		485.37	
	01590-0688 DAY 25 Gallons Per Day, Portable Dehumidifier		77.09	
	01590-0689 WK 25 Gallons Per Day, Portable Dehumidifier		247.44	
	01590-0690 MO 25 Gallons Per Day, Portable Dehumidifier		689.98	
01590-0691	Material Handling Equipment <small>(01590)</small>			
01590-0692	Cranes, Hydraulic Truck Mounted, Up To 110' <small>(01590-0691)</small>	Note: With full-time operator. See CSI section 01590-1009 for equipment mobilization/demobilization.		
	01590-0693 DAY 6 Ton Lift Hydraulic Crane With Full-Time Operator		910.21	
	01MOD-0027 For Equipment Without Operator, Deduct		-581.43	
	01590-0694 WK 6 Ton Lift Hydraulic Crane With Full-Time Operator		3,903.14	
	01MOD-0027 For Equipment Without Operator, Deduct		-2,907.13	
	01590-0695 MO 6 Ton Lift Hydraulic Crane With Full-Time Operator		15,528.42	
	01MOD-0027 For Equipment Without Operator, Deduct		-12,530.72	
	01590-0696 DAY 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator		997.24	
	01MOD-0027 For Equipment Without Operator, Deduct		-581.43	
	01590-0697 WK 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator		4,161.81	
	01MOD-0027 For Equipment Without Operator, Deduct		-2,907.13	
	01590-0698 MO 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator		16,302.02	
	01MOD-0027 For Equipment Without Operator, Deduct		-12,530.72	
	01590-0699 DAY 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator		1,084.27	
	01MOD-0027 For Equipment Without Operator, Deduct		-581.43	
	01590-0700 WK 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator		4,420.49	
	01MOD-0027 For Equipment Without Operator, Deduct		-2,907.13	
	01590-0701 MO 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator		17,075.62	
	01MOD-0027 For Equipment Without Operator, Deduct		-12,530.72	

01000	General Requirements
01500	Construction Facilities And Temporary Construction
01590	Equipment Rentals



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0702	DAY	20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	1,200.31	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0703	WK	20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	4,768.61	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0704	MO	20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	18,115.14	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0705	DAY	30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	1,306.68	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0706	WK	30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	5,489.02	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0707	MO	30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	20,274.46	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0708	DAY	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	1,558.10	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0709	WK	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	6,388.33	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0710	MO	40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	22,974.32	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0711	DAY	50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	1,717.65	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0712	WK	50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	6,949.19	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0713	MO	50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	24,660.77	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0714	DAY	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	1,843.37	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0715	WK	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	7,403.68	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0716	MO	60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	26,022.30	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0717	DAY	70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	1,969.07	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0718	WK	70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	7,858.17	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0719	MO	70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	27,383.84	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0720	DAY	90 Ton Lift Hydraulic Crane With Full-Time Operator	2,051.27	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0721	WK	90 Ton Lift Hydraulic Crane With Full-Time Operator	8,138.60	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0722	MO	90 Ton Lift Hydraulic Crane With Full-Time Operator	28,234.80	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0723	DAY	100 Ton Lift Hydraulic Crane With Full-Time Operator	2,162.47	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0724	WK	100 Ton Lift Hydraulic Crane With Full-Time Operator	8,554.41	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0725	MO	100 Ton Lift Hydraulic Crane With Full-Time Operator	29,472.56	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0726		Cranes, Mechanical, Cable Controlled Lattice Boom, Truck Mounted <small>(01590-0691)</small>		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0727	DAY	75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	1,741.83	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0728	WK	75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	7,045.89	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0729	MO	75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	24,947.00	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0730	DAY	100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	2,636.31	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0731	WK	100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	8,535.07	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0732	MO	100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	29,414.54	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0733	DAY	125 Ton Lift Mechanical Crane With Full-Time Operator	2,781.35	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0734	WK	125 Ton Lift Mechanical Crane With Full-Time Operator	9,593.93	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0735	MO	125 Ton Lift Mechanical Crane With Full-Time Operator	32,590.17	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0736	DAY	150 Ton Lift Mechanical Crane With Full-Time Operator	3,071.45	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0737	WK	150 Ton Lift Mechanical Crane With Full-Time Operator	10,652.80	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0738	MO	150 Ton Lift Mechanical Crane With Full-Time Operator	35,761.93	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	
01590-0739	DAY	250 Ton Lift Mechanical Crane With Full-Time Operator	3,347.05	
	01MOD-0027	For Equipment Without Operator, Deduct	-581.43	
01590-0740	WK	250 Ton Lift Mechanical Crane With Full-Time Operator	12,770.53	
	01MOD-0027	For Equipment Without Operator, Deduct	-2,907.13	
01590-0741	MO	250 Ton Lift Mechanical Crane With Full-Time Operator	42,120.92	
	01MOD-0027	For Equipment Without Operator, Deduct	-12,530.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0742 DAY 300 Ton Lift Mechanical Crane With Full-Time Operator.....	3,801.54	
01MOD-0027 For Equipment Without Operator, Deduct	-581.43	
01590-0743 WK 300 Ton Lift Mechanical Crane With Full-Time Operator.....	14,399.93	
01MOD-0027 For Equipment Without Operator, Deduct	-2,907.13	
01590-0744 MO 300 Ton Lift Mechanical Crane With Full-Time Operator.....	47,002.34	
01MOD-0027 For Equipment Without Operator, Deduct	-12,530.72	
01590-0745 DAY 500 Ton Lift Mechanical Crane With Full-Time Operator.....	6,596.17	
01MOD-0027 For Equipment Without Operator, Deduct	-581.43	
01590-0746 WK 500 Ton Lift Mechanical Crane With Full-Time Operator.....	24,360.03	
01MOD-0027 For Equipment Without Operator, Deduct	-2,907.13	
01590-0747 MO 500 Ton Lift Mechanical Crane With Full-Time Operator.....	76,894.24	
01MOD-0027 For Equipment Without Operator, Deduct	-12,530.72	
01590-0748 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01590-0691)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01590-0749 DAY 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	918.39	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01590-0750 WK 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	3,696.63	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01590-0751 MO 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	14,079.79	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01590-0752 DAY 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	955.31	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01590-0753 WK 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	3,779.70	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01590-0754 MO 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	14,264.39	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01590-0755 DAY 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	946.08	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01590-0756 WK 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	3,821.24	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01590-0757 MO 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	14,541.29	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01590-0758 DAY 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,052.23	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01590-0759 WK 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,098.14	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01590-0760 MO 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	15,187.39	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01590-0761 Straight Mast, Rough Terrain Construction Forklifts (01590-0691)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.		
01590-0762 DAY 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	795.63	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	45.60	
01590-0763 WK 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	3,460.80	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	124.51	
01590-0764 MO 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	13,658.67	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	284.98	
01590-0765 DAY 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	807.63	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	48.00	
01590-0766 WK 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	3,493.57	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	131.07	
01590-0767 MO 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	13,733.67	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	299.98	
01590-0768 DAY 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	872.24	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	60.92	
01590-0769 WK 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	3,673.56	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	167.06	
01590-0770 MO 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	14,149.01	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	383.04	
01590-0771 DAY 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	907.82	
01MOD-0027 For Equipment Without Operator, Deduct	-567.65	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	68.03	
01590-0772 WK 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	3,658.14	
01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	163.98	
01590-0773 MO 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	14,274.82	
01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79	
01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	408.21	

01000	General Requirements
01500	Construction Facilities And Temporary Construction
01590	Equipment Rentals



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01590-0774	Straight Mast, Industrial Warehouse Forklifts <small>(01590-0691)</small>	
	Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01590-1009 for equipment mobilization/demobilization.	
01590-0775	DAY 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	761.48
	01MOD-0027 For Equipment Without Operator, Deduct	-567.65
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	38.77
01590-0776	WK 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,281.28
	01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	88.61
01590-0777	MO 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	13,295.24
	01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	212.29
01590-0778	DAY 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	766.09
	01MOD-0027 For Equipment Without Operator, Deduct	-567.65
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	39.69
01590-0779	WK 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,295.12
	01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	91.38
01590-0780	MO 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	13,327.55
	01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	218.75
01590-0781	DAY 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	863.01
	01MOD-0027 For Equipment Without Operator, Deduct	-567.65
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	59.07
01590-0782	WK 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,507.42
	01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	133.84
01590-0783	MO 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	13,849.04
	01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	323.05
01590-0784	DAY 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	872.24
	01MOD-0027 For Equipment Without Operator, Deduct	-567.65
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	60.92
01590-0785	WK 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,585.87
	01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	149.53
01590-0786	MO 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	14,125.94
	01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	378.43
01590-0787	DAY 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	955.31
	01MOD-0027 For Equipment Without Operator, Deduct	-567.65
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	77.53
01590-0788	WK 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,719.70
	01MOD-0027 For Equipment Without Operator, Deduct	-2,838.24
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	176.29
01590-0789	MO 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	14,356.69
	01MOD-0027 For Equipment Without Operator, Deduct	-12,233.79
	01MOD-0028 For Propane Instead Of Gas Or Diesel, Add	424.58
01590-0790	Chain Hoists <small>(01590-0691)</small>	
	Note: Includes delivery to job site and pick-up when complete.	
01590-0791	DAY 1 Ton, 20' Lift, Manual Chain Hoist	12.76
01590-0792	WK 1 Ton, 20' Lift, Manual Chain Hoist	34.45
01590-0793	MO 1 Ton, 20' Lift, Manual Chain Hoist	86.77
01590-0794	DAY 3 Ton, 20' Lift, Manual Chain Hoist	28.07
01590-0795	WK 3 Ton, 20' Lift, Manual Chain Hoist	67.63
01590-0796	MO 3 Ton, 20' Lift, Manual Chain Hoist	168.43
01590-0797	DAY 5 Ton, 20' Lift, Manual Chain Hoist	40.83
01590-0798	WK 5 Ton, 20' Lift, Manual Chain Hoist	98.25
01590-0799	MO 5 Ton, 20' Lift, Manual Chain Hoist	244.99
01590-0800	DAY 2 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	81.66
01590-0801	WK 2 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	196.50
01590-0802	MO 2 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	489.98
01590-0803	DAY 3 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	91.87
01590-0804	WK 3 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	222.02
01590-0805	MO 3 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	551.23
01590-0806	DAY 5 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	114.84
01590-0807	WK 5 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	276.89
01590-0808	MO 5 Ton, 20' Lift, 2-Speed, 230/460V 60 Cycle, Electric Chain Hoist	689.04
01590-0809	Pumping Equipment <small>(01590)</small>	
01590-0810	Gas Powered Portable Centrifugal Pumps <small>(01590-0609)</small>	
	Note: Includes delivery, set-up, and removal. Excludes operator.	
01590-0811	DAY 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	45.18
01590-0812	WK 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	101.65
01590-0813	MO 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	271.06
01590-0814	DAY 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	54.21
01590-0815	WK 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	121.98
01590-0816	MO 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	325.27



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0817	Gas Powered Portable Diaphragm Pumps <small>(01590-0809)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0818	DAY 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	51.95	
01590-0819	WK 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	146.82	
01590-0820	MO 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	372.70	
01590-0821	DAY 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	63.25	
01590-0822	WK 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	169.41	
01590-0823	MO 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	480.00	
01590-0824	Gas Powered Portable Trash Pumps <small>(01590-0809)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0825	DAY 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	65.51	
01590-0826	WK 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	135.53	
01590-0827	MO 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	406.58	
01590-0828	DAY 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	65.51	
01590-0829	WK 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	175.06	
01590-0830	MO 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	480.00	
01590-0831	DAY 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	103.90	
01590-0832	WK 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	293.64	
01590-0833	MO 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	852.70	
01590-0834	Diesel Powered Portable Trash Pumps <small>(01590-0809)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0835	DAY 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	203.29	
01590-0836	WK 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	553.41	
01590-0837	MO 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	2,411.27	
01590-0838	DAY 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	310.58	
01590-0839	WK 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	813.17	
01590-0840	MO 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,162.80	
01590-0841	DAY 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	422.40	
01590-0842	WK 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,130.53	
01590-0843	MO 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,024.53	
01590-0844	DAY 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	546.63	
01590-0845	WK 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,395.94	
01590-0846	MO 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	4,099.72	
01590-0847	Diesel Powered Portable Silenced Environmental Trash Pumps <small>(01590-0809)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0848	DAY 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	290.26	
01590-0849	WK 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	660.70	
01590-0850	MO 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,060.03	
01590-0851	DAY 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	355.76	
01590-0852	WK 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	886.58	
01590-0853	MO 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,411.27	
01590-0854	DAY 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	429.17	
01590-0855	WK 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,269.45	
01590-0856	MO 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,540.67	
01590-0857	DAY 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	646.02	
01590-0858	WK 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,650.05	
01590-0859	MO 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,845.13	
01590-0860	3 Phase Electric Submersible Pumps <small>(01590-0809)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0861	DAY 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	112.94	
01590-0862	WK 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	282.35	
01590-0863	MO 24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	847.05	
01590-0864	DAY 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	149.08	
01590-0865	WK 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	372.70	
01590-0866	MO 49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,118.11	
01590-0867	Hydraulic Submersible Pumps <small>(01590-0809)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01590-0868	DAY 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	74.54	
01590-0869	WK 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	199.90	
01590-0870	MO 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	559.05	
01590-0871	DAY 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	94.87	
01590-0872	WK 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	243.95	
01590-0873	MO 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	745.40	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01590-0874	Suction Hose With Couplings (01590-0809)	
	Note: Includes delivery, set-up, and removal.	
01590-0875	DAY 1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	7.79
01590-0876	WK 1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	19.48
01590-0877	MO 1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	48.06
01590-0878	DAY 2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	9.09
01590-0879	WK 2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	20.78
01590-0880	MO 2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	50.65
01590-0881	DAY 3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	19.48
01590-0882	WK 3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	42.86
01590-0883	MO 3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	115.59
01590-0884	DAY 4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.68
01590-0885	WK 4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	55.85
01590-0886	MO 4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	149.36
01590-0887	DAY 6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	32.47
01590-0888	WK 6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	75.33
01590-0889	MO 6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	170.14

01590-0890	Discharge Hose With Couplings (01590-0809)	
	Note: Includes delivery, set-up, and removal.	
01590-0891	DAY 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	11.29
01590-0892	WK 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	23.72
01590-0893	MO 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	50.82
01590-0894	DAY 2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	18.07
01590-0895	WK 2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	25.98
01590-0896	MO 2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	54.21
01590-0897	DAY 3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	18.07
01590-0898	WK 3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	36.14
01590-0899	MO 3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	71.15
01590-0900	DAY 4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	24.85
01590-0901	WK 4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	65.51
01590-0902	MO 4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	132.14
01590-0903	DAY 6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	49.69
01590-0904	WK 6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	101.65
01590-0905	MO 6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	214.59

01590-0906 **Temporary Building Services** (01590)

01590-0907	Boilers (01590-0906)	
	Note: Excludes operator, delivery, set-up, and removal.	
01590-0908	Electric Boilers (01590-0907)	
01590-0909	MO 40 MBH, 12 KW Electric Boiler Rental.....	1,896.00
01590-0910	MO 60 MBH, 20 KW Electric Boiler Rental.....	2,068.39
01590-0911	MO 95 MBH, 30 KW Electric Boiler Rental.....	2,154.58
01590-0912	MO 135 MBH, 40 KW Electric Boiler Rental	2,413.08
01590-0913	MO 165 MBH, 50 KW Electric Boiler Rental	3,361.08
01590-0914	MO 215 MBH, 60 KW Electric Boiler Rental	3,878.19
01590-0915	MO 365 MBH, 100 KW Electric Boiler Rental.....	5,084.77
01590-0916	MO 510 MBH, 150 KW Electric Boiler Rental.....	6,205.15

01590-0917	Oil/Gas Fired Boilers (01590-0907)	
01590-0918	MO Up To 100 HP Gas/Oil Dual Fuel Boiler Rental.....	5,000.00
	01MOD-0029 For > 3 Months Rental, Deduct	-750.00
01590-0919	MO 101 HP To 250 HP Gas/Oil Dual Fuel Boiler Rental	6,500.00
	01MOD-0029 For > 3 Months Rental, Deduct	-975.00
01590-0920	MO 251 HP To 500 HP Gas/Oil Dual Fuel Boiler Rental	10,500.00
	01MOD-0029 For > 3 Months Rental, Deduct	-1,575.00
01590-0921	MO 501 HP To 800 HP Gas/Oil Dual Fuel Boiler Rental	14,500.00
	01MOD-0029 For > 3 Months Rental, Deduct	-2,175.00

01590-0922	Oil Fired Boilers (01590-0907)	
01590-0923	MO 250 HP Oil Fired Boiler Rental.....	5,324.92
01590-0924	MO 350 HP Oil Fired Boiler Rental.....	7,099.89
01590-0925	MO 500 HP Oil Fired Boiler Rental.....	8,874.86
01590-0926	MO 600 HP Oil Fired Boiler Rental.....	9,762.35

01590-0927	Boilers Setup (01590-0907)	
01590-0928	EA Setup Rental Boiler.....	3,570.61
	Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	

01590-0929	Chillers (01590-0906)	
	Note: Excludes operator, delivery, set-up, and removal.	

01590-0930	Air Cooled Chillers (01590-0929)	
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0931 MO 40 Ton Air Cooled Chiller Rental	4,270.70	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-640.61	
01MOD-0031 For > 6 Month Rental, Deduct	-1,067.68	
01590-0932 MO 60 Ton Air Cooled Chiller Rental	6,404.82	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-960.72	
01MOD-0031 For > 6 Month Rental, Deduct	-1,601.21	
01590-0933 MO 80 Ton Air Cooled Chiller Rental	6,832.38	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-1,024.86	
01MOD-0031 For > 6 Month Rental, Deduct	-1,708.10	
01590-0934 MO 100 Ton Air Cooled Chiller Rental	8,006.03	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-1,200.90	
01MOD-0031 For > 6 Month Rental, Deduct	-2,001.51	
01590-0935 MO 125 Ton Air Cooled Chiller Rental	8,080.76	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-1,212.11	
01MOD-0031 For > 6 Month Rental, Deduct	-2,020.19	
01590-0936 MO 170 Ton Air Cooled Chiller Rental	10,276.14	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-1,541.42	
01MOD-0031 For > 6 Month Rental, Deduct	-2,569.04	
01590-0937 MO 200 Ton Air Cooled Chiller Rental	12,271.83	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-1,840.77	
01MOD-0031 For > 6 Month Rental, Deduct	-3,067.96	
01590-0938 MO 300 Ton Air Cooled Chiller Rental	16,466.57	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-2,469.99	
01MOD-0031 For > 6 Month Rental, Deduct	-4,116.64	
01590-0939 MO 400 Ton Air Cooled Chiller Rental	22,260.07	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-3,339.01	
01MOD-0031 For > 6 Month Rental, Deduct	-5,565.02	
01590-0940 MO 500 Ton Air Cooled Chiller Rental	27,825.70	
01MOD-0030 For > 3 To 6 Month Rental, Deduct	-4,173.86	
01MOD-0031 For > 6 Month Rental, Deduct	-6,956.43	
01590-0941 Chiller Setup (01590-0929)		
01590-0942 EA Setup Rental Chiller	2,482.01	
Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01590-0943 MO 4" x 25' Flexible Hose For Chiller Rental	49.00	
01590-0944 MO 6" x 25' Flexible Hose For Chiller Rental	61.26	
01590-0945 Emergency Cooler/Freezer (01590-0906)		
Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115V or 230V, freezer 208/230V, combo 115V or 230V.		
01590-0946 DAY 8 x 6 x 7 Emergency Cooler Rental	90.00	
01590-0947 WK 8 x 6 x 7 Emergency Cooler Rental	480.00	
01590-0948 DAY 10 x 7 x 7 Emergency Cooler Rental	180.00	
01590-0949 WK 10 x 7 x 7 Emergency Cooler Rental	720.00	
01590-0950 MO 10 x 7 x 7 Emergency Cooler Rental	1,800.00	
01590-0951 DAY 10 x 7 x 7 Emergency Freezer Rental	210.00	
01590-0952 WK 10 x 7 x 7 Emergency Freezer Rental	840.00	
01590-0953 MO 10 x 7 x 7 Emergency Freezer Rental	2,160.00	
01590-0954 DAY 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	240.00	
01590-0955 WK 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	960.00	
01590-0956 MO 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,400.00	
01590-0957 Fuel Oil Tank (01590-0906)		
Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01590-0636 for reimbursable fuel fees.		
01590-0958 MO 100 Gallon Portable Double Wall Fuel Oil Tank Rental	405.00	
01590-0959 MO 275 Gallon Portable Double Wall Fuel Oil Tank Rental	630.00	
01590-0960 MO 500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,575.00	
01590-0961 MO 1000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,625.00	
01590-0962 MO 2300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,465.00	
01590-0963 MO 5000 Gallon Portable Double Wall Fuel Oil Tank Rental	6,190.00	
01590-0964 Truck And Trailer Equipment (01590)		
01590-0965 Trucks (01590-0964)		
Note: Includes full-time driver, delivery, and removal.		
01590-0966 Flat Bed Trucks (01590-0965)		
Note: Includes hydraulic tilt bed.		
01590-0967 DAY 1-1/2 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	775.96	
01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0968 WK 1-1/2 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,134.52	
01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0969 MO 1-1/2 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	12,044.87	
01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0970 DAY 3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	911.47	
01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0971 WK 3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,481.75	
01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	

01000	General Requirements
01500	Construction Facilities And Temporary Construction
01590	Equipment Rentals



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01590-0972	MO	3 Ton, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	12,934.12	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0973		Light Duty Trucks (01590-0965)		
01590-0974	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	617.68	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0975	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	2,821.86	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0976	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	11,036.09	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0977	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	646.76	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0978	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	2,909.09	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0979	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	11,229.93	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0980		Rear Dump Trucks (01590-0965)		
01590-0981	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	734.14	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0982	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	3,061.13	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0983	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	11,909.49	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0984	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	772.93	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0985	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	3,144.25	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0986	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	11,964.91	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0987	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,232.88	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0988	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	4,091.85	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0989	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	14,624.83	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0990	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	1,309.91	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0991	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	4,269.73	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0992	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	15,090.32	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0993		Vacuum Trucks (01590-0965)		
01590-0994	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,227.34	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
01590-0995	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	4,616.08	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
01590-0996	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	16,766.07	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
01590-0997		Water Trucks (01590-0965)		
		See CSI section 01590-1005 for water trailer, 02223-0000 for water as required for earth/aggregate backfill.		
01590-0998	DAY	2,000 Gallon Water Truck With Full-Time Operator	850.73	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
		01MOD-0033 For Each 1000 Gallon Of Purchased Water, Add	2.55	
01590-0999	WK	2,000 Gallon Water Truck With Full-Time Operator	3,335.09	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
		01MOD-0033 For Each 1000 Gallon Of Purchased Water, Add	2.55	
01590-1000	MO	2,000 Gallon Water Truck With Full-Time Operator	12,384.97	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
		01MOD-0033 For Each 1000 Gallon Of Purchased Water, Add	2.55	
01590-1001	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Operator	1,040.49	
		01MOD-0032 For Equipment Without Operator, Deduct	-462.61	
		01MOD-0033 For Each 1000 Gallon Of Purchased Water, Add	2.55	
01590-1002	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Operator	3,904.34	
		01MOD-0032 For Equipment Without Operator, Deduct	-2,313.03	
		01MOD-0033 For Each 1000 Gallon Of Purchased Water, Add	2.55	
01590-1003	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Operator	13,851.22	
		01MOD-0032 For Equipment Without Operator, Deduct	-9,969.97	
		01MOD-0033 For Each 1000 Gallon Of Purchased Water, Add	2.55	
01590-1004		Trailers (01590-0964)		
		Note: Includes delivery to job site and pick-up when complete.		
01590-1005		Water Trailers With Pump (01590-1004)		
01590-1006	DAY	500 To 600 Gallon Water Trailer With Pump	99.19	
01590-1007	WK	500 To 600 Gallon Water Trailer With Pump	254.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01590-1008	MO	500 To 600 Gallon Water Trailer With Pump	681.38	
01590-1009		Rental Equipment Delivery, Mobilization And Demobilization (01590)		
01590-1010		Equipment Delivery, Pickup, Mobilization And Demobilization (01590-1009) Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01590-1011	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	201.32	
		Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.		
01590-1012	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....	402.63	
		Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.		
01590-1013		Crane Delivery, Pickup, Mobilization And Demobilization (01590-1009) Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01590-1014	EA	Less Than 20 Ton Lift Move On/Off Cost, Truck Mounted Crane	260.40	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	65.10	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	104.16	
01590-1015	EA	20 To 30 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	374.98	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	93.75	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	149.99	
01590-1016	EA	40 To 50 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	499.97	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	124.99	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	199.99	
01590-1017	EA	70 To 100 Ton Lift Move On/Off Cost, Truck Mounted Crane	812.45	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	203.11	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	324.98	
01590-1018	EA	75 Ton Lift Move On/Off Cost, Mechanical Crane	641.63	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	160.41	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	256.65	
01590-1019	EA	100 Ton Lift Move On/Off Cost, Mechanical Crane	1,041.60	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	260.40	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	416.64	
01590-1020	EA	125 Ton Lift Move On/Off Cost, Mechanical Crane	1,291.58	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	322.90	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	516.63	
01590-1021	EA	150 Ton Lift Move On/Off Cost, Mechanical Crane	1,604.06	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	401.02	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	641.62	
01590-1022	EA	250 Ton Lift Move On/Off Cost, Mechanical Crane	2,916.48	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	729.12	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	1,166.59	
01590-1023	EA	300 Ton Lift Move On/Off Cost, Mechanical Crane	4,166.40	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	1,041.60	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	1,666.56	
01590-1024	EA	500 Ton Lift Move On/Off Cost, Mechanical Crane	6,249.60	
	01MOD-0034	For > 30 To 60 Miles Radius, Add	1,562.40	
	01MOD-0035	For > 60 To 100 Miles Radius, Add	2,499.84	

01600 Product Requirements (01000)

01660 Material Handling (01600)

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories with attic (2-1/2 stories) or less than 125'. To be used for moving of existing material, owner supplied material or as directed by the owner.

01660-0001		Material Handling Between Floors (01660)		
01660-0002	CY	Moving Material Via Stairs, Per CY Of Material Per Floor Per Trip.....	7.08	
01660-0003	CY	Moving Material Via Elevator, Per CY Of Material Per Trip.....	4.24	

01660-0004 Moving Furniture (01660)

Note: To be used when contractor is required to move furniture. Not to be used when the amount of furniture is less than 55% of the total floor space. Moving of furniture which occupies less than 55% of the total floor space is considered as part of the coefficient adjustment factor.

01660-0005	SF	Remove, Transport, Return And Reinstall Office Furniture.....	0.80	
		Note: Includes general, desks, tables, file cabinets (full), chairs, storage boxes, bookshelves, office equipment and computers (per SF of office area). Not to be used when amount of furniture is less than 55% of total floor space.		

01660-0006 Material Handling For Distances Greater Than 125' (01660)

01660-0007	CY	Handling Material For Over 125' Per CY Of Material Per 125'.....	3.35	
		Note: For delivery, demo or miscellaneous moving required by owner		

01660-0008 Rubbish Handling (Material Volume) (01660)

Note: Applicable only for selective demolition tasks. For use on distances greater than 2-1/2 stories.

01	01000 General Requirements
	01600 Product Requirements
	01660 Material Handling



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01660-0009 CY Rubbish Handling Via Stairs, Per CY Of Material Per Floor Per Trip.....	6.43	
01660-0010 CY Rubbish Handling Via Elevator, Per CY Of Material Per Trip.....	3.86	

01700 Execution Requirements (01000)

01710 Examination of Existing Conditions (01700)

01710-0001	X-Ray And Electromagnetic Survey <small>(01710)</small>	
	Note: To locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt. Not to be used for surveying large, continuous areas. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR). Includes printed reports.	
01710-0002	X-Ray Or Electromagnetic Survey Minimum Set-Up Charge <small>(01710-0001)</small>	
01710-0003	EA X-Ray Or Electromagnetic Survey Minimum Set-Up Charge.....	500.00
	Note: For projects where the total charges are less than the minimum set-up charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
01710-0004	X-Ray Survey <small>(01710-0001)</small>	
01710-0005	EA X-Ray Survey Up To 2 SF Of Concrete, Masonry Or Asphalt.....	127.25
	<i>01MOD-0001 For > 8 To 25, Deduct</i>	-31.25
01710-0006	Electromagnetic (SIR/GPR) Survey <small>(01710-0001)</small>	
01710-0007	EA Electromagnetic (SIR/GPR) Survey Up To 4 SF Of Concrete, Masonry Or Asphalt.....	254.50
	<i>01MOD-0002 For > 5 To 20, Deduct</i>	-101.80
01710-0008	EA Electromagnetic (SIR/GPR) Survey > 4 SF To 500 SF Of Concrete, Masonry Or Asphalt.....	509.00
01710-0009	SF Electromagnetic (SIR/GPR) Survey > 500 SF Of Concrete, Masonry Or Asphalt.....	1.02

01720 Surveying (01700)

01720-0001	Field Surveying <small>(01720)</small>	
01720-0002	Conventional Topographic Survey <small>(01720-0001)</small>	
	Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.	
01720-0003	ACR Survey Clear Area With Few To No Obstacles.....	642.13
01720-0004	ACR Survey Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....	1,914.51
01720-0005	ACR Survey Clear Area With Few Structures, And/Or Wooded (5-25% Buildings).....	2,746.58
01720-0006	ACR Survey Developed Areas With Several Structures (25-65% Buildings).....	4,151.84
01720-0007	ACR Survey Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings).....	5,206.19
01720-0008	Property Lines Survey <small>(01720-0001)</small>	
	Note: Not to be added to tasks in the "Conventional Topographic Survey" section.	
01720-0009	LF Survey Property Lines On Cleared Land.....	1.47
01720-0010	LF Survey Property Lines On Slightly Wooded Land.....	1.71
01720-0011	LF Survey Property Lines On Wooded Land.....	1.99
01720-0012	EA Install Survey Monument.....	103.05
	<i>01MOD-0036 For Owner Furnished Monument, Deduct</i>	-37.43
01720-0013	Facade Surveying <small>(01720-0001)</small>	
01720-0014	LF Facade Survey And Reports (LF Of Facade x Number Of Floors).....	4.30

01740 Cleaning (01700)

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

01740-0001	General <small>(01740)</small>	
01740-0002	CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	16.10
01740-0003	CY Collect Existing Debris And Load Into Truck Or Dumpster.....	18.87
	Note: Per CY of debris removed	
01740-0004	Glass <small>(01740)</small>	
01740-0005	CSF Clean Existing Glass Surfaces.....	21.03

END OF SECTION 01



Site Construction	02000	02
Site Preparation	02100	
Clearing And Grubbing	02102	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02000 Site Construction

02100 Site Preparation (02000)

02102 Clearing And Grubbing (02100)

02102-0001 Clearing And Grubbing (02102)

02102-0002 Cut Trees - Grub Roots And Stump (02102-0001)

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. See CSI section 02840-0039 for small areas or individual trees removal.

02102-0003	ACR Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip	6,049.43
	Note: Includes grub and removal of stump	
02102-0004	ACR Clear And Grub Light Stumps Only Up To 6" Diameter	1,508.25
02102-0005	ACR Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip	7,057.68
	Note: Includes grub and removal of stump	
02102-0006	ACR Clear And Grub Medium Stumps Only Up To 10" Diameter	2,513.75
02102-0007	ACR Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip	8,020.09
	Note: Includes grub and removal of stump	
02102-0008	ACR Clear And Grub Heavy Stumps Only Up To 16" Diameter	2,513.75
02102-0009	ACR Clearing - Light Brush Without Grub	231.75
02102-0010	ACR Clearing - Medium Brush Without Grub	479.07
02102-0011	ACR Clearing - Heavy Brush Without Grub	681.53
02102-0012	ACR Chipping - Light Brush	1,882.38
02102-0013	ACR Chipping - Medium Brush	2,420.32
02102-0014	ACR Chipping - Heavy Brush	3,388.77

02102-0015 Loading Of Cleared And Grubbed Material (02102-0001)

See CSI section 02119-0011 for hauling.

02102-0016	CY Machine Loading Of Cleared And Grubbed Material	7.97
02102-0017	CY Chute Loading Of Cleared And Grubbed Material	9.56
02102-0018	CY Hand Loading Of Cleared And Grubbed Material	29.26
02102-0019	CY Wheel And Ramp Loading Of Cleared And Grubbed Material	22.98

02110 Demolition (02000)

02111 Building Demolition (02110)

02111-0001 Building Interior (02111)

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

02111-0002	GSF Residential Building Interior, Gutting And Disposal Into Dumpster Or Truck	5.63
02111-0003	GSF Commercial Building Interior <2000 SF, Gutting And Disposal Into Dumpster Or Truck	8.52
02111-0004	GSF Commercial Building Interior 2001 To 10000 SF, Gutting And Disposal Into Dumpster Or Truck	6.98
02111-0005	GSF Commercial Building Interior >10000 SF, Gutting And Disposal Into Dumpster Or Truck	6.20

02112 Selective Demolition (02110)

02112-0001 Other Selective Demolition (02112)

Note: Not to be used in conjunction with tasks in Building Demolition.

02112-0002 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving (02112-0001)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02112-0019 for breaking-up, removal and loading as a combined operation, 02112-0132 for saw cutting.

02112-0003	SY Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	4.82
	02MOD-0007 For > 500 To 1000, Deduct	-0.48
	02MOD-0008 For > 1000 To 2500, Deduct	-0.87
	02MOD-0009 For > 2500 To 5000, Deduct	-1.25
	02MOD-0010 For > 5000 To 10000, Deduct	-1.64
	02MOD-0011 For > 10000, Deduct	-2.02
02112-0004	SY > 3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	7.23
	02MOD-0007 For > 500 To 1000, Deduct	-0.72
	02MOD-0008 For > 1000 To 2500, Deduct	-1.30
	02MOD-0009 For > 2500 To 5000, Deduct	-1.88
	02MOD-0010 For > 5000 To 10000, Deduct	-2.46
	02MOD-0011 For > 10000, Deduct	-3.04
02112-0005	SY > 6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	9.64
	02MOD-0007 For > 500 To 1000, Deduct	-0.96
	02MOD-0008 For > 1000 To 2500, Deduct	-1.74
	02MOD-0009 For > 2500 To 5000, Deduct	-2.51
	02MOD-0010 For > 5000 To 10000, Deduct	-3.28
	02MOD-0011 For > 10000, Deduct	-4.05

02000 Site Construction**02110 Demolition****02112 Selective Demolition**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0006	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	8.72	
	02MOD-0007	For > 500 To 1000, Deduct	-0.87	
	02MOD-0008	For > 1000 To 2500, Deduct	-1.57	
	02MOD-0009	For > 2500 To 5000, Deduct	-2.27	
	02MOD-0010	For > 5000 To 10000, Deduct	-2.96	
	02MOD-0011	For > 10000, Deduct	-3.66	
02112-0007	SY	> 3" To 6" By Machine, Break-up And Leave In Place Concrete Paving.....	12.31	
	02MOD-0007	For > 500 To 1000, Deduct	-1.23	
	02MOD-0008	For > 1000 To 2500, Deduct	-2.22	
	02MOD-0009	For > 2500 To 5000, Deduct	-3.20	
	02MOD-0010	For > 5000 To 10000, Deduct	-4.19	
	02MOD-0011	For > 10000, Deduct	-5.17	
02112-0008	SY	> 6" To 9" By Machine, Break-up And Leave In Place Concrete Paving.....	17.43	
	02MOD-0007	For > 500 To 1000, Deduct	-1.74	
	02MOD-0008	For > 1000 To 2500, Deduct	-3.14	
	02MOD-0009	For > 2500 To 5000, Deduct	-4.53	
	02MOD-0010	For > 5000 To 10000, Deduct	-5.93	
	02MOD-0011	For > 10000, Deduct	-7.32	
02112-0009	SY	> 9" To 14" By Machine, Break-up And Leave In Place Concrete Paving.....	24.61	
	02MOD-0007	For > 500 To 1000, Deduct	-2.46	
	02MOD-0008	For > 1000 To 2500, Deduct	-4.43	
	02MOD-0009	For > 2500 To 5000, Deduct	-6.40	
	02MOD-0010	For > 5000 To 10000, Deduct	-8.37	
	02MOD-0011	For > 10000, Deduct	-10.34	
02112-0010	SY	> 14" To 19" By Machine, Break-up And Leave In Place Concrete Paving.....	32.19	
	02MOD-0007	For > 500 To 1000, Deduct	-3.22	
	02MOD-0008	For > 1000 To 2500, Deduct	-5.79	
	02MOD-0009	For > 2500 To 5000, Deduct	-8.37	
	02MOD-0010	For > 5000 To 10000, Deduct	-10.94	
	02MOD-0011	For > 10000, Deduct	-13.52	
02112-0011	SY	> 19" To 24" By Machine, Break-up And Leave In Place Concrete Paving.....	41.84	
	02MOD-0007	For > 500 To 1000, Deduct	-4.18	
	02MOD-0008	For > 1000 To 2500, Deduct	-7.53	
	02MOD-0009	For > 2500 To 5000, Deduct	-10.88	
	02MOD-0010	For > 5000 To 10000, Deduct	-14.23	
	02MOD-0011	For > 10000, Deduct	-17.57	
02112-0012		By Hand, Break-up And Leave In Place Bituminous And Concrete Paving <small>(02112-0001)</small>		
		Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02112-0037 for breaking-up, removal and loading as a combined operation, 02112-0132 for saw cutting.		
02112-0013	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving.....	1.25	
02112-0014	SF	> 3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	1.59	
02112-0015	SF	> 6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.10	
02112-0016	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	1.57	
02112-0017	SF	> 3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	1.99	
02112-0018	SF	Break-Up > 6" To 8" Concrete Paving By Hand With Material Left In Place After Break-up	2.63	
02112-0019		Break-up And Remove, By Machine, Bituminous And Concrete Paving <small>(02112-0001)</small>		
		Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02112-0132 for saw cutting, 02205-0000 for excavation and loading of aggregate base course.		
02112-0020	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	9.73	
	02MOD-0005	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	2.92	
		Note: (Around Existing Structures And Obstructions), Add		
	02MOD-0006	For Elevated Slab, Add	4.87	
	02MOD-0007	For > 500 To 1000, Deduct	-0.97	
	02MOD-0008	For > 1000 To 2500, Deduct	-1.75	
	02MOD-0009	For > 2500 To 5000, Deduct	-2.53	
	02MOD-0010	For > 5000 To 10000, Deduct	-3.31	
	02MOD-0011	For > 10000, Deduct	-4.09	
02112-0021	SY	> 3" To 6" By Machine, Break-up And Remove Bituminous Paving.....	13.28	
	02MOD-0005	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	3.98	
		Note: (Around Existing Structures And Obstructions), Add		
	02MOD-0006	For Elevated Slab, Add	6.64	
	02MOD-0007	For > 500 To 1000, Deduct	-1.33	
	02MOD-0008	For > 1000 To 2500, Deduct	-2.39	
	02MOD-0009	For > 2500 To 5000, Deduct	-3.45	
	02MOD-0010	For > 5000 To 10000, Deduct	-4.52	
	02MOD-0011	For > 10000, Deduct	-5.58	
02112-0022	SY	Break-Up And Remove >6" To 9" Thick Bituminous Pavement	18.44	
	02MOD-0006	For Elevated Slab, Add	9.22	
	02MOD-0007	For > 500 To 1000, Deduct	-1.84	
	02MOD-0008	For > 1000 To 2500, Deduct	-3.32	
	02MOD-0009	For > 2500 To 5000, Deduct	-4.79	
	02MOD-0010	For > 5000 To 10000, Deduct	-6.27	
	02MOD-0011	For > 10000, Deduct	-7.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0023 SY Break-up And Remove >9" To 12" Thick Bituminous Pavement.....		24.06
02MOD-0006 For Elevated Slab, Add	12.03	
02MOD-0007 For > 500 To 1000, Deduct	-2.41	
02MOD-0008 For > 1000 To 2500, Deduct	-4.33	
02MOD-0009 For > 2500 To 5000, Deduct	-6.26	
02MOD-0010 For > 5000 To 10000, Deduct	-8.18	
02MOD-0011 For > 10000, Deduct	-10.11	
02112-0024 SY Break-up And Remove >12" To 15" Thick Bituminous Pavement.....		33.48
02MOD-0006 For Elevated Slab, Add	16.74	
02MOD-0007 For > 500 To 1000, Deduct	-3.35	
02MOD-0008 For > 1000 To 2500, Deduct	-6.03	
02MOD-0009 For > 2500 To 5000, Deduct	-8.70	
02MOD-0010 For > 5000 To 10000, Deduct	-11.38	
02MOD-0011 For > 10000, Deduct	-14.06	
02112-0025 SY Break-up And Remove >15" To 18" Thick Bituminous Pavement.....		46.04
02MOD-0006 For Elevated Slab, Add	23.02	
02MOD-0007 For > 500 To 1000, Deduct	-4.60	
02MOD-0008 For > 1000 To 2500, Deduct	-8.29	
02MOD-0009 For > 2500 To 5000, Deduct	-11.97	
02MOD-0010 For > 5000 To 10000, Deduct	-15.65	
02MOD-0011 For > 10000, Deduct	-19.34	
02112-0026 SY Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....		11.19
02MOD-0005 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	3.36	
02MOD-0006 For Elevated Slab, Add	5.60	
02MOD-0007 For > 500 To 1000, Deduct	-1.12	
02MOD-0008 For > 1000 To 2500, Deduct	-2.01	
02MOD-0009 For > 2500 To 5000, Deduct	-2.91	
02MOD-0010 For > 5000 To 10000, Deduct	-3.80	
02MOD-0011 For > 10000, Deduct	-4.70	
02112-0027 SY > 3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....		14.65
02MOD-0005 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	4.40	
02MOD-0006 For Elevated Slab, Add	7.33	
02MOD-0007 For > 500 To 1000, Deduct	-1.47	
02MOD-0008 For > 1000 To 2500, Deduct	-2.64	
02MOD-0009 For > 2500 To 5000, Deduct	-3.81	
02MOD-0010 For > 5000 To 10000, Deduct	-4.98	
02MOD-0011 For > 10000, Deduct	-6.15	
02112-0028 SY Up To 3" By Machine, Break-up And Remove Wire Mesh Reinforced Concrete Paving.....		14.86
02MOD-0005 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	4.46	
02MOD-0006 For Elevated Slab, Add	7.43	
02MOD-0007 For > 500 To 1000, Deduct	-1.49	
02MOD-0008 For > 1000 To 2500, Deduct	-2.67	
02MOD-0009 For > 2500 To 5000, Deduct	-3.86	
02MOD-0010 For > 5000 To 10000, Deduct	-5.05	
02MOD-0011 For > 10000, Deduct	-6.24	
02112-0029 SY > 3" To 6" By Machine, Break-up And Remove Wire Mesh Reinforced Concrete Paving.....		19.25
02MOD-0005 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	5.78	
02MOD-0006 For Elevated Slab, Add	9.63	
02MOD-0007 For > 500 To 1000, Deduct	-1.93	
02MOD-0008 For > 1000 To 2500, Deduct	-3.47	
02MOD-0009 For > 2500 To 5000, Deduct	-5.01	
02MOD-0010 For > 5000 To 10000, Deduct	-6.55	
02MOD-0011 For > 10000, Deduct	-8.09	
02112-0030 SY > 6" To 9" By Machine, Break-up And Remove Wire Mesh Reinforced Concrete Paving.....		31.91
02MOD-0005 For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add Note: (Around Existing Structures And Obstructions), Add	9.57	
02MOD-0006 For Elevated Slab, Add	15.96	
02MOD-0007 For > 500 To 1000, Deduct	-3.19	
02MOD-0008 For > 1000 To 2500, Deduct	-5.74	
02MOD-0009 For > 2500 To 5000, Deduct	-8.30	
02MOD-0010 For > 5000 To 10000, Deduct	-10.85	
02MOD-0011 For > 10000, Deduct	-13.40	
02112-0031 SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....		16.11
02MOD-0006 For Elevated Slab, Add	8.06	
02MOD-0007 For > 500 To 1000, Deduct	-1.61	
02MOD-0008 For > 1000 To 2500, Deduct	-2.90	
02MOD-0009 For > 2500 To 5000, Deduct	-4.19	
02MOD-0010 For > 5000 To 10000, Deduct	-5.48	
02MOD-0011 For > 10000, Deduct	-6.77	
02112-0032 SY > 3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....		20.72
02MOD-0006 For Elevated Slab, Add	10.36	
02MOD-0007 For > 500 To 1000, Deduct	-2.07	
02MOD-0008 For > 1000 To 2500, Deduct	-3.73	
02MOD-0009 For > 2500 To 5000, Deduct	-5.39	
02MOD-0010 For > 5000 To 10000, Deduct	-7.04	
02MOD-0011 For > 10000, Deduct	-8.70	
02112-0033 SY > 6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....		37.04
02MOD-0006 For Elevated Slab, Add	18.52	
02MOD-0007 For > 500 To 1000, Deduct	-3.70	
02MOD-0008 For > 1000 To 2500, Deduct	-6.67	
02MOD-0009 For > 2500 To 5000, Deduct	-9.63	
02MOD-0010 For > 5000 To 10000, Deduct	-12.59	
02MOD-0011 For > 10000, Deduct	-15.56	

02000 Site Construction**02110 Demolition****02112 Selective Demolition**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0034	SY	> 9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	48.33	
	02MOD-0006	For Elevated Slab, Add	24.17	
	02MOD-0007	For > 500 To 1000, Deduct	-4.83	
	02MOD-0008	For > 1000 To 2500, Deduct	-8.70	
	02MOD-0009	For > 2500 To 5000, Deduct	-12.57	
	02MOD-0010	For > 5000 To 10000, Deduct	-16.43	
	02MOD-0011	For > 10000, Deduct	-20.30	
02112-0035	SY	> 14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	63.19	
	02MOD-0006	For Elevated Slab, Add	31.60	
	02MOD-0007	For > 500 To 1000, Deduct	-6.32	
	02MOD-0008	For > 1000 To 2500, Deduct	-11.37	
	02MOD-0009	For > 2500 To 5000, Deduct	-16.43	
	02MOD-0010	For > 5000 To 10000, Deduct	-21.48	
	02MOD-0011	For > 10000, Deduct	-26.54	
02112-0036	SY	> 19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	76.69	
	02MOD-0006	For Elevated Slab, Add	38.35	
	02MOD-0007	For > 500 To 1000, Deduct	-7.67	
	02MOD-0008	For > 1000 To 2500, Deduct	-13.80	
	02MOD-0009	For > 2500 To 5000, Deduct	-19.94	
	02MOD-0010	For > 5000 To 10000, Deduct	-26.07	
	02MOD-0011	For > 10000, Deduct	-32.21	
02112-0037		By Hand, Break-up And Remove Bituminous And Concrete Paving (02112-0001) Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02112-0132 for saw cutting.		
02112-0038	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving.....	2.79	
02112-0039	SF	> 3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	3.67	
02112-0040	SF	> 6" To 8" By Hand, Break-up And Remove Bituminous Paving.....	4.79	
02112-0041	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving.....	3.50	
02112-0042	SF	> 3" To 6" By Hand, Break-up And Remove Concrete Paving.....	4.83	
02112-0043	SF	> 6" To 8" By Hand, Break-up And Remove Concrete Paving.....	6.18	
02112-0044		Floor Removal (02112-0001)		
02112-0045		Remove And Salvage For Re-Use (02112-0044) Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02112-0046	SF	Remove Brick Flooring And Salvage.....	1.95	
02112-0047	SF	Remove Ceramic/Quarry Tile Floor And Salvage.....	1.95	
02112-0048	SF	Remove Terrazzo Flooring And Salvage.....	2.70	
02112-0049	SF	Remove Wood Strip Flooring And Salvage.....	1.58	
02112-0050	SF	Remove Wood Parquet Flooring And Salvage.....	0.83	
02112-0051	SF	Remove Resilient/Linoleum Flooring And Salvage.....	0.60	
02112-0052		Scarify (02112-0044)		
02112-0053	SF	Scarify Floor.....	1.25	
02112-0054	SF	Scarify Tread And Riser.....	1.56	
02112-0055	SF	Scarify Wall.....	1.43	
02112-0056		Exterior Masonry Removal (02112-0001)		
02112-0057		Masonry Columns Removal (Interior And Exterior) (02112-0056)		
02112-0058	VLF	8" x 8" Masonry Column Removal.....	10.79	
02112-0059	VLF	10" x 10" Masonry Column Removal.....	16.86	
02112-0060	VLF	12" x 12" Masonry Column Removal.....	21.59	
02112-0061	VLF	14" x 14" Masonry Column Removal.....	27.03	
02112-0062	VLF	16" x 16" Masonry Column Removal.....	33.21	
02112-0063	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square.....	18.65	
02112-0064		Masonry Chimney Removal (02112-0056)		
02112-0065	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	21.88	
02112-0066	CF	> 3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	16.43	
02112-0067	CF	> 10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	12.57	
02112-0068	CF	> 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed.....	8.71	
02112-0069		Coping Removal (02112-0056) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02112-0132 for saw cutting.		
02112-0070	LF	Up To 8" Precast Or Masonry Coping Removal.....	2.63	
	02MOD-0012	For Cast-In-Place Concrete, Add	0.66	
	02MOD-0013	For Cleaning and Storage For Reuse, Add	1.97	
02112-0071	LF	9" To 12" Precast Or Masonry Coping Removal.....	3.29	
	02MOD-0012	For Cast-In-Place Concrete, Add	0.82	
	02MOD-0013	For Cleaning and Storage For Reuse, Add	2.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0072 LF Over 12" Precast Or Masonry Coping Removal .....5.48 02MOD-0012 For Cast-In-Place Concrete, Add 1.37 02MOD-0013 For Cleaning and Storage For Reuse, Add 4.11		
02112-0073 Facade Removal (02112-0056) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02112-0132 for saw cutting.		
02112-0074 SF Stone Or Brick Veneer Facade Removal.....4.11 02MOD-0013 For Cleaning and Storage For Reuse, Add 3.08		
02112-0075 Masonry Removal (02112-0056) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02112-0132 for saw cutting.		
02112-0076 CF Brick, Block or Composite Removal.....10.51 02MOD-0013 For Cleaning and Storage For Reuse, Add 7.88		
02112-0077 Fireproofing Removal (02112-0001)		
02112-0078 SF Remove Fireproofing From Concrete Or Steel .....0.92		
02112-0079 Ceiling Removal (02112-0001)		
02112-0080 SF Demo Drywall Ceiling .....0.71 02112-0081 SF Demo Furred Plastered Ceiling.....1.65 02112-0082 SF Demo Suspended Plastered Ceiling And Suspension System.....1.26		
02112-0083 Roofing Removal (02112-0001)		
02112-0084 Clay Tile Roof Remove And Salvage For Re-use (02112-0083) Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02112-0085 SQ Remove Clay Roof Tile, Salvage For Re-use .....214.32		
02112-0086 Grind Concrete (02112-0001)		
02112-0087 EA Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) .....120.43 Note: For each location up to 5' wide, feather up to 12" each direction. 02MOD-0014 For > 1/2" To 1" Depth Of Grinding, Add 18.06 02MOD-0015 For > 1" To 1-1/2" Depth Of Grinding, Add 30.11 02MOD-0016 For Up To 5, Add 24.09 02MOD-0017 For > 5 To 10, Add 12.04 02MOD-0018 For > 25 To 50, Deduct -12.04 02MOD-0019 For > 50, Deduct -18.06 02MOD-0020 For Sidewalks > 5', Add 12.04 02MOD-0021 For Up To 12" Additional Feathering Per Side, Add 12.04		
02112-0088 Building Foundations Demolition (02112) Note: Excludes earthwork. See CSI section 02200-0000 for earthwork.		
02112-0089 CF Demo Brick/Block Building Foundation.....5.60 02112-0090 CF Demo Concrete Building Foundations Without Reinforcing .....6.79 02112-0091 CF Demo Reinforced Concrete Building Foundation.....7.68 02112-0092 CF Demo Reinforced Concrete Block Building Foundations .....7.34 02112-0093 CF Demo Stone Building Foundation .....6.33 02112-0094 SF Demo Concrete Foundation Wall 4" To 5" Thick.....4.32 02112-0095 SF Demo Concrete Foundation Wall 6" To 7" Thick.....4.62 02112-0096 SF Demo Concrete Foundation Wall 8" Thick.....5.21 02112-0097 SF Demo Brick Foundation Wall 4" To 5" Thick .....3.28 02112-0098 SF Demo Brick Foundation Wall 6" To 8" Thick .....3.73 02112-0099 SF Demo Concrete Block Foundation Wall, Less Than 8" Thick.....3.50 02112-0100 SF Demo Concrete Block Foundation Wall, 8" Thick .....3.95 02112-0101 CF Demo Concrete Footing For Fence, Gate Or Playground Equipment Post, Etcetera .....10.68 Note: Includes excavation.		
02112-0102 Interior Partition/Wall Removal (02112) Note: Price includes knock down, loading, clean-up		
02112-0103 Concrete Block Partitions/Wall Removal (02112-0102)		
02112-0104 SF Demo 4" Thick Concrete Block Interior Partition/Wall .....2.63 02112-0105 SF Demo 6" Thick Concrete Block Interior Partition/Wall .....3.29 02112-0106 SF Demo 8" Thick Concrete Block Interior Partition/Wall .....3.94 02112-0107 SF Demo 12" Thick Concrete Block Interior Partition/Wall .....5.25 02112-0108 SF Demo 4" Thick Reinforced Concrete Block Interior Partition/Wall .....3.94 02112-0109 SF Demo 6" Thick Reinforced Concrete Block Interior Partition/Wall .....4.93 02112-0110 SF Demo 8" Thick Reinforced Concrete Block Interior Partition/Wall .....5.91 02112-0111 SF Demo 12" Thick Reinforced Concrete Block Interior Partition/Wall .....7.23		

02000 Site Construction**02110 Demolition****02112 Selective Demolition**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0112		Brick Masonry Partitions/Wall Removal (02112-0102)		
02112-0113	SF	Demo 4" Thick Interior Brick Partition	3.29	
02112-0114	SF	Demo 8" Thick Interior Brick Partition	4.60	
02112-0115	SF	Demo 12" Thick Interior Brick Partition	5.91	
02112-0116	SF	Demo 16" Thick Interior Brick Partition	7.60	
02112-0117		Concrete Partitions/Wall Cast In Place Removal (02112-0102)		
		See CSI section 02112-0088 for concrete foundation demolition.		
02112-0118	CF	Demo Cast-In-Place Plain Concrete Interior Partition/Wall.....	10.40	
02112-0119	CF	Demo Cast-In-Place Reinforced Concrete Interior Partition/Wall.....	13.87	
02112-0120		Gypsum Or Terra-Cotta Partition/Wall Removal (02112-0102)		
02112-0121	SF	Demo Gypsum/Terra-cotta Interior Partition/Wall, Up To 6" Thick Metal Lath With Plaster.....	1.29	
02112-0122		Stud Partitions/Wall Removal (02112-0102)		
		Note: Includes the removal of internal insulation where present.		
02112-0123	SF	Demo Interior Drywall And Stud Partition Metal/Wood Stud With Drywall 1 Side	2.33	
	02MOD-0022	For Heights > 14' To 20', Add	0.35	
	02MOD-0023	For Heights > 20', Add	0.47	
02112-0124	SF	Demo Interior Plaster And Stud Partition Metal Lath And Plaster, Finished 1 Side.....	2.98	
	02MOD-0022	For Heights > 14' To 20', Add	0.45	
	02MOD-0023	For Heights > 20', Add	0.60	
02112-0125	SF	Demo Interior Drywall And Stud Partition Metal/Wood Stud With Drywall 2 Sides	2.71	
	02MOD-0022	For Heights > 14' To 20', Add	0.41	
	02MOD-0023	For Heights > 20', Add	0.54	
02112-0126	SF	Demo Interior Plaster And Stud Partition Metal Lath And Plaster, Finished 2 Sides.....	4.14	
	02MOD-0022	For Heights > 14' To 20', Add	0.62	
	02MOD-0023	For Heights > 20', Add	0.83	
02112-0127	SF	Demo Interior Plaster With Lath, Walls, 1 Side	1.22	
	02MOD-0022	For Heights > 14' To 20', Add	0.18	
	02MOD-0023	For Heights > 20', Add	0.24	
02112-0128	SF	Demo Interior Plaster With Lath, Walls, 2 Sides	1.46	
	02MOD-0022	For Heights > 14' To 20', Add	0.22	
	02MOD-0023	For Heights > 20', Add	0.29	
02112-0129	SF	Demo Interior Metal Partition With Or Without Glass.....	1.82	
	02MOD-0022	For Heights > 14' To 20', Add	0.27	
	02MOD-0023	For Heights > 20', Add	0.36	
02112-0130		Elevated Concrete Removal (02112)		
02112-0131	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	9.30	
	02MOD-0633	For Removal Of Elevated Concrete > 8' To 14' Above Floor, Add	0.70	
	02MOD-0634	For Removal Of Elevated Concrete > 14' To 20' Above Floor, Add	1.40	
02112-0132		Saw Or Torch Cutting (02112)		
		Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02112-0133	LF	Saw Cut Bituminous Paving Up To 4" Depth	1.71	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	0.64	
	02MOD-0025	For > 250, Deduct	-0.16	
02112-0134	LF	Saw Cut Brick Masonry Up To 4" Depth	6.03	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	2.36	
	02MOD-0025	For > 250, Deduct	-0.59	
02112-0135	LF	Saw Cut Block Masonry Up To 4" Depth	5.48	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	2.14	
	02MOD-0025	For > 250, Deduct	-0.53	
02112-0136	LF	Saw Cut Concrete Slab Or Paving Up To 4" Depth	2.00	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	0.74	
	02MOD-0025	For > 250, Deduct	-0.18	
02112-0137	LF	Saw Cut Mesh Reinforced Concrete Slab Up To 4" Depth	2.61	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	0.97	
	02MOD-0025	For > 250, Deduct	-0.24	
02112-0138	LF	Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth	4.17	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	1.59	
	02MOD-0025	For > 250, Deduct	-0.39	
02112-0139	LF	Saw Cut Plain Concrete Walls Up To 4" Depth.....	7.68	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	3.01	
	02MOD-0025	For > 250, Deduct	-0.75	
02112-0140	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth.....	10.32	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	4.05	
	02MOD-0025	For > 250, Deduct	-1.01	
02112-0141	LF	Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth.....	1.88	
	02MOD-0024	For Each Additional Pass (Depth To 3"), Add	0.70	
	02MOD-0025	For > 250, Deduct	-0.17	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0142	LF Saw Cut Igneous Stone Pavements Up To 4" Depth.....	5.51	
	02MOD-0024 For Each Additional Pass (Depth To 3"), Add	2.14	
	02MOD-0025 For > 250, Deduct	-0.53	
02112-0143	LF Saw Cut Sedimentary Stone Pavements Up To 4" Depth.....	5.51	
	02MOD-0024 For Each Additional Pass (Depth To 3"), Add	2.14	
	02MOD-0025 For > 250, Deduct	-0.53	
02112-0144	LF Saw Cut Metamorphic Stone Pavements Up To 4" Depth.....	5.51	
	02MOD-0024 For Each Additional Pass (Depth To 3"), Add	2.14	
	02MOD-0025 For > 250, Deduct	-0.53	
02112-0145	LF Saw Cut Terrazzo Stone Pavements Up To 4" Depth.....	5.51	
	02MOD-0024 For Each Additional Pass (Depth To 3"), Add	2.14	
	02MOD-0025 For > 250, Deduct	-0.53	
02112-0146	LF Torch Cut Steel Plate Up To 1" Thick.....	4.26	
	Note: Includes grinding edge		
02112-0147	EA Saw Cut Minimum Charge.....	492.90	
	Note: For projects where the total saw cutting charge is less than the minimum charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02112-0148	Drilling⁽⁰²¹¹²⁾		
	Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02112-0149	Concrete Core Drilling⁽⁰²¹¹²⁻⁰¹⁴⁸⁾		
02112-0150	Concrete 4" Thick⁽⁰²¹¹²⁻⁰¹⁴⁹⁾		
02112-0151	EA Drill 2" Diameter Core In 4" Concrete.....	38.03	
	02MOD-0026 For Horizontal Cores, Add	6.97	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	13.94	
	02MOD-0028 For Holes In Brick, Deduct	-12.20	
02112-0152	EA Drill 3" Diameter Core In 4" Concrete.....	54.05	
	02MOD-0026 For Horizontal Cores, Add	9.96	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	19.92	
	02MOD-0028 For Holes In Brick, Deduct	-17.43	
02112-0153	EA Drill 4" Diameter Core In 4" Concrete.....	72.47	
	02MOD-0026 For Horizontal Cores, Add	13.34	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	26.69	
	02MOD-0028 For Holes In Brick, Deduct	-23.35	
02112-0154	EA Drill 6" Diameter Core In 4" Concrete.....	81.92	
	02MOD-0026 For Horizontal Cores, Add	14.94	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.87	
	02MOD-0028 For Holes In Brick, Deduct	-26.14	
02112-0155	EA Drill 8" Diameter Core In 4" Concrete.....	129.41	
	02MOD-0026 For Horizontal Cores, Add	23.90	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.80	
	02MOD-0028 For Holes In Brick, Deduct	-41.82	
02112-0156	EA Drill 10" Diameter Core In 4" Concrete.....	162.89	
	02MOD-0026 For Horizontal Cores, Add	29.87	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	59.74	
	02MOD-0028 For Holes In Brick, Deduct	-52.28	
02112-0157	EA Drill 12" Diameter Core In 4" Concrete.....	190.47	
	02MOD-0026 For Horizontal Cores, Add	34.85	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	69.70	
	02MOD-0028 For Holes In Brick, Deduct	-60.99	
02112-0158	EA Drill 14" Diameter Core In 4" Concrete.....	218.44	
	02MOD-0026 For Horizontal Cores, Add	39.83	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	79.66	
	02MOD-0028 For Holes In Brick, Deduct	-69.70	
02112-0159	EA Drill 18" Diameter Core In 4" Concrete.....	248.80	
	02MOD-0026 For Horizontal Cores, Add	44.80	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.60	
	02MOD-0028 For Holes In Brick, Deduct	-78.40	
02112-0160	Concrete 6" Thick⁽⁰²¹¹²⁻⁰¹⁴⁹⁾		
02112-0161	EA Drill 2" Diameter Core In 6" Concrete.....	54.64	
	02MOD-0026 For Horizontal Cores, Add	9.96	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	19.91	
	02MOD-0028 For Holes In Brick, Deduct	-17.42	
02112-0162	EA Drill 3" Diameter Core In 6" Concrete.....	66.42	
	02MOD-0026 For Horizontal Cores, Add	11.95	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	23.90	
	02MOD-0028 For Holes In Brick, Deduct	-20.91	
02112-0163	EA Drill 4" Diameter Core In 6" Concrete.....	83.51	
	02MOD-0026 For Horizontal Cores, Add	14.94	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.87	
	02MOD-0028 For Holes In Brick, Deduct	-26.14	
02112-0164	EA Drill 6" Diameter Core In 6" Concrete.....	110.56	
	02MOD-0026 For Horizontal Cores, Add	19.91	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	39.83	
	02MOD-0028 For Holes In Brick, Deduct	-34.85	
02112-0165	EA Drill 8" Diameter Core In 6" Concrete.....	164.37	
	02MOD-0026 For Horizontal Cores, Add	29.87	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	59.74	
	02MOD-0028 For Holes In Brick, Deduct	-52.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0166	EA	Drill 10" Diameter Core In 6" Concrete	194.49	
	02MOD-0026	For Horizontal Cores, Add	34.85	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	69.70	
	02MOD-0028	For Holes In Brick, Deduct	-60.99	
02112-0167	EA	Drill 12" Diameter Core In 6" Concrete	223.39	
	02MOD-0026	For Horizontal Cores, Add	39.83	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	79.66	
	02MOD-0028	For Holes In Brick, Deduct	-69.70	
02112-0168	EA	Drill 14" Diameter Core In 6" Concrete	253.49	
	02MOD-0026	For Horizontal Cores, Add	44.80	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.60	
	02MOD-0028	For Holes In Brick, Deduct	-78.40	
02112-0169	EA	Drill 18" Diameter Core In 6" Concrete	287.12	
	02MOD-0026	For Horizontal Cores, Add	49.79	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	99.57	
	02MOD-0028	For Holes In Brick, Deduct	-87.13	
02112-0170		Concrete 8" Thick (02112-0149)		
02112-0171	EA	Drill 2" Diameter Core In 8" Concrete	61.38	
	02MOD-0026	For Horizontal Cores, Add	10.95	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	21.91	
	02MOD-0028	For Holes In Brick, Deduct	-19.17	
02112-0172	EA	Drill 3" Diameter Core In 8" Concrete	73.81	
	02MOD-0026	For Horizontal Cores, Add	12.94	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.89	
	02MOD-0028	For Holes In Brick, Deduct	-22.65	
02112-0173	EA	Drill 4" Diameter Core In 8" Concrete	96.54	
	02MOD-0026	For Horizontal Cores, Add	16.93	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.85	
	02MOD-0028	For Holes In Brick, Deduct	-29.62	
02112-0174	EA	Drill 6" Diameter Core In 8" Concrete	134.23	
	02MOD-0026	For Horizontal Cores, Add	23.90	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.80	
	02MOD-0028	For Holes In Brick, Deduct	-41.82	
02112-0175	EA	Drill 8" Diameter Core In 8" Concrete	219.24	
	02MOD-0026	For Horizontal Cores, Add	39.83	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	79.66	
	02MOD-0028	For Holes In Brick, Deduct	-69.70	
02112-0176	EA	Drill 10" Diameter Core In 8" Concrete	250.94	
	02MOD-0026	For Horizontal Cores, Add	44.80	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.60	
	02MOD-0028	For Holes In Brick, Deduct	-78.40	
02112-0177	EA	Drill 12" Diameter Core In 8" Concrete	281.22	
	02MOD-0026	For Horizontal Cores, Add	49.79	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	99.57	
	02MOD-0028	For Holes In Brick, Deduct	-87.13	
02112-0178	EA	Drill 14" Diameter Core In 8" Concrete	313.43	
	02MOD-0026	For Horizontal Cores, Add	54.75	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	109.51	
	02MOD-0028	For Holes In Brick, Deduct	-95.82	
02112-0179	EA	Drill 18" Diameter Core In 8" Concrete	350.31	
	02MOD-0026	For Horizontal Cores, Add	59.74	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	119.49	
	02MOD-0028	For Holes In Brick, Deduct	-104.55	
02112-0180		Concrete 10" Thick (02112-0149)		
02112-0181	EA	Drill 2" Diameter Core In 10" Concrete	73.07	
	02MOD-0026	For Horizontal Cores, Add	12.94	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.89	
	02MOD-0028	For Holes In Brick, Deduct	-22.65	
02112-0182	EA	Drill 3" Diameter Core In 10" Concrete	86.18	
	02MOD-0026	For Horizontal Cores, Add	14.94	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.87	
	02MOD-0028	For Holes In Brick, Deduct	-26.14	
02112-0183	EA	Drill 4" Diameter Core In 10" Concrete	99.62	
	02MOD-0026	For Horizontal Cores, Add	16.93	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.85	
	02MOD-0028	For Holes In Brick, Deduct	-29.62	
02112-0184	EA	Drill 6" Diameter Core In 10" Concrete	137.98	
	02MOD-0026	For Horizontal Cores, Add	23.90	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.80	
	02MOD-0028	For Holes In Brick, Deduct	-41.82	
02112-0185	EA	Drill 8" Diameter Core In 10" Concrete	224.33	
	02MOD-0026	For Horizontal Cores, Add	39.83	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	79.66	
	02MOD-0028	For Holes In Brick, Deduct	-69.70	
02112-0186	EA	Drill 10" Diameter Core In 10" Concrete	257.64	
	02MOD-0026	For Horizontal Cores, Add	44.80	
	02MOD-0027	For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.60	
	02MOD-0028	For Holes In Brick, Deduct	-78.40	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0187	EA Drill 12" Diameter Core In 10" Concrete	289.21	
	02MOD-0026 For Horizontal Cores, Add	49.78	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	99.55	
	02MOD-0028 For Holes In Brick, Deduct	-87.11	
02112-0188	EA Drill 14" Diameter Core In 10" Concrete	323.62	
	02MOD-0026 For Horizontal Cores, Add	54.75	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	109.51	
	02MOD-0028 For Holes In Brick, Deduct	-95.82	
02112-0189	EA Drill 18" Diameter Core In 10" Concrete	363.63	
	02MOD-0026 For Horizontal Cores, Add	59.73	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	119.46	
	02MOD-0028 For Holes In Brick, Deduct	-104.52	
02112-0190	Concrete 12" Thick (02112-0149)		
02112-0191	EA Drill 2" Diameter Core In 12" Concrete	79.79	
	02MOD-0026 For Horizontal Cores, Add	13.94	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	27.88	
	02MOD-0028 For Holes In Brick, Deduct	-24.40	
02112-0192	EA Drill 3" Diameter Core In 12" Concrete	88.59	
	02MOD-0026 For Horizontal Cores, Add	14.94	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.87	
	02MOD-0028 For Holes In Brick, Deduct	-26.14	
02112-0193	EA Drill 4" Diameter Core In 12" Concrete	117.65	
	02MOD-0026 For Horizontal Cores, Add	19.91	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	39.83	
	02MOD-0028 For Holes In Brick, Deduct	-34.85	
02112-0194	EA Drill 6" Diameter Core In 12" Concrete	151.69	
	02MOD-0026 For Horizontal Cores, Add	25.89	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	51.78	
	02MOD-0028 For Holes In Brick, Deduct	-45.31	
02112-0195	EA Drill 8" Diameter Core In 12" Concrete	239.37	
	02MOD-0026 For Horizontal Cores, Add	41.82	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	83.64	
	02MOD-0028 For Holes In Brick, Deduct	-73.18	
02112-0196	EA Drill 10" Diameter Core In 12" Concrete	264.34	
	02MOD-0026 For Horizontal Cores, Add	44.80	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.60	
	02MOD-0028 For Holes In Brick, Deduct	-78.40	
02112-0197	EA Drill 12" Diameter Core In 12" Concrete	307.28	
	02MOD-0026 For Horizontal Cores, Add	51.78	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	103.56	
	02MOD-0028 For Holes In Brick, Deduct	-90.62	
02112-0198	Concrete >12" Thick (02112-0149)		
02112-0199	IN Drill 2" Diameter Core In >12" Concrete	9.36	
	02MOD-0026 For Horizontal Cores, Add	1.70	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.41	
	02MOD-0028 For Holes In Brick, Deduct	-2.98	
02112-0200	IN Drill 3" Diameter Core In >12" Concrete	10.50	
	02MOD-0026 For Horizontal Cores, Add	1.87	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.74	
	02MOD-0028 For Holes In Brick, Deduct	-3.27	
02112-0201	IN Drill 4" Diameter Core In >12" Concrete	13.95	
	02MOD-0026 For Horizontal Cores, Add	2.49	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.98	
	02MOD-0028 For Holes In Brick, Deduct	-4.35	
02112-0202	IN Drill 6" Diameter Core In >12" Concrete	18.05	
	02MOD-0026 For Horizontal Cores, Add	3.24	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	6.48	
	02MOD-0028 For Holes In Brick, Deduct	-5.67	
02112-0203	IN Drill 8" Diameter Core In >12" Concrete	28.68	
	02MOD-0026 For Horizontal Cores, Add	5.23	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	10.46	
	02MOD-0028 For Holes In Brick, Deduct	-9.16	
02112-0204	IN Drill 10" Diameter Core In >12" Concrete	31.48	
	02MOD-0026 For Horizontal Cores, Add	5.62	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	11.25	
	02MOD-0028 For Holes In Brick, Deduct	-9.84	
02112-0205	IN Drill 12" Diameter Core In >12" Concrete	36.41	
	02MOD-0026 For Horizontal Cores, Add	6.48	
	02MOD-0027 For Overhead Ceiling Cores (Where Not Accessible From Above), Add	12.95	
	02MOD-0028 For Holes In Brick, Deduct	-11.33	
02112-0206	Asphalt Core Drilling (02112-0148)		
02112-0207	Asphalt 2" Thick (02112-0206)		
02112-0208	EA Drill 2" Diameter Core In 2" Asphalt	22.31	
02112-0209	EA Drill 3" Diameter Core In 2" Asphalt	27.75	
02112-0210	EA Drill 4" Diameter Core In 2" Asphalt	34.97	
02112-0211	EA Drill 6" Diameter Core In 2" Asphalt	43.96	
02112-0212	EA Drill 8" Diameter Core In 2" Asphalt	55.00	
02112-0213	EA Drill 10" Diameter Core In 2" Asphalt	68.23	

02000 Site Construction**02110 Demolition****02112 Selective Demolition**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0214	EA	Drill 12" Diameter Core In 2" Asphalt.....	85.12	
02112-0215		Asphalt 3" Thick (02112-0206)		
02112-0216	EA	Drill 2" Diameter Core In 3" Asphalt.....	28.41	
02112-0217	EA	Drill 3" Diameter Core In 3" Asphalt.....	35.63	
02112-0218	EA	Drill 4" Diameter Core In 3" Asphalt.....	44.62	
02112-0219	EA	Drill 6" Diameter Core In 3" Asphalt.....	56.24	
02112-0220	EA	Drill 8" Diameter Core In 3" Asphalt.....	69.95	
02112-0221	EA	Drill 10" Diameter Core In 3" Asphalt.....	87.55	
02112-0222	EA	Drill 12" Diameter Core In 3" Asphalt.....	108.82	
02112-0223		Asphalt 4" Thick (02112-0206)		
02112-0224	EA	Drill 2" Diameter Core In 4" Asphalt.....	36.55	
02112-0225	EA	Drill 3" Diameter Core In 4" Asphalt.....	45.60	
02112-0226	EA	Drill 4" Diameter Core In 4" Asphalt.....	57.41	
02112-0227	EA	Drill 6" Diameter Core In 4" Asphalt.....	71.79	
02112-0228	EA	Drill 8" Diameter Core In 4" Asphalt.....	90.18	
02112-0229	EA	Drill 10" Diameter Core In 4" Asphalt.....	112.26	
02112-0230	EA	Drill 12" Diameter Core In 4" Asphalt.....	139.81	
02112-0231		Asphalt 6" Thick (02112-0206)		
02112-0232	EA	Drill 2" Diameter Core In 6" Asphalt.....	46.73	
02112-0233	EA	Drill 3" Diameter Core In 6" Asphalt.....	59.59	
02112-0234	EA	Drill 4" Diameter Core In 6" Asphalt.....	74.30	
02112-0235	EA	Drill 6" Diameter Core In 6" Asphalt.....	92.40	
02112-0236	EA	Drill 8" Diameter Core In 6" Asphalt.....	116.58	
02112-0237	EA	Drill 10" Diameter Core In 6" Asphalt.....	144.98	
02112-0238	EA	Drill 12" Diameter Core In 6" Asphalt.....	180.83	
02112-0239		Manhole Core Drilling (02112-0148)		
02112-0240	EA	Drill 4" Diameter Core In 6" Brick Manhole.....	155.32	
02112-0241	EA	Drill 5" Diameter Core In 6" Brick Manhole.....	177.41	
02112-0242	EA	Drill 6" Diameter Core In 6" Brick Manhole.....	206.51	
02112-0243	EA	Drill 8" Diameter Core In 6" Brick Manhole.....	308.77	
02112-0244	EA	Drill 2" Diameter Core In 8" Concrete Manhole.....	206.86	
02112-0245	EA	Drill 3" Diameter Core In 8" Concrete Manhole.....	222.13	
02112-0246	EA	Drill 4" Diameter Core In 8" Concrete Manhole.....	246.25	
02112-0247	EA	Drill 5" Diameter Core In 8" Concrete Manhole.....	264.71	
02112-0248	EA	Drill 6" Diameter Core In 8" Concrete Manhole.....	312.99	
02112-0249	EA	Drill 8" Diameter Core In 8" Concrete Manhole.....	446.17	
02112-0250	EA	Drill 2" Diameter Core In Fiberglass Manhole.....	20.03	
02112-0251	EA	Drill 3" Diameter Core In Fiberglass Manhole.....	23.17	
02112-0252	EA	Drill 4" Diameter Core In Fiberglass Manhole.....	25.14	
02112-0253	EA	Drill 5" Diameter Core In Fiberglass Manhole.....	27.44	
02112-0254	EA	Drill 6" Diameter Core In Fiberglass Manhole.....	30.18	
02112-0255	EA	Drill 8" Diameter Core In Fiberglass Manhole.....	33.57	
02112-0256		Block Walls Core Drilling (02112-0148)		
02112-0257	EA	Drill 6" Diameter Core In 8" Block Wall.....	110.63	
02112-0258	EA	Drill 6" Diameter Core In 12" Block Wall.....	141.14	
02112-0259		Drilling In Concrete Per Inch Of Depth (02112-0148)		
		Note: Includes layout		
02112-0260	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	2.19	
02112-0261	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth.....	2.30	
02112-0262	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	2.46	
02112-0263	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth.....	2.62	
02112-0264	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	2.88	
02112-0265	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth.....	3.13	
02112-0266	IN	1" Diameter Drilling In Concrete Per Inch Of Depth.....	3.28	
02112-0267	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	3.63	
02112-0268	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	4.11	
02112-0269		Drilling In Brick Or Block Per Inch Of Depth (02112-0148)		
		Note: Includes layout		
02112-0270	IN	1/4" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	1.43	
02112-0271	IN	3/8" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	1.50	
02112-0272	IN	1/2" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	1.61	
02112-0273	IN	5/8" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	1.71	
02112-0274	IN	3/4" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	1.87	
02112-0275	IN	7/8" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	2.04	
02112-0276	IN	1" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	2.14	
02112-0277	IN	1-1/4" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	2.36	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02112-0278	IN	1-1/2" Diameter Drilling In Brick Or Block Per Inch Of Depth.....	2.68	
02112-0279		Limestone Core Drilling (02112-0148)		
02112-0280		10" To 14" Thick Limestone Core Drilling (02112-0279)		
02112-0281	EA	Drill 1" Diameter Core In 10" To 14" Limestone.....	46.77	
02112-0282	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone.....	56.55	
02112-0283	EA	Drill 2" Diameter Core In 10" To 14" Limestone.....	62.07	
02112-0284	EA	Drill 3" Diameter Core In 10" To 14" Limestone.....	73.11	
02112-0285	EA	Drill 4" Diameter Core In 10" To 14" Limestone.....	84.42	
02112-0286	EA	Drill 6" Diameter Core In 10" To 14" Limestone.....	117.05	
02112-0287	EA	Drill 8" Diameter Core In 10" To 14" Limestone.....	190.58	
02112-0288		15" To 18" Thick Limestone Core Drilling (02112-0279)		
02112-0289	EA	Drill 1" Diameter Core In 15" To 18" Limestone.....	51.89	
02112-0290	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone.....	61.94	
02112-0291	EA	Drill 2" Diameter Core In 15" To 18" Limestone.....	67.72	
02112-0292	EA	Drill 3" Diameter Core In 15" To 18" Limestone.....	75.04	
02112-0293	EA	Drill 4" Diameter Core In 15" To 18" Limestone.....	99.68	
02112-0294	EA	Drill 6" Diameter Core In 15" To 18" Limestone.....	128.56	
02112-0295	EA	Drill 8" Diameter Core In 15" To 18" Limestone.....	203.26	
02112-0296		19" To 24" Thick Limestone Core Drilling (02112-0279)		
02112-0297	EA	Drill 1" Diameter Core In 19" To 24" Limestone.....	56.90	
02112-0298	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone.....	67.18	
02112-0299	EA	Drill 2" Diameter Core In 19" To 24" Limestone.....	73.19	
02112-0300	EA	Drill 3" Diameter Core In 19" To 24" Limestone.....	85.22	
02112-0301	EA	Drill 4" Diameter Core In 19" To 24" Limestone.....	118.89	
02112-0302	EA	Drill 6" Diameter Core In 19" To 24" Limestone.....	148.29	
02112-0303	EA	Drill 8" Diameter Core In 19" To 24" Limestone.....	219.79	
02112-0304		Minimum Charge For Core Drilling (02112-0148)		
02112-0305	EA	Core Drill Minimum Charge.....	452.84	
		Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".		
02112-0306		Cut-Outs (02112)		
		Note: Includes drilling pilot hole at corners, saw cutting, cleaning and removal. For vertical heights over 14' add appropriate equipment rental (scaffolding, lifts). Not to be used for openings greater than 24 SF.		
02112-0307		Concrete (02112-0306)		
02112-0308		Slab On Grade (02112-0307)		
02112-0309	SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Light Reinforced, Slab On Grade.....	32.68	
02112-0310	SF	Up To 6" Thick Concrete Cutouts, > 8 SF With Light Reinforced, Slab On Grade.....	15.89	
02112-0311	SF	Up To 6" Thick Concrete Cutouts, Up To 8 SF With Bar Reinforced, Slab On Grade.....	36.96	
02112-0312	SF	Up To 6" Thick Concrete Cutouts, > 8 SF With Bar Reinforced, Slab On Grade.....	26.41	
02112-0313		Elevated Slabs With Reinforcing And Decking (02112-0307)		
02112-0314	CF	Concrete Cutouts Elevated Slabs, Up To 6 CF With Light Reinforced.....	36.98	
02112-0315	CF	Concrete Cutouts Elevated Slabs, > 6 CF With Light Reinforced.....	30.82	
02112-0316	CF	Concrete Cutouts Elevated Slabs, Up To 6 CF With Bar Reinforced.....	55.47	
02112-0317	CF	Concrete Cutouts Elevated Slabs, > 6 CF With Bar Reinforced.....	46.23	
02112-0318		Walls (02112-0307)		
02112-0319	SF	2" Thick Concrete Wall Cutouts.....	37.45	
02112-0320	SF	4" Thick Concrete Wall Cutouts.....	45.76	
02112-0321	SF	6" Thick Concrete Wall Cutouts.....	48.54	
02112-0322	SF	8" Thick Concrete Wall Cutouts.....	51.32	
02112-0323	SF	10" Thick Concrete Wall Cutouts.....	54.09	
02112-0324	SF	12" Thick Concrete Wall Cutouts.....	55.47	
02112-0325		Brick Walls (02112-0306)		
		Note: Excludes toothing		
02112-0326	EA	4" Thick Brick Wall Cutouts, Up To 4 SF Opening.....	92.45	
02112-0327	EA	8" Thick Brick Wall Cutouts, Up To 4 SF Opening.....	126.08	
02112-0328	EA	12" Thick Brick Wall Cutouts, Up To 4 SF Opening.....	184.92	
02112-0329	SF	4" Thick Brick Wall Cutouts, > 4 SF Opening.....	22.89	
02112-0330	SF	8" Thick Brick Wall Cutouts, > 4 SF Opening.....	31.87	
02112-0331	SF	10" Thick Brick Wall Cutouts, > 4 SF Opening.....	38.83	
02112-0332	SF	12" Thick Brick Wall Cutouts, > 4 SF Opening.....	46.46	

02000 Site Construction**02110 Demolition****02112 Selective Demolition**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**02112-0333****Concrete Block Walls** (02112-0306)

Note: Excludes toothing

02112-0334	EA	4" Thick Concrete Block Wall Cutouts, Up To 4 SF Opening.....	92.45
02112-0335	EA	8" Thick Concrete Block Wall Cutouts, Up To 4 SF Opening.....	102.74
02112-0336	EA	12" Thick Concrete Block Wall Cutouts, Up To 4 SF Opening.....	110.95
02112-0337	SF	4" Thick Concrete Block Wall Cutouts, > 4 SF Opening	22.94
02112-0338	SF	6" Thick Concrete Block Wall Cutouts, > 4 SF Opening	24.29
02112-0339	SF	8" Thick Concrete Block Wall Cutouts, > 4 SF Opening	25.65
02112-0340	SF	10" Thick Concrete Block Wall Cutouts, > 4 SF Opening	27.05
02112-0341	SF	12" Thick Concrete Block Wall Cutouts, > 4 SF Opening	27.74

02112-0342**Limestone** (02112-0306)

02112-0343	SF	2" Thick Limestone Cutouts	38.83
02112-0344	SF	4" Thick Limestone Cutouts	47.16
02112-0345	SF	6" Thick Limestone Cutouts	49.92
02112-0346	SF	8" Thick Limestone Cutouts	52.70
02112-0347	SF	10" Thick Limestone Cutouts	55.47
02112-0348	SF	12" Thick Limestone Cutouts	58.25

02112-0349**Toothing Masonry Cutouts** (02112-0306)

Note: For cutting out alternate courses in existing work to provide a bond for new work to match existing seams. VLF measurement includes all horizontal cutting.

02112-0350	VLF	Toothing Masonry Cutouts, Brick, Soft Old Mortar.....	13.87
02112-0351	VLF	Toothing Masonry Cutouts, Brick, Hard Mortar.....	18.72
02112-0352	VLF	Toothing Masonry Cutouts, Block, Soft Old Mortar.....	8.32
02112-0353	VLF	Toothing Masonry Cutouts, Block, Hard Mortar.....	11.09

02115 Underground Storage Tank Removal (02110)

See CSI section 02200-0000 for non-contaminated soil excavation, 02400-0000 for shoring.

02115-0001**Monitoring, Sampling, Testing And Analysis** (02115)**02115-0002****Field Samples For Testing** (02115-0001)

02115-0003	EA	Collection Of Sludge Sample.....	11.72
02115-0004	EA	Collection Of Pumpable Liquids Sample.....	11.72
02115-0005	EA	Collection Of Contaminated Soil Sample.....	11.72

02115-0006**Lab Tests For Underground Storage Tank Removal** (02115-0001)

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02115-0007	EA	Lab Test - Benzene, Toluene, Ethylbenzene, Xylene 8020	90.00
		Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	
02115-0008	EA	Lab Test - Flashpoint	35.00
		Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	
02115-0009	EA	Lab Test - TOX 9020	87.09
		Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	
02115-0010	EA	Lab Test - TPH 8015 Modified	90.00
		Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	
02115-0011	EA	Lab Test - TRPH 418.1	70.00
		Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	
02115-0012	EA	Lab Test - VOC	190.00
		Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	
02115-0013	EA	Lab Test - Semi-Volatile Organic.....	350.00
		Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	
02115-0014	EA	Lab Test - Oil And Grease 413.1	43.54
		Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	
02115-0015	EA	Lab Test - TCLP (Extraction) - Metals.....	75.00
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	
02115-0016	EA	Lab Test - TCLP (Extraction) - Semi-Volatile Organic.....	100.00
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	
02115-0017	EA	Lab Test - Metals 6010 RCRA	112.00
		Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	
02115-0018	EA	Lab Test - Metals (Arsenic) 7060	15.00
		Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	
02115-0019	EA	Lab Test - Metals (Selenium) 7740	15.00
		Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	
02115-0020	EA	Lab Test - Metals (Lead) 7421	15.00
		Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	
02115-0021	EA	Lab Test - Metals (Mercury) 7470	28.00
		Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02115-0022 EA Lab Test - PNA/PAH 8100..... Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	160.00	
02115-0023 EA Lab Test - Fuel Id ASTM D3328-78..... Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	59.87	
02115-0024 EA Lab Test - pH.....	12.00	
02115-0025 EA Lab Test - PCB.....	150.00	
02115-0026 EA Lab Test - Methyl Tertiary Butyl Ether (MTBE).....	90.00	
02115-0027 Tests, Surveys And Maintenance (02115-0001)		
02115-0028 EA Site Survey For AST/UST Location By Certified Tank Installer..... Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overflow performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	520.21	
02115-0029 EA Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems..... Note: By Certified Technician. Write report of findings for action if needed	90.09	
02115-0030 EA Check And Report On Monitor Probes..... Note: By Certified Technician	20.85	
02115-0031 EA Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report..... Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	146.71	
02115-0032 EA Replace Anode On Impressed System.....	59.85	
02115-0033 EA Replace Power Converter On Impressed System.....	86.62	
02115-0034 EA Replace Monitor Probes.....	127.56	
02115-0035 EA Prepare Tank For Ultrasonic Test.....	327.28	
02115-0036 EA Ultrasonic Test.....	1,249.03	
02115-0037 Tests And Sampling Labor Hours (02115-0001)		
02115-0038 HR Certified Tank Installer.....	56.65	
02115-0039 HR Certified Geologist/Environmentalist.....	56.65	
02115-0040 HR Hourly Office Work For Both For Reports Required For EPA..... Note: Includes title searches, well survey data, drawing site drawings, filing preliminary work with EPA for feedback, prepare on CAP-A and CAP-B plans, etc. Hours not to be used in association with other tasks performed.	50.91	
02115-0041 Remove Tank Contents (02115)		
02115-0042 Transfer Liquid (02115-0041) Note: For use to transfer liquids from one tank to another.		
02115-0043 GAL Transfer Reusable Liquid To Different Tank..... Note: Per gallon of material transferred.	0.51	
02115-0044 Remove And Dispose Of Liquid From Tank (02115-0041)		
02115-0045 GAL Remove and Dispose of Hazardous Liquids From Tank.....	1.21	
02115-0046 GAL Remove And Dispose Of Non-Hazardous Liquid From Tank.....	0.84	
02115-0047 Remove And Dispose Of Solids Or Sludge (02115-0041) Note: Includes scraping and solidifying agent.		
02115-0048 GAL Remove And Dispose Of Hazardous Solids Or Sludge From Tank.....	4.73	
02115-0049 GAL Remove And Dispose Of Non-Hazardous Solids Or Sludge From Tank.....	1.11	
02115-0050 Purge Vapors, Open And Clean Tank (02115)		
02115-0051 Purge Vapors (02115-0050)		
02115-0052 LB Purge Tank Using Dry Ice..... Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	2.26	
02115-0053 Clean And Rinse Tank Interior (02115-0050)		
02115-0054 EA Clean 1 - 500 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	244.93	
02115-0055 EA Clean 501 - 1000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	428.64	
02115-0056 EA Clean 1001 - 2000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	612.33	
02115-0057 EA Clean 2001 - 5000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	857.26	
02115-0058 EA Clean 5001 - 10000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	1,283.33	
02115-0059 EA Clean 10001 - 20000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	1,930.77	
02115-0060 EA Clean 20001 - 30000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	2,582.12	
02115-0061 EA Clean 30001 - 40000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	3,198.75	
02115-0062 EA Clean 40001 - 50000 Gallon Tank Interior High Pressure Water Wash And Rinse Of Tank Interior.....	4,286.32	
02115-0063 Clean Tank Exterior (02115-0050)		
02115-0064 EA Clean 1 - 500 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	203.42	
02115-0065 EA Clean 501 - 1000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	339.04	

02000 Site Construction**02110 Demolition****02115 Underground Storage Tank Removal**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02115-0066	EA	Clean 1001 - 2000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	474.66	
02115-0067	EA	Clean 2001 - 5000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	678.08	
02115-0068	EA	Clean 5001 - 10000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	1,356.16	
02115-0069	EA	Clean 10001 - 20000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	2,712.32	
02115-0070	EA	Clean 20001 - 30000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	3,390.40	
02115-0071	EA	Clean 30001 - 40000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	4,403.12	
02115-0072	EA	Clean 40001 - 50000 Gallon Tank Exterior Scrape Clean The Exterior Surface Of The Tank.....	6,054.30	
02115-0073		Tank And Piping Removal <small>(02115)</small>		
		Note: Excludes excavation. See CSI section 02115-0125 for excavation.		
02115-0074		Removal Of Piping <small>(02115-0073)</small>		
		Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02115-0075	LF	Removal And Disposal Of Piping Below 4" Diameter	12.90	
02115-0076	LF	Removal And Disposal Of Piping 4" To 8" Diameter	17.20	
02115-0077		Remove Tank <small>(02115-0073)</small>		
02115-0078	EA	Remove 1 - 500 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	440.63	
		Note: Excludes excavation or backfill		
02115-0079	EA	Remove 501 - 1000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	734.37	
		Note: Excludes excavation or backfill		
02115-0080	EA	Remove 1001 - 2000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,028.12	
		Note: Excludes excavation or backfill		
02115-0081	EA	Remove 2001 - 5000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,468.75	
		Note: Excludes excavation or backfill		
02115-0082	EA	Remove 5001 - 10000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,056.26	
		Note: Excludes excavation or backfill		
02115-0083	EA	Remove 10001 - 20000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,570.32	
		Note: Excludes excavation or backfill		
02115-0084	EA	Remove 20001 - 30000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,084.38	
		Note: Excludes excavation or backfill		
02115-0085	EA	Remove 30001 - 40000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,671.88	
		Note: Excludes excavation or backfill		
02115-0086	EA	Remove 40001 - 50000 Gallon Tank Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,112.51	
		Note: Excludes excavation or backfill		
02115-0087		Cut Tank For Disposal <small>(02115-0073)</small>		
		Note: When necessary. Includes 1 lengthwise at every 4' O.C. height wise		
02115-0088	EA	Cut 1001 - 2000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	422.11	
02115-0089	EA	Cut 2001 - 5000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	844.20	
02115-0090	EA	Cut 5001 - 10000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,267.57	
02115-0091	EA	Cut 10001 - 20000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,688.40	
02115-0092	EA	Cut 20001 - 30000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,110.51	
02115-0093	EA	Cut 30001 - 40000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,527.55	
02115-0094	EA	Cut 40001 - 50000 Gallon Tank Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,376.80	
02115-0095		Transport Tank To Disposal Facility Or Transfer Station <small>(02115-0073)</small>		
02115-0096	EA	Up To 500 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility.....	168.79	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	4.22	
02115-0097	EA	> 500 To 1000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	225.05	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	5.63	
02115-0098	EA	> 1000 To 2000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	789.58	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	7.50	
02115-0099	EA	> 2000 To 5000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	1,314.91	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	11.25	
02115-0100	EA	> 5000 To 10000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	1,938.14	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	15.00	
02115-0101	EA	> 10000 To 20000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	2,838.76	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	18.75	
02115-0102	EA	> 20000 To 30000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	3,581.07	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	23.44	
02115-0103	EA	> 30000 To 40000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	5,279.53	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	30.01	
02115-0104	EA	> 40000 To 50000 Gallon Tank; Transport, Load And Haul, And Dispose Of Tank At Disposal Facility	6,558.62	
		Note: Includes disposal fee.		
		<i>02MOD-0029 For Each Additional Mile > 15 Miles, Add</i>	37.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02115-0105 Other Storage Tank Removals <small>(02115-0073)</small>		
02115-0106 GAL Remove Cement Lining .....	.43	
02115-0107 GAL Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams.....	.15	
02115-0108 GAL Install Epoxy For Interior Corrosion Protection .....	.69	
02115-0109 Tank Closure Report <small>(02115-0073)</small>		
Note: Excludes soils tests. See CSI section 02115-0006 for soil tests.		
02115-0110 EA Prepare Tank Closure Report.....	1,300.52	
02115-0111 Temporary Tanks <small>(02115)</small>		
02115-0112 Temporary Holding Tanks <small>(02115-0111)</small>		
02115-0113 Above Ground Wastewater Tanks <small>(02115-0112)</small>		
02115-0114 EA 550 Gallon, Stainless Steel, DOT Approved, Monthly Rental	430.42	
02115-0115 EA 630 Gallon, Polyethylene, DOT Approved, Monthly Rental	430.42	
02115-0116 EA 630 Gallon, Polyethylene, Stackable, Monthly Rental	860.83	
02115-0117 EA 4,000 Gallon, Polyethylene, Stackable, Monthly Rental	645.63	
02115-0118 EA 4,000 Gallon, Polyethylene, Trailer Mounted, Monthly Rental	1,506.46	
02115-0119 EA 6,000 Gallon, Polyethylene, Total Drain, Monthly Rental.....	1,076.04	
02115-0120 EA 21,000 Gallon (500 BBL), Steel, Open, Stationary, Monthly Rental.....	1,649.50	
02115-0121 EA 21,000 Gallon (500 BBL), Steel, Closed, Stationary, Monthly Rental	1,976.78	
02115-0122 EA 21,000 Gallon (500 BBL), Steel, Vapor Proof, Monthly Rental	3,338.27	
02115-0123 Secondary Containment Berm <small>(02115-0111)</small>		
02115-0124 EA Secondary Containment Berm Monthly Rental.....	932.57	
02115-0125 Excavation Of Contaminated Soil <small>(02115)</small>		
See CSI section 02115-0006 for testing, 02200-0000 for loading non-petroleum contaminated material onto trucks for removal, 02201-0000 for mobilization of excavation equipment and excavation.		
02115-0126 Excavate Contaminated Soil <small>(02115-0125)</small>		
02115-0127 CY Excavate Contaminated Soil.....	9.41	
Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.		
02115-0128 CY Load Excavated Contaminated Soil.....	5.46	
02115-0129 CY Disposal Fees Of Contaminated Soil.....	60.78	
02115-0130 Accessories For Contaminated Soil Stockpile <small>(02115-0125)</small>		
See CSI section 02264-0043 for sand bags.		
02115-0131 SF 30 Mil Base Liner.....	0.83	
Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.		
02115-0132 SF 10 Mil Base Liner	0.60	
Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.		
02115-0133 Shipping Of Hazardous Waste <small>(02115)</small>		
02115-0134 Subcontracted Shipping Of Hazardous Waste <small>(02115-0133)</small>		
02115-0135 MI Transport 80, 55-Gallon Drums Of Solid Hazardous Waste	9.12	
02115-0136 MI Transport 20 CY Bulk Solid Hazardous Waste	9.12	
02115-0137 MI Transport 18 Ton Bulk Solid Hazardous Waste	9.12	
02115-0138 MI Transport 5000 Gallon Bulk Sludge/ Liquid Hazardous Waste	10.43	
02116 Hazardous Material <small>(02110)</small>		
Note: Asbestos, lead or contaminated soils		
02116-0001 Hazardous Material Disposal <small>(02116)</small>		
02116-0002 GAL Drain Hazardous (PCB) Oil Filled Equipment And Dispose In Approved Container	7.67	
Note: Includes handling of container and disposal at approved site.		
02116-0003 CF Hazardous (PCB) Oil Filled Equipment Disposal At Approved Site.....	51.83	
Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.		
02116-0004 Hazardous Waste Packaging <small>(02116)</small>		
02116-0005 Overpacks <small>(02116-0004)</small>		
02116-0006 Steel Salvage Drums, 16 Gauge <small>(02116-0005)</small>		
02116-0007 EA 110 Gallon, 30" Diameter X 41" High.....	161.68	
02116-0008 EA 85 Gallon, 26" Diameter X 38" High.....	92.03	
02116-0009 EA 83 Gallon, 26" Diameter X 36" High.....	88.82	
02116-0010 EA 55 Gallon, DOT 17C, 18" Diameter X 34" High.....	55.57	

02000 Site Construction**02110 Demolition****02116 Hazardous Material**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02116-0011	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High.....	43.78	
02116-0012	EA	22 Gallon, 16" Diameter X 25" High.....	29.49	
02116-0013	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High.....	26.67	
02116-0014	EA	10 Gallon, 13.8" Diameter X 15" High.....	23.50	
02116-0015		Polyethylene Overpacks (02116-0005)		
02116-0016	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High.....	182.62	
02116-0017	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High.....	33.75	
02116-0018	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High.....	165.25	
02116-0019		Composite Overpacks (02116-0005)		
02116-0020	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums.....	89.68	
02116-0021	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums.....	123.00	
02116-0022	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums.....	166.91	
02116-0023		DOT E-9168 Exempt Packaging (02116-0005)		
02116-0024	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	12.86	
02116-0025	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	13.57	
02116-0026	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	13.27	
02116-0027	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	6.57	
02116-0028	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS.....	4.80	
02116-0029	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS.....	3.49	
02116-0030	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS.....	4.54	
02116-0031		Steel Drums (02116-0004)		
02116-0032		DOT Steel Drums (02116-0031)		
02116-0033	EA	8 Gallon, 17C, Open.....	30.11	
02116-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49).....	831.90	
02116-0035	EA	55 Gallon, 17C, Open.....	58.44	
02116-0036	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24).....	671.30	
02116-0037	EA	55 Gallon Reconditioned Steel 17h Drum (50+).....	29.46	
02116-0038	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49).....	658.67	
02116-0039	EA	55 Gallon, 17C, Closed.....	55.23	
02116-0040	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+).....	788.59	
02116-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24).....	963.64	
02116-0042	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49).....	945.59	
02116-0043	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9).....	871.60	
02116-0044	EA	55 Gallon, 17H, Open Only.....	44.78	
02116-0045	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+).....	593.70	
02116-0046	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24).....	855.36	
02116-0047	EA	55 Gallon, 17H, Closed Only.....	35.29	
02116-0048	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....	559.41	
02116-0049	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+).....	851.75	
02116-0050	EA	30 Gallon, 17C, Open.....	40.91	
02116-0051	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....	909.50	
02116-0052	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....	537.76	
02116-0053	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49).....	770.55	
02116-0054	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....	514.30	
02116-0055	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....	887.84	
02116-0056	EA	30 Gallon, 17H, Open.....	34.78	
02116-0057	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+).....	730.85	
02116-0058	EA	55 Gallon Reconditioned Steel 17h Drum (1-9).....	43.20	
02116-0059	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	496.25	
02116-0060	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....	871.60	
02116-0061	EA	30 Gallon, 17E, Open.....	25.23	
02116-0062	EA	55 Gallon Reconditioned Steel 17h Drum (10-24).....	38.29	
02116-0063	EA	20 Gallon, 17C, Open.....	35.46	
02116-0064	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	784.98	
02116-0065	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9).....	940.18	
02116-0066	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9).....	687.54	
02116-0067	EA	55 Gallon Reconditioned Steel 17h Drum (25-49).....	33.38	
02116-0068	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24).....	922.13	
02116-0069	EA	20 Gallon, 17E, Open.....	23.87	
02116-0070		Plastic Drums (02116-0004)		
02116-0071		Polyethylene Closed Head Drums (02116-0070)		
		Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.		
02116-0072	EA	55 Gallon Polyethylene Closed Head Drums.....	36.68	
02116-0073	EA	35 Gallon Polyethylene Closed Head Drums.....	28.16	
02116-0074	EA	30 Gallon Polyethylene Closed Head Drums.....	25.57	
02116-0075	EA	20 Gallon Polyethylene Closed Head Drums.....	17.86	
02116-0076	EA	15 Gallon Polyethylene Closed Head Drums.....	17.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02116-0077	Polyethylene Open Head Drums <small>(02116-0070)</small>	
	Note: Open head drums are primarily used for solids and sludge.	
02116-0078	EA 55 Gallon Polyethylene Open Head Drums	46.37
02116-0079	EA 35 Gallon Polyethylene Open Head Drums	34.09
02116-0080	EA 30 Gallon Polyethylene Open Head Drums	32.39
02116-0081	EA 20 Gallon Polyethylene Open Head Drums	23.87
02116-0082	EA 15 Gallon Polyethylene Open Head Drums	20.46

02116-0083	Fiber Drums <small>(02116-0004)</small>	
02116-0084	Steel Top/Fiber Bottom Drums, Hazardous <small>(02116-0083)</small>	
	Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.	
02116-0085	EA 30 Gallon Fiber Drum DOT-21C (1-9).....	28.09
02116-0086	EA 30 Gallon Fiber Drum DOT-21C (10-24).....	26.32
02116-0087	EA 30 Gallon Fiber Drum DOT-21C (25-49).....	24.00
02116-0088	EA 30 Gallon Fiber Drum DOT-21C (50+).....	23.73
02116-0089	EA 55 Gallon Fiber Drum DOT-21C (1-9).....	28.91
02116-0090	EA 55 Gallon Fiber Drum DOT-21C (10-24).....	27.27
02116-0091	EA 55 Gallon Fiber Drum DOT-21C (25-49).....	25.23
02116-0092	EA 55 Gallon Fiber Drum DOT-21C (50-99).....	24.41
02116-0093	EA 55 Gallon Fiber Drum DOT-21C (100+).....	21.14

02116-0094	Polyethylene/Polyester Lined, Steel Top/Fiber Bottom Drums <small>(02116-0083)</small>	
	Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.	
02116-0095	EA 10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	18.00
02116-0096	EA 20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	19.64
02116-0097	EA 20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	22.91

02116-0098	Loading Hazardous Waste For Shipment <small>(02116-0004)</small>	
02116-0099	EA Load Drums On Disposal Truck.....	7.64
02116-0100	EA Load Liquid Or Sludge Into 5000 Gallon Bulk Tank Truck.....	841.75

02119 Hauling And Disposal Processing Fee (02110)

02119-0001	Debris Processing Fee <small>(02119)</small>	
02119-0002	Recycler Fees <small>(02119-0001)</small>	
	Note: Excludes hauling.	
02119-0003	CY Drop-Off Asphalt At Recycling Center	32.52
02119-0004	CY Drop-Off Concrete At Recycling Center.....	27.10

02119-0005	Landfill Dump Fees <small>(02119-0001)</small>	
	Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.	
02119-0006	CY Traditional Building Construction Materials Landfill Dump Fee.....	21.68
02119-0007	CY Trees, Stumps And Brush Landfill Dump Fee.....	21.68
02119-0008	CY Rubbish Landfill Dump Fee.....	21.68
02119-0009	CY Hazardous Materials And Rubbish (Paint Cans, Etcetera) Landfill Dump Fee	37.94
02119-0010	CY Excavated Dirt Landfill Dump Fee	16.26

02119-0011	Hauling <small>(02119)</small>	
	Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.	
02119-0012	CYM Hauling Up To 15 Miles	0.85
02119-0013	CYM Hauling, Miles Over Initial 15 Miles.....	0.64

02200 Earthwork (02000)

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

02201 Earthwork Equipment Mobilization (02200)

02000 Site Construction**02200 Earthwork****02201 Earthwork Equipment Mobilization**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02201-0001		Equipment Delivery, Pickup, Mobilization And Demobilization (02201) Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
02201-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck .....201.32 Note: For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.	201.32	
02201-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....402.63 Note: For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with > 40' boom lengths, etc.	402.63	
02204		Site Scarify (02200)		
02204-0001		Rip Settling Basins (02204) Note: Rip through light soil and sand in settling basin. 8' on center (machine width)		
02204-0002	ACR	Rip Light Soil And Sand, By Dozer .....456.41	456.41	
02204-0003	ACR	Rip Light Soil And Sand, By Grader With Rear Ripper .....730.64	730.64	
02204-0004	ACR	Rip Light Soil And Sand, By Rubber Tire Front End Loader .....617.76	617.76	
02205		Bulk Excavation (02200) Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 02213-0000 for imported material.		
02205-0001		Excavation (02205) Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.		
02205-0002	CY	Bulk Excavation by Dozer in Soil .....6.79	6.79	
		02MOD-0030 For Excavation In Light Material (Class A), Deduct	-0.85	
		02MOD-0031 For Excavation In Heavy/Wet Material (Class C), Add	2.72	
		02MOD-0032 For > 1000, Deduct	-1.02	
02205-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil .....4.11	4.11	
		02MOD-0030 For Excavation In Light Material (Class A), Deduct	-0.51	
		02MOD-0031 For Excavation In Heavy/Wet Material (Class C), Add	1.64	
		02MOD-0032 For > 1000, Deduct	-0.62	
02205-0004	CY	Bulk Excavation by Dozer in Loose Rock .....8.35	8.35	
		02MOD-0032 For > 1000, Deduct	-1.25	
02205-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock.....5.05	5.05	
		02MOD-0032 For > 1000, Deduct	-0.76	
02205-0006		Spreading, Shaping And Rough Grading (02205) Note: Imported or stockpiled material for bulk excavation.		
02205-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine .....4.19	4.19	
		02MOD-0032 For > 1000, Deduct	-0.63	
02205-0008		Cutting, Shaping and Rough Grading Of Existing Elevations (02205) Note: For bulk excavation.		
02205-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine .....4.66	4.66	
		02MOD-0032 For > 1000, Deduct	-0.70	
02205-0010		Relocating On Site Excavated Material From Excavation (02205) Note: For bulk excavation.		
02205-0011	CY	Relocating On Site Excavated Material From Bulk Excavation Over 100' to 300' .....3.72	3.72	
		02MOD-0032 For > 1000, Deduct	-0.56	
02205-0012	CY	Relocating On Site Excavated Material From Bulk Excavation Over 300' to 500' .....5.59	5.59	
		02MOD-0032 For > 1000, Deduct	-0.84	
02205-0013	CY	Relocating On Site Excavated Material From Bulk Excavation Over 500' To 1000' .....8.38	8.38	
		02MOD-0032 For > 1000, Deduct	-1.26	
02205-0014	CY	Relocating On Site Excavated Material From Bulk Excavation Over 1000' .....11.17	11.17	
		02MOD-0032 For > 1000, Deduct	-1.68	
02205-0015		Finish Grading (02205) Note: For bulk excavation.		
02205-0016	SY	Finish Grading for Bulk Excavation by Machine .....0.46	0.46	
02205-0017		Compaction Of Fill Or Subbase, Per Lift (02205) Note: For bulk excavation. See CSI section 02223-0000 for compaction water.		
02205-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine .....0.48	0.48	
		Note: Per Lift		
02205-0019		Loading Excess Material For Removal From Excavation (02205) Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
02205-0020	CY	Loading Excess Material For Removal From Bulk Excavation.....4.09	4.09	
		02MOD-0033 For > 1000, Deduct	-0.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02210 Excavation For Building Foundations And Other Structures (02200)

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 02205-0000 for bulk excavation operations over 500 CY, 02213-0000 for imported material.

02210-0001	Excavation (02210)		
	Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.		
02210-0002	Excavation For Building Foundations And Other Structures By Bobcat (02210-0001)		
02210-0003	CY Excavation For Building Foundations And Other Structures By Bobcat in Soil		6.35
	02MOD-0034 For Excavation In Light Material (Class A), Deduct	-0.79	
	02MOD-0035 For Excavation In Heavy/Wet Material (Class C), Add	2.54	
	02MOD-0040 For Up To 20, Add	6.35	
	02MOD-0041 For > 20 To 50, Add	4.76	
	02MOD-0042 For > 50 To 250, Add	2.54	
	02MOD-0043 For > 250 To 500, Add	0.95	
02210-0004	CY Excavation For Building Foundations And Other Structures By Bobcat in Loose Rock		7.81
	02MOD-0040 For Up To 20, Add	7.81	
	02MOD-0041 For > 20 To 50, Add	5.86	
	02MOD-0042 For > 50 To 250, Add	3.12	
	02MOD-0043 For > 250 To 500, Add	1.17	
02210-0005	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader (02210-0001)		
02210-0006	CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil		4.93
	02MOD-0036 For Excavation In Light Material (Class A), Deduct	-0.62	
	02MOD-0037 For Excavation In Heavy/Wet Material (Class C), Add	1.97	
	02MOD-0040 For Up To 20, Add	4.93	
	02MOD-0041 For > 20 To 50, Add	3.70	
	02MOD-0042 For > 50 To 250, Add	1.97	
	02MOD-0043 For > 250 To 500, Add	0.74	
02210-0007	CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock		5.86
	02MOD-0040 For Up To 20, Add	5.86	
	02MOD-0041 For > 20 To 50, Add	4.40	
	02MOD-0042 For > 50 To 250, Add	2.34	
	02MOD-0043 For > 250 To 500, Add	0.88	
02210-0008	Excavation For Building Foundations And Other Structures By Hand (02210-0001)		
	Note: For areas not accessible by machine and only with owner's approval.		
02210-0009	CY Excavation For Building Foundations And Other Structures By Hand in Soil		96.53
	02MOD-0038 For Excavation In Light Material (Class A), Deduct	-12.07	
	02MOD-0039 For Excavation In Heavy/Wet Material (Class C), Add	38.61	
02210-0010	CY Excavation For Building Foundations And Other Structures By Hand in Loose Rock		165.58
02210-0011	Relocating On Site Excavated Material From Excavation (02210)		
	Note: For building foundations and other structures over 100'		
02210-0012	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 100' to 300'		3.72
	02MOD-0044 For Up To 20, Add	3.72	
	02MOD-0045 For > 20 To 50, Add	2.79	
	02MOD-0046 For > 50 To 250, Add	1.49	
	02MOD-0047 For > 250 To 500, Add	0.56	
02210-0013	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 300' to 500'		5.59
	02MOD-0044 For Up To 20, Add	5.59	
	02MOD-0045 For > 20 To 50, Add	4.19	
	02MOD-0046 For > 50 To 250, Add	2.24	
	02MOD-0047 For > 250 To 500, Add	0.84	
02210-0014	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 500' to 1000'		8.38
	02MOD-0044 For Up To 20, Add	8.38	
	02MOD-0045 For > 20 To 50, Add	6.29	
	02MOD-0046 For > 50 To 250, Add	3.35	
	02MOD-0047 For > 250 To 500, Add	1.26	
02210-0015	CY Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures Over 1000'		11.17
	02MOD-0044 For Up To 20, Add	11.17	
	02MOD-0045 For > 20 To 50, Add	8.38	
	02MOD-0046 For > 50 To 250, Add	4.47	
	02MOD-0047 For > 250 To 500, Add	1.68	
02210-0016	Backfilling (02210)		
	Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
02210-0017	CY Backfilling Around Building Foundations And Other Structures By Bobcat		3.09
	02MOD-0044 For Up To 20, Add	3.09	
	02MOD-0045 For > 20 To 50, Add	2.32	
	02MOD-0046 For > 50 To 250, Add	1.24	
	02MOD-0047 For > 250 To 500, Add	0.46	

02000 Site Construction**02200 Earthwork****02210 Excavation For Building Foundations And Other Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02210-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	3.82	
		02MOD-0044 For Up To 20, Add	3.82	
		02MOD-0045 For > 20 To 50, Add	2.87	
		02MOD-0046 For > 50 To 250, Add	1.53	
		02MOD-0047 For > 250 To 500, Add	0.57	
02210-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand.....	45.97	
02210-0020		Compaction Of Fill Or Subbase (02210)		
		Note: For building foundations and other structures. See CSI section 02223-0000 for compaction water.		
02210-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera.....	8.87	
		02MOD-0048 For Up To 20, Add	8.87	
		02MOD-0049 For > 20 To 50, Add	6.65	
		02MOD-0050 For > 50 To 250, Add	3.55	
		02MOD-0051 For > 250 To 500, Add	1.33	
02210-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	30.25	
02210-0023		Grading (02210)		
		Note: For building foundations and other structures.		
02210-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	0.81	
02210-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	1.29	
02210-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand.....	8.94	
02210-0027		Loading Excess Material For Removal From Excavation (02210)		
		Note: For building foundations and other structures. Includes hand work by laborer for clean-up.		
02210-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	4.27	
		02MOD-0052 For Up To 20, Add	4.27	
		02MOD-0053 For > 20 To 50, Add	3.20	
		02MOD-0054 For > 50 To 250, Add	1.71	
		02MOD-0055 For > 250 To 500, Add	0.64	
02210-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	70.78	
02210-0030		Spread Material (02210)		
		Note: For building foundations and other structures.		
02210-0031	CY	Spread Excess Or Imported Material On Site By Machine	2.17	
		02MOD-0056 For Up To 20, Add	2.17	
		02MOD-0057 For > 20 To 50, Add	1.63	
		02MOD-0058 For > 50 To 250, Add	0.87	
		02MOD-0059 For > 250 To 500, Add	0.33	
02210-0032	CY	Spread Excess Or Imported Material On Site By Hand	39.06	
02212 Roadway, Parking Areas, Landscaping And Embankment				
		Excavation And Shaping Operations (02200)		
		Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 02210-0000 for excavation at buildings and other structures (such as drainage structures), 02213-0000 for imported material, 02612-0000 for asphalt paving, 02614-0000 for concrete paving.		
02212-0001		Cutting, Shaping And Rough Grading (02212)		
		Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
02212-0002		Cutting, Shaping, And Rough Grading By Machine (02212-0001)		
02212-0003	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil.....	4.66	
		02MOD-0064 For Up To 20, Add	4.66	
		02MOD-0065 For > 20 To 50, Add	3.50	
		02MOD-0066 For > 50 To 250, Add	1.86	
		02MOD-0067 For > 250 To 500, Add	0.70	
		02MOD-0068 For > 1000, Deduct	-0.70	
02212-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock.....	5.77	
		02MOD-0064 For Up To 20, Add	5.77	
		02MOD-0065 For > 20 To 50, Add	4.33	
		02MOD-0066 For > 50 To 250, Add	2.31	
		02MOD-0067 For > 250 To 500, Add	0.87	
		02MOD-0068 For > 1000, Deduct	-0.87	
02212-0005		Cutting, Shaping, And Rough Grading By Hand (02212-0001)		
02212-0006	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope.....	4.95	
02212-0007	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	6.43	
02212-0008		Scarify Soil (02212)		
		Note: For roadways, parking areas, landscaping and embankments by machine.		



Site Construction 02000	0200
Earthwork	02200
Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations	02212

02

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02212-0009	CSF Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	4.31	
	02MOD-0060 For Up To 20, Add	2.16	
	02MOD-0061 For > 20 To 50, Add	1.08	
	02MOD-0062 For > 250 To 500, Deduct	-0.43	
	02MOD-0063 For > 500, Deduct	-0.86	
02212-0010	Relocating On Site Excavated Material (02212)		
	Note: For roadways, parking areas, landscaping and embankments over 300'.		
02212-0011	CY Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping and Embankments Over 500' to 1000'.....	8.38	
	02MOD-0069 For Up To 20, Add	8.38	
	02MOD-0070 For > 20 To 50, Add	6.29	
	02MOD-0071 For > 50 To 250, Add	3.35	
	02MOD-0072 For > 250 To 500, Add	1.26	
	02MOD-0073 For > 1000, Deduct	-1.26	
02212-0012	CY Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping and Embankments Over 1000'.....	11.17	
	02MOD-0069 For Up To 20, Add	11.17	
	02MOD-0070 For > 20 To 50, Add	8.38	
	02MOD-0071 For > 50 To 250, Add	4.47	
	02MOD-0072 For > 250 To 500, Add	1.68	
	02MOD-0073 For > 1000, Deduct	-1.68	
02212-0013	Spread And Shape Imported Or Stockpiled Material (02212)		
	Note: For roadways, parking areas, landscaping and embankments.		
02212-0014	CY Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments.....	5.12	
	02MOD-0069 For Up To 20, Add	5.12	
	02MOD-0070 For > 20 To 50, Add	3.84	
	02MOD-0071 For > 50 To 250, Add	2.05	
	02MOD-0072 For > 250 To 500, Add	0.77	
	02MOD-0073 For > 1000, Deduct	-0.77	
02212-0015	Grading (02212)		
	Note: For roadways, parking areas, landscaping and embankments by machine.		
02212-0016	SY Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine.....	0.55	
02212-0017	SY Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine.....	0.72	
02212-0018	LF Finish Grade For Curb.....	0.81	
02212-0019	LF Finish Grade For Curb And Gutter.....	1.00	
02212-0020	Compaction Of Fill Or Subbase (02212)		
	Note: For roadways, parking areas, landscaping and embankments by machine, per lift. See CSI section 02223-0000 for compaction water.		
02212-0021	SY Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift.....	0.48	
	02MOD-0645 For Up To 250, Add	0.48	
	02MOD-0646 For > 250 To 500, Add	0.36	
	02MOD-0647 For > 500 To 1000, Add	0.19	
	02MOD-0648 For > 5000, Deduct	-0.07	
02212-0022	Loading Excess Material For Removal From Excavation (02212)		
	Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.		
02212-0023	CY Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	4.09	
	02MOD-0074 For Up To 20, Add	4.09	
	02MOD-0075 For > 20 To 50, Add	3.07	
	02MOD-0076 For > 50 To 250, Add	1.64	
	02MOD-0077 For > 250 To 500, Add	0.61	
	02MOD-0078 For > 1000, Deduct	-0.61	
02213	Imported Materials (02200)		
02213-0001	Fill Material (Loose, Purchased Material) (02213)		
	Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02213-0002	CY Sand, Bank Run.....	30.43	
02213-0003	CY Sand, Washed	39.18	
02213-0004	CY Native Soil/Dirt - Common	21.12	
02213-0005	CY Lime Rock Screening.....	22.80	
02213-0006	CY Crushed Lime Rock Maximum 3-1/2"	21.43	
02213-0007	CY Asphalt Sand	28.44	
02213-0008	CY Lawn Sand.....	23.62	
02213-0009	CY Sand/Clay	29.60	
02213-0010	CY Recycled Concrete Aggregate	38.48	
02213-0011	CY Sand Fill, Washed Aggregate	39.18	
02213-0012	CY Pond Sand.....	19.46	
02213-0013	CY Pitrun Clay	24.65	
02213-0014	CY Light Clay / Loam	33.90	

02000 Site Construction**02200 Earthwork****02213 Imported Materials**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02213-0015	CY	Heavy Clay	29.31	
02213-0016		Aggregate (Loose, Purchased Material) <small>(02213)</small>		
		Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02213-0017	CY	#3 Stone Aggregate Fill (1" To 2" Clean)	28.28	
		02MOD-0079 For Up To 10, Add	7.90	
		02MOD-0080 For > 10 To 25, Add	2.83	
02213-0018	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	28.73	
		02MOD-0079 For Up To 10, Add	8.04	
		02MOD-0080 For > 10 To 25, Add	2.87	
02213-0019	CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	30.90	
		02MOD-0079 For Up To 10, Add	8.69	
		02MOD-0080 For > 10 To 25, Add	3.09	
02213-0020	CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	31.33	
		02MOD-0079 For Up To 10, Add	8.82	
		02MOD-0080 For > 10 To 25, Add	3.13	
02213-0021	CY	#56 Stone Aggregate Fill (3/8" To 1")	32.22	
		02MOD-0079 For Up To 10, Add	9.09	
		02MOD-0080 For > 10 To 25, Add	3.22	
02213-0022	CY	#57 Stone Aggregate Fill (#4 To 1")	32.75	
		02MOD-0079 For Up To 10, Add	9.24	
		02MOD-0080 For > 10 To 25, Add	3.28	
02213-0023	CY	#67 Or #68 Stone Aggregate Fill (#4 To 3/4")	33.24	
		02MOD-0079 For Up To 10, Add	9.39	
		02MOD-0080 For > 10 To 25, Add	3.32	
02213-0024	CY	#7 Stone Aggregate Fill (1/2" To #4)	33.33	
		02MOD-0079 For Up To 10, Add	9.42	
		02MOD-0080 For > 10 To 25, Add	3.33	
02213-0025	CY	#78 Stone Aggregate Fill (#8 To 1/2")	34.22	
		02MOD-0079 For Up To 10, Add	9.69	
		02MOD-0080 For > 10 To 25, Add	3.42	
02213-0026	CY	#8 Stone Aggregate Fill (3/8" x 1/8")	35.11	
		02MOD-0079 For Up To 10, Add	9.95	
		02MOD-0080 For > 10 To 25, Add	3.51	
02213-0027	CY	#89 Stone Aggregate Fill (#16 To 3/8")	35.24	
		02MOD-0079 For Up To 10, Add	9.99	
		02MOD-0080 For > 10 To 25, Add	3.52	
02213-0028	CY	#9 Stone Aggregate Fill (1/4" Clean)	35.39	
		02MOD-0079 For Up To 10, Add	10.04	
		02MOD-0080 For > 10 To 25, Add	3.54	
02213-0029	CY	#10 Stone Aggregate Fill (#8 To 3/4)	36.74	
		02MOD-0079 For Up To 10, Add	10.44	
		02MOD-0080 For > 10 To 25, Add	3.67	
02213-0030	CY	#610 Modified Stone Aggregate Fill (#16 To 3/4")	34.03	
		02MOD-0079 For Up To 10, Add	9.63	
		02MOD-0080 For > 10 To 25, Add	3.40	
02213-0031	CY	Screenings Stone Aggregate Fill	27.47	
		02MOD-0079 For Up To 10, Add	7.66	
		02MOD-0080 For > 10 To 25, Add	2.75	
02213-0032	CY	Stone Aggregate Fill, Random Size, Over 6" To 12"	38.94	
		02MOD-0079 For Up To 10, Add	11.10	
		02MOD-0080 For > 10 To 25, Add	3.89	
02213-0033	CY	Graded Stone Aggregate Fill, Over 6" To 12"	43.04	
		02MOD-0079 For Up To 10, Add	12.33	
		02MOD-0080 For > 10 To 25, Add	4.30	
02213-0034	CY	Surge Stone Aggregate Fill (3" To 7" Random)	33.18	
		02MOD-0079 For Up To 10, Add	9.37	
		02MOD-0080 For > 10 To 25, Add	3.32	
02213-0035	CY	Surge Stone Graded Aggregate Fill (3" To 7")	38.33	
		02MOD-0079 For Up To 10, Add	10.92	
		02MOD-0080 For > 10 To 25, Add	3.83	
02213-0036	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	31.74	
		02MOD-0079 For Up To 10, Add	8.94	
		02MOD-0080 For > 10 To 25, Add	3.17	
02213-0037	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	30.86	
		02MOD-0079 For Up To 10, Add	8.68	
		02MOD-0080 For > 10 To 25, Add	3.09	
02213-0038	CY	Crusher Run Aggregate Fill (3/4" Minus)	27.84	
		02MOD-0079 For Up To 10, Add	7.77	
		02MOD-0080 For > 10 To 25, Add	2.78	
02213-0039	CY	Miscellaneous Crushed Base, Processed Concrete, Paving	33.57	
		02MOD-0079 For Up To 10, Add	9.49	
		02MOD-0080 For > 10 To 25, Add	3.36	

02215 Excavation Operations For Trenching (02200)

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine. See CSI section 02213-0000 for imported material.

02215-0001 Excavation For Trenching By Machine (02215)

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02215-0002 CY 12" Wide or Less, Excavation for Trenching by Machine in Soil	7.73	
02MOD-0081 For Excavation In Light Material (Class A), Deduct	-0.97	
02MOD-0082 For Excavation In Heavy/Wet Material (Class C), Add	3.09	
02MOD-0083 For Up To 20, Add	6.18	
02MOD-0084 For > 20 To 50, Add	3.87	
02MOD-0085 For > 50 To 250, Add	1.93	
02MOD-0086 For > 500 To 1000, Deduct	-1.16	
02MOD-0087 For > 1000, Deduct	-2.32	
02215-0003 CY Over 12" Wide, Excavation for Trenching by Machine in Soil	5.09	
02MOD-0081 For Excavation In Light Material (Class A), Deduct	-0.64	
02MOD-0082 For Excavation In Heavy/Wet Material (Class C), Add	2.04	
02MOD-0083 For Up To 20, Add	4.07	
02MOD-0084 For > 20 To 50, Add	2.55	
02MOD-0085 For > 50 To 250, Add	1.27	
02MOD-0086 For > 500 To 1000, Deduct	-0.76	
02MOD-0087 For > 1000, Deduct	-1.53	
02215-0004 CY 12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	12.80	
02MOD-0083 For Up To 20, Add	10.24	
02MOD-0084 For > 20 To 50, Add	6.40	
02MOD-0085 For > 50 To 250, Add	3.20	
02MOD-0086 For > 500 To 1000, Deduct	-1.92	
02MOD-0087 For > 1000, Deduct	-3.84	
02215-0005 CY Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	9.04	
02MOD-0083 For Up To 20, Add	7.23	
02MOD-0084 For > 20 To 50, Add	4.52	
02MOD-0085 For > 50 To 250, Add	2.26	
02MOD-0086 For > 500 To 1000, Deduct	-1.36	
02MOD-0087 For > 1000, Deduct	-2.71	
02215-0006 Excavation For Trenching By Hand (02215)		
02215-0007 CY Excavation For Trenching By Hand In Soil	96.53	
Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
02215-0008 CY Excavation For Trenching By Hand In Loose Rock	165.58	
Note: Includes stockpiling excess materials and trimming sides and bottom of trench.		
02215-0009 Backfilling Or Placing Subbase For Trenches (02215)		
Note: With imported or stockpiled materials		
02215-0010 CY Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	2.71	
02MOD-0088 For Up To 20, Add	2.17	
02MOD-0089 For > 20 To 50, Add	1.36	
02MOD-0090 For > 50 To 250, Add	0.68	
02MOD-0091 For > 500 To 1000, Deduct	-0.41	
02MOD-0092 For > 1000, Deduct	-0.81	
02215-0011 CY Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	26.82	
02215-0012 Compaction Of Fill Or Subbase For Trenches (02215)		
Note: Includes restoration of final grade See CSI section 02223-0000 for compaction water.		
02215-0013 CY Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	5.60	
02MOD-0093 For Up To 20, Add	4.48	
02MOD-0094 For > 20 To 50, Add	2.80	
02MOD-0095 For > 50 To 250, Add	1.40	
02MOD-0096 For > 500 To 1000, Deduct	-0.84	
02MOD-0097 For > 1000, Deduct	-1.68	
02215-0014 CY Compaction of Fill or Subbase for Trenches by Hand	30.25	
02215-0015 Flowable Cement Backfill For Trenches (02215)		
Note: Includes compaction and restoration of final grade		
02215-0016 CY Flowable Cement Backfill for Trenches	86.67	
02MOD-0103 For Up To 20, Add	36.53	
02MOD-0104 For > 20 To 50, Add	23.65	
02MOD-0105 For > 50 To 250, Add	11.82	
02MOD-0106 For > 500 To 1000, Deduct	-6.44	
02MOD-0107 For > 1000, Deduct	-12.88	
02215-0017 Loading Excess Material For Removal From Excavation For Trenches (02215)		
Note: Includes hand work by laborer for clean-up.		
02215-0018 CY Load Excess Material by Machine for Removal from Excavation for Trenching	4.72	
02MOD-0098 For Up To 20, Add	3.78	
02MOD-0099 For > 20 To 50, Add	2.36	
02MOD-0100 For > 50 To 250, Add	1.18	
02MOD-0101 For > 500 To 1000, Deduct	-0.71	
02MOD-0102 For > 1000, Deduct	-1.42	
02215-0019 CY Load Excess Material by Hand for Removal from Excavation for Trenching	70.78	
02215-0020 Spread Excess Or Imported Material For Trenches (02215)		
Note: Includes hand work by laborer for clean-up.		
02215-0021 CY Spread Excess Or Imported Material On Site With Machine	2.17	

02000 Site Construction**02200 Earthwork****02215 Excavation Operations For Trenching**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02215-0022	Direct Burial (Plowed-in) Cable Or Piping By Machine <small>(02215)</small>	
	Note: Includes trench, backfill, compaction and restoration of final grade	
02215-0023	LF Direct Burial of Cable or Piping up to 12" Deep	3.33
02215-0024	LF Direct Burial of Cable or Piping >12" to 24" Deep	3.65
02215-0025	LF Direct Burial of Cable or Piping >24" to 36" Deep	5.21
02215-0026	LF Direct Burial of Cable or Piping >36" to 48" Deep	5.88
02215-0027	Utility Chain Trencher <small>(02215)</small>	
02215-0028	Utility Trench, Chain Trencher <small>(02215-0027)</small>	
	Note: Earth left adjacent to trench.	
02215-0029	LF 4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	0.90
02215-0030	LF 4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	0.99
02215-0031	LF 4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.02
02215-0032	LF 6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.08
02215-0033	LF 6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.19
02215-0034	LF 6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.35
02215-0035	LF 6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	1.62
02215-0036	LF 8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.53
02215-0037	LF 8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.80
02215-0038	LF 8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.04
02215-0039	LF 8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.43
02215-0040	Backfill Trenches With Compaction <small>(02215-0027)</small>	
02215-0041	LF Backfill 4" Wide, 12" Deep Trench, With Compaction	0.14
02215-0042	LF Backfill 4" Wide, 18" Deep Trench, With Compaction	0.21
02215-0043	LF Backfill 4" Wide, 24" Deep Trench, With Compaction	0.30
02215-0044	LF Backfill 6" Wide, 12" Deep Trench, With Compaction	0.21
02215-0045	LF Backfill 6" Wide, 18" Deep Trench, With Compaction	0.30
02215-0046	LF Backfill 6" Wide, 24" Deep Trench, With Compaction	0.44
02215-0047	LF Backfill 6" Wide, 36" Deep Trench, With Compaction	0.63
02215-0048	LF Backfill 8" Wide, 12" Deep Trench, With Compaction	0.30
02215-0049	LF Backfill 8" Wide, 18" Deep Trench, With Compaction	0.44
02215-0050	LF Backfill 8" Wide, 24" Deep Trench, With Compaction	0.58
02215-0051	LF Backfill 8" Wide, 36" Deep Trench, With Compaction	0.88
02218	Mass Excavation <small>(02200)</small>	
02218-0001	Mass Excavation By Dozer <small>(02218)</small>	
	Note: In CY/Hour and using 50 Min/Hour, +5% grade, average operator and material conversion factors. Pushed to stockpile area.	
02218-0002	Dozing Distance Averages 150 Feet Push <small>(02218-0001)</small>	
02218-0003	Dozer With Blade, 65 HP, (D-3B) <small>(02218-0002)</small>	
02218-0004	BCY Mass Excavation, D-3B Dozer, Light Material 65 HP With Blade, 150' Push, 30 CY/Hour	5.06
02218-0005	BCY Mass Excavation, D-3B Dozer, Medium Material 65 HP With Blade, 150' Push, 25 CY/Hour	6.07
02218-0006	BCY Mass Excavation, D-3B Dozer, Wet/Loose Rock 65 HP With Blade, 150' Push 20 CY/Hour	7.60
02218-0007	Dozer With Blade, 90 HP, (D-4H) <small>(02218-0002)</small>	
02218-0008	BCY Mass Excavation, D-4H Dozer, Light Material 90 HP With Blade, 150' Push, 60 CY/Hour	2.47
02218-0009	BCY Mass Excavation, D-4H Dozer, Medium Material 90 HP With Blade, 150' Push, 45 CY/Hour	3.30
02218-0010	BCY Mass Excavation, D-4H Dozer, Wet/Loose Rock 90 HP With Blade, 150' Push, 35 CY/Hour	4.25
02218-0011	Dozer With Blade, 120 HP, (D-5H) <small>(02218-0002)</small>	
02218-0012	BCY Mass Excavation, D-5H Dozer, Light Material 120 HP With Blade, 150' Push, 85 CY/Hour	1.84
02218-0013	BCY Mass Excavation, D-5H Dozer, Medium Material 120 HP With Blade, 150' Push, 70 CY/Hour	2.23
02218-0014	BCY Mass Excavation, D-5H Dozer, Wet/Loose Rock 120 HP With Blade, 150' Push, 50 CY/Hour	3.12
02218-0015	Dozer With Blade, 140 HP, (D-6D) <small>(02218-0002)</small>	
02218-0016	BCY Mass Excavation, D-6D Dozer, Light Material 140 HP With Blade, 150' Push, 115 CY/Hour	1.61
02218-0017	BCY Mass Excavation, D-6D Dozer, Medium Material 140 HP With Blade, 150' Push, 90 CY/Hour	2.07
02218-0018	BCY Mass Excavation, D-6D Dozer, Wet/Loose Rock 140 HP With Blade, 150' Push, 70 CY/Hour	2.65
02218-0019	Dozer With U-Blade, 200 HP, (D-7G) <small>(02218-0002)</small>	
02218-0020	BCY Mass Excavation, D-7G Dozer, Light Material 200 HP With U-Blade, 150' Push, 185 CY/Hour	1.09
02218-0021	BCY Mass Excavation, D-7G Dozer, Medium Material 200 HP With U-Blade 150' Push, 150 CY/Hour	1.33
02218-0022	BCY Mass Excavation, D-7G Dozer, Wet/Loose Rock 200 HP With U-Blade, 150' Push, 115 CY/Hour	1.74
02218-0023	BCY Mass Excavation, D-7G Dozer, Blasted Rock 200 HP With U-Blade, 150' Push, 90 CY/Hour	2.23
02218-0024	Dozer With U-Blade, 335 HP, (D-8L) <small>(02218-0002)</small>	
02218-0025	BCY Mass Excavation, D-8L Dozer, Light Material 335 HP With U-Blade, 150' Push, 290 CY/Hour	0.88



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02218-0026 BCY Mass Excavation, D-8L Dozer, Medium Material 335 HP With U-Blade 150' Push, 235 CY/Hour.....	1.09	
02218-0027 BCY Mass Excavation, D-8L Dozer, Wet/Loose Rock 335 HP With U-Blade, 150' Push, 180 CY/Hour.....	1.42	
02218-0028 BCY Mass Excavation, D-8L Dozer, Blasted Rock 335 HP With U-Blade, 150' Push, 145 CY/Hour.....	1.76	
02218-0029 Dozer With U-Blade, 460 HP, (D-9L) (02218-0002)		
02218-0030 BCY Mass Excavation, D-9L Dozer, Light Material 460 HP With U-Blade, 150' Push, 375 CY/Hour.....	0.66	
02218-0031 BCY Mass Excavation, D-9L Dozer, Medium Material 460 HP With U-Blade 150' Push, 300 CY/Hour.....	0.83	
02218-0032 BCY Mass Excavation, D-9L Dozer, Wet/Loose Rock 460 HP With U-Blade, 150' Push, 230 CY/Hour.....	1.08	
02218-0033 BCY Mass Excavation, D-9L Dozer, Blasted Rock 460 HP With U-Blade, 150' Push, 185 CY/Hour.....	1.34	
02218-0034 Dozer With U-Blade, 700 HP, (D-10) (02218-0002)		
02218-0035 BCY Mass Excavation, D-10 Dozer, Light Material 700 HP With U-Blade, 150' Push, 495 CY/Hour.....	0.55	
02218-0036 BCY Mass Excavation, D-10 Dozer, Medium Material 700 HP With U-Blade 150' Push, 400 CY/Hour.....	0.69	
02218-0037 BCY Mass Excavation, D-10 Dozer, Wet/Loose Rock 700 HP With U-Blade, 150' Push, 305 CY/Hour.....	0.90	
02218-0038 BCY Mass Excavation, D-10 Dozer, Blasted Rock 700 HP With U-Blade, 150' Push, 245 CY/Hour.....	1.11	
02218-0039 Dozing Distance Averages 300 Feet Push (02218-0001)		
02218-0040 Dozer With Blade, 65 HP, (D-3B) (02218-0039)		
02218-0041 BCY Mass Excavation, D-3B Dozer, Light Material 65 HP With Blade, 12.5 CY/Hour, 300' Push.....	12.16	
02218-0042 BCY Mass Excavation, D-3B Dozer, Medium Material 65 HP With Blade, 10 CY/Hour, 300' Push.....	15.19	
02218-0043 Dozer With Blade, 90 HP, (D-4H) (02218-0039)		
02218-0044 BCY Mass Excavation, D-4H Dozer, Light Material 90 HP With Blade, 20 CY/Hour, 300' Push.....	7.43	
02218-0045 BCY Mass Excavation, D-4H Dozer, Medium Material 90 HP With Blade, 17.5 CY/Hour, 300' Push.....	8.48	
02218-0046 BCY Mass Excavation, D-4H Dozer, Loose Rock 90 HP With Blade, 15 CY/Hour, 300' Push.....	9.90	
02218-0047 Dozer With Blade, 120 HP, (D-5H) (02218-0039)		
02218-0048 BCY Mass Excavation, D-5H Dozer, Light Material 120 HP With Blade, 35 CY/Hour, 300' Push.....	4.46	
02218-0049 BCY Mass Excavation, D-5H Dozer, Medium Material 120 HP With Blade, 30 CY/Hour, 300' Push.....	5.19	
02218-0050 BCY Mass Excavation, D-5H Dozer, Loose Rock 120 HP With Blade, 25 CY/Hour, 300' Push.....	6.23	
02218-0051 Dozer With Blade, 140 HP, (D-6D) (02218-0039)		
02218-0052 BCY Mass Excavation, D-6D Dozer, Light Material 140 HP With Blade, 55 CY/Hour, 300' Push.....	3.38	
02218-0053 BCY Mass Excavation, D-6D Dozer, Medium Material 140 HP With Blade, 45 CY/Hour, 300' Push.....	4.13	
02218-0054 BCY Mass Excavation, D-6D Dozer, Loose Rock 140 HP With Blade, 35 CY/Hour, 300' Push.....	5.31	
02218-0055 Dozer With U-Blade, 200 HP, (D-7G) (02218-0039)		
02218-0056 BCY Mass Excavation, D-7G Dozer, Light Material 200 HP With U-Blade, 85 CY/Hour, 300' Push.....	2.36	
02218-0057 BCY Mass Excavation, D-7G Dozer, Medium Material 200 HP With U-Blade 65 CY/Hour, 300' Push.....	3.07	
02218-0058 BCY Mass Excavation, D-7G Dozer, Loose Rock 200 HP With U-Blade, 50 CY/Hour, 300' Push.....	4.00	
02218-0059 BCY Mass Excavation, D-7G Dozer, Blasted Rock 200 HP With U-Blade, 40 CY/Hour, 300' Push.....	5.00	
02218-0060 Dozer With U-Blade, 335 HP, (D-8L) (02218-0039)		
02218-0061 BCY Mass Excavation, D-8L Dozer, Light Material 335 HP With U-Blade, 145 CY/Hour, 300' Push.....	1.76	
02218-0062 BCY Mass Excavation, D-8L Dozer, Medium Material 335 HP With U-Blade 115 CY/Hour, 300' Push.....	2.21	
02218-0063 BCY Mass Excavation, D-8L Dozer, Loose Rock 335 HP With U-Blade, 90 CY/Hour, 300' Push.....	2.83	
02218-0064 BCY Mass Excavation, D-8L Dozer, Blasted Rock 335 HP With U-Blade, 70 CY/Hour, 300' Push.....	3.64	
02218-0065 Dozer With U-Blade, 460 HP, (D-9L) (02218-0039)		
02218-0066 BCY Mass Excavation, D-9L Dozer, Light Material 460 HP With U-Blade, 195 CY/Hour, 300' Push.....	1.27	
02218-0067 BCY Mass Excavation, D-9L Dozer, Medium Material 460 HP With U-Blade 160 CY/Hour, 300' Push.....	1.55	
02218-0068 BCY Mass Excavation, D-9L Dozer, Loose Rock 460 HP With U-Blade, 120 CY/Hour, 300' Push.....	2.07	
02218-0069 BCY Mass Excavation, D-9L Dozer, Blasted Rock 460 HP With U-Blade, 95 CY/Hour, 300' Push.....	2.61	
02218-0070 Dozer With U-Blade, 700 HP, (D-10) (02218-0039)		
02218-0071 BCY Mass Excavation, D-10 Dozer, Light Material 700 HP With U-Blade, 275 CY/Hour, 300' Push.....	1.00	
02218-0072 BCY Mass Excavation, D-10 Dozer, Medium Material 700 HP With U-Blade 220 CY/Hour, 300' Push.....	1.24	
02218-0073 BCY Mass Excavation, D-10 Dozer, Loose Rock 700 HP With U-Blade, 170 CY/Hour, 300' Push.....	1.61	
02218-0074 BCY Mass Excavation, D-10 Dozer, Blasted Rock 700 HP With U-Blade, 135 CY/Hour, 300' Push.....	2.03	
02218-0075 Dozing Distance Averages 450 Feet Push (02218-0001)		
02218-0076 Dozer With U-Blade, 215 HP, (D-7G) (02218-0075)		
02218-0077 BCY Mass Excavation, D-7G Dozer, Light Material 215 HP With U-Blade, 75 CY/Hour, 450' Push.....	2.67	
02218-0078 BCY Mass Excavation, D-7G Dozer, Medium Material 215 HP With U-Blade 60 CY/Hour, 450' Push.....	3.33	
02218-0079 BCY Mass Excavation, D-7G Dozer, Loose Rock 215 HP With U-Blade, 45 CY/Hour, 450' Push.....	4.45	
02218-0080 BCY Mass Excavation, D-7G Dozer, Blasted Rock 215 HP With U-Blade, 35 CY/Hour, 450' Push.....	5.72	

02000 Site Construction**02200 Earthwork****02218 Mass Excavation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02218-0081 Dozer With U-Blade, 335 HP, (D-8L) (02218-0075)		
02218-0082 BCY Mass Excavation, D-8L Dozer, Light Material 335 HP With U-Blade, 105 CY/Hour, 450' Push.....	2.43	
02218-0083 BCY Mass Excavation, D-8L Dozer, Medium Material 335 HP With U-Blade 85 CY/Hour, 450' Push.....	2.99	
02218-0084 BCY Mass Excavation, D-8L Dozer, Loose Rock 335 HP With U-Blade, 65 CY/Hour, 450' Push.....	3.92	
02218-0085 BCY Mass Excavation, D-8L Dozer, Blasted Rock 335 HP With U-Blade, 50 CY/Hour, 450' Push.....	5.09	
02218-0086 Dozer With U-Blade, 460 HP, (D-9L) (02218-0075)		
02218-0087 BCY Mass Excavation, D-9L Dozer, Light Material 460 HP With U-Blade, 145 CY/Hour, 450' Push.....	1.71	
02218-0088 BCY Mass Excavation, D-9L Dozer, Medium Material 460 HP With U-Blade 115 CY/Hour, 450' Push.....	2.16	
02218-0089 BCY Mass Excavation, D-9L Dozer, Loose Rock 460 HP With U-Blade, 90 CY/Hour, 450' Push.....	2.76	
02218-0090 BCY Mass Excavation, D-9L Dozer, Blasted Rock 460 HP With U-Blade, 70 CY/Hour, 450' Push.....	3.55	
02218-0091 Dozer With U-Blade, 700 HP, (D-10) (02218-0075)		
02218-0092 BCY Mass Excavation, D-10 Dozer, Light Material 700 HP With U-Blade, 185 CY/Hour, 450' Push.....	1.48	
02218-0093 BCY Mass Excavation, D-10 Dozer, Medium Material 700 HP With U-Blade 150 CY/Hour, 450' Push.....	1.82	
02218-0094 BCY Mass Excavation, D-10 Dozer, Loose Rock 700 HP With U-Blade, 115 CY/Hour, 450' Push.....	2.38	
02218-0095 BCY Mass Excavation, D-10 Dozer, Blasted Rock 700 HP With U-Blade, 90 CY/Hour, 450' Push.....	3.04	
02218-0096 Excavation By Push Loaded Scraper (02218)		
Note: Choose scraper capacity and cycle time.		
02218-0097 Self Propelled Scraper Capacity 9 BCY (02218-0096)		
02218-0098 BCY Excavation With Push Loaded Self Propelled Scraper 9 BCY, 9 Cycles Per Hour.....	3.06	
02218-0099 Self Propelled Scraper Capacity 16 BCY (02218-0096)		
02218-0100 BCY Excavation With Push Loaded Self Propelled Scraper 16 BCY, 9 Cycles Per Hour.....	2.16	
02218-0101 BCY Excavation With Push Loaded Self Propelled Scraper 16 BCY, 6 Cycles Per Hour.....	3.25	
02218-0102 BCY Excavation With Push Loaded Self Propelled Scraper 16 BCY, 4.5 Cycles Per Hour.....	4.87	
02218-0103 BCY Roadway Excavation Scraper - Soil.....	2.14	
02218-0104 BCY Roadway Excavation Scraper - Sand.....	8.93	
02218-0105 BCY Roadway Excavation Scraper - Rock Borrow.....	12.21	
02218-0106 BCY Roadway Excavation Scraper - Rock No Borrow.....	8.36	
02218-0107 Self Propelled Scraper Capacity 25 BCY (02218-0096)		
02218-0108 BCY Excavation With Push Loaded Self Propelled Scraper 25 BCY, 9 Cycles Per Hour.....	1.41	
02218-0109 BCY Excavation With Push Loaded Self Propelled Scraper 25 BCY, 6 Cycles Per Hour.....	2.13	
02218-0110 BCY Excavation With Push Loaded Self Propelled Scraper 25 BCY, 4.5 Cycles Per Hour.....	2.51	
02218-0111 Self Propelled Scraper Capacity 35 BCY (02218-0096)		
02218-0112 BCY Excavation With Push Loaded Self Propelled Scraper 35 BCY, 9 Cycles Per Hour.....	1.07	
02218-0113 BCY Excavation With Push Loaded Self Propelled Scraper 35 BCY, 6 Cycles Per Hour.....	1.62	
02218-0114 BCY Excavation With Push Loaded Self Propelled Scraper 35 BCY, 4.5 Cycles Per Hour.....	2.18	
02218-0115 Self Propelled Scraper Capacity 43 BCY (02218-0096)		
02218-0116 BCY Excavation With Push Loaded Self Propelled Scraper 43 BCY, 9 Cycles Per Hour.....	0.87	
02218-0117 BCY Excavation With Push Loaded Self Propelled Scraper 43 BCY, 6 Cycles Per Hour.....	1.30	
02218-0118 BCY Excavation With Push Loaded Self Propelled Scraper 43 BCY, 4.5 Cycles Per Hour.....	1.65	
02223 Compaction Water (02200)		
02223-0001 Compaction Water, Water Truck And Operator (02223)		
02223-0002 MGL Compaction Water, Water Truck And Operator.....	142.94	
Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01590-0997 for water truck when water is available on site.		
02240 Soil Stabilization: Cementitious Soil Binder (02200)		
02240-0001 Soil Stabilizers (02240)		
02240-0002 CY Cementitious Soil Binder, 4% Cement Mix By Volume.....	25.91	
02240-0003 CY Cementitious Soil Binder, 6% Cement Mix By Volume.....	29.50	
02240-0004 CY Cementitious Soil Binder, 9% Cement Mix By Volume.....	35.41	
02240-0005 CY Cementitious Soil Binder, 12% Cement Mix By Volume.....	41.23	
02240-0006 GAL Polyacrylamide And Calcium Solution.....	1.72	
02241 Soil Stabilization: Lime (02200)		
Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, hauling up to 15 miles, and dumping.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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See CSI section 02119-0011 for hauling greater than 15 miles.

02241-0001	Lime Slurry <small>(02241)</small>	
02241-0002	LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume.....	22.56
02241-0003	TON Cement Stabilized Base Material.....	42.21
02241-0004	HWT Lime For Soil Stabilization	5.99
	Note: Excludes the cost for spreading or backfilling	
02241-0005	LCY Roller, Grader - Lime Stabilization	12.77
02241-0006	LCY Roller, Grader - Cement Stabilization	2.88

02241-0007	Lime Stabilized Subgrade <small>(02241)</small>	
	Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%)	
02241-0008	SY 6" Thick Lime Stabilized Subgrade, 25 LB.....	5.70
	<i>02MOD-0108 For 4% Lime Instead Of 5%, Deduct</i>	-0.11
	<i>02MOD-0109 For 6% Lime Instead Of 5%, Add</i>	0.11
02241-0009	SY 7" Thick Lime Stabilized Subgrade, 29 LB.....	6.61
	<i>02MOD-0108 For 4% Lime Instead Of 5%, Deduct</i>	-0.12
	<i>02MOD-0109 For 6% Lime Instead Of 5%, Add</i>	0.12
02241-0010	SY 8" Thick Lime Stabilized Subgrade, 33 LB.....	7.55
	<i>02MOD-0108 For 4% Lime Instead Of 5%, Deduct</i>	-0.14
	<i>02MOD-0109 For 6% Lime Instead Of 5%, Add</i>	0.14

02242 Soil Stabilization: Fabrics (02200)

02242-0001	Geotextile Fabrics <small>(02242)</small>	
02242-0002	Nonwoven Polypropylene Geotextiles <small>(02242-0001)</small>	
	Note: For drainage, filtration and separation.	
02242-0003	SY 2.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric.....	0.74
	<i>02MOD-0110 For Up To 50, Add</i>	0.18
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.13
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.08
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.04
02242-0004	SY 3.0 Oz/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	0.65
	<i>02MOD-0110 For Up To 50, Add</i>	0.16
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.12
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.08
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.04
02242-0005	SY 3.5 Oz/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	0.69
	<i>02MOD-0110 For Up To 50, Add</i>	0.17
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.12
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.08
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.04
02242-0006	SY 4.0 Oz/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	0.74
	<i>02MOD-0110 For Up To 50, Add</i>	0.18
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.13
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.08
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.04
02242-0007	SY 4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric.....	0.79
	<i>02MOD-0110 For Up To 50, Add</i>	0.19
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.14
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.09
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.04
02242-0008	SY 4.5 Oz/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	0.79
	<i>02MOD-0110 For Up To 50, Add</i>	0.19
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.14
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.09
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.04
02242-0009	SY 6.0 Oz/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	0.93
	<i>02MOD-0110 For Up To 50, Add</i>	0.22
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.16
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.10
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.05
02242-0010	SY 7.0 Oz/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	1.10
	<i>02MOD-0110 For Up To 50, Add</i>	0.26
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.19
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.12
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.06
02242-0011	SY 8.0 Oz/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	1.21
	<i>02MOD-0110 For Up To 50, Add</i>	0.28
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.21
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.13
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.07
02242-0012	SY 10 Oz/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	1.48
	<i>02MOD-0110 For Up To 50, Add</i>	0.34
	<i>02MOD-0111 For > 50 To 150, Add</i>	0.25
	<i>02MOD-0112 For > 150 To 250, Add</i>	0.16
	<i>02MOD-0113 For > 250 To 500, Add</i>	0.08

02242-0013 Woven Geotextiles Fabric (02242-0001)

02000 Site Construction**02200 Earthwork****02242 Soil Stabilization: Fabrics**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02242-0014	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric	0.91	
	02MOD-0110	For Up To 50, Add	0.21	
	02MOD-0111	For > 50 To 150, Add	0.16	
	02MOD-0112	For > 150 To 250, Add	0.10	
	02MOD-0113	For > 250 To 500, Add	0.05	
02242-0015	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric	1.27	
	02MOD-0110	For Up To 50, Add	0.28	
	02MOD-0111	For > 50 To 150, Add	0.21	
	02MOD-0112	For > 150 To 250, Add	0.14	
	02MOD-0113	For > 250 To 500, Add	0.07	
02242-0016	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric	2.21	
	02MOD-0110	For Up To 50, Add	0.48	
	02MOD-0111	For > 50 To 150, Add	0.36	
	02MOD-0112	For > 150 To 250, Add	0.23	
	02MOD-0113	For > 250 To 500, Add	0.12	
02242-0017	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric	2.16	
	02MOD-0110	For Up To 50, Add	0.47	
	02MOD-0111	For > 50 To 150, Add	0.35	
	02MOD-0112	For > 150 To 250, Add	0.23	
	02MOD-0113	For > 250 To 500, Add	0.11	
02242-0018	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric	1.89	
	02MOD-0110	For Up To 50, Add	0.42	
	02MOD-0111	For > 50 To 150, Add	0.31	
	02MOD-0112	For > 150 To 250, Add	0.20	
	02MOD-0113	For > 250 To 500, Add	0.10	
02242-0019	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric	2.02	
	02MOD-0110	For Up To 50, Add	0.44	
	02MOD-0111	For > 50 To 150, Add	0.33	
	02MOD-0112	For > 150 To 250, Add	0.22	
	02MOD-0113	For > 250 To 500, Add	0.11	
02242-0020	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric	2.57	
	02MOD-0110	For Up To 50, Add	0.55	
	02MOD-0111	For > 50 To 150, Add	0.41	
	02MOD-0112	For > 150 To 250, Add	0.27	
	02MOD-0113	For > 250 To 500, Add	0.14	
02242-0021	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric	3.64	
	02MOD-0110	For Up To 50, Add	0.77	
	02MOD-0111	For > 50 To 150, Add	0.57	
	02MOD-0112	For > 150 To 250, Add	0.38	
	02MOD-0113	For > 250 To 500, Add	0.19	
02242-0022		Geogrid Fabrics <small>(02242)</small>		
		Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.		
02242-0023	SY	5.3 Oz/SY, 1700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	2.06	
	02MOD-0110	For Up To 50, Add	0.49	
	02MOD-0111	For > 50 To 150, Add	0.36	
	02MOD-0112	For > 150 To 250, Add	0.23	
	02MOD-0113	For > 250 To 500, Add	0.12	
02242-0024	SY	6.9 Oz/SY, 3100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	2.33	
	02MOD-0110	For Up To 50, Add	0.55	
	02MOD-0111	For > 50 To 150, Add	0.41	
	02MOD-0112	For > 150 To 250, Add	0.26	
	02MOD-0113	For > 250 To 500, Add	0.13	
02242-0025	SY	8.7 Oz/SY, 4280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	2.53	
	02MOD-0110	For Up To 50, Add	0.59	
	02MOD-0111	For > 50 To 150, Add	0.44	
	02MOD-0112	For > 150 To 250, Add	0.28	
	02MOD-0113	For > 250 To 500, Add	0.14	
02242-0026	SY	12.6 Oz/SY, 7315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	3.60	
	02MOD-0110	For Up To 50, Add	0.81	
	02MOD-0111	For > 50 To 150, Add	0.60	
	02MOD-0112	For > 150 To 250, Add	0.39	
	02MOD-0113	For > 250 To 500, Add	0.20	
02242-0027	SY	14.1 Oz/SY, 9790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric	4.10	
	02MOD-0110	For Up To 50, Add	0.92	
	02MOD-0111	For > 50 To 150, Add	0.68	
	02MOD-0112	For > 150 To 250, Add	0.44	
	02MOD-0113	For > 250 To 500, Add	0.22	
02242-0028	SY	4.3 Oz/SY, 1658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric	2.09	
	02MOD-0110	For Up To 50, Add	0.50	
	02MOD-0111	For > 50 To 150, Add	0.37	
	02MOD-0112	For > 150 To 250, Add	0.24	
	02MOD-0113	For > 250 To 500, Add	0.12	
02242-0029	SY	5.9 Oz/SY, 2192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric	3.02	
	02MOD-0110	For Up To 50, Add	0.69	
	02MOD-0111	For > 50 To 150, Add	0.51	
	02MOD-0112	For > 150 To 250, Add	0.33	
	02MOD-0113	For > 250 To 500, Add	0.17	
02242-0030		Geonet Fabrics <small>(02242)</small>		
02242-0031	SF	.8" Thick Nylon Geomatrix/PVC Coated Polyester Fabric	2.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02242-0032 Geomembranes (02242)		
02242-0033 Polyvinyl Chloride (PVC) Geomembrane (02242-0032)		
02242-0034 SF 20 Mil PVC Geomembrane	0.75	
02242-0035 SF 30 Mil PVC Geomembrane	0.85	
02242-0036 SF 40 Mil PVC Geomembrane	1.01	
02242-0037 SF 50 Mil PVC Geomembrane	1.20	
02242-0038 SF 60 Mil PVC Geomembrane	1.38	
02242-0039 SF 70 Mil PVC Geomembrane	1.50	
02242-0040 SF 80 Mil PVC Geomembrane	1.62	
02242-0041 SF 90 Mil PVC Geomembrane	1.79	
02242-0042 SF 100 Mil PVC Geomembrane	1.94	
02242-0043 HDPE Geomembrane (02242-0032)		
02242-0044 SF 20 Mil High Density Polyethylene Membrane	0.54	
02242-0045 SF 30 Mil High Density Polyethylene Membrane	0.71	
02242-0046 SF 40 Mil High Density Polyethylene Membrane	0.83	
02242-0047 SF 50 Mil High Density Polyethylene Membrane	1.36	
02242-0048 SF 60 Mil High Density Polyethylene Membrane	1.06	
02242-0049 SF 80 Mil High Density Polyethylene Membrane	1.30	
02242-0050 SF 100 Mil High Density Polyethylene Membrane	1.54	
02242-0051 SF 120 Mil High Density Polyethylene Membrane	2.77	
02242-0052 SF 140 Mil High Density Polyethylene Membrane	2.87	
02242-0053 Geoweb Cellular Confinement System (02242)		
Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
02242-0054 SF 4" Geoweb Cellular Confinement System	4.00	
02MOD-0550 For > 20,000, Deduct	-0.07	
02MOD-0551 For > 2:1 Slope, Add	0.86	
02242-0055 SF 6" Geoweb Cellular Confinement System	4.63	
02MOD-0550 For > 20,000, Deduct	-0.10	
02MOD-0551 For > 2:1 Slope, Add	0.86	
02242-0056 SF 8" Geoweb Cellular Confinement System	5.37	
02MOD-0550 For > 20,000, Deduct	-0.14	
02MOD-0551 For > 2:1 Slope, Add	0.86	
02243 Soil Stabilization: Vibroflotation (02200)		
02243-0001 Vibroflotation (02243)		
02243-0002 LCY Soil Stabilization, Vibroflotation	10.44	
02244 Soil Treatments (02200)		
02244-0001 Soil Treatment (02244)		
02244-0002 CSF Soil Poisoning - Application Below Slabs Or Pavements	4.35	
02244-0003 MSF Herbicide - Weed Killer	8.71	
02244-0004 MSF Herbicide - Brush Killer	14.73	
02244-0005 MSF Herbicide - Pre-Emergent And Post-Emergent Select	6.57	
02260 Slope Protection (02000)		
Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 02119-0011 for hauling greater than 15 miles.		
02261 Rip Rap (02260)		
02261-0001 Random - Filter Stone (02261)		
02261-0002 CY Rip Rap, 10 LB To 50 LB Average Pieces Random, Dumped From Truck	42.80	
02MOD-0114 For Chinking Material, Add	12.91	
02261-0003 CY Rip Rap, 51 LB To 100 LB Average Pieces Random, Dumped From Truck	49.42	
02MOD-0114 For Chinking Material, Add	12.91	
02261-0004 CY Rip Rap, 101 LB To 200 LB Average Pieces Random, Dumped From Truck	52.54	
02MOD-0114 For Chinking Material, Add	12.91	
02261-0005 CY Rip Rap, 201 LB To 300 LB Average Pieces Random, Dumped From Truck	56.09	
02MOD-0114 For Chinking Material, Add	12.91	
02261-0006 CY Rip Rap, 301 LB To 600 LB Average Pieces Random, Dumped From Truck	58.95	
02MOD-0114 For Chinking Material, Add	12.91	
02261-0007 CY Rip Rap, > 600 LB Average Pieces Random, Dumped From Truck	63.63	
02261-0008 CY Rip Rap, 3/8 CY To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed)	77.08	
02261-0009 TON Rip Rap, 10 LB To 50 LB Average Pieces Random, Dumped From Truck	28.52	
02261-0010 TON Rip Rap, 51 LB To 100 LB Average Pieces Random, Dumped From Truck	32.72	
02261-0011 TON Rip Rap, 101 LB To 200 LB Average Pieces Random, Dumped From Truck	34.70	
02261-0012 TON Rip Rap, 201 LB To 300 LB Average Pieces Random, Dumped From Truck	36.95	
02261-0013 TON Rip Rap, 301 LB To 600 LB Average Pieces Random, Dumped From Truck	38.77	
02261-0014 TON Rip Rap, > 600 LB Average Pieces Random, Dumped From Truck	41.78	

02000 Site Construction**02260 Slope Protection****02261 Rip Rap**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02261-0015	TON	Rip Rap, 3/8 CY To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed).....	52.37	
02262 Gabions <small>(02260)</small>				
02262-0001 Stone Filled Gabions <small>(02262)</small>				
Note: Machine placed by SY of total top face area for depth indicated.				
02262-0002	SY	Slope Protection, Gabions, 6" Deep Stone Filled.....	52.36	
02262-0003	SY	Slope Protection, Gabions, 9" Deep Stone Filled.....	62.02	
02262-0004	SY	Slope Protection, Gabions, 12" Deep Stone Filled.....	75.32	
02262-0005	SY	Slope Protection, Gabions, 15" Deep Stone Filled.....	88.78	
02262-0006	SY	Slope Protection, Gabions, 18" Deep Stone Filled.....	104.18	
02262-0007	SY	Slope Protection, Gabions, 24" Deep Stone Filled.....	142.75	
02262-0008	SY	Slope Protection, Gabions, 36" Deep Stone Filled.....	180.61	
02264 Erosion Control <small>(02260)</small>				
Note: Includes all erosion control blankets and turf reinforcement mats staples or stakes.				
02264-0001 Erosion Control Blankets And Turf Reinforcement Mats <small>(02264)</small>				
02264-0002 Erosion Control Blankets, Short Term, Light Duty <small>(02264-0001)</small>				
02264-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	1.48	
02264-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	1.80	
02264-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	1.43	
02264-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	1.48	
02264-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting.....	1.36	
02264-0008 Erosion Control Blankets, Intermediate Duration <small>(02264-0001)</small>				
02264-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	1.89	
02264-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	2.39	
02264-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural..... Note: As manufactured by American Excelsior.	1.65	
02264-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	1.71	
02264-0013	SY	Enforcer Double Net Erosion Control Blanket..... Note: As manufactured by American Excelsior.	1.79	
02264-0014 Turf Reinforcement Mats <small>(02264-0001)</small>				
Note: TRM. Permanent, UV stabilized.				
02264-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat..... Note: 100% synthetic, UV stabilized, two layer netting.	7.73	
02264-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	7.19	
02264-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat..... Note: As manufactured by American Excelsior, 100% recycled	7.31	
02264-0018 Jute Mesh Erosion Control Blankets <small>(02264-0001)</small>				
02264-0019	SY	Jute Mesh, Open Uniform Weave.....	1.66	
02264-0020 Revegetation Mat <small>(02264-0001)</small>				
02264-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	5.43	
02264-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber..... Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	7.69	
02264-0023 Silt Fences And Dike Barriers <small>(02264)</small>				
Note: Includes stakes, embedding and removal after use.				
02264-0024 Silt Fences 2' High <small>(02264-0023)</small>				
02264-0025	LF	2' High Silt Fence with Stakes at 4' O.C.....	2.05	
02264-0026	LF	2' High Silt Fence with Stakes at 6' O.C.....	1.57	
02264-0027	LF	2' High Silt Fence with Stakes at 8' O.C.....	1.11	
02264-0028	LF	2' High Silt Fence with Stakes at 10' O.C.....	0.94	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02264-0029	Silt Fences 3' High (02264-0023)		
02264-0030	LF 3' High Silt Fence with Stakes at 4' O.C	2.12	
02264-0031	LF 3' High Silt Fence with Stakes at 6' O.C	1.61	
02264-0032	LF 3' High Silt Fence with Stakes at 8' O.C	1.16	
02264-0033	LF 3' High Silt Fence with Stakes at 10' O.C.....	0.97	
02264-0034	Silt Dike Barrier (02264-0023)		
02264-0035	LF Silt Dike Barrier With Stakes.....	2.19	
02264-0036	Sediment Logs (02264)		
02264-0037	Sediment Logs (02264-0036)		
	Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
02264-0038	LF 12" Sediment Log	7.58	
02264-0039	LF 20" Sediment Log	9.03	
02264-0040	Wattles (02264-0036)		
	Note: Includes trench for placement, 24" wood staking at 4' O.C.		
02264-0041	EA Wattles (Sterile Straw Filled Rolls), 9" x 25'	89.26	
02264-0042	EA Wattles (Sterile Straw Filled Rolls), 12" x 18'	86.22	
02264-0043	Sand And Gravel Bags (02264)		
	Note: Bags filled on site with delivered material. Includes material and placement of bags.		
02264-0044	BAG Sand Bag With 50 LB Sand	3.15	
	02MOD-0115 For > 2500 To 5000, Deduct	-0.27	
	02MOD-0116 For > 5000, Deduct	-0.58	
02264-0045	BAG Gravel Bag #33 With 5/16" Birdseye Gravel	3.72	
02264-0046	BAG Bag Removal	1.79	
02264-0047	Turbidity Curtain (02264)		
02264-0048	LF 3' High Turbidity Curtain	12.52	
02264-0049	LF 4' High Turbidity Curtain	13.64	
02264-0050	LF 5' High Turbidity Curtain	15.25	
02264-0051	LF 6' High Turbidity Curtain	16.61	
02264-0052	LF 7' High Turbidity Curtain	17.42	
02264-0053	LF 8' High Turbidity Curtain	18.23	
02264-0054	LF 9' High Turbidity Curtain	19.20	
02264-0055	LF 10' High Turbidity Curtain	20.60	
02264-0056	LF 12' High Turbidity Curtain	21.67	
02264-0057	LF 13' High Turbidity Curtain	23.18	
02264-0058	LF 14' High Turbidity Curtain	24.58	
02264-0059	LF 15' High Turbidity Curtain	25.95	
02264-0060	LF 16' High Turbidity Curtain	28.52	
02264-0061	LF 17' High Turbidity Curtain	30.04	
02264-0062	LF 18' High Turbidity Curtain	31.56	
02264-0063	LF 19' High Turbidity Curtain	33.22	
02264-0064	LF 20' High Turbidity Curtain	34.92	
02264-0065	Filter Bags (02264)		
02264-0066	Non-Woven Filter Bags (02264-0065)		
02264-0067	EA 6' x 15' Non-Woven Filter Bag	120.58	
02264-0068	EA 13' x 15' Non-Woven Filter Bag	173.84	
02264-0069	EA 15' x 15' Non-Woven Filter Bag	200.63	
02264-0070	Monofilament Filter Bags (02264-0065)		
02264-0071	EA 5' x 15' Monofilament Filter Bag.....	125.15	
02264-0072	EA 10' x 15' Monofilament Filter Bag.....	172.50	
02264-0073	Hay And Straw Bales (02264)		
	Note: Includes stakes and removal after use.		
02264-0074	LF Place And Remove Straw Bales	4.26	
	Note: Includes securing in ground with stakes.		
02264-0075	LF Place And Remove Hay Bales.....	3.87	
	Note: Includes securing in ground with stakes.		
02264-0076	Mat Pavement / Protection (02264)		

02000 Site Construction**02260 Slope Protection****02264 Erosion Control**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02264-0077		Cable Articulating Concrete Block (02264-0076) Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable and fill. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor.		
02264-0078	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill.....	27.29	
	02MOD-0117	For Gravel Fill, Add	0.62	
	02MOD-0118	For Up To 500, Add	6.28	
	02MOD-0119	For > 500 To 1000, Add	3.55	
02264-0079	SF	6" Open Cell Articulated Concrete Block With Earth Backfill.....	30.94	
	02MOD-0117	For Gravel Fill, Add	0.70	
	02MOD-0118	For Up To 500, Add	7.09	
	02MOD-0119	For > 500 To 1000, Add	3.99	
02264-0080	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill.....	35.16	
	02MOD-0117	For Gravel Fill, Add	0.79	
	02MOD-0118	For Up To 500, Add	8.02	
	02MOD-0119	For > 500 To 1000, Add	4.50	
02264-0081	SF	9" Open Cell Articulated Concrete Block With Earth Backfill.....	39.54	
	02MOD-0117	For Gravel Fill, Add	0.88	
	02MOD-0118	For Up To 500, Add	9.01	
	02MOD-0119	For > 500 To 1000, Add	5.05	
02264-0082	SF	4.75" Closed Cell Articulated Concrete Block.....	28.93	
	02MOD-0118	For Up To 500, Add	6.61	
	02MOD-0119	For > 500 To 1000, Add	3.72	
02264-0083	SF	6" Closed Cell Articulated Concrete Block.....	32.89	
	02MOD-0118	For Up To 500, Add	7.48	
	02MOD-0119	For > 500 To 1000, Add	4.19	
02264-0084	SF	7.5" Closed Cell Articulated Concrete Block.....	37.47	
	02MOD-0118	For Up To 500, Add	8.48	
	02MOD-0119	For > 500 To 1000, Add	4.73	
02264-0085	SF	9" Closed Cell Articulated Concrete Block.....	42.19	
	02MOD-0118	For Up To 500, Add	9.54	
	02MOD-0119	For > 500 To 1000, Add	5.32	
02264-0086		Other (02264)		
02264-0087		Bonded Fiber Matrix (02264-0086)		
02264-0088	MSF	Bonded Fiber Matrix, Hydraulically Applied, Up To 25000 SF.....	35.57	
02264-0089	MSF	Bonded Fiber Matrix, Hydraulically Applied, 25001 To 50000 SF.....	32.21	
02264-0090	MSF	Bonded Fiber Matrix, Hydraulically Applied, 50001 To 100000 SF.....	29.35	
02264-0091	MSF	Bonded Fiber Matrix, Hydraulically Applied, > 100000.....	27.72	
02265		Rubber Dams (02260)		
02265-0001		Rubber Dam Repair (02265)		
02265-0002	EA	Class A Rubber Dam Repair (Bullet And Similar Holes).....	23.69	
02265-0003	SF	Class B Rubber Dam Repair (Minor Surface Rubber Damage).....	46.24	
02265-0004	SF	Class C Rubber Dam Repair (Major Surface Rubber Damage).....	68.55	
02265-0005	SF	Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material.....	75.91	
02268		Soil Nailing And Stabilization (02260)		
02268-0001		Landslide and Slip-Out Stabilization (02268) Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor will also warrant the stability of the repaired roadway section for a period of not less than five (5) years.		
02268-0002		Launched Soil Nails™ (02268-0001) Note: Furnish Launched Soil Nails™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Alternately, the tube may be composed of fiberglass (1.5 inch outside diameter, 0.5 inch wall thickness Strongwell EXTREN Series 625 Vinyl Ester fiberglass). Furnish equipment and incidentals necessary to complete the work. Insert Launched Soil Nails™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.		
02268-0003	EA	Launched Soil Nails™ up to 20-ft. length.....	600.00	
02268-0004	EA	Fiberglass Launched Soil Nails™ up to 20-ft. length.....	700.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02268-0005 SuperNails® <small>(02268-0001)</small>		
<p>Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #4 (or greater) grade 60 rebar or threadbar as the inner bar. SuperNails® may be in lengths up to 80 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #4 or larger epoxy coated inner bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.</p>		
02268-0006 EA SuperNails® up to 20-ft. length.....	600.00	
02268-0007 EA SuperNails® up to 30-ft. length.....	750.00	
02268-0008 EA SuperNails® up to 40-ft. length.....	1,100.00	
02268-0009 EA SuperNails® up to 50-ft. length.....	1,375.00	
02268-0010 EA SuperNails® up to 60-ft. length.....	1,650.00	
02268-0011 EA SuperNails® up to 70-ft. length.....	1,925.00	
02268-0012 EA SuperNails® up to 80-ft. length.....	2,200.00	
02268-0013 Self Drilling SuperNails® <small>(02268-0001)</small>		
<p>Note: Furnish Self Drilling SuperNails® that are a two stage construction including installation of (1) an outer tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities with a sacrificial drill bit; and (2) neat cement grout that is installed as the outer tube is drilled that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #4 (or greater) grade 60 or greater rebar or threadbar as the inner bar, if required by the Contractor's Engineer. Self Drilling SuperNails® may be in lengths up to 80 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert Self Drilling SuperNail® outer tubes by drilling a hole to a prescribed depth and grouting during drilling operations. If required, immediately insert a #4 or larger epoxy coated inner bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.</p>		
02268-0014 EA Self Drilling SuperNails® up to 20-ft.....	700.00	
02268-0015 EA Self Drilling SuperNails® up to 30-ft.....	1,200.00	
02268-0016 EA Self Drilling SuperNails® up to 40-ft.....	2,000.00	
02268-0017 EA Self Drilling SuperNails® up to 50-ft.....	2,400.00	
02268-0018 EA Self Drilling SuperNails® up to 60-ft.....	2,950.00	
02268-0019 EA Self Drilling SuperNails® up to 70-ft.....	3,100.00	
02268-0020 EA Self Drilling SuperNails® up to 80-ft.....	3,300.00	
02268-0021 SuperMicropiles™ <small>(02268-0001)</small>		
<p>Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #4 (or greater) grade 60 rebar or threadbar as the inner bar. SuperMicropiles™ may be in lengths up to 80 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #4 or larger epoxy coated inner bar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.</p>		
02268-0022 EA SuperMicropiles™ up to 20-ft. length.....	600.00	
02268-0023 EA SuperMicropiles™ up to 30-ft. length.....	750.00	
02268-0024 EA SuperMicropiles™ up to 40-ft. length.....	1,100.00	
02268-0025 EA SuperMicropiles™ up to 50-ft. length.....	1,375.00	
02268-0026 BioWall® <small>(02268-0001)</small>		
<p>Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.</p>		
02268-0027 SF BioWall®.....	30.00	
02268-0028 Geosynthetically Confined Soil Wall™ <small>(02268-0001)</small>		
<p>Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™. Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – "Design and Construction Guidelines for Geosynthetic – Reinforced Soil Bridge Abutments with a Flexible Facing")</p>		
02268-0029 SF GCS® Wall.....	35.00	

02000 Site Construction**02260 Slope Protection****02268 Soil Nailing And Stabilization**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02268-0030		Shotcrete <small>(02268-0001)</small> Note: Furnish shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by either a wet-mix or dry-mix process. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. The dry-mix process consists of shotcrete without mixing water that is conveyed through the hose pneumatically with the mixing water introduced at the nozzle. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete". The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document.		
02268-0031	SF	Shotcrete – 4" thick..... Note: For use with Launched Soil Nails™, SuperMicropiles™ SuperNails® and Self Drilling SuperNails®	30.00	
02268-0032	SF	Shotcrete – 8" thick..... Note: For use with Launched Soil Nails™, SuperMicropiles™ SuperNails® and Self Drilling SuperNails®.	40.00	
02268-0033	SF	Shotcrete – 10" thick..... Note: For use with Launched Soil Nails™, SuperMicropiles™ SuperNails® and Self Drilling SuperNails®.	50.00	
02268-0034	SF	Shotcrete – Sculpted and stained – varying thickness Note: For use with Launched Soil Nails™, SuperMicropiles™ SuperNails® and Self Drilling SuperNails®.	12.50	
02268-0035		Steel Mesh <small>(02268-0001)</small> Note: Furnish Galvanized Steel Mesh for use with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.		
02268-0036	SF	Galvanized Steel Mesh Note: For use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails®.	15.00	
02268-0037		Mobilization / Demobilization <small>(02268-0001)</small> Note: Point of origin is from the acceptable contractor's facility location. Contractors meeting these requirements and are authorized to install the materials are as follows: a) Landslide Solutions, Inc., 9362 Cedarview Way, Elk Grove, CA 95758 b) Soil Nail Launcher, Inc. 955 Malachite Drive, Fruita, CO 81521 c) Geostabilization Inc., 955 Malachite Drive, Fruita, CO 81521		
02268-0038	EA	Mobilization / Demobilization Less than 50 miles.....	2,000.00	
02268-0039	EA	Mobilization / Demobilization > 50 To 700 miles.....	5,000.00	
02268-0040	EA	Mobilization / Demobilization > 700 To 1500 miles.....	8,000.00	
02268-0041	EA	Mobilization / Demobilization > 1500 To 5000 miles.....	15,000.00	
02300		Pile Foundations <small>(02000)</small>		
02313		Prestressed Concrete Piles <small>(02300)</small>		
02313-0001		Square Piles <small>(02313)</small>		
02313-0002	VLF	10" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	18.94 10.17	
02313-0003	VLF	12" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	23.45 11.39	
02313-0004	VLF	14" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	28.13 12.46	
02313-0005	VLF	16" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	34.12 13.75	
02313-0006	VLF	18" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	41.09 15.24	
02313-0007	VLF	20" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	47.35 16.80	
02313-0008	VLF	24" Prestressed Square Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	59.88 19.15	
02313-0009		Octagonal Pile <small>(02313)</small>		
02313-0010	VLF	12" Prestressed Octagonal Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	30.35 11.55	
02313-0011	VLF	14" Prestressed Octagonal Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	37.90 12.84	
02313-0012	VLF	16" Prestressed Octagonal Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	45.54 14.20	
02313-0013	VLF	18" Prestressed Octagonal Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	55.01 15.84	
02313-0014	VLF	20" Prestressed Octagonal Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	62.14 21.07	
02313-0015	VLF	24" Prestressed Octagonal Concrete Pile..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	72.14 18.27	
02313-0016		Straight Cylinder <small>(02313)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02313-0017	VLF 12" Diameter Prestressed Concrete Pile 2-3/8" Wall, Straight Cylinder..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	23.03 10.34	
02313-0018	VLF 14" Diameter Prestressed Concrete Pile 2-1/2" Wall, Straight Cylinder..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	26.78 11.19	
02313-0019	VLF 16" Diameter Prestressed Concrete Pile 3" Wall, Straight Cylinder..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	31.20 12.17	
02313-0020	VLF 18" Diameter Prestressed Concrete Pile 3" Wall, Straight Cylinder..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	35.01 13.15	
02313-0021	VLF 20" Diameter Prestressed Concrete Pile 3-1/2" Wall, Straight Cylinder..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	43.09 14.65	
02313-0022	VLF 24" Diameter Prestressed Concrete Pile 3-1/2" Wall, Straight Cylinder..... <i>02MOD-0120 For Piles Driven In Water, Add</i>	52.41 16.37	

02315 Steel Piles (02300)

02315-0001 Steel H-Section Piles (02315)

02315-0002	VLF 8 x 8 x 36 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	37.68 12.80	
02315-0003	VLF 10 x 10 x 42 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	42.79 13.77	
02315-0004	VLF 10 x 10 x 57 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	54.31 14.93	
02315-0005	VLF 12 x 12 x 53 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	51.54 14.93	
02315-0006	VLF 12 x 12 x 63 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	59.22 15.70	
02315-0007	VLF 12 x 12 x 74 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	68.58 17.45	
02315-0008	VLF 12 x 12 x 84 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	76.25 18.22	
02315-0009	VLF 14 x 14 x 73 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	68.09 17.65	
02315-0010	VLF 14 x 14 x 89 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	81.14 18.96	
02315-0011	VLF 14 x 14 x 102 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	91.36 20.89	
02315-0012	VLF 14 x 14 x 117 LB/FT Driven Steel H-Section Pile Rolled Steel <i>02MOD-0121 For Piles Driven In Water, Add</i>	103.64 22.12	

02315-0013 Splices, Caps, And Points For H-Piles (02315)

02315-0014	EA 8" H-Section Pile Splice Rolled Steel.....	281.11	
02315-0015	EA 10" H-Section Pile Splice Rolled Steel.....	335.63	
02315-0016	EA 12" H-Section Pile Splice Rolled Steel.....	443.54	
02315-0017	EA 14" H-Section Pile Splice Rolled Steel.....	470.81	
02315-0018	EA 8" H-Section Driving Cap Rolled Steel.....	4,447.96	
02315-0019	EA 10" H-Section Driving Cap Rolled Steel.....	4,447.96	
02315-0020	EA 12" H-Section Driving Cap Rolled Steel.....	4,490.30	
02315-0021	EA 14" H-Section Driving Cap Rolled Steel.....	6,807.57	
02315-0022	EA 8" H-Section Standard Point Standard, Rolled Steel	308.37	
02315-0023	EA 10" H-Section Standard Point Standard, Rolled Steel	335.63	
02315-0024	EA 12" H-Section Standard Point Standard, Rolled Steel	443.54	
02315-0025	EA 14" H-Section Standard Point Standard, Rolled Steel	525.33	
02315-0026	EA 10" H-Section Standard Point Heavy Duty, Rolled Steel	443.54	
02315-0027	EA 14" H-Section Standard Point Heavy Duty, Rolled Steel	578.14	

02316 Steel Pipe Piles (02300)

02316-0001 Concrete Filled Pipe Piles (02316)

Note: All material included in cost

02316-0002	VLF 8" Diameter Concrete Filled Steel Pipe Piles, 29 LB/FT <i>02MOD-0122 For Piles Driven In Water, Add</i>	26.65 15.25	
02316-0003	VLF 10" Diameter Concrete Filled Steel Pipe Piles, 34 LB/FT <i>02MOD-0122 For Piles Driven In Water, Add</i>	30.58 15.92	
02316-0004	VLF 12" Diameter Concrete Filled Steel Pipe Piles, 42 LB/FT <i>02MOD-0122 For Piles Driven In Water, Add</i>	36.04 17.55	
02316-0005	VLF 14" Diameter Concrete Filled Steel Pipe Piles, 46 LB/FT <i>02MOD-0122 For Piles Driven In Water, Add</i>	40.49 20.35	
02316-0006	VLF 16" Diameter Concrete Filled Steel Pipe Piles, 52 LB/FT <i>02MOD-0122 For Piles Driven In Water, Add</i>	44.81 21.76	
02316-0007	VLF 18" Diameter Concrete Filled Steel Pipe Piles, 59 LB/FT <i>02MOD-0122 For Piles Driven In Water, Add</i>	53.92 24.07	

02316-0008 Pipe Piles, Non-Filled (02316)

02316-0009	VLF 8" Diameter Non-Filled Steel Pipe Piles..... <i>02MOD-0122 For Piles Driven In Water, Add</i>	24.21 14.00	
02316-0010	VLF 10" Diameter Non-Filled Steel Pipe Piles..... <i>02MOD-0122 For Piles Driven In Water, Add</i>	27.05 14.28	

02000 Site Construction**02300 Pile Foundations****02316 Steel Pipe Piles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02316-0011	VLF	12" Diameter Non-Filled Steel Pipe Piles.....	31.07	
	02MOD-0122	For Piles Driven In Water, Add	15.29	
02316-0012	VLF	14" Diameter Non-Filled Steel Pipe Piles.....	33.74	
	02MOD-0122	For Piles Driven In Water, Add	16.83	
02316-0013	VLF	16" Diameter Non-Filled Steel Pipe Piles.....	37.58	
	02MOD-0122	For Piles Driven In Water, Add	18.80	
02316-0014	VLF	18" Diameter Non-Filled Steel Pipe Piles.....	45.23	
	02MOD-0122	For Piles Driven In Water, Add	20.82	
02316-0015		Splices And Points For Pipe Pile (02316)		
02316-0016		Splice (02316-0015)		
02316-0017	EA	8" Diameter Pipe Pile Splice Steel.....	178.49	
02316-0018	EA	10" Diameter Pipe Pile Splice Steel.....	187.68	
02316-0019	EA	12" Diameter Pipe Pile Splice Steel.....	248.04	
02316-0020	EA	14" Diameter Pipe Pile Splice Steel.....	257.11	
02316-0021	EA	16" Diameter Pipe Pile Splice Steel.....	304.87	
02316-0022	EA	18" Diameter Pipe Pile Splice Steel.....	362.25	
02316-0023		Standard Point (02316-0015)		
02316-0024	EA	8" Diameter Steel Pipe Pile Standard Point.....	184.98	
02316-0025	EA	10" Diameter Steel Pipe Pile Standard Point.....	192.34	
02316-0026	EA	12" Diameter Steel Pipe Pile Standard Point.....	216.24	
02316-0027	EA	14" Diameter Steel Pipe Pile Standard Point.....	236.49	
02316-0028	EA	16" Diameter Steel Pipe Pile Standard Point.....	254.90	
02316-0029	EA	18" Diameter Steel Pipe Pile Standard Point.....	295.50	
02316-0030		Heavy Duty Point (02316-0015)		
02316-0031	EA	10" Diameter Steel Pipe Pile Point Heavy Duty.....	274.67	
02316-0032	EA	12" Diameter Steel Pipe Pile Point Heavy Duty.....	283.87	
02316-0033	EA	14" Diameter Steel Pipe Pile Point Heavy Duty.....	316.09	
02316-0034	EA	16" Diameter Steel Pipe Pile Point Heavy Duty.....	352.91	
02316-0035	EA	18" Diameter Steel Pipe Pile Point Heavy Duty.....	390.94	
02317 Concrete Filled Steel Shell Piles (02300)				
02317-0001		Tapered Friction Piles With Fluted Steel Casing Up To 50' (02317)		
		Note: With 4000 PSI concrete. Excludes reinforcing		
02317-0002	VLF	12" Diameter Tapered Friction Steel Pile, 7 Gauge.....	39.72	
	02MOD-0123	For Piles Driven In Water, Add	13.62	
02317-0003	VLF	14" Diameter Tapered Friction Steel Pile, 7 Gauge.....	40.86	
	02MOD-0123	For Piles Driven In Water, Add	14.43	
02317-0004	VLF	16" Diameter Tapered Friction Steel Pile, 7 Gauge.....	49.57	
	02MOD-0123	For Piles Driven In Water, Add	16.09	
02317-0005	VLF	18" Diameter Tapered Friction Steel Pile, 7 Gauge.....	57.04	
	02MOD-0123	For Piles Driven In Water, Add	17.76	
02317-0006		Constant Diameter Pile, End Bearing, With Fluted Steel Casing (02317)		
		Note: Up to 50'. Excludes reinforced		
02317-0007	VLF	12" Diameter Constant Diameter Steel Pipe Pile, 7 Gauge.....	40.46	
	02MOD-0123	For Piles Driven In Water, Add	13.69	
02317-0008	VLF	14" Diameter Constant Diameter Steel Pipe Pile, 7 Gauge.....	48.83	
	02MOD-0123	For Piles Driven In Water, Add	15.22	
02317-0009	VLF	16" Diameter Constant Diameter Steel Pipe Pile, 7 Gauge.....	55.16	
	02MOD-0123	For Piles Driven In Water, Add	16.65	
02317-0010	VLF	18" Diameter Constant Diameter Steel Pipe Pile, 7 Gauge.....	60.00	
	02MOD-0123	For Piles Driven In Water, Add	18.06	
02317-0011		Thin Wall Shell Straight Sided (02317)		
02317-0012	VLF	8" Diameter, 16 Gauge Steel Thin Wall Shell Straight Sided.....	24.33	
	02MOD-0123	For Piles Driven In Water, Add	10.58	
	02MOD-0124	For Thick Wall Shell, Add	0.04	
02317-0013	VLF	10" Diameter, 16 Gauge Steel Thin Wall Shell Straight Sided.....	26.86	
	02MOD-0123	For Piles Driven In Water, Add	11.73	
	02MOD-0124	For Thick Wall Shell, Add	0.04	
02317-0014	VLF	12" Diameter, 16 Gauge Steel Thin Wall Shell Straight Sided.....	29.38	
	02MOD-0123	For Piles Driven In Water, Add	12.88	
	02MOD-0124	For Thick Wall Shell, Add	0.05	
02317-0015	VLF	14" Diameter, 16 Gauge Steel Thin Wall Shell Straight Sided.....	31.92	
	02MOD-0123	For Piles Driven In Water, Add	14.05	
	02MOD-0124	For Thick Wall Shell, Add	0.05	
02317-0016	VLF	16" Diameter, 16 Gauge Steel Thin Wall Shell Straight Sided.....	34.46	
	02MOD-0123	For Piles Driven In Water, Add	15.20	
	02MOD-0124	For Thick Wall Shell, Add	0.05	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02318 Wood Piles (02300)

02318-0001 Treated Wood Piles, Friction Or End Bearing 12 LB (02318)

Note: Penta-treated/CF

02318-0002	LF 12" Butt x 8" Tip Treated Wood Piles Up To 30'	16.25
	02MOD-0125 For Piles Driven In Water, Add	9.66
	02MOD-0126 For Untreated Pile, Deduct	-2.71
	02MOD-0127 For Each Pile Tip Point, Add	12.50
	02MOD-0128 For Each Pile Butt, Driving Cap, Add	20.10
	02MOD-0129 For Each Splice For Pile > 50', Add	139.40
02318-0003	LF 12" Butt x 8" Tip Treated Wood Piles 30' To 39'	17.45
	02MOD-0125 For Piles Driven In Water, Add	10.79
	02MOD-0126 For Untreated Pile, Deduct	-2.74
	02MOD-0127 For Each Pile Tip Point, Add	12.50
	02MOD-0128 For Each Pile Butt, Driving Cap, Add	20.10
	02MOD-0129 For Each Splice For Pile > 50', Add	139.40
02318-0004	LF 12" Butt x 7" Tip Treated Wood Pile 40' To 49'	18.45
	02MOD-0125 For Piles Driven In Water, Add	11.49
	02MOD-0126 For Untreated Pile, Deduct	-2.86
	02MOD-0127 For Each Pile Tip Point, Add	12.50
	02MOD-0128 For Each Pile Butt, Driving Cap, Add	20.10
	02MOD-0129 For Each Splice For Pile > 50', Add	139.40
02318-0005	LF 13" Butt x 7" Tip Treated Wood Pile 50' To 59'	20.14
	02MOD-0125 For Piles Driven In Water, Add	12.87
	02MOD-0126 For Untreated Pile, Deduct	-2.99
	02MOD-0127 For Each Pile Tip Point, Add	12.50
	02MOD-0128 For Each Pile Butt, Driving Cap, Add	20.10
	02MOD-0129 For Each Splice For Pile > 50', Add	139.40
02318-0006	LF 13" Butt x 6" Tip Wood Pile 60' To 69'	24.21
	02MOD-0125 For Piles Driven In Water, Add	14.48
	02MOD-0126 For Untreated Pile, Deduct	-4.00
	02MOD-0127 For Each Pile Tip Point, Add	12.50
	02MOD-0128 For Each Pile Butt, Driving Cap, Add	20.10
	02MOD-0129 For Each Splice For Pile > 50', Add	139.40
02318-0007	LF 13" Butt x 6" Tip Wood Pile 70' To 79'	29.91
	02MOD-0125 For Piles Driven In Water, Add	17.46
	02MOD-0126 For Untreated Pile, Deduct	-5.12
	02MOD-0127 For Each Pile Tip Point, Add	12.50
	02MOD-0128 For Each Pile Butt, Driving Cap, Add	20.10
	02MOD-0129 For Each Splice For Pile > 50', Add	139.40

02319 Helical Pier Restoration (02300)

Note: Includes load test of piers, mobilization and demobilization. Excludes earth excavation, backfill or compaction.

02319-0001 Helical Pier Restoration (Atlas) (02319)

02319-0002	EA Structural Steel Piers (Atlas Pier System Or Equal)	2,302.92
	Note: Includes heavy duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling	
02319-0003	EA Pressure Injecting Grout For Slab Repairs, Per Location	200.00
	Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling.	
02319-0004	CY Pressure injected non-shrink grout	200.00

02350 Caissons (02000)

02351 Drilled Caissons (02350)

02351-0001 Caisson In Stable Ground No Casing Or Ground Water (02351)

Note: Up To 50' Deep See CSI section 02351-0070 for equipment set-up.

02351-0002 Caisson In Stable Ground (02351-0001)

Note: Includes 3000 PSI concrete and reinforcing.

02351-0003	VLF 18" Diameter Caisson, No Casing Stable Ground, No Ground Water	42.82
	Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.	
	02MOD-0130 For > 50' To 100' Deep, Add	4.31
	02MOD-0131 For > 100' To 150' Deep, Add	10.71
	02MOD-0132 For > 150' To 200' Deep, Add	14.48
	02MOD-0133 For Right Angle Drilling, Add	10.89
02351-0004	VLF 24" Diameter Caisson, No Casing Stable Ground, No Ground Water	54.40
	Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.	
	02MOD-0130 For > 50' To 100' Deep, Add	5.96
	02MOD-0131 For > 100' To 150' Deep, Add	13.60
	02MOD-0132 For > 150' To 200' Deep, Add	19.01
	02MOD-0133 For Right Angle Drilling, Add	12.31
02351-0005	VLF 30" Diameter Caisson, No Casing Stable Ground, No Ground Water	78.00
	Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.	
	02MOD-0130 For > 50' To 100' Deep, Add	8.92
	02MOD-0131 For > 100' To 150' Deep, Add	19.50
	02MOD-0132 For > 150' To 200' Deep, Add	27.72
	02MOD-0133 For Right Angle Drilling, Add	16.49

02000 Site Construction**02350 Caissons****02351 Drilled Caissons**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02351-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.	103.88	
	02MOD-0130	For > 50' To 100' Deep, Add	12.24	
	02MOD-0131	For > 100' To 150' Deep, Add	25.97	
	02MOD-0132	For > 150' To 200' Deep, Add	37.38	
	02MOD-0133	For Right Angle Drilling, Add	20.82	
02351-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.	135.04	
	02MOD-0130	For > 50' To 100' Deep, Add	16.48	
	02MOD-0131	For > 100' To 150' Deep, Add	33.76	
	02MOD-0132	For > 150' To 200' Deep, Add	49.29	
	02MOD-0133	For Right Angle Drilling, Add	25.31	
02351-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.	161.60	
	02MOD-0130	For > 50' To 100' Deep, Add	20.01	
	02MOD-0131	For > 100' To 150' Deep, Add	40.40	
	02MOD-0132	For > 150' To 200' Deep, Add	59.35	
	02MOD-0133	For Right Angle Drilling, Add	29.38	
02351-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.	197.46	
	02MOD-0130	For > 50' To 100' Deep, Add	25.15	
	02MOD-0131	For > 100' To 150' Deep, Add	49.37	
	02MOD-0132	For > 150' To 200' Deep, Add	73.40	
	02MOD-0133	For Right Angle Drilling, Add	33.70	
02351-0010	VLF	60" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.	232.91	
	02MOD-0130	For > 50' To 100' Deep, Add	30.23	
	02MOD-0131	For > 100' To 150' Deep, Add	58.23	
	02MOD-0132	For > 150' To 200' Deep, Add	87.29	
	02MOD-0133	For Right Angle Drilling, Add	37.98	
02351-0011	VLF	66" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.	273.14	
	02MOD-0130	For > 50' To 100' Deep, Add	35.98	
	02MOD-0131	For > 100' To 150' Deep, Add	68.29	
	02MOD-0132	For > 150' To 200' Deep, Add	103.01	
	02MOD-0133	For Right Angle Drilling, Add	42.92	
02351-0012	VLF	72" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.	320.35	
	02MOD-0130	For > 50' To 100' Deep, Add	42.76	
	02MOD-0131	For > 100' To 150' Deep, Add	80.09	
	02MOD-0132	For > 150' To 200' Deep, Add	121.53	
	02MOD-0133	For Right Angle Drilling, Add	48.57	
02351-0013	VLF	78" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.	366.86	
	02MOD-0130	For > 50' To 100' Deep, Add	49.55	
	02MOD-0131	For > 100' To 150' Deep, Add	91.72	
	02MOD-0132	For > 150' To 200' Deep, Add	139.90	
	02MOD-0133	For Right Angle Drilling, Add	53.81	
02351-0014	VLF	84" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.	416.57	
	02MOD-0130	For > 50' To 100' Deep, Add	56.84	
	02MOD-0131	For > 100' To 150' Deep, Add	104.14	
	02MOD-0132	For > 150' To 200' Deep, Add	159.58	
	02MOD-0133	For Right Angle Drilling, Add	59.29	
02351-0015		For Bell Excavation And Concrete, Add <small>(02351-0001)</small>		
02351-0016	EA	Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	302.95 24.29 75.74 94.73	
02351-0017	EA	Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	1,064.77 85.48 266.19 333.12	
02351-0018	EA	Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	1,607.29 130.93 401.82 505.21	
02351-0019	EA	Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	2,230.53 182.02 557.63 701.52	
02351-0020	EA	Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	3,033.74 243.49 758.44 949.04	
02351-0021	EA	Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	3,567.44 286.21 891.86 1,115.85	
02351-0022	EA	Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY 02MOD-0130 For > 50' To 100' Deep, Add 02MOD-0131 For > 100' To 150' Deep, Add 02MOD-0132 For > 150' To 200' Deep, Add	6,051.81 484.64 1,512.95 1,891.81	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02351-0023	EA Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY.....	8,739.12	
	02MOD-0130 For > 50' To 100' Deep, Add	706.39	
	02MOD-0131 For > 100' To 150' Deep, Add	2,184.78	
	02MOD-0132 For > 150' To 200' Deep, Add	2,740.05	
02351-0024	Caisson In Wet Ground, Casing Pulled (02351) Note: Up To 50' Deep See CSI section 02351-0070 for equipment set-up.		
02351-0025	Caisson In Wet Ground (02351-0024) Note: Includes 3000 PSI concrete and reinforcing.		
02351-0026	VLF 18" Diameter Caisson Wet Ground, Casing Pulled.....	46.90	
	Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	4.59	
	02MOD-0131 For > 100' To 150' Deep, Add	11.73	
	02MOD-0132 For > 150' To 200' Deep, Add	15.70	
	02MOD-0134 For Right Angle Drilling, Add	12.34	
02351-0027	VLF 24" Diameter Caisson Wet Ground, Casing Pulled.....	77.90	
	Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	7.61	
	02MOD-0131 For > 100' To 150' Deep, Add	19.48	
	02MOD-0132 For > 150' To 200' Deep, Add	26.06	
	02MOD-0134 For Right Angle Drilling, Add	20.54	
02351-0028	VLF 30" Diameter Caisson Wet Ground, Casing Pulled.....	104.41	
	Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	10.77	
	02MOD-0131 For > 100' To 150' Deep, Add	26.10	
	02MOD-0132 For > 150' To 200' Deep, Add	35.65	
	02MOD-0134 For Right Angle Drilling, Add	25.73	
02351-0029	VLF 36" Diameter Caisson Wet Ground, Casing Pulled.....	143.70	
	Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	15.03	
	02MOD-0131 For > 100' To 150' Deep, Add	35.93	
	02MOD-0132 For > 150' To 200' Deep, Add	49.32	
	02MOD-0134 For Right Angle Drilling, Add	34.76	
02351-0030	VLF 42" Diameter Caisson Wet Ground, Casing Pulled.....	184.20	
	Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	19.92	
	02MOD-0131 For > 100' To 150' Deep, Add	46.05	
	02MOD-0132 For > 150' To 200' Deep, Add	64.04	
	02MOD-0134 For Right Angle Drilling, Add	42.52	
02351-0031	VLF 48" Diameter Caisson Wet Ground, Casing Pulled.....	219.93	
	Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	24.09	
	02MOD-0131 For > 100' To 150' Deep, Add	54.98	
	02MOD-0132 For > 150' To 200' Deep, Add	76.85	
	02MOD-0134 For Right Angle Drilling, Add	49.80	
02351-0032	VLF 54" Diameter Caisson Wet Ground, Casing Pulled.....	285.01	
	Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	31.28	
	02MOD-0131 For > 100' To 150' Deep, Add	71.25	
	02MOD-0132 For > 150' To 200' Deep, Add	99.67	
	02MOD-0134 For Right Angle Drilling, Add	64.34	
02351-0033	VLF 60" Diameter Caisson Wet Ground, Casing Pulled.....	348.92	
	Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	38.36	
	02MOD-0131 For > 100' To 150' Deep, Add	87.23	
	02MOD-0132 For > 150' To 200' Deep, Add	122.09	
	02MOD-0134 For Right Angle Drilling, Add	78.59	
02351-0034	VLF 66" Diameter Caisson Wet Ground, Casing Pulled.....	400.06	
	Note: 0.87 CY Concrete per VLF, 113 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	44.86	
	02MOD-0131 For > 100' To 150' Deep, Add	100.02	
	02MOD-0132 For > 150' To 200' Deep, Add	141.09	
	02MOD-0134 For Right Angle Drilling, Add	87.34	
02351-0035	VLF 72" Diameter Caisson Wet Ground, Casing Pulled.....	458.14	
	Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	52.41	
	02MOD-0131 For > 100' To 150' Deep, Add	114.54	
	02MOD-0132 For > 150' To 200' Deep, Add	162.87	
	02MOD-0134 For Right Angle Drilling, Add	96.79	
02351-0036	VLF 78" Diameter Caisson Wet Ground, Casing Pulled.....	522.69	
	Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	60.46	
	02MOD-0131 For > 100' To 150' Deep, Add	130.67	
	02MOD-0132 For > 150' To 200' Deep, Add	186.65	
	02MOD-0134 For Right Angle Drilling, Add	108.35	
02351-0037	VLF 84" Diameter Caisson Wet Ground, Casing Pulled.....	590.75	
	Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
	02MOD-0130 For > 50' To 100' Deep, Add	69.04	
	02MOD-0131 For > 100' To 150' Deep, Add	147.69	
	02MOD-0132 For > 150' To 200' Deep, Add	211.83	
	02MOD-0134 For Right Angle Drilling, Add	120.25	
02351-0038	For Bell Excavation And Concrete, Add (02351-0024)		

02000 Site Construction**02350 Caissons****02351 Drilled Caissons**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02351-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY.....	347.45	
	02MOD-0130	For > 50' To 100' Deep, Add	27.40	
	02MOD-0131	For > 100' To 150' Deep, Add	86.86	
	02MOD-0132	For > 150' To 200' Deep, Add	108.08	
02351-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY.....	1,210.07	
	02MOD-0130	For > 50' To 100' Deep, Add	95.65	
	02MOD-0131	For > 100' To 150' Deep, Add	302.52	
	02MOD-0132	For > 150' To 200' Deep, Add	376.71	
02351-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY.....	1,676.43	
	02MOD-0130	For > 50' To 100' Deep, Add	124.36	
	02MOD-0131	For > 100' To 150' Deep, Add	419.11	
	02MOD-0132	For > 150' To 200' Deep, Add	511.70	
02351-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY.....	2,655.39	
	02MOD-0130	For > 50' To 100' Deep, Add	211.76	
	02MOD-0131	For > 100' To 150' Deep, Add	663.85	
	02MOD-0132	For > 150' To 200' Deep, Add	828.98	
02351-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY.....	3,447.83	
	02MOD-0130	For > 50' To 100' Deep, Add	272.48	
	02MOD-0131	For > 100' To 150' Deep, Add	861.96	
	02MOD-0132	For > 150' To 200' Deep, Add	1,073.27	
02351-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY.....	4,054.59	
	02MOD-0130	For > 50' To 100' Deep, Add	320.31	
	02MOD-0131	For > 100' To 150' Deep, Add	1,013.65	
	02MOD-0132	For > 150' To 200' Deep, Add	1,261.99	
02351-0045	EA	Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY.....	6,879.97	
	02MOD-0130	For > 50' To 100' Deep, Add	542.61	
	02MOD-0131	For > 100' To 150' Deep, Add	1,719.99	
	02MOD-0132	For > 150' To 200' Deep, Add	2,140.26	
02351-0046	EA	Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY.....	9,922.21	
	02MOD-0130	For > 50' To 100' Deep, Add	789.21	
	02MOD-0131	For > 100' To 150' Deep, Add	2,480.55	
	02MOD-0132	For > 150' To 200' Deep, Add	3,094.98	
02351-0047		Caisson In Soft Rock And Medium Hard Shale <small>(02351)</small>		
		Note: Up To 50' Deep See CSI section 02351-0070 for equipment set-up.		
02351-0048		Caisson In Soft Rock <small>(02351-0047)</small>		
		Note: Includes 3000 PSI concrete and reinforcing.		
02351-0049	VLF	18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	174.24	
		Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	13.50	
	02MOD-0131	For > 100' To 150' Deep, Add	43.56	
	02MOD-0132	For > 150' To 200' Deep, Add	53.90	
	02MOD-0135	For Right Angle Drilling, Add	56.90	
02351-0050	VLF	24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	290.15	
		Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	22.46	
	02MOD-0131	For > 100' To 150' Deep, Add	72.54	
	02MOD-0132	For > 150' To 200' Deep, Add	89.74	
	02MOD-0135	For Right Angle Drilling, Add	94.82	
02351-0051	VLF	30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	438.04	
		Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	34.12	
	02MOD-0131	For > 100' To 150' Deep, Add	109.51	
	02MOD-0132	For > 150' To 200' Deep, Add	135.74	
	02MOD-0135	For Right Angle Drilling, Add	142.50	
02351-0052	VLF	36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	560.83	
		Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	44.23	
	02MOD-0131	For > 100' To 150' Deep, Add	140.21	
	02MOD-0132	For > 150' To 200' Deep, Add	174.46	
	02MOD-0135	For Right Angle Drilling, Add	180.76	
02351-0053	VLF	42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	718.66	
		Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	57.33	
	02MOD-0131	For > 100' To 150' Deep, Add	179.67	
	02MOD-0132	For > 150' To 200' Deep, Add	224.38	
	02MOD-0135	For Right Angle Drilling, Add	229.58	
02351-0054	VLF	48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	865.73	
		Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	69.30	
	02MOD-0131	For > 100' To 150' Deep, Add	216.43	
	02MOD-0132	For > 150' To 200' Deep, Add	270.59	
	02MOD-0135	For Right Angle Drilling, Add	275.83	
02351-0055	VLF	54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,061.16	
		Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	85.61	
	02MOD-0131	For > 100' To 150' Deep, Add	265.29	
	02MOD-0132	For > 150' To 200' Deep, Add	332.51	
	02MOD-0135	For Right Angle Drilling, Add	336.00	
02351-0056	VLF	60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,255.57	
		Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	101.82	
	02MOD-0131	For > 100' To 150' Deep, Add	313.89	
	02MOD-0132	For > 150' To 200' Deep, Add	394.09	
	02MOD-0135	For Right Angle Drilling, Add	395.91	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02351-0057	VLF	66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,382.57	
		Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	113.64	
	02MOD-0131	For > 100' To 150' Deep, Add	345.64	
	02MOD-0132	For > 150' To 200' Deep, Add	435.84	
	02MOD-0135	For Right Angle Drilling, Add	431.22	
02351-0058	VLF	72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,515.93	
		Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	126.45	
	02MOD-0131	For > 100' To 150' Deep, Add	378.98	
	02MOD-0132	For > 150' To 200' Deep, Add	480.20	
	02MOD-0135	For Right Angle Drilling, Add	467.02	
02351-0059	VLF	78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,560.08	
		Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	133.08	
	02MOD-0131	For > 100' To 150' Deep, Add	390.02	
	02MOD-0132	For > 150' To 200' Deep, Add	497.86	
	02MOD-0135	For Right Angle Drilling, Add	471.43	
02351-0060	VLF	84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,861.05	
		Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
	02MOD-0130	For > 50' To 100' Deep, Add	157.96	
	02MOD-0131	For > 100' To 150' Deep, Add	465.26	
	02MOD-0132	For > 150' To 200' Deep, Add	592.92	
	02MOD-0135	For Right Angle Drilling, Add	564.86	
02351-0061		For Bell Excavation And Concrete, Add (02351-0047)		
02351-0062	EA	Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	599.71	
	02MOD-0130	For > 50' To 100' Deep, Add	45.06	
	02MOD-0131	For > 100' To 150' Deep, Add	149.93	
	02MOD-0132	For > 150' To 200' Deep, Add	183.76	
02351-0063	EA	Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	2,110.18	
	02MOD-0130	For > 50' To 100' Deep, Add	158.66	
	02MOD-0131	For > 100' To 150' Deep, Add	527.55	
	02MOD-0132	For > 150' To 200' Deep, Add	646.74	
02351-0064	EA	Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	3,158.80	
	02MOD-0130	For > 50' To 100' Deep, Add	239.53	
	02MOD-0131	For > 100' To 150' Deep, Add	789.70	
	02MOD-0132	For > 150' To 200' Deep, Add	970.66	
02351-0065	EA	Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	4,497.95	
	02MOD-0130	For > 50' To 100' Deep, Add	340.74	
	02MOD-0131	For > 100' To 150' Deep, Add	1,124.49	
	02MOD-0132	For > 150' To 200' Deep, Add	1,381.74	
02351-0066	EA	Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	5,950.38	
	02MOD-0130	For > 50' To 100' Deep, Add	447.66	
	02MOD-0131	For > 100' To 150' Deep, Add	1,487.60	
	02MOD-0132	For > 150' To 200' Deep, Add	1,824.03	
02351-0067	EA	Bell Excavation And Concrete, 10' Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	7,253.20	
	02MOD-0130	For > 50' To 100' Deep, Add	544.22	
	02MOD-0131	For > 100' To 150' Deep, Add	1,813.30	
	02MOD-0132	For > 150' To 200' Deep, Add	2,221.58	
02351-0068	EA	Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	10,958.20	
	02MOD-0130	For > 50' To 100' Deep, Add	828.09	
	02MOD-0131	For > 100' To 150' Deep, Add	2,739.55	
	02MOD-0132	For > 150' To 200' Deep, Add	3,363.72	
02351-0069	EA	Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	16,476.50	
	02MOD-0130	For > 50' To 100' Deep, Add	1,248.01	
	02MOD-0131	For > 100' To 150' Deep, Add	4,119.13	
	02MOD-0132	For > 150' To 200' Deep, Add	5,061.27	
02351-0070		Caisson Setup And Removal (02351)		
		Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.		
02351-0071	EA	Erect, Set Up, Dismantle And Remove Caisson 18" To 36" Diameter, Complete.....	2,542.26	
02351-0072	EA	Erect, Set Up, Dismantle And Remove Caisson 48" To 84" Diameter, Complete.....	3,563.76	
02351-0073	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter.....	1,205.84	
02351-0074	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter.....	1,607.79	
02351-0075	EA	Relocate Caisson Equipment To Different Hole On-Site Without Dismantling.....	100.48	
02355		Cofferdam (02350)		
02355-0001		Cofferdam (02355)		
02355-0002	LF	Portable Dam, Up To 10' Head Rental Per Month	59.68	
02400		Shoring (02000)		
02411		Steel Sheet Piling, Driven (02400)		
02411-0001		Standard Carbon Grade Steel Sheet Piling - Pull And Salvage (02411)		
		Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot.		

02000 Site Construction
02400 Shoring
02411 Steel Sheet Piling, Driven



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02411-0002 TON Shoring For 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage.....	1,364.75	
02MOD-0136 For Standard Sheeting Left In Place, Add	881.86	
02MOD-0137 For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,225.23	
02MOD-0138 For High Strength Sheeting 45000 To 50000 PSI Grade, Add	85.84	
02MOD-0139 For High Strength Sheeting 55000 PSI Grade, Add	95.38	
02MOD-0140 For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	295.68	
02MOD-0141 For Each Additional Month > 3 Months, Add	47.69	
02411-0003 TON Shoring For 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage.....	1,412.98	
02MOD-0136 For Standard Sheeting Left In Place, Add	857.74	
02MOD-0137 For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,201.11	
02MOD-0138 For High Strength Sheeting 45000 To 50000 PSI Grade, Add	85.84	
02MOD-0139 For High Strength Sheeting 55000 PSI Grade, Add	95.38	
02MOD-0140 For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	295.68	
02MOD-0141 For Each Additional Month > 3 Months, Add	47.69	
02411-0004 TON Shoring For 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	1,634.82	
02MOD-0136 For Standard Sheeting Left In Place, Add	746.82	
02MOD-0137 For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,090.19	
02MOD-0138 For High Strength Sheeting 45000 To 50000 PSI Grade, Add	85.84	
02MOD-0139 For High Strength Sheeting 55000 PSI Grade, Add	95.38	
02MOD-0140 For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	295.68	
02MOD-0141 For Each Additional Month > 3 Months, Add	47.69	
02411-0005 TON Shoring For 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	1,849.08	
02MOD-0136 For Standard Sheeting Left In Place, Add	639.69	
02MOD-0137 For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	983.06	
02MOD-0138 For High Strength Sheeting 45000 To 50000 PSI Grade, Add	85.84	
02MOD-0139 For High Strength Sheeting 55000 PSI Grade, Add	95.38	
02MOD-0140 For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	295.68	
02MOD-0141 For Each Additional Month > 3 Months, Add	47.69	
02411-0006 TON Shoring For 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	1,975.61	
02MOD-0136 For Standard Sheeting Left In Place, Add	576.43	
02MOD-0137 For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	919.80	
02MOD-0138 For High Strength Sheeting 45000 To 50000 PSI Grade, Add	85.84	
02MOD-0139 For High Strength Sheeting 55000 PSI Grade, Add	95.38	
02MOD-0140 For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	295.68	
02MOD-0141 For Each Additional Month > 3 Months, Add	47.69	
02411-0007 TON Shoring For 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	2,102.48	
02MOD-0136 For Standard Sheeting Left In Place, Add	512.99	
02MOD-0137 For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	856.36	
02MOD-0138 For High Strength Sheeting 45000 To 50000 PSI Grade, Add	85.84	
02MOD-0139 For High Strength Sheeting 55000 PSI Grade, Add	95.38	
02MOD-0140 For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	295.68	
02MOD-0141 For Each Additional Month > 3 Months, Add	47.69	
02411-0008 Steel Shoring Plates (02411)		
02411-0009 EA 1/2" x 12" x 12" Steel Plate For Shoring.....	20.12	
02412 Wood Sheet Piling, Driven (02400)		
Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.		
02412-0001 Pull And Salvage (02412)		
02412-0002 SF Wood Shoring, 8' Deep Excavation, Pull And Salvage	9.47	
02MOD-0142 For Wood Sheeting Left In Place	-0.81	
02412-0003 SF Wood Shoring, 10' Deep Excavation, Pull And Salvage	10.25	
02MOD-0142 For Wood Sheeting Left In Place	-0.95	
02412-0004 SF Wood Shoring, 12' Deep Excavation, Pull And Salvage	11.10	
02MOD-0142 For Wood Sheeting Left In Place	-1.11	
02412-0005 SF Wood Shoring, 14' Deep Excavation, Pull And Salvage	12.01	
02MOD-0142 For Wood Sheeting Left In Place	-1.29	
02412-0006 SF Wood Shoring, 16' Deep Excavation, Pull And Salvage	13.02	
02MOD-0142 For Wood Sheeting Left In Place	-1.49	
02412-0007 SF Wood Shoring, 18' Deep Excavation, Pull And Salvage	14.09	
02MOD-0142 For Wood Sheeting Left In Place	-1.71	
02412-0008 SF Wood Shoring, 20' Deep Excavation, Pull And Salvage	15.28	
02MOD-0142 For Wood Sheeting Left In Place	-1.96	
02414 Bin Type Retaining Wall (02400)		
02414-0001 Vertical Bin Walls (02414)		
Note: Excludes excavation and backfill.		
02414-0002 SF 5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	40.17	
02414-0003 SF 7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	46.59	
02414-0004 SF 9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	54.16	
02414-0005 SF 12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	58.02	
02414-0006 SF 14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	65.11	
02414-0007 SF 16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	68.97	
02414-0008 Battered Bin Walls (02414)		
Note: Excludes excavation and backfill.		
02414-0009 SF 5.5' Battered Bin Retain Wall, Wall Heights To 11'	36.92	
02414-0010 SF 7.7' Battered Bin Retain Wall, Wall Heights 8.33' To 16.33'	39.49	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02414-0011 SF 9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'.....	44.43	
02414-0012 SF 12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'.....	48.93	
02414-0013 SF 14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'.....	57.36	
02414-0014 SF 16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'.....	58.65	

02440 Irrigation Systems (02000)

02441 Underground Irrigation Systems (02440)

02441-0001 Sprinkler Heads (02441)

02441-0002 Spray Sprinkler Heads (02441-0001)

Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.

02441-0003	EA 2" Pop-Up Height, Spray Sprinkler Head.....	21.10	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0004	EA 3" Pop-Up Height, Spray Sprinkler Head.....	21.10	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0005	EA 4" Pop-Up Height, Spray Sprinkler Head.....	21.10	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0006	EA 6" Pop-Up Height, Spray Sprinkler Head.....	26.24	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0007	EA 12" Pop-Up Height, Spray Sprinkler Head.....	31.83	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0008	EA 4" Pop-Up Height, Spray Sprinkler Head With Check Valve.....	22.91	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0009	EA 6" Pop-Up Height, Spray Sprinkler Head With Check Valve.....	30.64	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0010	EA 12" Pop-Up Height, Spray Sprinkler Head With Check Valve.....	34.74	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0011	EA 4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator.....	24.20	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0012	EA 6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator.....	32.99	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0013	EA 12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator.....	36.41	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0014	EA 4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator.....	26.19	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0015	EA 6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator.....	35.31	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	
02441-0016	EA 12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator.....	38.63	7.44
	<i>02MOD-0571 For Rotary Nozzle, Add</i>	3.25	

02441-0017 Gear-Drive, Rotary Sprinkler Heads (02441-0001)

Note: Maximum spacing is equivalent to maximum radius.

02441-0018 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

02441-0019	EA 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head.....	29.92	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
02441-0020	EA 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	32.78	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	

02441-0021 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

02441-0022	EA 12" Pop-Up Height, 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Head.....	59.47	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	
02441-0023	EA 5" Pop-Up Height, 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	45.36	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	
02441-0024	EA 12" Pop-Up Height, 3/4" Inlet, Up To 50' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	62.07	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	

02441-0025 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

02441-0026	EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head.....	30.36	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	
02441-0027	EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head.....	41.88	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	
02441-0028	EA 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head.....	50.68	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	
02441-0029	EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	33.13	7.44
	<i>02MOD-0572 For Non-Potable Cover, Add</i>	2.00	
	<i>02MOD-0573 For Stainless Steel Riser, Add</i>	9.00	

02000 Site Construction
02440 Irrigation Systems
02441 Underground Irrigation Systems



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0030 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	43.69	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0031 EA 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	52.88	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0032 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator.....	36.52	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0033 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator.....	47.47	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0034 EA 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator.....	56.31	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0035 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator.....	39.62	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0036 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator.....	49.67	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0037 EA 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator.....	59.25	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0038 EA Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve.....	32.25	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02441-0039 EA Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator.....	36.52	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02441-0040 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)		
Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
02441-0041 EA 4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head.....	55.52	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02MOD-0574 For Stainless Steel Riser And High Speed Rotor, Add	31.31	
02441-0042 1" Inlet, Up To 70' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)		
Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
02441-0043 EA 5" Pop-Up Height, 1" Inlet, Up To 70' Spacing, Gear-Drive, Rotary Sprinkler Head.....	77.94	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0044 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)		
Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
02441-0045 EA 5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head.....	82.34	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0046 1-1/2" Inlet, Up To 96' Spacing, Gear-Drive, Rotary Sprinkler Heads (02441-0017)		
Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
02441-0047 EA 3" Pop-Up Height, 1-1/2" Inlet, Up To 96' Spacing, Gear-Drive, Rotary Sprinkler Head.....	131.54	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02MOD-0573 For Stainless Steel Riser, Add	9.00	
02441-0048 Impact-Drive Sprinkler Heads (02441-0001)		
Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
02441-0049 EA 1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head.....	38.89	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02441-0050 EA 1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head With Pressure Regulator.....	41.22	7.44
02MOD-0572 For Non-Potable Cover, Add	2.00	
02441-0051 EA 1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head.....	31.01	7.44
02441-0052 EA 1/2" Inlet, Up To 41' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head.....	53.80	7.44
02441-0053 EA 3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head.....	84.77	7.44
02441-0054 EA 1" Inlet, Up To 65' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head.....	215.79	7.44
02441-0055 Electric Remote Control Irrigation Valves (02441)		
02441-0056 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (02441-0055)		
Note: 5 to 125 PSI.		
02441-0057 EA 3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve.....	88.75	31.03
02441-0058 EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve.....	88.75	31.03
02441-0059 EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Angle Valve.....	89.63	31.03



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	02441-0060	0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control <small>(02441-0055)</small> Note: 5 to 125 PSI.		
	02441-0061	EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control.....	90.07	31.03
	02441-0062	EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Angle Valve With Flow Control.....	90.95	31.03
	02441-0063	0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves <small>(02441-0055)</small> Note: 20 to 200 PSI.		
	02441-0064	EA 1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve.....	159.54	31.03
	02441-0065	EA 1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve.....	189.44	31.03
	02441-0066	EA 2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve.....	236.06	31.03
	02441-0067	5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator <small>(02441-0055)</small> Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
	02441-0068	EA 1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator.....	236.33	34.88
	02441-0069	EA 1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator.....	266.23	34.88
	02441-0070	EA 2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator.....	312.84	34.88
	02441-0071	20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve <small>(02441-0055)</small> Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
	02441-0072	EA 1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve.....	269.75	34.88
	02441-0073	EA 1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve.....	314.60	34.88
	02441-0074	EA 2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve.....	356.82	34.88
	02441-0075	5 To 200 GPM, Brass, Electric Remote Control Irrigation Valves <small>(02441-0055)</small> Note: 15 to 200 PSI operating range pressure.		
	02441-0076	EA 3/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	200.31	31.03
	02441-0077	EA 1", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	216.71	31.03
	02441-0078	EA 1-1/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	258.04	31.03
	02441-0079	EA 1-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	280.03	31.03
	02441-0080	EA 2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	334.55	31.03
	02441-0081	EA 2-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	459.97	37.74
	02441-0082	EA 3", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve.....	520.29	41.89
	02441-0083	5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves <small>(02441-0055)</small> Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
	02441-0084	EA 1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve.....	306.25	34.88
	02441-0085	EA 1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve.....	350.22	34.88
	02441-0086	EA 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve.....	369.57	34.88
	02441-0087	EA 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve.....	420.58	34.88
	02441-0088	5 To 200 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator <small>(02441-0055)</small> Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
	02441-0089	EA 3/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	268.46	31.03
	02441-0090	EA 1", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	284.86	31.03
	02441-0091	EA 1-1/4", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	326.20	31.03
	02441-0092	EA 1-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	348.19	31.03
	02441-0093	EA 2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	402.71	31.03
	02441-0094	EA 2-1/2", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	528.13	37.74
	02441-0095	EA 3", 5 To 200 GPM, Brass, Electric Remote Control Irrigation Valve With Pressure Regulator.....	588.45	41.89
	02441-0096	5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator <small>(02441-0055)</small> Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
	02441-0097	EA 1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator.....	374.40	34.88
	02441-0098	EA 1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator.....	418.38	34.88
	02441-0099	EA 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator.....	437.72	34.88
	02441-0100	EA 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator.....	488.73	34.88
	02441-0101	Other Electric Remote Control Valves <small>(02441-0055)</small>		
	02441-0102	EA Remote Control Valve, Rainbird EFB-CP.....	263.24	

02000 Site Construction**02440 Irrigation Systems****02441 Underground Irrigation Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0103		Irrigation Valve Boxes (02441)		
02441-0104	EA	6" Round Irrigation Valve Box.....	54.14	22.34
02441-0105	EA	7" Round Irrigation Valve Box.....	63.72	22.34
02441-0106	EA	10" Round Irrigation Valve Box.....	84.25	29.42
02441-0107	EA	22" x 17" Rectangular Irrigation Valve Box.....	127.69	42.95
02441-0108	EA	26" x 20" Rectangular Irrigation Valve Box.....	154.27	42.95
02441-0109		Irrigation Controllers (02441)		
02441-0110		Irrigation Controllers (02441-0109)		
02441-0111		Two Program, Indoor Mount, Hybrid Irrigation Controllers (02441-0110)		
		Note: Station timing: 0 to 99 minutes. Automatic starts: 3 per day per program. Programming schedule: 2, 3 or 5-day fixed cycle or 7-day variable cycle. Includes plastic indoor cabinet.		
02441-0112	EA	4-Station, Two Program, Indoor Mount, Hybrid Irrigation Controller.....	195.94	25.75
02441-0113	EA	6-Station, Two Program, Indoor Mount, Hybrid Irrigation Controller.....	247.25	25.75
02441-0114	EA	8-Station, Two Program, Indoor Mount, Hybrid Irrigation Controller.....	297.86	25.75
02441-0115		Three Program, Indoor Mount, Modular Irrigation Controllers (02441-0110)		
		Note: Station timing: 0 to 6 hours. Automatic starts: 4 per day per program. Independent programming schedule options variable per program: custom day-of-the-week, odd day watering, even day watering and variable day cycle from 1 to 31 days. Includes plastic indoor cabinet.		
02441-0116		Three Program, Indoor Mount, Modular Irrigation Controllers (02441-0115)		
02441-0117	EA	4-Station, Three Program, Indoor Mount, Modular Irrigation Controller.....	201.57	25.75
		02MOD-0565 For Outdoor Installations, Add	36.55	
02441-0118	EA	7-Station, Three Program, Indoor Mount, Modular Irrigation Controller.....	283.60	25.75
		02MOD-0565 For Outdoor Installations, Add	41.36	
02441-0119	EA	10-Station, Three Program, Indoor Mount, Modular Irrigation Controller.....	365.61	25.75
		02MOD-0565 For Outdoor Installations, Add	46.17	
02441-0120	EA	13-Station, Three Program, Indoor Mount, Modular Irrigation Controller.....	447.64	25.75
		02MOD-0565 For Outdoor Installations, Add	50.98	
02441-0121		Accessories For Three Program Modular Irrigation Controllers (02441-0115)		
02441-0122	EA	3-Station Expansion Module For Three Program Modular Irrigation Controllers.....	133.51	
		Note: Use task for increasing capacity of existing three program modular irrigation controllers up to a maximum of 13-stations.		
02441-0123		Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controllers (02441-0110)		
		Note: Station timing: 0 to 12 hours. Automatic starts: 8 per day per program. Independent programming schedule options variable per program: custom day-of-the-week, odd day watering, even day watering and variable day cycle from 1 to 99 days. Includes powder coated steel wall mount cabinet.		
02441-0124		Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controllers (02441-0123)		
02441-0125	EA	8-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	664.14	25.75
02441-0126	EA	12-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	722.06	25.75
02441-0127	EA	16-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	1,121.54	25.75
02441-0128	EA	24-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	1,237.38	25.75
02441-0129	EA	28-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	1,865.01	25.75
02441-0130	EA	32-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	1,922.93	25.75
02441-0131	EA	36-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	2,477.66	25.75
02441-0132	EA	40-Station, Four Program, Indoor/Outdoor Mount, Hybrid Irrigation Controller.....	2,535.57	25.75
02441-0133		Accessories For Four Program Hybrid Irrigation Controllers (02441-0123)		
02441-0134	EA	Stainless Steel Pedestal For Four Program Hybrid Irrigation Controllers.....	670.74	
		Note: Excludes concrete foundation.		
02441-0135		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (02441-0110)		
		Note: Station timing: 0 to 12 hours. Automatic starts: 8 per day per program. Independent programming schedule options variable per program: custom day-of-the-week, odd day watering, even day watering and variable day cycle from 1 to 31 days. Includes weather-resistant plastic cabinet.		
02441-0136		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (02441-0135)		
02441-0137	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	407.64	25.75
02441-0138	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	510.11	25.75
02441-0139	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	610.57	25.75
02441-0140	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	713.02	25.75
02441-0141	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	813.48	25.75
02441-0142	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	915.96	25.75
02441-0143	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller.....	1,016.40	25.75
02441-0144		Accessories For Four Program Modular Irrigation Controllers (02441-0135)		
02441-0145	EA	Metal Cabinet For Four Program Modular Irrigation Controllers.....	293.86	
02441-0146	EA	Metal Cabinet With Pedestal For Four Program Modular Irrigation Controllers.....	695.04	
		Note: Excludes concrete foundation.		
02441-0147	EA	ET Manager, Weather-Based Irrigation Control Module For Four Program Modular Irrigation Controllers.....	503.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0148 EA Satellite Remote Control Module With RS232 Communication For Four Program Modular Irrigation Controllers.....	585.46	
02441-0149 EA Satellite Remote Control Module With Phone And RS232 Communication For Four Program Modular Irrigation Controllers.....	622.58	
02441-0150 EA 4-Station Expansion Module For Four Program Modular Irrigation Controllers.....	199.01	
Note: Use task for increasing capacity of existing four program modular irrigation controllers up to a maximum of 32-stations.		
02441-0151 EA 8-Station Expansion Module For Four Program Modular Irrigation Controllers.....	344.52	
Note: Use task for increasing capacity of existing four program modular irrigation controllers up to a maximum of 32-stations.		
02441-0152	Three Program, Battery-Operated, Buriable Irrigation Control Modules (02441-0110)	
Note: Station timing: 1 minute to 12 hours. Automatic starts: 8 per day per program. Dependent programming schedule options: odd day watering, odd-31 day watering, even day watering or 1 to 6 day cycles.		
02441-0153	Three Program, Battery-Operated, Buriable Irrigation Control Modules (02441-0152)	
02441-0154 EA 1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module.....	225.05	25.75
02441-0155 EA 2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module.....	298.73	25.75
02441-0156 EA 4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module.....	395.44	25.75
02441-0157	Accessories For Three Program Buriable Irrigation Control Modules (02441-0152)	
02441-0158 EA Field Transmitter For Three Program Buriable Irrigation Control Modules.....	201.82	
02441-0159 EA Potted Latching Solenoid For Three Program Buriable Irrigation Control Modules.....	60.53	19.31
02441-0160	Accessories For Irrigation Controllers (02441-0110)	
02441-0161 EA Wired Rain Sensor For Irrigation Controllers.....	102.24	19.31
02441-0162 EA Automatic Rain Shutoff Sensor For Irrigation Controllers.....	131.56	19.31
Note: Includes adjustable sensing probes.		
02441-0163	Weather-Based Irrigation Management Systems (02441-0109)	
02441-0164	ET Manager, Weather-Based Irrigation Management System (02441-0163)	
Note: ET Managers interface with existing irrigation controllers or two-wire decoder systems. The system receives hourly weather data from local weather station broadcasts via an internal antenna.		
02441-0165 EA ET Manager, Weather-Based Irrigation Management System.....	780.56	25.75
02441-0166 EA 120V AC Transformer For ET Manager, Weather-Based Irrigation Management System.....	45.84	12.87
Note: External antenna for areas with a weak paging signal.		
02441-0167 EA Tipping Rain Gauge For ET Manager, Weather-Based Irrigation Management System.....	216.28	25.75
02441-0168 EA Remote Antenna Kit For ET Manager, Weather-Based Irrigation Management System.....	243.28	28.96
Note: External antenna for areas with a weak paging signal.		
02441-0169 EA Outdoor Enclosure For ET Manager, Weather-Based Irrigation Management System.....	243.30	19.31
02441-0170	Two-Wire Decoder Systems (02441-0109)	
02441-0171	Controllers For Two-Wire Decoder Systems (02441-0170)	
02441-0172 EA 50-Station, Modular Controller For Two-Wire Decoder Systems.....	2,007.73	25.75
Note: Expandable up to 200-stations with expansion modules. Includes water resistant cabinet.		
02441-0173	Field Decoders For Two-Wire Decoder Systems (02441-0170)	
02441-0174 EA One Individual Valve Interface, Field Decoder For Two-Wire Decoder System.....	159.45	25.75
02441-0175 EA One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System.....	201.01	25.75
02441-0176 EA Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System.....	294.74	25.75
02441-0177 EA Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System.....	349.86	25.75
02441-0178 EA Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System.....	561.84	25.75
02441-0179	Accessories For Two-Wire Decoder Systems (02441-0170)	
02441-0180 EA 50-Station, Expansion Module For Two-Wire Decoder Controllers.....	956.62	
Note: Use task for increasing capacity of existing two-wire decoder system controllers up to a maximum of 200-stations.		
02441-0181 EA Line Surge Protection For Two-Wire Decoder Systems.....	121.68	22.53
02441-0182 EA Sensor Decoder Interface For Two-Wire Decoder Systems.....	477.40	25.75
02441-0183	Calsense Controllers (02441-0109)	
02441-0184	Irrigation Controllers (02441-0183)	
02441-0185 EA 6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6).....	1,332.50	64.36
02441-0186 EA 8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8).....	1,712.53	72.40
02441-0187 EA 12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12).....	2,338.91	80.45
02441-0188 EA 16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16).....	2,568.47	80.45
02441-0189 EA 24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24).....	3,032.48	88.50
02441-0190 EA 32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32).....	3,648.37	88.50
02441-0191 EA 40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40).....	4,129.18	96.54
02441-0192 EA 48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48).....	4,616.29	96.54
02441-0193 EA Upgrade Existing Calsense Controller To ET2000E Model (Calsense ET2000E-UPGRADE).....	1,336.86	32.18
02441-0194 EA Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE).....	573.36	32.18

02000 Site Construction**02440 Irrigation Systems****02441 Underground Irrigation Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0195		Irrigation Controller Accessories (02441-0183)		
02441-0196	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	53.75	
02441-0197	EA	Spare Lock For Enclosures (Calsense PAD)	58.23	
02441-0198	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	74.32	8.05
02441-0199	EA	Transformer For Irrigation Controllers (Calsense TR-1)	120.35	32.18
02441-0200	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	293.92	32.18
02441-0201	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	383.50	32.18
		<i>02MOD-0594 For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add</i>	<i>333.64</i>	
02441-0202		Sensors For Irrigation Controllers (02441-0183)		
02441-0203		Flow Sensors (02441-0202)		
02441-0204	EA	1-1/2" PVC Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	667.64	48.27
		<i>02MOD-0591 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-308.28</i>	
02441-0205	EA	2" PVC Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	690.03	48.27
		<i>02MOD-0591 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-330.67</i>	
02441-0206	EA	3" PVC Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	712.43	48.27
		<i>02MOD-0591 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-353.07</i>	
02441-0207	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	795.00	64.36
		<i>02MOD-0590 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-435.42</i>	
02441-0208	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	850.99	64.36
		<i>02MOD-0590 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-491.41</i>	
02441-0209	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	873.39	64.36
		<i>02MOD-0590 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-513.81</i>	
02441-0210	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	1,018.96	64.36
		<i>02MOD-0593 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-531.10</i>	
02441-0211	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX)	781.03	32.18
		Note: For 4" and larger pipe. Excludes pipe saddle.		
		<i>02MOD-0592 For Flow Meter Replacement Insert Only, Deduct</i>	<i>-293.17</i>	
02441-0212		Moisture Sensors (02441-0202)		
02441-0213	EA	Soil Moisture Sensor (Calsense 1000-S)	283.43	24.13
02441-0214		Weather Sensors (02441-0202)		
02441-0215	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	772.60	64.36
02441-0216	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	923.72	128.72
02441-0217	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	1,732.80	96.54
02441-0218		Weather Sensor Accessories (02441-0202)		
02441-0219	EA	Replacement Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	512.28	
02441-0220	EA	Replacement Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	949.00	
02441-0221	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	512.28	32.18
02441-0222	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	1,146.38	32.18
02441-0223		Antennas For Irrigation Controllers (02441-0183)		
		Note: Excludes antenna cable.		
02441-0224	EA	Local Radio Dome Antenna (Calsense LR-DOME)	277.12	32.18
02441-0225	EA	Local Radio Stick Antenna (Calsense LR-STICK)	394.70	32.18
02441-0226	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	459.06	64.36
02441-0227	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	277.12	32.18
02441-0228	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	277.12	32.18
02441-0229	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	277.12	32.18
02441-0230	EA	GPRS Stick Antenna (Calsense GR-STICK)	394.70	32.18
02441-0231	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	277.12	32.18
02441-0232	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	394.70	32.18
02441-0233	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	459.06	64.36
02441-0234	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	277.12	32.18
02441-0235	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	277.12	32.18
02441-0236	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	277.12	32.18
02441-0237	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	277.12	32.18
02441-0238	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	7.26	0.38
02441-0239	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	267.34	16.09
02441-0240	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	439.49	32.18
02441-0241	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	363.94	
02441-0242	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	515.11	
02441-0243	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	380.73	
02441-0244		Pedestals And Enclosures For Irrigation Controllers (02441-0183)		
02441-0245	EA	15 Amp, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	264.51	48.27
02441-0246	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	619.00	80.45
02441-0247	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP)	652.26	32.18
		Note: Includes GFI and receptacle.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0248 EA Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1).....	770.54	24.13
Note: Includes factory installed transient protection board and AC line protection.		
02441-0249 EA Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE).....	2,383.82	24.13
Note: Includes factory installed transient protection board and AC line protection.		
02441-0250 EA Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R).....	2,691.00	24.13
Note: Includes factory installed transient protection board, AC line protection and dome antenna.		
02441-0251 EA Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D).....	3,912.51	48.27
Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.		
02441-0252 EA Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R).....	4,099.57	48.27
Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.		
02441-0253 EA Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM).....	138.25	
02441-0254 EA Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED).....	445.80	
02441-0255 Central Computer For Irrigation Control Systems (02441-0183)		
02441-0256 EA Central Computer For Irrigation Control Systems (Calsense COMP-2).....	3,006.38	
Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.		
02441-0257 EA Command Center Water Management Software For Central Computer (Calsense COMM-1).....	5,307.06	
02441-0258 EA Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5).....	1,024.73	
Note: Package price for up to 5 users. Includes remote communication through internet connection.		
02441-0259 EA >5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10).....	2,004.41	
Note: Package price for 6 to 10 users. Includes remote communication through internet connection.		
02441-0260 EA Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2).....	3,222.79	
02441-0261 EA GPRS Radio For Use At Central Computer (Calsense DTR-G).....	1,924.02	
02441-0262 Data Access Service (02441-0183)		
02441-0263 EA 1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN).....	16.29	
Note: For communication between GPRS unit and up to 2 controllers.		
02441-0264 EA 1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR).....	178.15	
Note: For communication between GPRS unit and up to 2 controllers.		
02441-0265 EA 5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR).....	763.50	
Note: For communication between GPRS unit and up to 2 controllers.		
02441-0266 EA 1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M).....	66.17	
Note: For communication between GPRS unit and multiple controllers.		
02441-0267 EA 1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M).....	712.60	
Note: For communication between GPRS unit and multiple controllers.		
02441-0268 EA 5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M).....	3,054.00	
Note: For communication between GPRS unit and multiple controllers.		
02441-0269 Communication Options For Irrigation Controllers (02441-0183)		
02441-0270 EA FCC License Fee (Calsense).....	118.71	
02441-0271 EA P.C.I.A. And/Or A.P.C.O. Fee (Calsense).....	220.51	
Note: Per frequency or frequency pair.		
02441-0272 EA Hardware Communication Option For Irrigation Controllers (Calsense M).....	590.44	
Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.		
02441-0273 EA Phone Line Communication Option For Irrigation Controllers (Calsense R).....	620.98	
02441-0274 EA Ethernet Communication Option For Irrigation Controllers (Calsense EN).....	620.98	
02441-0275 EA WiFi Communication Option For Irrigation Controllers (Calsense WEN).....	1,272.50	
02441-0276 EA Local Radio Communication Option For Irrigation Controllers (Calsense LR).....	1,618.62	
02441-0277 EA Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR).....	1,618.62	
02441-0278 EA GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR).....	1,618.62	
02441-0279 EA Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM).....	5,191.80	
02441-0280 EA Communication Hub For Irrigation Controllers (Calsense HUB).....	2,009.64	
Note: Accepts up to two communication options. Excludes communication options.		
02441-0281 Retrofit Options For Irrigation Controllers (02441-0183)		
02441-0282 Weather Retrofits For Irrigation Controllers (02441-0281)		
02441-0283 EA Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO).....	812.59	
02441-0284 EA Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO).....	812.59	
02441-0285 EA Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO).....	812.59	
02441-0286 EA Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO).....	812.59	
02441-0287 Phone Communication Retrofits For Irrigation Controllers (02441-0281)		
02441-0288 EA Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO).....	853.31	
02441-0289 EA Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO).....	1,006.01	
02441-0290 EA Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO).....	1,601.54	
02441-0291 Local Radio Communication Retrofits For Irrigation Controllers (02441-0281)		
02441-0292 EA Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO).....	955.11	
02441-0293 EA Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO).....	1,993.47	

02000	Site Construction
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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0294	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO).....	2,583.91	
02441-0295		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers (02441-0281)		
02441-0296	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro).....	955.11	
02441-0297	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO).....	1,993.47	
02441-0298	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO).....	2,583.91	
02441-0299		Ethernet Communication Retrofits For Irrigation Controllers (02441-0281)		
02441-0300	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro).....	955.11	
02441-0301	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO).....	1,006.01	
02441-0302	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO).....	1,601.54	
02441-0303		GPRS Radio Modem Communication Retrofits For Irrigation Controllers (02441-0281)		
02441-0304	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO).....	955.11	
02441-0305	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO).....	1,993.47	
02441-0306	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO).....	2,583.91	
02441-0307		Radio Remote Units For Irrigation Controllers (02441-0183)		
02441-0308	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN).....	960.20	
02441-0309	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR)..... Note: Includes PVC stick antenna. Excludes antenna cable.	201.56	
02441-0310	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG).....	86.53	
02441-0311	EA	Replacement Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT).....	158.61	
02441-0312	EA	PVC Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT)..... Note: Excludes antenna cable.	102.62	8.05
02441-0313	EA	Whip Antenna For Radio Remote Receiver Board (Calsense)..... Note: Excludes antenna cable.	194.24	8.05
02441-0314	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome)..... Note: Excludes antenna cable.	209.51	8.05
02441-0315		Irrigation Valves (02441) See CSI section 02556-0000 for gate and check valves.		
02441-0316		Reduced Pressure Zone Assemblies With QT Shut-Offs (02441-0315) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
02441-0317	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	392.14	25.62
02441-0318	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	465.69	31.28
02441-0319	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	698.85	36.41
02441-0320	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	740.24	41.80
02441-0321	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	890.06	53.93
02441-0322		Brass Quick-Coupling Irrigation Valves (02441-0315)		
02441-0323	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve.....	105.93	22.34
02441-0324	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve..... 02MOD-0570 For Locking Cover, Add 25.00	113.85	22.34
02441-0325	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve.....	151.67	22.34
02441-0326	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve..... 02MOD-0570 For Locking Cover, Add 25.00	171.89	22.34
02441-0327		Anti-Siphon Pressure Type Vacuum Breaker (02441-0315) Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
02441-0328	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker.....	96.73	18.87
02441-0329	EA	1" Anti-Siphon Pressure Type Vacuum Breaker.....	103.49	21.58
02441-0330	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker.....	169.00	24.94
02441-0331	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker.....	205.11	27.64
02441-0332	EA	2" Anti-Siphon Pressure Type Vacuum Breaker.....	221.04	33.70
02441-0333		Irrigation Piping (02441)		
02441-0334	LF	3/4" Class 200 PVC Socketweld Pipe With Fittings.....	1.77	0.78
02441-0335	LF	1" Class 200 PVC Socketweld Pipe With Fittings.....	2.13	0.93
02441-0336	LF	1-1/2" Class 200 PVC Socketweld Pipe With Fittings.....	3.12	1.18
02441-0337	LF	2" Class 200 PVC Socketweld Pipe With Fittings.....	4.07	1.47
02441-0338	LF	2-1/2" Class 200 PVC Socketweld Pipe With Fittings.....	5.06	1.73
02441-0339	LF	1/2" Schedule 40 PVC Pipe With Fittings.....	1.49	0.63



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0340 LF 3/4" Schedule 40 PVC Pipe With Fittings	1.87	0.78
02441-0341 LF 1" Schedule 40 PVC Pipe With Fittings	2.29	0.93
02441-0342 LF 1-1/2" Schedule 40 PVC Pipe With Fitting	3.08	1.18
02441-0343 LF 2" Schedule 40 PVC Pipe With Fittings	3.90	1.47
02441-0344 LF 2-1/2" Schedule 40 PVC Pipe With Fitting	4.94	1.73
02441-0345 LF 3" Schedule 40 PVC Pipe With Fitting	6.89	2.48
02441-0346 LF 1/2" Schedule 80 PVC Pipe With Fittings	1.56	0.63
02441-0347 LF 3/4" Schedule 80 PVC Pipe With Fittings	1.96	0.78
02441-0348 LF 1" Schedule 80 PVC Pipe With Fittings	2.43	0.93
02441-0349 LF 1-1/2" Schedule 80 PVC Pipe With Fitting	3.37	1.18
02441-0350 LF 2" Schedule 80 PVC Pipe With Fittings	4.38	1.47
02441-0351 LF 2-1/2" Schedule 80 PVC Pipe With Fitting	5.56	1.73
02441-0352 LF 3" Schedule 80 PVC Pipe With Fitting	7.76	2.48
02441-0353 LF 1/2" Poly Pipe, 100 PSI, Non NSF	1.18	0.67
02441-0354 LF 3/4" Poly Pipe, 100 PSI, Non NSF	1.25	0.71
02441-0355 LF 1" Poly Pipe, 100 PSI, Non NSF	1.52	0.82
02441-0356 LF 1-1/4" Poly Pipe, 100 PSI, Non NSF	1.90	0.95
02441-0357 LF 1-1/2" Poly Pipe, 100 PSI, Non NSF	2.24	1.07
02441-0358 LF 2" Poly Pipe, 100 PSI, Non NSF	3.00	1.33
02441-0359 LF 3/4" Poly Pipe, 80 PSI, NSF	1.74	0.71
02441-0360 LF 1" Poly Pipe, 80 PSI, NSF	2.11	0.82
02441-0361 LF 1-1/4" Poly Pipe, 80 PSI, NSF	2.78	0.95
02441-0362 LF 1-1/2" Poly Pipe, 80 PSI, NSF	3.35	1.07
02441-0363 LF 2" Poly Pipe, 80 PSI, NSF	4.69	1.33
02441-0364 LF 3/4" Poly Pipe, 100 PSI, NSF, High Density	1.30	0.71
02441-0365 LF 1" Poly Pipe, 100 PSI, NSF, High Density	1.59	0.82
02441-0366 LF 1-1/4" Poly Pipe, 100 PSI, NSF, High Density	1.99	0.95
02441-0367 LF 1-1/2" Poly Pipe, 100 PSI, NSF, High Density	2.39	1.07
02441-0368 LF 2" Poly Pipe, 100 PSI, NSF, High Density	3.23	1.33
02441-0369 LF 2-1/2" Poly Pipe, 100 PSI, NSF, High Density	3.77	1.55
02441-0370 LF 3" Poly Pipe, 100 PSI, NSF, High Density	4.10	1.70
02441-0371 Irrigation Swing Joints (02441)		
02441-0372 EA 3/4" Male NPT, 12" Length, PVC Irrigation Swing Joint.....	90.16	31.03
02441-0373 EA 1" Male NPT, 12" Length, PVC Irrigation Swing Joint.....	94.15	31.03
02441-0374 EA 1" Male NPT, 18" Length, PVC Irrigation Swing Joint.....	96.88	31.03
02441-0375 EA 1-1/2" Male NPT, 12" Length, PVC Irrigation Swing Joint.....	111.40	31.03
02441-0376 EA 3/4" Male NPT, 12" Length, PVC Irrigation Swing Joint With 45 PSI Pressure Regulator	107.74	31.03
02441-0377 EA 1" Male NPT, 12" Length, PVC Irrigation Swing Joint With 70 PSI Pressure Regulator	111.59	31.03
02441-0378 Irrigation Control Wire (02441)		
Note: Excludes excavation and backfill.		
02441-0379 18 AWG, Irrigation Control Wire, Buried In Trench (02441-0378)		
02441-0380 CLF 1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	26.68	9.31
02441-0381 CLF 2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	36.90	10.86
02441-0382 CLF 3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	47.12	12.41
02441-0383 CLF 4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	56.63	13.96
02441-0384 CLF 5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	67.08	15.52
02441-0385 CLF 6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	77.07	17.07
02441-0386 CLF 7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	85.03	18.62
02441-0387 CLF 8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	92.04	20.18
02441-0388 CLF 9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	106.54	21.72
02441-0389 CLF 10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	113.43	23.27
02441-0390 CLF 11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	121.99	24.83
02441-0391 CLF 12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	131.03	26.38
02441-0392 CLF 13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	141.72	27.93
02441-0393 Root Watering Systems (02441)		
Note: Includes swing assembly.		
02441-0394 EA 0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	65.17	12.41
02MOD-0630 For Root Watering Sand Sock, Add	3.17	
02441-0395 EA 0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	70.77	12.41
02MOD-0630 For Root Watering Sand Sock, Add	3.17	
02441-0396 EA 0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	65.17	12.41
02MOD-0630 For Root Watering Sand Sock, Add	3.17	
02441-0397 EA 0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	70.77	12.41
02MOD-0630 For Root Watering Sand Sock, Add	3.17	
02441-0398 EA 1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	70.77	12.41
02MOD-0630 For Root Watering Sand Sock, Add	3.17	
02441-0399 EA 2 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System	70.77	12.41
02MOD-0630 For Root Watering Sand Sock, Add	3.17	
02441-0400 EA 0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	56.51	10.86
02MOD-0630 For Root Watering Sand Sock, Add	2.86	
02441-0401 EA 0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	61.89	10.86
02MOD-0630 For Root Watering Sand Sock, Add	2.86	
02441-0402 EA 0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	56.51	10.86
02MOD-0630 For Root Watering Sand Sock, Add	2.86	

02000 Site Construction**02440 Irrigation Systems****02441 Underground Irrigation Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02441-0403	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System	61.89	10.86
		<i>02MOD-0630 For Root Watering Sand Sock, Add</i>	2.86	
02441-0404	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System	37.13	9.31
		<i>02MOD-0630 For Root Watering Sand Sock, Add</i>	2.56	
02441-0405	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System	42.25	9.31
		<i>02MOD-0630 For Root Watering Sand Sock, Add</i>	2.56	
02442 Drip Emitter Irrigation <small>(02440)</small>				
02442-0001 Drip Emitter Irrigation Devices <small>(02442)</small>				
02442-0002 Drip Emitter Irrigation Valves <small>(02442-0001)</small>				
02442-0003	EA	3/4", Shut-Off Ball Valve For Drip Emitter Irrigation Systems	28.07	6.74
02442-0004	EA	3/4", Check Valve For Drip Emitter Irrigation Systems	35.36	6.74
02442-0005	EA	1", Check Valve For Drip Emitter Irrigation Systems	37.89	6.74
02442-0006	EA	Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems	44.33	6.74
02442-0007	EA	3/4", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	49.29	6.74
02442-0008	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	49.10	6.74
02442-0009	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	47.72	6.74
02442-0010	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems	70.31	6.74
02442-0011 Drip Emitter Irrigation Filters <small>(02442-0001)</small>				
02442-0012	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems	96.76	6.74
02442-0013	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems	97.66	6.74
02442-0014	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems	36.45	6.74
02442-0015	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems	37.18	6.74
02442-0016	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems	105.25	6.74
02442-0017	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems	47.43	6.74
02442-0018	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems	53.14	6.74
02442-0019	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline Back Flush Filter For Drip Emitter Irrigation Systems	57.06	6.74
02442-0020	EA	1" Inlet/Outlet, Pressure Regulating, Inline Back Flush Filter For Drip Emitter Irrigation Systems	63.30	6.74
02442-0021 Drip Emitter Irrigation Pressure Regulators <small>(02442-0001)</small>				
02442-0022	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	35.72	6.74
02442-0023	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	35.72	6.74
02442-0024	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	35.72	6.74
02442-0025	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems	41.72	6.74
02442-0026 Drip Emitter Irrigation Tubing <small>(02442-0001)</small>				
		Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
02442-0027	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters	2.17	0.95
02442-0028	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters	2.44	1.08
02442-0029	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems	2.08	0.95
		<i>02MOD-0576 For Shallow Trenching And Backfill By Hand, Add</i>	3.86	
02442-0030	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems	2.42	1.08
		<i>02MOD-0576 For Shallow Trenching And Backfill By Hand, Add</i>	4.18	
02442-0031 Drip Emitter Irrigation Fittings <small>(02442-0001)</small>				
02442-0032	EA	1/4", Barbed Coupling For Irrigation Tubing	1.80	
02442-0033	EA	1/4", Barbed Elbow For Irrigation Tubing	1.83	
02442-0034	EA	1/4", Barbed Tee For Irrigation Tubing	1.86	
02442-0035	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing	2.08	
02442-0036	EA	1/4", Plug For Irrigation Tubing	1.79	
02442-0037	EA	1/2", Barbed Coupling For Irrigation Tubing	2.14	
		<i>02MOD-0575 For Compression Fitting, Add</i>	0.46	
02442-0038	EA	1/2", Barbed Elbow For Irrigation Tubing	2.15	
		<i>02MOD-0575 For Compression Fitting, Add</i>	0.47	
02442-0039	EA	1/2", Barbed Tee For Irrigation Tubing	2.17	
		<i>02MOD-0575 For Compression Fitting, Add</i>	0.49	
02442-0040	EA	1/2", Barbed Male Adapter For Irrigation Tubing	2.11	
		<i>02MOD-0575 For Compression Fitting, Add</i>	0.43	
02442-0041	EA	1/2", Barbed Cross For Irrigation Tubing	2.20	
		<i>02MOD-0575 For Compression Fitting, Add</i>	0.52	
02442-0042	EA	1/2", Plug For Irrigation Tubing	2.37	
02442-0043	EA	6" Soil Staple For Irrigation Tubing	1.38	
02442-0044 Drip Emitters <small>(02442-0001)</small>				
02442-0045	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems	3.74	
02442-0046	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems	4.63	
02442-0047	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems	9.62	
02442-0048 Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters <small>(02442-0001)</small>				
02442-0049	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems	14.61	6.07
02442-0050	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems	14.65	6.07



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02442-0051 EA 12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems	17.26	6.07
02442-0052 EA 24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems	17.43	6.07
02442-0053 EA 4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems	25.05	7.95
Note: Includes nozzle.		
02442-0054 EA 6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems	27.40	7.95
Note: Includes nozzle.		
02442-0055 EA 12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems	28.96	7.95
Note: Includes nozzle.		

02450 Utility Pipelines (02000)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 02215-0000 for excavation and backfill.

02452 Reinforced Concrete Pipe (02450)

02452-0001 Class III Reinforced Concrete Pipe Without Gaskets (02452)

02452-0002 LF 12" Diameter Class III Concrete Pipe Reinforced Without Gaskets	30.41	11.18
02MOD-0143 For > 1000, Deduct	-0.68	
02MOD-0144 For Class 4, Add	1.29	
02MOD-0145 For Class 5, Add	4.09	
02452-0003 LF 15" Diameter Class III Concrete Pipe Reinforced Without Gaskets	36.12	12.58
02MOD-0143 For > 1000, Deduct	-0.87	
02MOD-0144 For Class 4, Add	1.66	
02MOD-0145 For Class 5, Add	5.24	
02452-0004 LF 18" Diameter Class III Concrete Pipe Reinforced Without Gaskets	41.63	16.07
02MOD-0143 For > 1000, Deduct	-0.92	
02MOD-0144 For Class 4, Add	1.74	
02MOD-0145 For Class 5, Add	5.51	
02452-0005 LF 21" Diameter Class III Concrete Pipe Reinforced Without Gaskets	53.22	20.62
02MOD-0143 For > 1000, Deduct	-1.19	
02MOD-0144 For Class 4, Add	2.27	
02MOD-0145 For Class 5, Add	7.16	
02452-0006 LF 24" Diameter Class III Concrete Pipe Reinforced Without Gaskets	62.65	25.16
02MOD-0143 For > 1000, Deduct	-1.35	
02MOD-0144 For Class 4, Add	2.57	
02MOD-0145 For Class 5, Add	8.10	

02452-0007 HE-I Elliptical Reinforced Concrete Pipe Without Gaskets (02452)

02452-0008 LF 18" x 12" Elliptical Reinforced Concrete Pipe Without Gaskets (15" Diameter Equivalent Round Size)	43.34	14.32
02MOD-0143 For > 1000, Deduct	-1.12	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	2.24	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	4.93	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	10.76	
02452-0009 LF 23" x 14" Elliptical Reinforced Concrete Pipe Without Gaskets (18" Diameter Equivalent Round Size)	61.07	16.46
02MOD-0143 For > 1000, Deduct	-1.86	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	3.72	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	8.19	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	17.88	
02452-0010 LF 30" x 19" Elliptical Reinforced Concrete Pipe Without Gaskets (24" Diameter Equivalent Round Size)	92.67	31.59
02MOD-0143 For > 1000, Deduct	-2.35	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	4.70	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	10.33	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	22.54	
02452-0011 LF 34" x 22" Elliptical Reinforced Concrete Pipe Without Gaskets (27" Diameter Equivalent Round Size)	116.06	41.12
02MOD-0143 For > 1000, Deduct	-2.83	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	5.66	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	12.45	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	27.15	
02452-0012 LF 38" x 24" Elliptical Reinforced Concrete Pipe Without Gaskets (30" Diameter Equivalent Round Size)	136.95	48.98
02MOD-0143 For > 1000, Deduct	-3.30	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	6.60	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	14.52	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	31.68	
02452-0013 LF 42" x 27" Elliptical Reinforced Concrete Pipe Without Gaskets (33" Diameter Equivalent Round Size)	149.82	51.81
02MOD-0143 For > 1000, Deduct	-3.74	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	7.48	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	16.46	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	35.90	
02452-0014 LF 45" x 29" Elliptical Reinforced Concrete Pipe Without Gaskets (36" Diameter Equivalent Round Size)	162.83	54.64
02MOD-0143 For > 1000, Deduct	-4.19	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	8.37	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	18.42	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	40.20	
02452-0015 LF 53" x 34" Elliptical Reinforced Concrete Pipe Without Gaskets (42" Diameter Equivalent Round Size)	196.45	64.92
02MOD-0143 For > 1000, Deduct	-5.12	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	10.25	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	22.54	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	49.18	
02452-0016 LF 60" x 38" Elliptical Reinforced Concrete Pipe Without Gaskets (48" Diameter Equivalent Round Size)	234.08	74.76
02MOD-0143 For > 1000, Deduct	-6.29	
02MOD-0642 For Horizontal Elliptical - II (HE- II), Add	12.58	
02MOD-0643 For Horizontal Elliptical - III (HE- III), Add	27.68	
02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add	60.40	

02000 Site Construction**02450 Utility Pipelines****02452 Reinforced Concrete Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02452-0017	LF	68" x 43" Elliptical Reinforced Concrete Pipe Without Gaskets (54" Diameter Equivalent Round Size)	291.12	92.02
		<i>02MOD-0143 For > 1000, Deduct</i>	-7.90	
		<i>02MOD-0642 For Horizontal Elliptical - II (HE- II), Add</i>	15.79	
		<i>02MOD-0643 For Horizontal Elliptical - III (HE- III), Add</i>	34.74	
		<i>02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add</i>	75.79	
02452-0018	LF	76" x 48" Elliptical Reinforced Concrete Pipe Without Gaskets (60" Diameter Equivalent Round Size)	346.80	109.25
		<i>02MOD-0143 For > 1000, Deduct</i>	-9.43	
		<i>02MOD-0642 For Horizontal Elliptical - II (HE- II), Add</i>	18.86	
		<i>02MOD-0643 For Horizontal Elliptical - III (HE- III), Add</i>	41.49	
		<i>02MOD-0644 For Horizontal Elliptical - IV (HE- IV), Add</i>	90.53	
02452-0019		Concrete Reducing Wye Without Gaskets <i>(02452)</i>		
02452-0020	EA	12" Concrete Reducing Wye Without Gaskets.....	334.16	44.73
02452-0021	EA	15" Concrete Reducing Wye Without Gaskets.....	401.09	54.51
02452-0022	EA	18" Concrete Reducing Wye Without Gaskets.....	492.89	60.11
02452-0023	EA	21" Concrete Reducing Wye Without Gaskets.....	567.71	74.08
02452-0024	EA	24" Concrete Reducing Wye Without Gaskets.....	643.66	89.46
02452-0025		Concrete Pipe Joint Gaskets <i>(02452)</i>		
02452-0026	EA	12" Diameter Concrete Pipe Joint Gasket.....	3.02	
02452-0027	EA	15" Diameter Concrete Pipe Joint Gasket.....	3.58	
02452-0028	EA	18" Diameter Concrete Pipe Joint Gasket.....	4.14	
02452-0029	EA	21" Diameter Concrete Pipe Joint Gasket.....	5.01	
02452-0030	EA	24" Diameter Concrete Pipe Joint Gasket.....	5.87	
02452-0031		Prefabricated Surface Drain <i>(02452)</i>		
02452-0032	LF	16" x 36" Flat Drain, Concrete NR	32.01	
02452-0033	LF	16" x 36" Flat Drain, Concrete R.....	32.55	
02452-0034	LF	12" x 48" Half Round Drain, Concrete NR	46.17	
02452-0035	LF	12" x 48" Half Round Drain, Concrete R.....	47.17	
02452-0036	LF	14" x 36" Half Round Drain, Concrete NR	47.14	
02452-0037	LF	14" x 36" Half Round Drain, Concrete R.....	47.86	
02452-0038	LF	13" x 36" Concrete Liner.....	31.15	
02452-0039		Precast Concrete End Sections <i>(02452)</i>		
02452-0040		Precast Concrete End Sections <i>(02452-0039)</i>		
02452-0041	EA	12" Diameter Pipe Precast Concrete End Section.....	408.65	81.98
02452-0042	EA	15" Diameter Pipe Precast Concrete End Section.....	525.87	88.55
02452-0043	EA	18" Diameter Pipe Precast Concrete End Section.....	615.86	89.39
02452-0044	EA	21" Diameter Pipe Precast Concrete End Section.....	698.05	101.55
02452-0045	EA	24" Diameter Pipe Precast Concrete End Section.....	730.58	111.68
02452-0046		Round Flared Precast Concrete End Sections <i>(02452-0039)</i>		
02452-0047	EA	12" Round Flared Precast Concrete End Section	505.10	85.55
02452-0048	EA	15" Round Flared Precast Concrete End Section	609.19	106.63
02452-0049	EA	18" Round Flared Precast Concrete End Section.....	741.36	134.98
02452-0050	EA	21" Round Flared Precast Concrete End Section.....	849.41	161.42
02452-0051	EA	24" Round Flared Precast Concrete End Section.....	1,033.24	186.83
02452-0052		Elliptical Precast Concrete End Sections <i>(02452-0039)</i>		
02452-0053	EA	18" x 12" Elliptical End Section Precast.....	721.47	106.63
02452-0054	EA	23" x 14" Elliptical Precast Concrete End Section.....	876.03	134.98
02452-0055	EA	24" x 18" Elliptical Precast Concrete End Section.....	1,001.18	161.42
02452-0056	EA	30" x 19" Elliptical Precast Concrete End Section.....	1,221.42	186.83
02452-0057	EA	34" x 22" Elliptical Precast Concrete End Section.....	1,474.72	298.38
02452-0058	EA	38" x 24" Elliptical Precast Concrete End Section.....	1,536.67	410.81
02452-0059	EA	42" x 27" Elliptical Precast Concrete End Section.....	1,806.01	464.86
02452-0060	EA	45" x 29" Elliptical Precast Concrete End Section.....	2,075.36	518.47
02452-0061	EA	53" x 34" Elliptical Precast Concrete End Section.....	2,491.05	650.51
02452-0062	EA	60" x 38" Elliptical Precast Concrete End Section.....	2,696.15	733.64
02452-0063	EA	68" x 43" Elliptical Precast Concrete End Section.....	3,015.69	821.69
02452-0064	EA	76" x 48" Elliptical Precast Concrete End Section.....	3,341.31	912.69
02453		Prestressed Concrete Cylinder Pipe (PCCP) <i>(02450)</i>		
02453-0001		150 PSI With Gaskets <i>(02453)</i>		
02453-0002		Pipe <i>(02453-0001)</i>		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) > 48".		
02453-0003	LF	12" Prestressed Concrete Pipe 150 PSI	72.70	11.18
		<i>02MOD-0146 For > 1000, Deduct</i>	-2.94	
		<i>02MOD-0147 For 100 PSI, Deduct</i>	-14.68	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02453-0004	LF 15" Prestressed Concrete Pipe 150 PSI..... <i>02MOD-0146 For > 1000, Deduct</i> <i>02MOD-0147 For 100 PSI, Deduct</i>	78.12 -3.11 -15.53	12.58
02453-0005	LF 18" Prestressed Concrete Pipe 150 PSI..... <i>02MOD-0146 For > 1000, Deduct</i> <i>02MOD-0147 For 100 PSI, Deduct</i>	85.46 -3.28 -16.38	16.07
02453-0006	LF 21" Prestressed Concrete Pipe 150 PSI..... <i>02MOD-0146 For > 1000, Deduct</i> <i>02MOD-0147 For 100 PSI, Deduct</i>	94.08 -3.45 -17.23	20.62
02453-0007	LF 24" Prestressed Concrete Pipe 150 PSI..... <i>02MOD-0146 For > 1000, Deduct</i> <i>02MOD-0147 For 100 PSI, Deduct</i>	101.08 -3.62 -18.08	25.16
02453-0008	90 Degree Elbows <small>(02453-0001)</small>		
02453-0009	EA 12" 90 Degree Concrete Elbow 150 PSI.....	298.97	110.07
02453-0010	EA 15" 90 Degree Concrete Elbow 150 PSI.....	416.50	157.25
02453-0011	EA 18" 90 Degree Concrete Elbow 150 PSI.....	539.88	209.66
02453-0012	EA 21" 90 Degree Concrete Elbow 150 PSI.....	663.26	262.09
02453-0013	EA 24" 90 Degree Concrete Elbow 150 PSI.....	809.69	325.68
02453-0014	EA 30" 90 Degree Concrete Elbow 150 PSI.....	1,031.27	436.81
02453-0015	EA 42" 90 Degree Concrete Elbow 150 PSI.....	1,485.87	599.98
02453-0016	EA 54" 90 Degree Concrete Elbow 150 PSI.....	2,071.56	855.55
02453-0017	45 Degree Elbows <small>(02453-0001)</small>		
02453-0018	EA 12" 45 Degree Concrete Elbow 150 PSI.....	283.20	110.07
02453-0019	EA 15" 45 Degree Concrete Elbow 150 PSI.....	396.10	157.25
02453-0020	EA 18" 45 Degree Concrete Elbow 150 PSI.....	515.77	209.66
02453-0021	EA 21" 45 Degree Concrete Elbow 150 PSI.....	635.44	262.09
02453-0022	EA 24" 45 Degree Concrete Elbow 150 PSI.....	778.16	325.68
02453-0023	EA 30" 45 Degree Concrete Elbow 150 PSI.....	987.99	407.45
02453-0024	EA 42" 45 Degree Concrete Elbow 150 PSI.....	1,428.69	599.98
02453-0025	EA 54" 45 Degree Concrete Elbow 150 PSI.....	1,977.43	855.55
02455	Ductile Iron Pipe <small>(02450)</small>		
02455-0001	Flanged Mechanical Joint <small>(02455)</small> Note: Gaskets, glands, strapping and bolts for mechanical joint pipe and fittings are furnished (included with fitting or pipe) in sufficient quantities to provide for each socket opening on pipe and fittings. Accessories conform to applicable requirements of ANSI/AWWA C111/A21.11. Cement lining and bituminous coating shall conform to ANSI A21.4.		
02455-0002	Pipe <small>(02455-0001)</small> Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.		
02455-0003	LF 4" Diameter Mechanical Joint, Ductile Iron Pipe..... <i>02MOD-0150 For Cement Lining, Add</i> Note: ANSI/AWWA C104/A21.4 <i>02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>02MOD-0152 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add</i> <i>02MOD-0153 For > 1000, Deduct</i> <i>02MOD-0154 For Class 51, Add</i> <i>02MOD-0155 For Class 52, Add</i> <i>02MOD-0156 For Class 53, Add</i> <i>02MOD-0157 For Class 54, Add</i> <i>02MOD-0158 For Class 55, Add</i> <i>02MOD-0159 For Class 56, Add</i>	29.96 1.60 1.20 11.19 -0.80 1.49 3.22 4.89 6.56 8.19 10.23	9.22
02455-0004	LF 6" Diameter Mechanical Joint, Ductile Iron Pipe..... <i>02MOD-0150 For Cement Lining, Add</i> Note: ANSI/AWWA C104/A21.4 <i>02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>02MOD-0152 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add</i> <i>02MOD-0153 For > 1000, Deduct</i> <i>02MOD-0154 For Class 51, Add</i> <i>02MOD-0155 For Class 52, Add</i> <i>02MOD-0156 For Class 53, Add</i> <i>02MOD-0157 For Class 54, Add</i> <i>02MOD-0158 For Class 55, Add</i> <i>02MOD-0159 For Class 56, Add</i>	30.62 1.67 1.25 11.66 -0.83 1.55 3.34 5.07 6.80 8.49 10.60	9.22
02455-0005	LF 8" Diameter Mechanical Joint, Ductile Iron Pipe..... <i>02MOD-0150 For Cement Lining, Add</i> Note: ANSI/AWWA C104/A21.4 <i>02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51 <i>02MOD-0152 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add</i> <i>02MOD-0153 For > 1000, Deduct</i> <i>02MOD-0154 For Class 51, Add</i> <i>02MOD-0155 For Class 52, Add</i> <i>02MOD-0156 For Class 53, Add</i> <i>02MOD-0157 For Class 54, Add</i> <i>02MOD-0158 For Class 55, Add</i> <i>02MOD-0159 For Class 56, Add</i>	36.54 2.13 1.60 14.91 -1.07 1.95 4.21 6.38 8.57 10.69 13.37	10.06

02000 Site Construction**02450 Utility Pipelines****02455 Ductile Iron Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0006	LF	10" Diameter Mechanical Joint, Ductile Iron Pipe	49.25	14.21
		02MOD-0148 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	16.63	
		02MOD-0150 For Cement Lining, Add	2.77	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.08	
		Note: ANSI/AWWA C151/A21.51		
		02MOD-0153 For > 1000, Deduct	-1.39	
		02MOD-0154 For Class 51, Add	2.55	
		02MOD-0155 For Class 52, Add	5.52	
		02MOD-0156 For Class 53, Add	8.37	
		02MOD-0157 For Class 54, Add	11.24	
		02MOD-0158 For Class 55, Add	14.02	
		02MOD-0159 For Class 56, Add	17.52	
02455-0007	LF	12" Diameter Mechanical Joint, Ductile Iron Pipe	59.33	15.80
		02MOD-0149 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	17.70	
		02MOD-0150 For Cement Lining, Add	3.54	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.65	
		Note: ANSI/AWWA C151/A21.51		
		02MOD-0153 For > 1000, Deduct	-1.77	
		02MOD-0154 For Class 51, Add	3.22	
		02MOD-0155 For Class 52, Add	6.96	
		02MOD-0156 For Class 53, Add	10.55	
		02MOD-0157 For Class 54, Add	14.17	
		02MOD-0158 For Class 55, Add	17.68	
		02MOD-0159 For Class 56, Add	22.11	
02455-0008		90 Degree Elbow (02455-0001)		
02455-0009	EA	4" Diameter Mechanical Joint, 90 Degree Ductile Iron Elbow	314.70	32.69
		02MOD-0150 For Cement Lining, Add	26.52	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.89	
		Note: ANSI/AWWA C151/A21.51		
02455-0010	EA	6" Diameter Mechanical Joint, 90 Degree Ductile Iron Elbow	429.77	48.31
		02MOD-0150 For Cement Lining, Add	35.66	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.75	
		Note: ANSI/AWWA C151/A21.51		
02455-0011	EA	8" Diameter Mechanical Joint, 90 Degree Ductile Iron Elbow	589.78	57.31
		02MOD-0150 For Cement Lining, Add	50.29	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.72	
		Note: ANSI/AWWA C151/A21.51		
02455-0012	EA	10" Diameter Mechanical Joint, 90 Degree Ductile Iron Elbow	891.03	63.05
		02MOD-0150 For Cement Lining, Add	79.55	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	59.66	
		Note: ANSI/AWWA C151/A21.51		
02455-0013	EA	12" Diameter Mechanical Joint, 90 Degree Ductile Iron Elbow	1,200.14	73.97
		02MOD-0150 For Cement Lining, Add	108.81	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	81.61	
		Note: ANSI/AWWA C151/A21.51		
02455-0014		45 Degree Elbow (02455-0001)		
02455-0015	EA	4" Diameter Mechanical Joint, 45 Degree Ductile Iron Elbow	298.24	32.69
		02MOD-0150 For Cement Lining, Add	24.87	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.65	
		Note: ANSI/AWWA C151/A21.51		
02455-0016	EA	6" Diameter Mechanical Joint, 45 Degree Ductile Iron Elbow	347.48	48.31
		02MOD-0150 For Cement Lining, Add	27.43	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.57	
		Note: ANSI/AWWA C151/A21.51		
02455-0017	EA	8" Diameter Mechanical Joint, 45 Degree Ductile Iron Elbow	470.83	57.31
		02MOD-0150 For Cement Lining, Add	38.40	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.80	
		Note: ANSI/AWWA C151/A21.51		
02455-0018	EA	10" Diameter Mechanical Joint, 45 Degree Ductile Iron Elbow	590.20	63.05
		02MOD-0150 For Cement Lining, Add	49.47	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.10	
		Note: ANSI/AWWA C151/A21.51		
02455-0019	EA	12" Diameter Mechanical Joint, 45 Degree Ductile Iron Elbow	788.67	73.97
		02MOD-0150 For Cement Lining, Add	67.67	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.75	
		Note: ANSI/AWWA C151/A21.51		
02455-0020		22-1/2 Degree Elbow (02455-0001)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0021 EA 4" Diameter Mechanical Joint, 22-1/2 Degree Ductile Iron Elbow.....	318.53	32.69
02MOD-0150 For Cement Lining, Add	26.90	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.18	
Note: ANSI/AWWA C151/A21.51		
02455-0022 EA 6" Diameter Mechanical Joint, 22-1/2 Degree Ductile Iron Elbow.....	378.14	48.31
02MOD-0150 For Cement Lining, Add	30.50	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.87	
Note: ANSI/AWWA C151/A21.51		
02455-0023 EA 8" Diameter Mechanical Joint, 22-1/2 Degree Ductile Iron Elbow.....	462.01	57.31
02MOD-0150 For Cement Lining, Add	37.51	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.14	
Note: ANSI/AWWA C151/A21.51		
02455-0024 EA 10" Diameter Mechanical Joint, 22-1/2 Degree Ductile Iron Elbow.....	540.74	63.05
02MOD-0150 For Cement Lining, Add	44.52	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	33.39	
Note: ANSI/AWWA C151/A21.51		
02455-0025 EA 12" Diameter Mechanical Joint, 22-1/2 Degree Ductile Iron Elbow.....	721.00	73.97
02MOD-0150 For Cement Lining, Add	60.90	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	45.67	
Note: ANSI/AWWA C151/A21.51		
02455-0026 Mechanical Joint Tee (02455-0001)		
02455-0027 EA 4" x 3" Mechanical Joint Ductile Iron Tee.....	348.53	48.31
02MOD-0150 For Cement Lining, Add	27.54	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.65	
Note: ANSI/AWWA C151/A21.51		
02455-0028 EA 4" x 4" Mechanical Joint Ductile Iron Tee.....	365.76	48.31
02MOD-0150 For Cement Lining, Add	29.26	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.95	
Note: ANSI/AWWA C151/A21.51		
02455-0029 EA 6" x 3" Mechanical Joint Ductile Iron Tee.....	439.78	70.94
02MOD-0150 For Cement Lining, Add	33.23	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.93	
Note: ANSI/AWWA C151/A21.51		
02455-0030 EA 6" x 4" Mechanical Joint Ductile Iron Tee.....	455.38	70.94
02MOD-0150 For Cement Lining, Add	34.79	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.10	
Note: ANSI/AWWA C151/A21.51		
02455-0031 EA 6" x 6" Mechanical Joint Ductile Iron Tee.....	496.97	70.94
02MOD-0150 For Cement Lining, Add	38.95	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.21	
Note: ANSI/AWWA C151/A21.51		
02455-0032 EA 8" x 4" Mechanical Joint Ductile Iron Tee.....	485.56	86.03
02MOD-0150 For Cement Lining, Add	35.52	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.64	
Note: ANSI/AWWA C151/A21.51		
02455-0033 EA 8" x 6" Mechanical Joint Ductile Iron Tee.....	529.99	86.03
02MOD-0150 For Cement Lining, Add	39.97	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.97	
Note: ANSI/AWWA C151/A21.51		
02455-0034 EA 8" x 8" Mechanical Joint Ductile Iron Tee.....	558.26	86.03
02MOD-0150 For Cement Lining, Add	42.79	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.09	
Note: ANSI/AWWA C151/A21.51		
02455-0035 EA 10" x 4" Mechanical Joint Ductile Iron Tee.....	598.79	94.79
02MOD-0150 For Cement Lining, Add	45.52	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.14	
Note: ANSI/AWWA C151/A21.51		
02455-0036 EA 10" x 6" Mechanical Joint Ductile Iron Tee.....	625.13	94.79
02MOD-0150 For Cement Lining, Add	48.15	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	36.11	
Note: ANSI/AWWA C151/A21.51		
02455-0037 EA 10" x 8" Mechanical Joint Ductile Iron Tee.....	643.93	94.79
02MOD-0150 For Cement Lining, Add	50.03	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.52	
Note: ANSI/AWWA C151/A21.51		

02000 Site Construction**02450 Utility Pipelines****02455 Ductile Iron Pipe**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0038 EA 10" x 10" Mechanical Joint Ductile Iron Tee.....	700.36	94.79
02MOD-0150 For Cement Lining, Add	55.67	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	41.76	
Note: ANSI/AWWA C151/A21.51		
02455-0039 EA 12" x 4" Mechanical Joint Ductile Iron Tee.....	735.77	110.45
02MOD-0150 For Cement Lining, Add	56.85	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	42.63	
Note: ANSI/AWWA C151/A21.51		
02455-0040 EA 12" x 6" Mechanical Joint Ductile Iron Tee.....	735.97	109.01
02MOD-0150 For Cement Lining, Add	57.08	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	42.81	
Note: ANSI/AWWA C151/A21.51		
02455-0041 EA 12" x 8" Mechanical Joint Ductile Iron Tee.....	747.29	109.01
02MOD-0150 For Cement Lining, Add	58.21	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.66	
Note: ANSI/AWWA C151/A21.51		
02455-0042 EA 12" x 10" Mechanical Joint Ductile Iron Tee.....	831.18	109.01
02MOD-0150 For Cement Lining, Add	66.60	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	49.95	
Note: ANSI/AWWA C151/A21.51		
02455-0043 EA 12" x 12" Mechanical Joint Ductile Iron Tee.....	909.99	109.01
02MOD-0150 For Cement Lining, Add	74.48	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	55.86	
Note: ANSI/AWWA C151/A21.51		
02455-0044 Mechanical Joint Cross (02455-0001)		
02455-0045 EA 4" x 3" Mechanical Joint Ductile Iron Cross	335.97	60.35
02MOD-0150 For Cement Lining, Add	24.45	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.34	
Note: ANSI/AWWA C151/A21.51		
02455-0046 EA 4" x 4" Mechanical Joint Ductile Iron Cross	481.18	60.35
02MOD-0150 For Cement Lining, Add	38.97	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.23	
Note: ANSI/AWWA C151/A21.51		
02455-0047 EA 6" x 3" Mechanical Joint Ductile Iron Cross	580.29	100.59
02MOD-0150 For Cement Lining, Add	42.79	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.09	
Note: ANSI/AWWA C151/A21.51		
02455-0048 EA 6" x 4" Mechanical Joint Ductile Iron Cross	603.03	100.59
02MOD-0150 For Cement Lining, Add	45.06	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	33.80	
Note: ANSI/AWWA C151/A21.51		
02455-0049 EA 6" x 6" Mechanical Joint Ductile Iron Cross	625.75	100.59
02MOD-0150 For Cement Lining, Add	47.34	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	35.50	
Note: ANSI/AWWA C151/A21.51		
02455-0050 EA 8" x 4" Mechanical Joint Ductile Iron Cross	607.25	115.68
02MOD-0150 For Cement Lining, Add	43.20	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.40	
Note: ANSI/AWWA C151/A21.51		
02455-0051 EA 8" x 6" Mechanical Joint Ductile Iron Cross	704.15	115.68
02MOD-0150 For Cement Lining, Add	52.89	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.66	
Note: ANSI/AWWA C151/A21.51		
02455-0052 EA 8" x 8" Mechanical Joint Ductile Iron Cross	791.54	115.68
02MOD-0150 For Cement Lining, Add	61.63	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	46.22	
Note: ANSI/AWWA C151/A21.51		
02455-0053 EA 10" x 4" Mechanical Joint Ductile Iron Cross.....	774.60	126.38
02MOD-0150 For Cement Lining, Add	58.31	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.73	
Note: ANSI/AWWA C151/A21.51		
02455-0054 EA 10" x 6" Mechanical Joint Ductile Iron Cross.....	774.60	126.38
02MOD-0150 For Cement Lining, Add	58.31	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.73	
Note: ANSI/AWWA C151/A21.51		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0055 EA 10" x 8" Mechanical Joint Ductile Iron Cross	825.66	126.38
02MOD-0150 For Cement Lining, Add	63.41	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	47.56	
Note: ANSI/AWWA C151/A21.51		
02455-0056 EA 10" x 10" Mechanical Joint Ductile Iron Cross	956.66	126.38
02MOD-0150 For Cement Lining, Add	76.51	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.38	
Note: ANSI/AWWA C151/A21.51		
02455-0057 EA 12 x 4" Mechanical Joint Ductile Iron Cross.....	885.03	142.19
02MOD-0150 For Cement Lining, Add	66.96	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.22	
Note: ANSI/AWWA C151/A21.51		
02455-0058 EA 12" x 6" Mechanical Joint Ductile Iron Cross	952.75	142.19
02MOD-0150 For Cement Lining, Add	73.73	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	55.30	
Note: ANSI/AWWA C151/A21.51		
02455-0059 EA 12" x 8" Mechanical Joint Ductile Iron Cross	979.07	142.19
02MOD-0150 For Cement Lining, Add	76.36	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.27	
Note: ANSI/AWWA C151/A21.51		
02455-0060 EA 12" x 10" Mechanical Joint Ductile Iron Cross	1,125.80	142.19
02MOD-0150 For Cement Lining, Add	91.04	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	68.28	
Note: ANSI/AWWA C151/A21.51		
02455-0061 EA 12" x 12" Mechanical Joint Ductile Iron Cross	1,175.97	142.19
02MOD-0150 For Cement Lining, Add	96.05	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	72.04	
Note: ANSI/AWWA C151/A21.51		
02455-0062 Reducers - Mechanical Joint X Mechanical Joint <small>(02455-0001)</small>		
02455-0063 EA 6" x 3" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	237.78	45.72
02MOD-0150 For Cement Lining, Add	17.30	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.98	
Note: ANSI/AWWA C151/A21.51		
02455-0064 EA 6" x 4" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	246.16	48.31
02MOD-0150 For Cement Lining, Add	17.30	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.98	
Note: ANSI/AWWA C151/A21.51		
02455-0065 EA 8" x 4" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	289.27	60.96
02MOD-0150 For Cement Lining, Add	19.78	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.84	
Note: ANSI/AWWA C151/A21.51		
02455-0066 EA 8" x 6" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	308.76	60.96
02MOD-0150 For Cement Lining, Add	21.73	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.30	
Note: ANSI/AWWA C151/A21.51		
02455-0067 EA 10" x 4" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	321.22	63.05
02MOD-0150 For Cement Lining, Add	22.57	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.93	
Note: ANSI/AWWA C151/A21.51		
02455-0068 EA 10" x 6" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	343.79	63.05
02MOD-0150 For Cement Lining, Add	24.83	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.62	
Note: ANSI/AWWA C151/A21.51		
02455-0069 EA 10" x 8" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	370.11	63.05
02MOD-0150 For Cement Lining, Add	27.46	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.60	
Note: ANSI/AWWA C151/A21.51		
02455-0070 EA 12" x 4" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	409.20	73.97
02MOD-0150 For Cement Lining, Add	29.72	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.29	
Note: ANSI/AWWA C151/A21.51		
02455-0071 EA 12" x 6" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	424.26	73.97
02MOD-0150 For Cement Lining, Add	31.22	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.42	
Note: ANSI/AWWA C151/A21.51		

02000 Site Construction**02450 Utility Pipelines****02455 Ductile Iron Pipe**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0072 EA 12" x 8" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	446.83	73.97
02MOD-0150 For Cement Lining, Add	33.48	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.11	
Note: ANSI/AWWA C151/A21.51		
02455-0073 EA 12" x 10" Mechanical Joint Ductile Iron Reducer, Mechanical Joint X Mechanical Joint.....	480.66	73.97
02MOD-0150 For Cement Lining, Add	36.86	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.65	
Note: ANSI/AWWA C151/A21.51		
02455-0074 Mechanical Joint; Sleeves And Adapters (02455-0001)		
02455-0075 Solid Sleeves Mechanical Joint X Mechanical Joint (02455-0074)		
02455-0076 EA 4" Diameter Mechanical Joint Ductile Iron Solid Sleeve Mechanical Joint X Mechanical Joint.....	402.74	110.65
02MOD-0150 For Cement Lining, Add	23.51	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.63	
Note: ANSI/AWWA C151/A21.51		
02455-0077 EA 6" Diameter Mechanical Joint Ductile Iron Solid Sleeve Mechanical Joint X Mechanical Joint.....	479.37	138.31
02MOD-0150 For Cement Lining, Add	26.98	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.24	
Note: ANSI/AWWA C151/A21.51		
02455-0078 EA 8" Diameter Mechanical Joint Ductile Iron Solid Sleeve Mechanical Joint X Mechanical Joint.....	592.13	158.05
02MOD-0150 For Cement Lining, Add	35.26	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.45	
Note: ANSI/AWWA C151/A21.51		
02455-0079 EA 10" Diameter Mechanical Joint Ductile Iron Solid Sleeve Mechanical Joint X Mechanical Joint.....	818.54	236.98
02MOD-0150 For Cement Lining, Add	45.95	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.46	
Note: ANSI/AWWA C151/A21.51		
02455-0080 EA 12" Diameter Mechanical Joint Ductile Iron Solid Sleeve Mechanical Joint X Mechanical Joint.....	966.06	258.53
02MOD-0150 For Cement Lining, Add	57.44	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.08	
Note: ANSI/AWWA C151/A21.51		
02455-0081 Adapters - Mechanical Joint X Mechanical Joint (02455-0074)		
02455-0082 EA 4" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Mechanical Joint	397.39	110.65
02MOD-0150 For Cement Lining, Add	22.97	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.23	
Note: ANSI/AWWA C151/A21.51		
02455-0083 EA 6" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Mechanical Joint	508.76	138.31
02MOD-0150 For Cement Lining, Add	29.92	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.44	
Note: ANSI/AWWA C151/A21.51		
02455-0084 EA 8" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Mechanical Joint	640.21	158.05
02MOD-0150 For Cement Lining, Add	40.07	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	30.05	
Note: ANSI/AWWA C151/A21.51		
02455-0085 EA 10" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Mechanical Joint	888.00	236.98
02MOD-0150 For Cement Lining, Add	52.89	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.67	
Note: ANSI/AWWA C151/A21.51		
02455-0086 EA 12" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Mechanical Joint	1,054.21	258.53
02MOD-0150 For Cement Lining, Add	66.25	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	49.69	
Note: ANSI/AWWA C151/A21.51		
02455-0087 Adapters - Mechanical Joint X Bell (02455-0074)		
02455-0088 EA 4" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Bell.....	349.35	85.12
02MOD-0150 For Cement Lining, Add	22.04	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.53	
Note: ANSI/AWWA C151/A21.51		
02455-0089 EA 6" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Bell.....	426.81	105.39
02MOD-0150 For Cement Lining, Add	26.71	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.04	
Note: ANSI/AWWA C151/A21.51		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0090 EA 8" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Bell.....	570.29	122.92
02MOD-0150 For Cement Lining, Add	38.40	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.80	
Note: ANSI/AWWA C151/A21.51		
02455-0091 EA 10" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Bell.....	770.18	177.74
02MOD-0150 For Cement Lining, Add	50.09	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.57	
Note: ANSI/AWWA C151/A21.51		
02455-0092 EA 12" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Bell.....	942.23	203.15
02MOD-0150 For Cement Lining, Add	63.45	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	47.58	
Note: ANSI/AWWA C151/A21.51		
02455-0093 Adapters - Mechanical Joint X Plain End (02455-0074)		
02455-0094 EA 4" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Plain End	382.87	110.65
02MOD-0150 For Cement Lining, Add	21.52	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.14	
Note: ANSI/AWWA C151/A21.51		
02455-0095 EA 6" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Plain End	468.62	138.31
02MOD-0150 For Cement Lining, Add	25.91	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.43	
Note: ANSI/AWWA C151/A21.51		
02455-0096 EA 8" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Plain End	618.13	158.05
02MOD-0150 For Cement Lining, Add	37.86	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.40	
Note: ANSI/AWWA C151/A21.51		
02455-0097 EA 10" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Plain End	857.26	236.98
02MOD-0150 For Cement Lining, Add	49.82	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.37	
Note: ANSI/AWWA C151/A21.51		
02455-0098 EA 12" Diameter Mechanical Joint Ductile Iron Adapter Mechanical Joint X Plain End	1,049.32	258.53
02MOD-0150 For Cement Lining, Add	65.76	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	49.32	
Note: ANSI/AWWA C151/A21.51		
02455-0099 Mechanical Joint; Restraints And Offsets (02455-0001)		
02455-0100 Mega Lugs (Joint Reinforcement/Restraint) (02455-0099)		
02455-0101 EA 4" Diameter Mega Lugs Mechanical Joint Ductile Iron (Joint Reinforcement/Restraint)	119.29	56.77
02MOD-0150 For Cement Lining, Add	3.33	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.50	
Note: ANSI/AWWA C151/A21.51		
02455-0102 EA 6" Diameter Mega Lugs Mechanical Joint Ductile Iron (Joint Reinforcement/Restraint)	145.26	70.26
02MOD-0150 For Cement Lining, Add	3.88	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.91	
Note: ANSI/AWWA C151/A21.51		
02455-0103 EA 8" Diameter Mega Lugs Mechanical Joint Ductile Iron (Joint Reinforcement/Restraint)	183.96	81.99
02MOD-0150 For Cement Lining, Add	5.98	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.48	
Note: ANSI/AWWA C151/A21.51		
02455-0104 EA 10" Diameter Mega Lugs Mechanical Joint Ductile Iron (Joint Reinforcement/Restraint)	268.03	118.49
02MOD-0150 For Cement Lining, Add	8.85	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.64	
Note: ANSI/AWWA C151/A21.51		
02455-0105 EA 12" Diameter Mega Lugs Mechanical Joint Ductile Iron (Joint Reinforcement/Restraint)	333.86	135.44
02MOD-0150 For Cement Lining, Add	12.87	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.65	
Note: ANSI/AWWA C151/A21.51		
02455-0106 Mechanical Joint Caps (02455-0099)		
02455-0107 EA 4" Diameter Mechanical Joint Ductile Iron Cap.....	213.03	73.76
02MOD-0150 For Cement Lining, Add	10.13	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.60	
Note: ANSI/AWWA C151/A21.51		

02000 Site Construction**02450 Utility Pipelines****02455 Ductile Iron Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0108	EA	6" Diameter Mechanical Joint Ductile Iron Cap.....	274.73	92.20
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	13.50	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	10.13	
02455-0109	EA	8" Diameter Mechanical Joint Ductile Iron Cap.....	335.96	105.39
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	17.63	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	13.22	
02455-0110	EA	10" Diameter Mechanical Joint Ductile Iron Cap.....	471.94	157.99
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	23.26	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	17.44	
02455-0111	EA	12" Diameter Mechanical Joint Ductile Iron Cap.....	553.71	172.35
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	29.26	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	21.94	
02455-0112		Mechanical Joint Offsets - Mechanical Joint X Plain End (02455-0099)		
02455-0113	EA	4" Diameter X 6" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	704.08	110.65
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	53.64	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	40.23	
02455-0114	EA	4" Diameter X 12" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	725.63	110.65
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	55.80	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	41.85	
02455-0115	EA	6" Diameter X 6" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	869.95	138.31
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	66.04	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	49.53	
02455-0116	EA	6" Diameter X 12" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	958.85	138.31
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	74.93	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	56.20	
02455-0117	EA	6" Diameter X 18" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	1,070.45	138.31
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	86.09	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	64.57	
02455-0118	EA	8" Diameter X 6" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	1,116.33	158.05
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	87.68	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	65.76	
02455-0119	EA	8" Diameter X 12" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	1,339.65	158.05
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	110.02	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	82.51	
02455-0120	EA	8" Diameter X 18" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	1,437.09	158.05
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	119.76	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	89.82	
02455-0121	EA	10" Diameter X 6" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	1,477.01	184.41
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	119.76	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	89.82	
02455-0122	EA	10" Diameter X 12" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	1,793.94	184.41
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	151.45	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	113.59	
02455-0123	EA	10" Diameter X 18" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	2,065.72	184.41
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	178.63	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	133.97	
02455-0124	EA	12" Diameter X 6" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	2,138.19	201.18
	02MOD-0150	For Cement Lining, Add Note: ANSI/AWWA C104/A21.4	183.34	
	02MOD-0151	For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	137.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0125 EA 12" Diameter X 12" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	2,377.32	201.18
02MOD-0150 For Cement Lining, Add	207.25	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	155.44	
Note: ANSI/AWWA C151/A21.51		
02455-0126 EA 12" Diameter X 18" Mechanical Joint Ductile Iron Offset Mechanical Joint X Plain End.....	2,839.81	201.18
02MOD-0150 For Cement Lining, Add	253.50	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	190.12	
Note: ANSI/AWWA C151/A21.51		
02455-0127 Stab Joint (Push On) (02455)		
02455-0128 Pipe (02455-0127)		
Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.		
02455-0129 LF 4" Diameter Mechanical Ductile Iron Push Joint Pipe.....	21.31	6.29
02MOD-0150 For Cement Lining, Add	1.18	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	0.88	
Note: ANSI/AWWA C151/A21.51		
02MOD-0160 For > 1000, Deduct	-0.59	
02MOD-0161 For Class 51, Add	1.09	
02MOD-0162 For Class 52, Add	2.36	
02MOD-0163 For Class 53, Add	3.57	
02MOD-0164 For Class 54, Add	4.80	
02MOD-0165 For Class 55, Add	5.99	
02MOD-0166 For Class 56, Add	7.48	
02455-0130 LF 6" Diameter Mechanical Ductile Iron Push Joint Pipe.....	24.06	6.93
02MOD-0150 For Cement Lining, Add	1.36	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.02	
Note: ANSI/AWWA C151/A21.51		
02MOD-0160 For > 1000, Deduct	-0.68	
02MOD-0161 For Class 51, Add	1.25	
02MOD-0162 For Class 52, Add	2.71	
02MOD-0163 For Class 53, Add	4.11	
02MOD-0164 For Class 54, Add	5.52	
02MOD-0165 For Class 55, Add	6.88	
02MOD-0166 For Class 56, Add	8.60	
02455-0131 LF 8" Diameter Mechanical Ductile Iron Push Joint Pipe.....	30.64	7.62
02MOD-0150 For Cement Lining, Add	1.92	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.44	
Note: ANSI/AWWA C151/A21.51		
02MOD-0160 For > 1000, Deduct	-0.96	
02MOD-0161 For Class 51, Add	1.73	
02MOD-0162 For Class 52, Add	3.74	
02MOD-0163 For Class 53, Add	5.67	
02MOD-0164 For Class 54, Add	7.62	
02MOD-0165 For Class 55, Add	9.50	
02MOD-0166 For Class 56, Add	11.88	
02455-0132 LF 10" Diameter Mechanical Ductile Iron Push Joint Pipe.....	45.33	10.70
02MOD-0150 For Cement Lining, Add	2.92	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.19	
Note: ANSI/AWWA C151/A21.51		
02MOD-0160 For > 1000, Deduct	-1.46	
02MOD-0161 For Class 51, Add	2.61	
02MOD-0162 For Class 52, Add	5.65	
02MOD-0163 For Class 53, Add	8.56	
02MOD-0164 For Class 54, Add	11.50	
02MOD-0165 For Class 55, Add	14.35	
02MOD-0166 For Class 56, Add	17.96	
02455-0133 LF 12" Diameter Mechanical Ductile Iron Push Joint Pipe.....	48.67	11.85
02MOD-0150 For Cement Lining, Add	3.07	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.30	
Note: ANSI/AWWA C151/A21.51		
02MOD-0160 For > 1000, Deduct	-1.54	
02MOD-0161 For Class 51, Add	2.76	
02MOD-0162 For Class 52, Add	5.97	
02MOD-0163 For Class 53, Add	9.05	
02MOD-0164 For Class 54, Add	12.16	
02MOD-0165 For Class 55, Add	15.17	
02MOD-0166 For Class 56, Add	18.98	
02455-0134 Stab Joint Elbow (02455-0127)		
02455-0135 EA 4" Diameter Mechanical Ductile Iron Push Joint Elbow.....	164.20	24.54
02MOD-0150 For Cement Lining, Add	12.70	
Note: ANSI/AWWA C104/A21.4		
02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.53	
Note: ANSI/AWWA C151/A21.51		

02000 Site Construction**02450 Utility Pipelines****02455 Ductile Iron Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0136	EA	6" Diameter Mechanical Ductile Iron Push Joint Elbow	237.96	36.20
		02MOD-0150 For Cement Lining, Add	18.31	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.73	
		Note: ANSI/AWWA C151/A21.51		
02455-0137	EA	8" Diameter Mechanical Ductile Iron Push Joint Elbow	319.13	42.98
		02MOD-0150 For Cement Lining, Add	25.40	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.05	
		Note: ANSI/AWWA C151/A21.51		
02455-0138	EA	10" Diameter Mechanical Ductile Iron Push Joint Elbow	481.67	47.25
		02MOD-0150 For Cement Lining, Add	38.39	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.80	
		Note: ANSI/AWWA C151/A21.51		
02455-0139	EA	12" Diameter Mechanical Ductile Iron Push Joint Elbow	622.54	55.44
		02MOD-0150 For Cement Lining, Add	50.80	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.10	
		Note: ANSI/AWWA C151/A21.51		
02455-0140		Stab Joint Tee (02455-0127)		
02455-0141	EA	4" Diameter Mechanical Ductile Iron Push Joint Tee	251.26	36.20
		02MOD-0150 For Cement Lining, Add	19.64	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.73	
		Note: ANSI/AWWA C151/A21.51		
02455-0142	EA	6" Diameter Mechanical Ductile Iron Push Joint Tee	349.36	53.19
		02MOD-0150 For Cement Lining, Add	26.87	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.16	
		Note: ANSI/AWWA C151/A21.51		
02455-0143	EA	8" Diameter Mechanical Ductile Iron Push Joint Tee	478.75	64.47
		02MOD-0150 For Cement Lining, Add	38.10	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.57	
		Note: ANSI/AWWA C151/A21.51		
02455-0144	EA	10" Diameter Mechanical Ductile Iron Push Joint Tee	707.22	71.82
		02MOD-0150 For Cement Lining, Add	59.95	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.96	
		Note: ANSI/AWWA C151/A21.51		
02455-0145	EA	12" Diameter Mechanical Ductile Iron Push Joint Tee	881.69	82.80
		02MOD-0150 For Cement Lining, Add	75.60	
		Note: ANSI/AWWA C104/A21.4		
		02MOD-0151 For Bituminous Or Coal Tar Coating, 1 Mil, Add	56.70	
		Note: ANSI/AWWA C151/A21.51		
02455-0146		Stab Joint Saddle Connection (02455-0127)		
02455-0147	EA	4" Diameter Mechanical Ductile Iron Push Joint Saddle	110.57	36.20
02455-0148	EA	6" Diameter Mechanical Ductile Iron Push Joint Saddle	153.91	53.19
02455-0149	EA	8" Diameter Mechanical Ductile Iron Push Joint Saddle	195.98	64.47
02455-0150	EA	10" Diameter Mechanical Ductile Iron Push Joint Saddle	249.50	71.82
02455-0151	EA	12" Diameter Mechanical Ductile Iron Push Joint Saddle	300.36	82.80
02455-0152		Restrained Joint, Including Gland (02455)		
		Note: Excludes fittings, use above sections for specific fittings.		
02455-0153	EA	4" Diameter Mechanical Ductile Iron Restrained Joint, No Fittings	33.19	9.22
		02MOD-0167 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	4.81	
02455-0154	EA	6" Diameter Mechanical Ductile Iron Restrained Joint, No Fittings	37.37	9.22
		02MOD-0167 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	5.85	
02455-0155	EA	8" Diameter Mechanical Ductile Iron Restrained Joint, No Fittings	49.44	12.93
		02MOD-0167 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	7.47	
02455-0156	EA	10" Diameter Mechanical Ductile Iron Restrained Joint, No Fittings	60.09	14.21
		02MOD-0167 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	9.64	
02455-0157	EA	12" Diameter Mechanical Ductile Iron Restrained Joint, No Fittings	72.01	15.80
		02MOD-0167 For Polyethylene, Polyurethane Or 40 Mil Glass Fiber Epoxy Line, Add	12.02	
02455-0158		Taps And Saddle For Tie-In (02455)		
		See CSI section 02462-0000 for Additional Service Saddles, 02556-0000 for AWWA Valves.		
02455-0159		Stainless Steel Tapping Sleeve With Stainless Steel Flange (02455-0158)		
		Note: Smith-Blair 663		
02455-0160	EA	4" Diameter x 4" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	886.45	
02455-0161	EA	6" Diameter x 4" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	972.71	
02455-0162	EA	6" Diameter x 6" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,028.72	
02455-0163	EA	8" Diameter x 4" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,036.34	
02455-0164	EA	8" Diameter x 6" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,104.19	
02455-0165	EA	8" Diameter x 8" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,350.25	
02455-0166	EA	10" Diameter x 4" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,203.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02455-0167 EA 10" Diameter x 6" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,281.09	
02455-0168 EA 10" Diameter x 8" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,499.38	
02455-0169 EA 10" Diameter x 10" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	2,150.38	
02455-0170 EA 12" Diameter x 4" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,352.20	
02455-0171 EA 12" Diameter x 6" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,465.94	
02455-0172 EA 12" Diameter x 8" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	1,761.34	
02455-0173 EA 12" Diameter x 10" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	2,152.84	
02455-0174 EA 12" Diameter x 12" Outlet Stainless Steel Tapping Sleeve With Stainless Steel Flange	2,447.01	

02456 Welded Steel Pipe - Plain End (02450)

02456-0001 Uncoated Steel Pipe (02456)

02456-0002 3/16" To 1/4" Wall Thickness (02456-0001)

02456-0003 LF 8" Diameter Uncoated Steel Pipe 3/16" Wall Thickness, Plain End, Welded.....	42.98	30.17
02MOD-0168 For > 1000, Deduct	-0.61	
02456-0004 LFD 8" Diameter Uncoated Steel Pipe 1/4" Wall Thickness, Plain End, Welded.....	46.88	30.17
02MOD-0168 For > 1000, Deduct	-0.81	
02456-0005 LF 10" Diameter Uncoated Steel Pipe 3/16" Wall Thickness, Plain End, Welded.....	48.86	31.85
02MOD-0168 For > 1000, Deduct	-0.77	
02456-0006 LF 10" Diameter Uncoated Steel Pipe 1/4" Wall Thickness, Plain End, Welded.....	53.79	31.85
02MOD-0168 For > 1000, Deduct	-1.01	
02456-0007 LF 12" Diameter Uncoated Steel Pipe 3/16" Wall Thickness, Plain End, Welded.....	55.06	33.52
02MOD-0168 For > 1000, Deduct	-1.00	
02456-0008 LF 12" Diameter Uncoated Steel Pipe 1/4" Wall Thickness, Plain End, Welded.....	58.89	33.52
02MOD-0168 For > 1000, Deduct	-1.19	

02456-0009 Dresser Couplings (02456)

02456-0010 EA 2" Diameter Dresser Coupling For Plain End Welded Steel Pipe	79.99	16.14
02456-0011 EA 3" Diameter Dresser Coupling For Plain End Welded Steel Pipe	113.19	31.03
02456-0012 EA 4" Diameter Dresser Coupling For Plain End Welded Steel Pipe	150.57	40.97
02456-0013 EA 6" Diameter Dresser Coupling For Plain End Welded Steel Pipe	242.35	62.07
02456-0014 EA 8" Diameter Dresser Coupling For Plain End Welded Steel Pipe	319.32	78.20
02456-0015 EA 10" Diameter Dresser Coupling For Plain End Welded Steel Pipe	471.19	107.72
02456-0016 EA 12" Diameter Dresser Coupling For Plain End Welded Steel Pipe	558.01	135.01

02460 Pipe Coatings And Wraps (02450)

02460-0001 Polyethylene Encasement Tubing, 8 Mil (02460)

Note: ANSI/AWWA C105/A21.5-99 Section 4.2

02460-0002 LF 3" To 8" Polyethylene Encasement Tubing, 8 Mil	0.50
02460-0003 LF 10" To 12" Polyethylene Encasement Tubing, 8 Mil	0.86
02460-0004 LF 14" To 16" Polyethylene Encasement Tubing, 8 Mil	1.08
02460-0005 LF 18" To 20" Polyethylene Encasement Tubing, 8 Mil	1.38
02460-0006 LF 24" Polyethylene Encasement Tubing, 8 Mil.....	1.94
02460-0007 LF 30" Polyethylene Encasement Tubing, 8 Mil.....	2.50
02460-0008 LF 36" To 42" Polyethylene Encasement Tubing, 8 Mil	3.18
02460-0009 LF 48" Polyethylene Encasement Tubing, 8 Mil.....	3.79
02460-0010 LF 54" To 60" Polyethylene Encasement Tubing, 8 Mil	4.74

02462 Service Saddle (02450)

Note: Including tap. See CSI section 02556-0000 for AWWA Valves.

02462-0001 Full Support, All Stainless Steel (02462)

Note: Smith-Blair 372. 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

02462-0002 EA 4" Service Saddle With 1/2", 3/4" Or 1" Taps Smith-Blair #372-048004 to 048009	205.42
02462-0003 EA 4" Service Saddle With 1-1/4" Or 1-1/2" Taps Smith-Blair #372-048010 to 048013	270.36
02462-0004 EA 4" Service Saddle With 2" Taps Smith-Blair #372-048014 to 048015.....	279.39
02462-0005 EA 6" Service Saddle With 1/2", 3/4" Or 1" Taps Smith-Blair #372-069004 To 069009.....	269.84
02462-0006 EA 6" Service Saddle With 1-1/4", 1-1/2" Or 2" Taps Smith-Blair #372-069010 To 069015.....	314.25
02462-0007 EA 8" Service Saddle With 1/2", 3/4" Or 1" Taps Smith-Blair #372-090504 To 090509	305.53
02462-0008 EA 8" Service Saddle With 1-1/4", 1-1/2" Or 2" Taps Smith-Blair #372-090510 To 090515.....	353.49
02462-0009 EA 10" Service Saddle With 1/2", 3/4" Or 1" Taps Smith-Blair #372-111004 To 111009	360.84
02462-0010 EA 10" Service Saddle With 1-1/4", 1-1/2" Or 2" Taps Smith-Blair #372-111010 To 111015.....	393.65
02462-0011 EA 12" Service Saddle With 1/2", 3/4" Or 1" Taps Smith-Blair #372-132004 To 132009	413.93
02462-0012 EA 12" Service Saddle With 1-1/4", 1-1/2" Or 2" Taps Smith-Blair #372-132010 To 132015.....	452.86

02462-0013 Service Saddle, Epoxy Coated Ductile Iron Body, Double Strap (02462)

Note: With electro-galvanized steel bales (Smith-Blair 313) 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

02462-0014 EA 1-1/4" To 1-1/2" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales	78.73
02462-0015 EA 2" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	91.27
02462-0016 EA 2" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales	92.89
02462-0017 EA 2-1/2" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	100.64
02462-0018 EA 3" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	137.76
02462-0019 EA 3" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales	149.15

02000 Site Construction**02450 Utility Pipelines****02462 Service Saddle**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02462-0020	EA	3" Diameter Pipe Service Saddle With 2" Tap, Epoxy Coated Ductile Iron Body With Double Bales	153.16
02462-0021	EA	4" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	166.17
02462-0022	EA	4" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	177.23
02462-0023	EA	4" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	178.51
02462-0024	EA	5" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	185.01
02462-0025	EA	5" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	197.29
02462-0026	EA	5" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	198.29
02462-0027	EA	6" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	202.71
02462-0028	EA	6" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	214.28
02462-0029	EA	6" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	215.97
02462-0030	EA	6" Diameter Pipe Service Saddle With 3" Tap, Epoxy Coated Ductile Iron Body With Double Bales	302.64
02462-0031	EA	6" Diameter Pipe Service Saddle With 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales	335.34
02462-0032	EA	8" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	247.20
02462-0033	EA	8" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	259.88
02462-0034	EA	8" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	262.27
02462-0035	EA	8" Diameter Pipe Service Saddle With 3" To 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales	420.83
02462-0036	EA	10" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales	296.05
02462-0037	EA	10" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	317.57
02462-0038	EA	10" Diameter Pipe Service Saddle With 3" To 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	497.93
02462-0039	EA	12" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales	358.34
02462-0040	EA	12" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	381.71
02462-0041	EA	12" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	384.09
02462-0042	EA	12" Diameter Pipe Service Saddle With 3" To 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	598.89
02462-0043	EA	14" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	430.77
02462-0044	EA	14" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	455.23
02462-0045	EA	14" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	469.65
02462-0046	EA	14" Diameter Pipe Service Saddle With 3" To 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales	755.71
02462-0047	EA	15" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	464.04
02462-0048	EA	15" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	507.36
02462-0049	EA	15" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	515.33
02462-0050	EA	15" Diameter Pipe Service Saddle With 3" To 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales	831.77
02462-0051	EA	16" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	493.39
02462-0052	EA	16" Diameter Pipe Service Saddle With 1-1/4" To 1-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	551.56
02462-0053	EA	16" Diameter Pipe Service Saddle With 2" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	559.72
02462-0054	EA	16" Diameter Pipe Service Saddle With 3" To 4" Tap, Epoxy Coated Ductile Iron Body With Double Bales	891.32
02462-0055	EA	18" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	550.45
02462-0056	EA	18" Diameter Pipe Service Saddle With 1-1/4" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	608.79
02462-0057	EA	20" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	664.81
02462-0058	EA	20" Diameter Pipe Service Saddle With 1-1/4" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	698.67
02462-0059	EA	24" Diameter Pipe Service Saddle With 5/8" To 1" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	770.17
02462-0060	EA	24" Diameter Pipe Service Saddle With 1-1/4" To 2-1/2" Tap, Epoxy Coated Ductile Iron Body With Double Bales.....	818.15

02462-0061**Collection Pipe Taps (02462)****02462-0062****Cast Iron Pipe Saddle Taps (02462-0061)**

02462-0063	EA	2" Tee Saddle Tap With U-Bolt, Cast Iron.....	104.99
02462-0064	EA	3" Tee Saddle Tap With U-Bolt, Cast Iron.....	141.95
02462-0065	EA	4" Tee Saddle Tap With U-Bolt, Cast Iron.....	213.71
02462-0066	EA	6" Tee Saddle Tap With U-Bolt, Cast Iron.....	283.94
02462-0067	EA	3" x 1-1/2" Tee Saddle Tap, Tapped With U-Bolt, Cast Iron	133.74
02462-0068	EA	3" x 2" Tee Saddle Tap With U-Bolt, Cast Iron.....	137.12
02462-0069	EA	4" x 1-1/2" Tee Saddle Tap, Tapped With U-Bolt, Cast Iron	200.32
02462-0070	EA	4" x 2" Tee Saddle Tap With U-Bolt, Cast Iron.....	200.77
02462-0071	EA	4" x 3" Tee Saddle Tap With U-Bolt, Cast Iron.....	208.15
02462-0072	EA	6" x 2" Tee Saddle Tap With U-Bolt, Cast Iron.....	271.64
02462-0073	EA	2" Wye Saddle Tap With U-Bolt, Cast Iron.....	116.63
02462-0074	EA	3" Wye Saddle Tap With U-Bolt, Cast Iron.....	141.95
02462-0075	EA	4" Wye Saddle Tap With U-Bolt, Cast Iron.....	213.71
02462-0076	EA	6" Wye Saddle Tap With U-Bolt, Cast Iron.....	306.39
02462-0077	EA	3" x 2" Wye Saddle Tap With U-Bolt, Cast Iron.....	137.12
02462-0078	EA	4" x 1" Wye Saddle Tap, Tapped With U-Bolt, Cast Iron	200.32
02462-0079	EA	4" x 2" Wye Saddle Tap With U-Bolt, Cast Iron.....	200.77
02462-0080	EA	4" x 3" Wye Saddle Tap With U-Bolt, Cast Iron.....	208.15
02462-0081	EA	6" x 4" Wye Saddle Tap With U-Bolt, Cast Iron.....	298.96

02463 Vitrified Clay Pipe (02450)**02463-0001****Extra Strength (02463)****02463-0002****Extra Strength, Plain Joints, C700 (02463-0001)**

02463-0003	LF	4" Vitrified Clay Pipe Extra Strength	7.31
		02MOD-0169 For 3' Lengths, Add	0.74
		02MOD-0170 For 2' Lengths, Add	0.99
		02MOD-0171 For Standard Strength, Deduct	-0.25
		02MOD-0172 For > 1000, Deduct	-0.12
02463-0004	LF	6" Vitrified Clay Pipe Extra Strength	9.27
		02MOD-0169 For 3' Lengths, Add	1.16
		02MOD-0170 For 2' Lengths, Add	1.54
		02MOD-0171 For Standard Strength, Deduct	-0.39
		02MOD-0172 For > 1000, Deduct	-0.19



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02463-0005 LF 8" Vitrified Clay Pipe Extra Strength	12.60	
02MOD-0169 For 3' Lengths, Add	1.65	
02MOD-0170 For 2' Lengths, Add	2.20	
02MOD-0171 For Standard Strength, Deduct	-0.55	
02MOD-0172 For > 1000, Deduct	-0.28	
02463-0006 LF 10" Vitrified Clay Pipe Extra Strength	16.84	
02MOD-0169 For 3' Lengths, Add	2.53	
02MOD-0170 For 2' Lengths, Add	3.38	
02MOD-0171 For Standard Strength, Deduct	-0.84	
02MOD-0172 For > 1000, Deduct	-0.42	
02463-0007 LF 12" Vitrified Clay Pipe Extra Strength	22.47	
02MOD-0169 For 3' Lengths, Add	3.58	
02MOD-0170 For 2' Lengths, Add	4.77	
02MOD-0171 For Standard Strength, Deduct	-1.19	
02MOD-0172 For > 1000, Deduct	-0.60	
02463-0008 Extra Strength, Compression Joints, C425 (02463-0001)		
02463-0009 LF 4" Vitrified Clay Pipe Extra Strength	9.86	
02MOD-0169 For 3' Lengths, Add	0.88	
02MOD-0170 For 2' Lengths, Add	1.17	
02MOD-0171 For Standard Strength, Deduct	-0.29	
02MOD-0172 For > 1000, Deduct	-0.15	
02463-0010 LF 6" Vitrified Clay Pipe Extra Strength	13.93	
02MOD-0169 For 3' Lengths, Add	1.44	
02MOD-0170 For 2' Lengths, Add	1.92	
02MOD-0171 For Standard Strength, Deduct	-0.48	
02MOD-0172 For > 1000, Deduct	-0.24	
02463-0011 LF 8" Vitrified Clay Pipe Extra Strength	17.43	
02MOD-0169 For 3' Lengths, Add	2.03	
02MOD-0170 For 2' Lengths, Add	2.70	
02MOD-0171 For Standard Strength, Deduct	-0.68	
02MOD-0172 For > 1000, Deduct	-0.34	
02463-0012 LF 10" Vitrified Clay Pipe Extra Strength	21.86	
02MOD-0169 For 3' Lengths, Add	3.33	
02MOD-0170 For 2' Lengths, Add	4.44	
02MOD-0171 For Standard Strength, Deduct	-1.11	
02MOD-0172 For > 1000, Deduct	-0.55	
02463-0013 LF 12" Vitrified Clay Pipe Extra Strength	28.00	
02MOD-0169 For 3' Lengths, Add	4.37	
02MOD-0170 For 2' Lengths, Add	5.83	
02MOD-0171 For Standard Strength, Deduct	-1.46	
02MOD-0172 For > 1000, Deduct	-0.73	
02463-0014 Fittings (02463)		
02463-0015 1/8 Bends (02463-0014)		
02463-0016 Plain End (02463-0015)		
02463-0017 EA 4" Diameter, 1/8 Bend, Vitrified Clay, Plain End	54.31	
02463-0018 EA 6" Diameter, 1/8 Bend, Vitrified Clay, Plain End	66.28	
02463-0019 EA 8" Diameter, 1/8 Bend, Vitrified Clay, Plain End	91.90	
02463-0020 EA 10" Diameter, 1/8 Bend, Vitrified Clay, Plain End	121.74	
02463-0021 EA 12" Diameter, 1/8 Bend, Vitrified Clay, Plain End	156.98	
02463-0022 Compression Joint, C425 (02463-0015)		
02463-0023 EA 4" Diameter, 1/8 Bend, Vitrified Clay, Compression Joint	48.47	
02463-0024 EA 6" Diameter, 1/8 Bend, Vitrified Clay, Compression Joint	64.27	
02463-0025 EA 8" Diameter, 1/8 Bend, Vitrified Clay, Compression Joint	85.74	
02463-0026 EA 10" Diameter, 1/8 Bend, Vitrified Clay, Compression Joint	112.77	
02463-0027 EA 12" Diameter, 1/8 Bend, Vitrified Clay, Compression Joint	141.29	
02463-0028 1/4 Bends (02463-0014)		
02463-0029 Plain End (02463-0028)		
02463-0030 EA 4" Diameter, 1/4 Bend, Vitrified Clay, Plain End	54.31	
02463-0031 EA 6" Diameter, 1/4 Bend, Vitrified Clay, Plain End	66.28	
02463-0032 EA 8" Diameter, 1/4 Bend, Vitrified Clay, Plain End	91.90	
02463-0033 EA 10" Diameter, 1/4 Bend, Vitrified Clay, Plain End	121.74	
02463-0034 EA 12" Diameter, 1/4 Bend, Vitrified Clay, Plain End	156.98	
02463-0035 Compression Joint, C425 (02463-0028)		
02463-0036 EA 4" Diameter, 1/4 Bend, Vitrified Clay, Compression Joint	49.22	
02463-0037 EA 6" Diameter, 1/4 Bend, Vitrified Clay, Compression Joint	64.27	
02463-0038 EA 8" Diameter, 1/4 Bend, Vitrified Clay, Compression Joint	85.74	
02463-0039 EA 10" Diameter, 1/4 Bend, Vitrified Clay, Compression Joint	112.77	
02463-0040 EA 12" Diameter, 1/4 Bend, Vitrified Clay, Compression Joint	141.29	

02000 Site Construction**02450 Utility Pipelines****02463 Vitrified Clay Pipe**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02463-0041 Wyes Or Tees (02463-0014)		
02463-0042 Plain End (02463-0041)		
02463-0043 EA 4" Diameter, Wye Or Tee, Vitrified Clay, Plain End	54.62	
02463-0044 EA 6" Diameter, Wye Or Tee, Vitrified Clay, Plain End	66.35	
02463-0045 EA 8" Diameter, Wye Or Tee, Vitrified Clay, Plain End	91.77	
02463-0046 EA 10" Diameter, Wye Or Tee, Vitrified Clay, Plain End	120.94	
02463-0047 EA 12" Diameter, Wye Or Tee, Vitrified Clay, Plain End	153.85	
02463-0048 Compression Joint, C425 (02463-0041)		
02463-0049 EA 4" Diameter, Wye Or Tee, Vitrified Clay, Compression Joint	51.92	
02463-0050 EA 6" Diameter, Wye Or Tee, Vitrified Clay, Compression Joint	67.76	
02463-0051 EA 8" Diameter, Wye Or Tee, Vitrified Clay, Compression Joint	91.01	
02463-0052 EA 10" Diameter, Wye Or Tee, Vitrified Clay, Compression Joint	120.13	
02463-0053 EA 12" Diameter, Wye Or Tee, Vitrified Clay, Compression Joint	151.60	
02464 Plastic Pipe (02450)		
02464-0001 Plastic Sewer And Drain Piping (02464)		
02464-0002 Schedule 40 ABS-PVC Sewer And Drain Pipe (02464-0001)		
Note: Acrylonitrile Butadiene Styrene - Polyvinyl Chloride drain waste pipe and fittings. (ABS - ASTM D2661, PVC - ASTM D2665).		
02464-0003 LF 1-1/2" Schedule 40 ABS-PVC Sewer And Drain Pipe	3.86	2.19
02464-0004 LF 2" Schedule 40 ABS-PVC Sewer And Drain Pipe	4.72	2.66
02464-0005 LF 3" Schedule 40 ABS-PVC Sewer And Drain Pipe	7.23	3.79
02464-0006 LF 4" Schedule 40 ABS-PVC Sewer And Drain Pipe	8.39	4.12
02464-0007 LF 6" Schedule 40 ABS-PVC Sewer And Drain Pipe	11.77	5.31
02464-0008 LF 8" Schedule 40 ABS-PVC Sewer And Drain Pipe	18.22	7.11
02464-0009 LF 10" Schedule 40 ABS-PVC Sewer And Drain Pipe	27.06	9.44
02464-0010 Belled End PVC Sewer And Drain Pipe (02464-0001)		
Note: D-2729 PVC pipe.		
02464-0011 LF 3" Belled End PVC Sewer And Drain Pipe	5.89	3.54
02464-0012 LF 4" Belled End PVC Sewer And Drain Pipe	7.38	4.47
02464-0013 LF 6" Belled End PVC Sewer And Drain Pipe	11.38	6.70
02464-0014 ABS-PVC Sewer And Drain Fittings (02464-0001)		
02464-0015 ABS-PVC Sewer And Drain 1/4 Bends (02464-0014)		
02464-0016 EA 1-1/2" ABS-PVC Sewer And Drain 1/4 Bend	13.91	8.84
02464-0017 EA 2" ABS-PVC Sewer And Drain 1/4 Bend	17.93	11.43
02464-0018 EA 3" ABS-PVC Sewer And Drain 1/4 Bend	25.59	15.35
02464-0019 EA 4" ABS-PVC Sewer And Drain 1/4 Bend	31.93	17.75
02464-0020 EA 6" ABS-PVC Sewer And Drain 1/4 Bend	67.12	23.07
02464-0021 EA 8" ABS-PVC Sewer And Drain 1/4 Bend	102.18	31.04
02464-0022 EA 10" ABS-PVC Sewer And Drain 1/4 Bend	135.41	41.35
02464-0023 ABS-PVC Sewer And Drain 1/8 Bends (02464-0014)		
02464-0024 EA 1-1/2" ABS-PVC Sewer And Drain 1/8 Bend	14.06	8.84
02464-0025 EA 2" ABS-PVC Sewer And Drain 1/8 Bend	17.92	11.43
02464-0026 EA 3" ABS-PVC Sewer And Drain 1/8 Bend	25.37	15.35
02464-0027 EA 4" ABS-PVC Sewer And Drain 1/8 Bend	30.85	17.75
02464-0028 EA 6" ABS-PVC Sewer And Drain 1/8 Bend	64.37	23.07
02464-0029 EA 8" ABS-PVC Sewer And Drain 1/8 Bend	95.80	31.04
02464-0030 EA 10" ABS-PVC Sewer And Drain 1/8 Bend	116.62	41.35
02464-0031 ABS-PVC Sewer And Drain Long Sweep 1/4 Bends (02464-0014)		
02464-0032 EA 1-1/2" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	15.53	8.71
02464-0033 EA 2" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	18.96	11.43
02464-0034 EA 3" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	28.75	15.69
02464-0035 EA 4" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	38.88	19.15
02464-0036 EA 6" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	56.26	22.14
02464-0037 EA 8" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	81.21	25.26
02464-0038 EA 10" ABS-PVC Sewer And Drain Long Sweep 1/4 Bends	117.36	29.45
02464-0039 ABS-PVC Sewer And Drain 1/16 Bends (02464-0014)		
02464-0040 EA 1-1/2" ABS-PVC Sewer And Drain 1/16 Bend	13.49	8.25
02464-0041 EA 2" ABS-PVC Sewer And Drain 1/16 Bend	17.10	10.67
02464-0042 EA 3" ABS-PVC Sewer And Drain 1/16 Bend	24.75	14.33
02464-0043 EA 4" ABS-PVC Sewer And Drain 1/16 Bend	30.79	16.57
02464-0044 EA 6" ABS-PVC Sewer And Drain 1/16 Bend	73.96	21.54
02464-0045 EA 8" ABS-PVC Sewer And Drain 1/16 Bend	112.41	28.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02464-0046 EA 10" ABS-PVC Sewer And Drain 1/16 Bend	134.31	38.61
02464-0047 ABS-PVC Sewer And Drain Reducers (02464-0014)		
02464-0048 EA 2" x 1-1/2" ABS-PVC Sewer And Drain Reducer	18.40	11.43
02464-0049 EA 3" x 1-1/2" ABS-PVC Sewer And Drain Reducer	27.65	15.69
02464-0050 EA 3" x 2" ABS-PVC Sewer And Drain Reducer	26.99	15.69
02464-0051 EA 4" x 2" ABS-PVC Sewer And Drain Reducer	33.34	17.75
02464-0052 EA 4" x 3" ABS-PVC Sewer And Drain Reducer	33.65	17.75
02464-0053 EA 6" x 4" ABS-PVC Sewer And Drain Reducer	63.26	23.07
02464-0054 EA 8" x 6" ABS-PVC Sewer And Drain Reducer	105.45	27.26
02464-0055 EA 10" x 4" ABS-PVC Sewer And Drain Reducer	101.79	45.99
02464-0056 EA 10" x 6" ABS-PVC Sewer And Drain Reducer	120.18	45.99
02464-0057 EA 10" x 8" ABS-PVC Sewer And Drain Reducer	112.90	45.99
02464-0058 ABS-PVC Sewer And Drain Sanitary Tees (02464-0014)		
02464-0059 EA 1-1/2" ABS-PVC Sewer And Drain Sanitary Tee	19.83	12.48
02464-0060 EA 2" ABS-PVC Sewer And Drain Sanitary Tee	25.79	16.14
02464-0061 EA 3" ABS-PVC Sewer And Drain Sanitary Tee	36.30	21.29
02464-0062 EA 4" ABS-PVC Sewer And Drain Sanitary Tee	47.90	26.44
02464-0063 EA 6" ABS-PVC Sewer And Drain Sanitary Tee	91.63	28.98
02464-0064 EA 8" ABS-PVC Sewer And Drain Sanitary Tee	120.21	38.61
02464-0065 ABS-PVC Sewer And Drain Wyes (02464-0014)		
02464-0066 EA 1-1/2" ABS-PVC Sewer And Drain Wyes.....	22.30	13.37
02464-0067 EA 2" ABS-PVC Sewer And Drain Wyes.....	28.18	17.28
02464-0068 EA 3" ABS-PVC Sewer And Drain Wyes.....	39.42	22.80
02464-0069 EA 4" ABS-PVC Sewer And Drain Wyes.....	52.12	28.32
02464-0070 EA 6" ABS-PVC Sewer And Drain Wyes.....	89.52	31.04
02464-0071 EA 8" ABS-PVC Sewer And Drain Wyes.....	114.46	41.35
02464-0072 EA 10" ABS-PVC Sewer And Drain Wyes.....	151.50	55.18
02464-0073 ABS-PVC Sewer And Drain Reducing Wyes (02464-0014)		
02464-0074 EA 2" x 1-1/2" x 1-1/2" ABS-PVC Sewer And Drain Reducing Wye	24.09	13.37
02464-0075 EA 2" x 2" x 1" ABS-PVC Sewer And Drain Reducing Wye	29.92	17.28
02464-0076 EA 3" x 3" x 2" ABS-PVC Sewer And Drain Reducing Wye	38.24	22.80
02464-0077 EA 4" x 4" x 2" ABS-PVC Sewer And Drain Reducing Wye	50.22	28.32
02464-0078 EA 4" x 4" x 3" ABS-PVC Sewer And Drain Reducing Wye	51.52	28.32
02464-0079 ABS-PVC Sewer And Drain Double Wyes (02464-0014)		
02464-0080 EA 1-1/2" ABS-PVC Sewer And Drain Double Wye	30.74	17.28
02464-0081 EA 2" ABS-PVC Sewer And Drain Double Wye	40.48	22.80
02464-0082 EA 3" ABS-PVC Sewer And Drain Double Wye	62.27	30.78
02464-0083 EA 4" ABS-PVC Sewer And Drain Double Wye	88.57	37.23
02464-0084 EA 2" x 2" x 1-1/2" x 1-1/2" ABS-PVC Sewer And Drain Double Wye	39.94	22.80
02464-0085 EA 3" x 3" x 2" x 2" ABS-PVC Sewer And Drain Double Wye	58.14	30.78
02464-0086 EA 4" x 4" x 3" x 3" ABS-PVC Sewer And Drain Double Wye	81.76	37.23
02464-0087 ABS-PVC Sewer And Drain Combination Wye And 1/8 Bends (02464-0014)		
02464-0088 EA 1-1/2" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	23.73	13.37
02464-0089 EA 2" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	30.40	17.28
02464-0090 EA 3" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	46.10	22.80
02464-0091 EA 4" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	67.09	28.32
02464-0092 EA 2" x 2" x 1-1/2" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	35.23	17.28
02464-0093 EA 3" x 3" x 1-1/2" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	50.48	22.80
02464-0094 EA 3" x 3" x 2" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	44.38	22.80
02464-0095 EA 4" x 4" x 2" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	65.04	28.32
02464-0096 EA 4" x 4" x 3" ABS-PVC Sewer And Drain Combination Wye And 1/8 Bend.....	66.92	28.32
02464-0097 ABS-PVC Sewer And Drain Double Combination Wye And 1/8 Bends (02464-0014)		
02464-0098 EA 1-1/2" ABS-PVC Sewer And Drain Double Combination Wye And 1/8 Bend	31.84	17.28
02464-0099 EA 2" ABS-PVC Sewer And Drain Double Combination Wye And 1/8 Bend.....	40.60	22.80
02464-0100 EA 3" ABS-PVC Sewer And Drain Double Combination Wye And 1/8 Bend.....	57.20	30.78
02464-0101 EA 4" ABS-PVC Sewer And Drain Double Combination Wye And 1/8 Bend.....	114.17	37.23
02464-0102 EA 6" ABS-PVC Sewer And Drain Double Combination Wye And 1/8 Bend.....	273.55	41.22
02464-0103 ABS-PVC Sewer And Drain Clean Out Tees With Plug (02464-0014)		
02464-0104 EA 4" ABS-PVC Sewer And Drain Clean Out Tees With Plug	147.20	74.06
02464-0105 EA 6" ABS-PVC Sewer And Drain Clean Out Tees With Plug	248.18	95.54
02464-0106 EA 8" ABS-PVC Sewer And Drain Clean Out Tees With Plug	332.59	134.64
02464-0107 EA 10" ABS-PVC Sewer And Drain Clean Out Tees With Plug	498.04	216.59

02000 Site Construction**02450 Utility Pipelines****02464 Plastic Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02464-0108		ABS-PVC Sewer And Drain Couplings (02464-0014)		
02464-0109	EA	1-1/2" ABS-PVC Sewer And Drain Coupling.....	13.86	8.84
02464-0110	EA	2" ABS-PVC Sewer And Drain Coupling.....	17.65	11.37
02464-0111	EA	3" ABS-PVC Sewer And Drain Coupling.....	24.47	15.22
02464-0112	EA	4" ABS-PVC Sewer And Drain Coupling.....	29.22	17.75
02464-0113	EA	6" ABS-PVC Sewer And Drain Coupling.....	49.14	23.07
02464-0114	EA	8" ABS-PVC Sewer And Drain Coupling.....	88.45	31.04
02464-0115	EA	10" ABS-PVC Sewer And Drain Coupling.....	127.00	41.35
02464-0116		ABS-PVC Sewer And Drain Adapters (02464-0014)		
02464-0117	EA	4" Male, Plastic Pipe x Malleable Iron Pipe, Drain And Sewer Fitting.....	70.88	43.57
02464-0118	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting.....	51.54	33.14
02464-0119	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting.....	52.35	33.14
02464-0120	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting.....	54.50	33.14
02464-0121	EA	4" Hub, Cast Iron Pipe x Plastic Pipe, Drain And Sewer Fitting.....	71.47	43.57
02464-0122	EA	4" Spigot, Clay Pipe x Plastic Pipe, Drain And Sewer Fitting.....	69.75	43.57
02464-0123	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe, Drain And Sewer Fitting.....	66.93	4.47
02464-0124	EA	4" Drain Grate, Drain And Sewer Fitting.....	35.67	22.41
02464-0125		ABS-PVC Sewer And Drain Caps (02464-0014)		
02464-0126	EA	3" Cap, Drain And Sewer Fitting.....	18.26	8.88
02464-0127	EA	4" Cap, Drain And Sewer Fitting.....	27.72	11.05
02464-0128	EA	6" Cap, Drain And Sewer Fitting.....	48.12	14.27
02464-0129		Schedule 40 ABS-PVC Drainage Plug Cleanout (02464-0014)		
02464-0130	EA	1-1/2" Schedule 40 ABS-PVC Drainage Plug Cleanout.....	13.37	8.25
02464-0131	EA	2" Schedule 40 ABS-PVC Drainage Plug Cleanout.....	17.33	10.67
02464-0132	EA	3" Schedule 40 ABS-PVC Drainage Plug Cleanout.....	24.73	14.33
02464-0133	EA	4" Schedule 40 ABS-PVC Drainage Plug Cleanout.....	30.97	16.57
02464-0134	EA	6" Schedule 40 ABS-PVC Drainage Plug Cleanout.....	48.53	21.54
02464-0135	EA	8" Schedule 40 ABS-PVC Drainage Plug Cleanout.....	147.77	28.98
02464-0136		Gasketed SDR 35 PVC Pipe (02464-0001)		
		Note: ASTM 3034		
02464-0137	LF	4" Gasketed SDR 35 PVC Pipe.....	7.20	3.28
02464-0138	LF	6" Gasketed SDR 35 PVC Pipe.....	9.23	3.54
02464-0139	LF	8" Gasketed SDR 35 PVC Pipe.....	11.61	3.64
02464-0140	LF	10" Gasketed SDR 35 PVC Pipe.....	15.45	4.28
02464-0141	LF	12" Gasketed SDR 35 PVC Pipe.....	19.11	4.42
02464-0142	LF	15" Gasketed SDR 35 PVC Pipe.....	29.74	7.26
02464-0143	LF	18" Gasketed SDR 35 PVC Pipe.....	39.96	9.35
02464-0144	LF	21" Gasketed SDR 35 PVC Pipe.....	51.80	10.90
02464-0145	LF	24" Gasketed SDR 35 PVC Pipe.....	62.88	12.46
02464-0146	LF	27" Gasketed SDR 35 PVC Pipe.....	76.49	14.01
02464-0147		Solvent Weld SDR 35 PVC Pipe (02464-0001)		
		Note: ASTM 3034		
02464-0148	LF	4" Solvent Weld SDR 35 PVC Pipe.....	6.47	3.28
02464-0149	LF	6" Solvent Weld SDR 35 PVC Pipe.....	7.94	3.54
02464-0150	LF	8" Solvent Weld SDR 35 PVC Pipe.....	9.51	3.64
02464-0151		Gasketed SDR 35 PVC Fittings (02464-0001)		
		Note: ASTM 3034		
02464-0152		Gasketed SDR 35 PVC 1/4 Bends (02464-0151)		
02464-0153	EA	4" Gasketed SDR 35 PVC 1/4 Bends.....	40.91	16.95
02464-0154	EA	6" Gasketed SDR 35 PVC 1/4 Bends.....	56.14	19.71
02464-0155	EA	8" Gasketed SDR 35 PVC 1/4 Bends.....	101.82	22.35
02464-0156	EA	10" Gasketed SDR 35 PVC 1/4 Bends.....	260.34	26.28
02464-0157	EA	12" Gasketed SDR 35 PVC 1/4 Bends.....	336.03	33.51
02464-0158		Gasketed SDR 35 PVC 1/8 Bends (02464-0151)		
02464-0159	EA	4" Gasketed SDR 35 PVC 1/8 Bends.....	38.30	16.95
02464-0160	EA	6" Gasketed SDR 35 PVC 1/8 Bends.....	53.27	19.71
02464-0161	EA	8" Gasketed SDR 35 PVC 1/8 Bends.....	94.57	22.35
02464-0162	EA	10" Gasketed SDR 35 PVC 1/8 Bends.....	192.06	26.28
02464-0163	EA	12" Gasketed SDR 35 PVC 1/8 Bends.....	271.11	33.51
02464-0164	EA	15" Gasketed SDR 35 PVC 1/8 Bends.....	560.87	47.31
02464-0165	EA	18" Gasketed SDR 35 PVC 1/8 Bends.....	883.21	67.03
02464-0166	EA	21" Gasketed SDR 35 PVC 1/8 Bends.....	1,454.45	88.71
02464-0167	EA	24" Gasketed SDR 35 PVC 1/8 Bends.....	1,980.94	118.27



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02464-0168 Gasketed SDR 35 PVC Sanitary Tees (02464-0151)

02464-0169	EA 4" Gasketed SDR 35 PVC Sanitary Tees	61.73	25.43
02464-0170	EA 6" x 4" Gasketed SDR 35 PVC Sanitary Tees	88.86	28.19
02464-0171	EA 6" Gasketed SDR 35 PVC Sanitary Tees	98.13	29.57
02464-0172	EA 8" x 4" Gasketed SDR 35 PVC Sanitary Tees	106.92	30.95
02464-0173	EA 8" x 6" Gasketed SDR 35 PVC Sanitary Tees	119.88	32.33
02464-0174	EA 8" Gasketed SDR 35 PVC Sanitary Tees	206.35	33.71
02464-0175	EA 10" x 4" Gasketed SDR 35 PVC Sanitary Tees	257.14	34.49
02464-0176	EA 10" x 6" Gasketed SDR 35 PVC Sanitary Tees	288.98	36.14
02464-0177	EA 10" x 8" Gasketed SDR 35 PVC Sanitary Tees	413.66	37.52
02464-0178	EA 10" Gasketed SDR 35 PVC Sanitary Tees	531.38	39.42
02464-0179	EA 12" x 4" Gasketed SDR 35 PVC Sanitary Tees	316.02	41.99
02464-0180	EA 12" x 6" Gasketed SDR 35 PVC Sanitary Tees	334.49	43.37
02464-0181	EA 12" x 8" Gasketed SDR 35 PVC Sanitary Tees	463.17	44.75
02464-0182	EA 12" x 10" Gasketed SDR 35 PVC Sanitary Tees	653.32	46.65
02464-0183	EA 12" Gasketed SDR 35 PVC Sanitary Tees	734.36	50.27

02464-0184 Gasketed SDR 35 PVC Wyes (02464-0151)

02464-0185	EA 4" Gasketed SDR 35 PVC Wyes	59.71	25.43
02464-0186	EA 6" x 4" Gasketed SDR 35 PVC Wyes	82.14	28.19
02464-0187	EA 6" Gasketed SDR 35 PVC Wyes	89.10	29.57
02464-0188	EA 8" x 4" Gasketed SDR 35 PVC Wyes	104.04	30.95
02464-0189	EA 8" x 6" Gasketed SDR 35 PVC Wyes	116.44	32.33
02464-0190	EA 8" Gasketed SDR 35 PVC Wyes	165.25	33.71
02464-0191	EA 10" x 4" Gasketed SDR 35 PVC Wyes	237.82	34.76
02464-0192	EA 10" x 6" Gasketed SDR 35 PVC Wyes	243.16	36.14
02464-0193	EA 10" x 8" Gasketed SDR 35 PVC Wyes	351.97	37.52
02464-0194	EA 10" Gasketed SDR 35 PVC Wyes	387.77	39.42
02464-0195	EA 12" x 4" Gasketed SDR 35 PVC Wyes	299.73	41.99
02464-0196	EA 12" x 6" Gasketed SDR 35 PVC Wyes	309.19	43.37
02464-0197	EA 12" x 8" Gasketed SDR 35 PVC Wyes	428.50	44.75
02464-0198	EA 12" x 10" Gasketed SDR 35 PVC Wyes	510.32	46.65
02464-0199	EA 12" Gasketed SDR 35 PVC Wyes	534.14	50.27
02464-0200	EA 15" x 10" Gasketed SDR 35 PVC Wyes	657.03	60.46
02464-0201	EA 15" x 12" Gasketed SDR 35 PVC Wyes	726.47	64.07
02464-0202	EA 15" Gasketed SDR 35 PVC Wyes	900.75	70.97

02464-0203 Gasketed SDR 35 PVC Couplings (02464-0151)

02464-0204	EA 4" Gasketed SDR 35 PVC Couplings	40.68	16.95
02464-0205	EA 6" Gasketed SDR 35 PVC Couplings	57.67	19.71
02464-0206	EA 8" Gasketed SDR 35 PVC Couplings	79.59	22.48
02464-0207	EA 10" Gasketed SDR 35 PVC Couplings	137.34	26.28
02464-0208	EA 12" Gasketed SDR 35 PVC Couplings	191.73	33.51
02464-0209	EA 15" Gasketed SDR 35 PVC Couplings	359.99	47.31
02464-0210	EA 18" Gasketed SDR 35 PVC Couplings	658.98	67.03
02464-0211	EA 21" Gasketed SDR 35 PVC Couplings	1,080.52	88.71
02464-0212	EA 24" Gasketed SDR 35 PVC Couplings	1,555.83	118.27

02464-0213 Gasketed SDR 35 PVC Increaser (02464-0151)

02464-0214	EA 6" x 4" Gasketed SDR 35 PVC Increaser	66.22	18.34
02464-0215	EA 8" x 4" Gasketed SDR 35 PVC Increaser	89.48	19.71
02464-0216	EA 8" x 6" Gasketed SDR 35 PVC Increaser	94.60	21.09
02464-0217	EA 10" x 6" Gasketed SDR 35 PVC Increaser	192.87	23.00
02464-0218	EA 10" x 8" Gasketed SDR 35 PVC Increaser	219.98	24.38
02464-0219	EA 12" x 6" Gasketed SDR 35 PVC Increaser	245.29	26.62
02464-0220	EA 12" x 8" Gasketed SDR 35 PVC Increaser	279.41	27.99
02464-0221	EA 12" x 10" Gasketed SDR 35 PVC Increaser	318.55	29.90
02464-0222	EA 15" x 12" Gasketed SDR 35 PVC Increaser	475.82	40.41

02464-0223 SDR 35 PVC Saddle Wye With Stainless Steel Clamps (02464-0151)

02464-0224	EA 6" x 4" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	58.54	
02464-0225	EA 8" x 4" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	75.35	
02464-0226	EA 8" x 6" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	76.60	
02464-0227	EA 10" x 4" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	117.25	
02464-0228	EA 10" x 6" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	122.47	
02464-0229	EA 10" x 8" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	212.19	
02464-0230	EA 12" x 4" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	135.26	
02464-0231	EA 12" x 6" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	145.04	
02464-0232	EA 12" x 8" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	289.89	
02464-0233	EA 12" x 10" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	336.96	
02464-0234	EA 15" x 4" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	162.54	
02464-0235	EA 15" x 6" SDR 35 PVC Saddle Wye With Stainless Steel Clamps	171.07	

02464-0236 SDR 35 PVC Saddle Tee With Stainless Steel Clamps (02464-0151)

02000 Site Construction**02450 Utility Pipelines****02464 Plastic Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02464-0237	EA	6" x 4" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	61.46	
02464-0238	EA	8" x 4" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	75.35	
02464-0239	EA	8" x 6" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	80.57	
02464-0240	EA	10" x 4" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	109.52	
02464-0241	EA	10" x 6" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	121.84	
02464-0242	EA	10" x 8" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	173.25	
02464-0243	EA	12" x 4" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	134.64	
02464-0244	EA	12" x 6" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	144.45	
02464-0245	EA	12" x 8" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	202.70	
02464-0246	EA	12" x 10" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	240.71	
02464-0247	EA	15" x 4" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	162.15	
02464-0248	EA	15" x 6" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	168.18	
02464-0249	EA	15" x 8" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	254.30	
02464-0250	EA	15" x 10" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	277.24	
02464-0251	EA	15" x 12" SDR 35 PVC Saddle Tee With Stainless Steel Clamps.....	375.83	

02464-0254 Couplings And Plug Fittings (02464)**02464-0255 Flexible Coupling (02464-0254)**

Note: For cast iron, concrete or plastic to cast iron, concrete or plastic (FERNCO #1056).

02464-0256	EA	1-1/2" x 1-1/2" Flexible Coupling With Stainless Steel Clamps.....	11.65	4.13
02464-0257	EA	2" x 2" Flexible Coupling With Stainless Steel Clamps.....	12.74	4.81
02464-0258	EA	3" x 3" Flexible Coupling With Stainless Steel Clamps.....	14.74	5.50
02464-0259	EA	4" x 4" Flexible Coupling With Stainless Steel Clamps.....	16.72	5.85
02464-0260	EA	5" x 5" Flexible Coupling With Stainless Steel Clamps.....	20.49	6.19
02464-0261	EA	6" x 6" Flexible Coupling With Stainless Steel Clamps.....	24.28	6.88
02464-0262	EA	8" x 8" Flexible Coupling With Stainless Steel Clamps.....	30.94	7.56
02464-0263	EA	10" x 10" Flexible Coupling With Stainless Steel Clamps.....	38.24	7.91
02464-0264	EA	12" x 12" Flexible Coupling With Stainless Steel Clamps.....	75.00	8.25

02464-0265 Pressure Pipe (02464)**02464-0266 Class 200 SDR 21 PVC Pressure Pipe And Fittings (02464-0265)****02464-0267 Class 200 SDR 21 PVC Pressure Pipe (02464-0266)**

02464-0268	LF	3/4" Class 200 SDR 21 PVC Pressure Pipe.....	1.46	0.53
	02MOD-0173	For > 1000, Deduct	-0.07	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.03	
02464-0269	LF	1" Class 200 SDR 21 PVC Pressure Pipe.....	1.60	0.57
	02MOD-0173	For > 1000, Deduct	-0.07	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.04	
02464-0270	LF	1-1/4" Class 200 SDR 21 PVC Pressure Pipe.....	1.83	0.63
	02MOD-0173	For > 1000, Deduct	-0.08	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.07	
02464-0271	LF	1-1/2" Class 200 SDR 21 PVC Pressure Pipe.....	2.10	0.69
	02MOD-0173	For > 1000, Deduct	-0.09	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.10	
02464-0272	LF	2" Class 200 SDR 21 PVC Pressure Pipe.....	2.63	0.77
	02MOD-0173	For > 1000, Deduct	-0.10	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.18	
02464-0273	LF	2-1/2" Class 200 SDR 21 PVC Pressure Pipe.....	3.29	0.88
	02MOD-0173	For > 1000, Deduct	-0.11	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.28	
02464-0274	LF	3" Class 200 SDR 21 PVC Pressure Pipe.....	4.06	1.03
	02MOD-0173	For > 1000, Deduct	-0.13	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.38	
02464-0275	LF	4" Class 200 SDR 21 PVC Pressure Pipe.....	5.61	1.26
	02MOD-0173	For > 1000, Deduct	-0.16	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.62	
02464-0276	LF	6" Class 200 SDR 21 PVC Pressure Pipe.....	9.37	1.61
	02MOD-0173	For > 1000, Deduct	-0.20	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	1.34	
02464-0277	LF	8" Class 200 SDR 21 PVC Pressure Pipe.....	14.28	2.08
	02MOD-0173	For > 1000, Deduct	-0.26	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	2.27	
02464-0278	LF	10" Class 200 SDR 21 PVC Pressure Pipe.....	21.07	2.78
	02MOD-0173	For > 1000, Deduct	-0.35	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	3.53	
02464-0279	LF	12" Class 200 SDR 21 PVC Pressure Pipe.....	29.26	3.74
	02MOD-0173	For > 1000, Deduct	-0.47	
	02MOD-0174	For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	4.98	

02464-0280 Class 200 SDR 21 PVC 90 And 45 Degree Elbows (02464-0266)

02464-0281	EA	3/4" Class 200 SDR 21 PVC 90 Degree Elbows.....	16.10	6.38
02464-0282	EA	1" Class 200 SDR 21 PVC 90 Degree Elbows.....	20.31	7.98
02464-0283	EA	1-1/4" Class 200 SDR 21 PVC 90 Degree Elbows.....	25.53	9.97
02464-0284	EA	1-1/2" Class 200 SDR 21 PVC 90 Degree Elbows.....	35.43	11.03
02464-0285	EA	2" Class 200 SDR 21 PVC 90 Degree Elbows.....	38.62	12.36
02464-0286	EA	2-1/2" Class 200 SDR 21 PVC 90 Degree Elbows.....	45.29	14.03
02464-0287	EA	3" Class 200 SDR 21 PVC 90 Degree Elbows.....	52.49	16.43



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02464-0288	EA	4" Class 200 SDR 21 PVC 90 Degree Elbows	70.74	20.18
02464-0289	EA	6" Class 200 SDR 21 PVC 90 Degree Elbows	99.08	25.63
02464-0290	EA	8" Class 200 SDR 21 PVC 90 Degree Elbows	154.00	33.65
02464-0291	EA	10" Class 200 SDR 21 PVC 90 Degree Elbows	192.34	45.02
02464-0292	EA	12" Class 200 SDR 21 PVC 90 Degree Elbows	255.13	60.59
02464-0293	EA	3/4" Class 200 SDR 21 PVC 45 Degree Elbows	16.31	6.38
02464-0294	EA	1" Class 200 SDR 21 PVC 45 Degree Elbows	20.46	7.98
02464-0295	EA	1-1/4" Class 200 SDR 21 PVC 45 Degree Elbows	25.62	9.97
02464-0296	EA	1-1/2" Class 200 SDR 21 PVC 45 Degree Elbows	32.69	11.03
02464-0297	EA	2" Class 200 SDR 21 PVC 45 Degree Elbows	38.88	12.36
02464-0298	EA	2-1/2" Class 200 SDR 21 PVC 45 Degree Elbows	46.32	14.03
02464-0299	EA	3" Class 200 SDR 21 PVC 45 Degree Elbows	52.05	16.43
02464-0300	EA	4" Class 200 SDR 21 PVC 45 Degree Elbows	69.80	20.18
02464-0301	EA	6" Class 200 SDR 21 PVC 45 Degree Elbows	97.17	25.63
02464-0302	EA	8" Class 200 SDR 21 PVC 45 Degree Elbows	150.37	33.65
02464-0303	EA	10" Class 200 SDR 21 PVC 45 Degree Elbows	177.29	45.02
02464-0304	EA	12" Class 200 SDR 21 PVC 45 Degree Elbows	234.30	60.59
02464-0305 Class 200 SDR 21 PVC Tees Or Wyes (02464-0266)				
02464-0306	EA	3/4" Class 200 SDR 21 PVC Tees Or Wyes.....	24.14	9.57
02464-0307	EA	1" Class 200 SDR 21 PVC Tees Or Wyes.....	30.43	12.03
02464-0308	EA	1-1/4" Class 200 SDR 21 PVC Tees Or Wyes.....	38.09	15.02
02464-0309	EA	1-1/2" Class 200 SDR 21 PVC Tees Or Wyes.....	49.76	16.62
02464-0310	EA	2" Class 200 SDR 21 PVC Tees Or Wyes.....	56.37	18.48
02464-0311	EA	2-1/2" Class 200 SDR 21 PVC Tees Or Wyes.....	65.26	21.07
02464-0312	EA	3" Class 200 SDR 21 PVC Tees Or Wyes.....	79.89	24.58
02464-0313	EA	4" Class 200 SDR 21 PVC Tees Or Wyes.....	103.31	30.29
02464-0314	EA	6" Class 200 SDR 21 PVC Tees Or Wyes.....	161.77	38.50
02464-0315	EA	8" Class 200 SDR 21 PVC Tees Or Wyes.....	236.60	50.47
02464-0316	EA	10" Class 200 SDR 21 PVC Tees Or Wyes.....	278.00	66.64
02464-0317	EA	12" Class 200 SDR 21 PVC Tees Or Wyes.....	352.09	89.67
02464-0318 Class 200 SDR 21 PVC Couplings (02464-0266)				
02464-0319	EA	3/4" Class 200 SDR 21 PVC Couplings.....	10.77	4.26
02464-0320	EA	1" Class 200 SDR 21 PVC Couplings.....	14.52	5.72
02464-0321	EA	1-1/4" Class 200 SDR 21 PVC Couplings.....	19.29	7.51
02464-0322	EA	1-1/2" Class 200 SDR 21 PVC Couplings.....	25.32	8.31
02464-0323	EA	2" Class 200 SDR 21 PVC Couplings.....	27.99	9.24
02464-0324	EA	2-1/2" Class 200 SDR 21 PVC Couplings.....	31.85	10.51
02464-0325	EA	3" Class 200 SDR 21 PVC Couplings.....	37.65	12.29
02464-0326	EA	4" Class 200 SDR 21 PVC Couplings.....	50.27	15.12
02464-0327	EA	6" Class 200 SDR 21 PVC Couplings.....	69.93	19.26
02464-0328	EA	8" Class 200 SDR 21 PVC Couplings.....	112.82	25.23
02464-0329	EA	10" Class 200 SDR 21 PVC Couplings.....	133.10	33.34
02464-0330	EA	12" Class 200 SDR 21 PVC Couplings.....	171.27	44.83
02464-0331 Schedule 40 PVC Pipe And Fittings (02464-0265)				
02464-0332 Schedule 40 PVC Pipe (02464-0331)				
02464-0333	LF	3/4" Schedule 40 PVC Pipe.....	1.57	0.53
		02MOD-0175 For > 1000, Deduct	-0.07	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.06	
02464-0334	LF	1" Schedule 40 PVC Pipe.....	1.81	0.57
		02MOD-0175 For > 1000, Deduct	-0.07	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.10	
02464-0335	LF	1-1/2" Schedule 40 PVC Pipe.....	2.28	0.69
		02MOD-0175 For > 1000, Deduct	-0.09	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.14	
02464-0336	LF	2" Schedule 40 PVC Pipe.....	2.70	0.77
		02MOD-0175 For > 1000, Deduct	-0.10	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.19	
02464-0337	LF	2-1/2" Schedule 40 PVC Pipe.....	3.40	0.88
		02MOD-0175 For > 1000, Deduct	-0.11	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.30	
02464-0338	LF	3" Schedule 40 PVC Pipe.....	4.14	1.03
		02MOD-0175 For > 1000, Deduct	-0.13	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.40	
02464-0339	LF	4" Schedule 40 PVC Pipe.....	5.42	1.26
		02MOD-0175 For > 1000, Deduct	-0.16	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.57	
02464-0340	LF	6" Schedule 40 PVC Pipe.....	7.97	1.61
		02MOD-0175 For > 1000, Deduct	-0.20	
		02MOD-0176 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add	0.99	
02464-0341 Schedule 40 PVC 90 Degree Elbows (02464-0331)				
02464-0342	EA	3/4" Schedule 40 PVC 90 Degree Elbow.....	16.18	6.38
02464-0343	EA	1" Schedule 40 PVC 90 Degree Elbow.....	20.35	7.98
02464-0344	EA	1-1/2" Schedule 40 PVC 90 Degree Elbow.....	28.26	11.03

02000 Site Construction**02450 Utility Pipelines****02464 Plastic Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02464-0345	EA	2" Schedule 40 PVC 90 Degree Elbow.....	31.81	12.36
02464-0346	EA	2-1/2" Schedule 40 PVC 90 Degree Elbow.....	37.64	14.03
02464-0347	EA	3" Schedule 40 PVC 90 Degree Elbow.....	44.12	16.43
02464-0348	EA	4" Schedule 40 PVC 90 Degree Elbow.....	56.73	20.18
02464-0349	EA	6" Schedule 40 PVC 90 Degree Elbow.....	84.07	25.63
02464-0350		Schedule 40 PVC 45 Degree Elbows (02464-0331)		
02464-0351	EA	3/4" Schedule 40 PVC 45 Degree Elbow.....	16.16	6.38
02464-0352	EA	1" Schedule 40 PVC 45 Degree Elbow.....	20.34	7.98
02464-0353	EA	1-1/2" Schedule 40 PVC 45 Degree Elbow.....	28.27	11.03
02464-0354	EA	2" Schedule 40 PVC 45 Degree Elbow.....	31.74	12.36
02464-0355	EA	2-1/2" Schedule 40 PVC 45 Degree Elbow.....	37.44	14.03
02464-0356	EA	3" Schedule 40 PVC 45 Degree Elbow.....	43.89	16.43
02464-0357	EA	4" Schedule 40 PVC 45 Degree Elbow.....	56.26	20.18
02464-0358	EA	6" Schedule 40 PVC 45 Degree Elbow.....	82.59	25.63
02464-0359		Schedule 40 PVC Tees Or Wyes (02464-0331)		
02464-0360	EA	3/4" Schedule 40 PVC Tees Or Wyes.....	24.22	9.57
02464-0361	EA	1" Schedule 40 PVC Tees Or Wyes.....	30.49	12.03
02464-0362	EA	1-1/2" Schedule 40 PVC Tees Or Wyes.....	42.29	16.62
02464-0363	EA	2" Schedule 40 PVC Tees Or Wyes.....	47.46	18.48
02464-0364	EA	2-1/2" Schedule 40 PVC Tees Or Wyes.....	56.58	21.07
02464-0365	EA	3" Schedule 40 PVC Tees Or Wyes.....	67.11	24.58
02464-0366	EA	4" Schedule 40 PVC Tees Or Wyes.....	83.20	30.29
02464-0367	EA	6" Schedule 40 PVC Tees Or Wyes.....	127.53	38.50
02464-0368		Schedule 40 PVC Couplings (02464-0331)		
02464-0369	EA	3/4" Schedule 40 PVC Coupling.....	10.81	4.26
02464-0370	EA	1" Schedule 40 PVC Coupling.....	14.55	5.72
02464-0371	EA	1-1/2" Schedule 40 PVC Coupling.....	21.10	8.31
02464-0372	EA	2" Schedule 40 PVC Coupling.....	23.71	9.24
02464-0373	EA	2-1/2" Schedule 40 PVC Coupling.....	27.61	10.51
02464-0374	EA	3" Schedule 40 PVC Coupling.....	32.73	12.29
02464-0375	EA	4" Schedule 40 PVC Coupling.....	40.48	15.12
02464-0376	EA	6" Schedule 40 PVC Coupling.....	57.19	19.26
02464-0377		Schedule 40 PVC Cross (02464-0331)		
02464-0378	EA	3/4" Schedule 40 PVC Cross.....	32.36	12.77
02464-0379	EA	1" Schedule 40 PVC Cross.....	40.60	16.02
02464-0380	EA	1-1/2" Schedule 40 PVC Cross.....	56.39	22.14
02464-0381	EA	2" Schedule 40 PVC Cross.....	63.26	24.66
02464-0382	EA	2-1/2" Schedule 40 PVC Cross.....	75.40	28.05
02464-0383	EA	3" Schedule 40 PVC Cross.....	89.43	32.79
02464-0384	EA	4" Schedule 40 PVC Cross.....	110.89	40.35
02464-0385	EA	6" Schedule 40 PVC Cross.....	169.85	51.32
02464-0386		Schedule 80 PVC Pipe And Fittings (02464-0265)		
02464-0387		Schedule 80 PVC Pipe (02464-0386)		
02464-0388	LF	1" Schedule 80 PVC Pipe.....	1.92	0.57
		02MOD-0177 For > 1000, Deduct.....	-0.07	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	0.12	
02464-0389	LF	1-1/2" Schedule 80 PVC Pipe.....	2.51	0.69
		02MOD-0177 For > 1000, Deduct.....	-0.09	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	0.20	
02464-0390	LF	2" Schedule 80 PVC Pipe.....	3.09	0.77
		02MOD-0177 For > 1000, Deduct.....	-0.10	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	0.29	
02464-0391	LF	2-1/2" Schedule 80 PVC Pipe.....	3.91	0.88
		02MOD-0177 For > 1000, Deduct.....	-0.11	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	0.43	
02464-0392	LF	3" Schedule 80 PVC Pipe.....	4.84	1.03
		02MOD-0177 For > 1000, Deduct.....	-0.13	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	0.57	
02464-0393	LF	4" Schedule 80 PVC Pipe.....	6.50	1.26
		02MOD-0177 For > 1000, Deduct.....	-0.16	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	0.84	
02464-0394	LF	6" Schedule 80 PVC Pipe.....	10.38	1.61
		02MOD-0177 For > 1000, Deduct.....	-0.20	
		02MOD-0178 For Coloring Of PVC Pipe For Reclaimed Water Identification, Add.....	1.59	
02464-0395		Schedule 80 PVC 90 Degree Elbows (02464-0386)		
02464-0396	EA	1" Schedule 80 PVC 90 Degree Elbow.....	20.96	7.98
02464-0397	EA	1-1/2" Schedule 80 PVC 90 Degree Elbow.....	28.26	11.03
02464-0398	EA	2" Schedule 80 PVC 90 Degree Elbow.....	32.41	12.36



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02464-0399	EA	2-1/2" Schedule 80 PVC 90 Degree Elbow.....	38.91	14.03
02464-0400	EA	3" Schedule 80 PVC 90 Degree Elbow.....	45.30	16.43
02464-0401	EA	4" Schedule 80 PVC 90 Degree Elbow.....	57.01	20.18
02464-0402	EA	6" Schedule 80 PVC 90 Degree Elbow.....	82.72	25.63
02464-0403		Schedule 80 PVC 45 Degree Elbows (02464-0386)		
02464-0404	EA	1" Schedule 80 PVC 45 Degree Elbow.....	23.42	7.98
02464-0405	EA	1-1/2" Schedule 80 PVC 45 Degree Elbow.....	30.63	11.03
02464-0406	EA	2" Schedule 80 PVC 45 Degree Elbow.....	34.69	12.36
02464-0407	EA	2-1/2" Schedule 80 PVC 45 Degree Elbow.....	43.19	14.03
02464-0408	EA	3" Schedule 80 PVC 45 Degree Elbow.....	50.87	16.43
02464-0409	EA	4" Schedule 80 PVC 45 Degree Elbow.....	68.20	20.18
02464-0410	EA	6" Schedule 80 PVC 45 Degree Elbow.....	81.97	25.63
02464-0411		Schedule 80 PVC Tees Or Wyes (02464-0386)		
02464-0412	EA	1" Schedule 80 PVC Tees Or Wyes.....	31.75	12.03
02464-0413	EA	1-1/2" Schedule 80 PVC Tees Or Wyes.....	46.12	16.62
02464-0414	EA	2" Schedule 80 PVC Tees Or Wyes.....	52.02	18.48
02464-0415	EA	2-1/2" Schedule 80 PVC Tees Or Wyes.....	58.99	21.07
02464-0416	EA	3" Schedule 80 PVC Tees Or Wyes.....	69.42	24.58
02464-0417	EA	4" Schedule 80 PVC Tees Or Wyes.....	84.87	30.29
02464-0418	EA	6" Schedule 80 PVC Tees Or Wyes.....	127.47	38.50
02464-0419		Schedule 80 PVC Couplings (02464-0386)		
02464-0420	EA	1" Schedule 80 PVC Coupling.....	15.45	5.72
02464-0421	EA	1-1/2" Schedule 80 PVC Coupling.....	22.65	8.31
02464-0422	EA	2" Schedule 80 PVC Coupling.....	25.17	9.24
02464-0423	EA	2-1/2" Schedule 80 PVC Coupling.....	31.34	10.51
02464-0424	EA	3" Schedule 80 PVC Coupling.....	36.50	12.29
02464-0425	EA	4" Schedule 80 PVC Coupling.....	45.05	15.12
02464-0426	EA	6" Schedule 80 PVC Coupling.....	63.58	19.26
02464-0427		Schedule 80 PVC Cross (02464-0386)		
02464-0428	EA	1" Schedule 80 PVC Cross.....	42.27	16.02
02464-0429	EA	1-1/2" Schedule 80 PVC Cross.....	61.46	22.14
02464-0430	EA	2" Schedule 80 PVC Cross.....	69.32	24.66
02464-0431	EA	2-1/2" Schedule 80 PVC Cross.....	78.60	28.05
02464-0432	EA	3" Schedule 80 PVC Cross.....	92.50	32.79
02464-0433	EA	4" Schedule 80 PVC Cross.....	113.10	40.35
02464-0434	EA	6" Schedule 80 PVC Cross.....	169.77	51.32
02500		Site Drainage (02000)		
		Note: Underground utilities and pipe include warning tape.		
02511		Subdrainage (02500)		
02511-0001		Drainage Piping (02511)		
02511-0002		Perforated PVC Pipe, D2729 (02511-0001)		
		Note: Includes couplings, elbows, etc.		
02511-0003	LF	4" Diameter PVC Pipe, Underdrain.....	3.69	3.34
02511-0004	LF	6" Diameter PVC Pipe, Underdrain.....	4.89	4.02
02511-0005	LF	8" Diameter PVC Pipe, Underdrain.....	6.48	5.03
02511-0006	LF	10" Diameter PVC Pipe, Underdrain.....	8.64	5.74
02511-0007	LF	12" Diameter PVC Pipe, Underdrain.....	11.05	6.70
02511-0008	LF	15" Diameter PVC Pipe, Underdrain.....	25.68	8.04
02511-0009		Perforated Concrete Pipe, C444 (02511-0001)		
02511-0010	LF	6" Diameter Perforated Concrete Pipe, Foundation Drain.....	16.95	4.19
		02MOD-0179 For Extra Strength, Add	0.95	
		02MOD-0180 For > 1000, Deduct	-0.41	
02511-0011	LF	8" Diameter Perforated Concrete Pipe, Foundation Drain.....	19.65	4.89
		02MOD-0179 For Extra Strength, Add	1.18	
		02MOD-0180 For > 1000, Deduct	-0.50	
02511-0012	LF	10" Diameter Perforated Concrete Pipe, Foundation Drain.....	22.24	5.60
		02MOD-0179 For Extra Strength, Add	1.37	
		02MOD-0180 For > 1000, Deduct	-0.58	
02511-0013	LF	12" Diameter Perforated Concrete Pipe, Foundation Drain.....	26.37	6.99
		02MOD-0179 For Extra Strength, Add	1.72	
		02MOD-0180 For > 1000, Deduct	-0.73	
02511-0014		Concrete Pipe Extra Strength, Bell And Spigot (02511-0001)		
		Note: With seals and gaskets		

02000 Site Construction**02500 Site Drainage****02511 Subdrainage**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02511-0015	LF	6" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	17.74	8.80
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.26	
02511-0016	LF	8" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	19.64	9.79
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.28	
02511-0017	LF	10" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	21.66	10.77
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.31	
02511-0018	LF	12" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	24.52	11.18
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.39	
02511-0019	LF	15" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	28.26	11.18
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.48	
02511-0020	LF	18" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	35.01	16.07
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.59	
02511-0021	LF	21" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	43.82	20.62
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.72	
02511-0022	LF	24" Diameter Extra Strength Concrete Pipe Bell And Spigot/Tongue And Groove.....	51.29	25.16
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.89	
02511-0023		Porous Concrete Pipe Standard Strength, C654 <small>(02511-0001)</small>		
02511-0024	LF	6" Diameter Porous Concrete Pipe, Standard Strength, Foundation Drain.....	13.02	4.19
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.21	
02511-0025	LF	8" Diameter Porous Concrete Pipe, Standard Strength, Foundation Drain.....	16.39	4.89
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.34	
02511-0026	LF	10" Diameter Porous Concrete Pipe, Standard Strength, Foundation Drain.....	20.79	5.60
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.51	
02511-0027	LF	12" Diameter Porous Concrete Pipe, Standard Strength, Foundation Drain.....	25.50	6.99
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.69	
02511-0028	LF	15" Diameter Porous Concrete Pipe, Standard Strength, Foundation Drain.....	30.70	8.39
		<i>02MOD-0180 For > 1000, Deduct</i>	-0.81	
02511-0029	LF	18" Diameter Porous Concrete Pipe, Standard Strength, Foundation Drain.....	41.87	9.79
		<i>02MOD-0180 For > 1000, Deduct</i>	-1.08	
02511-0030		Perforated Clay Pipe, C700 <small>(02511-0001)</small>		
02511-0031	LF	4" Diameter Perforated Clay Pipe, Foundation Drain.....	10.85	5.60
02511-0032	LF	6" Diameter Perforated Clay Pipe, Foundation Drain.....	14.14	5.60
02511-0033	LF	8" Diameter Perforated Clay Pipe, Foundation Drain.....	16.06	5.60
02511-0034	LF	10" Diameter Perforated Clay Pipe, Foundation Drain.....	19.26	5.60
02511-0035	LF	12" Diameter Perforated Clay Pipe, Foundation Drain.....	22.85	5.60
02511-0036		Filter Fabric Sock <small>(02511-0001)</small>		
02511-0037	LF	3" Diameter Geotextile Filter Fabric Sock.....	0.50	
02511-0038	LF	4" Diameter Geotextile Filter Fabric Sock.....	0.66	
02511-0039	LF	6" Diameter Geotextile Filter Fabric Sock.....	1.00	
02511-0040	LF	8" Diameter Geotextile Filter Fabric Sock.....	1.35	
02511-0041	LF	10" Diameter Geotextile Filter Fabric Sock.....	1.94	
02511-0042	LF	12" Diameter Geotextile Filter Fabric Sock.....	2.59	
02512 Underslab Drainage <small>(02500)</small>				
02512-0001		Capillary Water Barrier <small>(02512)</small>		
		Note: Consists of a layer of fine granular material overlying a coarse layer under a deep top soil.		
02512-0002	CY	2" Capillary Water Barrier Compacted Thickness.....	22.98	
02512-0003	CY	4" Capillary Water Barrier Compacted Thickness.....	21.11	
02512-0004	CY	6" Capillary Water Barrier Compacted Thickness.....	20.37	
02512-0005	CY	8" Capillary Water Barrier Compacted Thickness.....	19.26	
02512-0006		Plastic Filter Fabric <small>(02512)</small>		
02512-0007	CSF	Plastic Filter Fabric Underground Drain Lines.....	87.73	
02520 Storm Drains <small>(02500)</small>				
		See CSI section 02561-0000 for manhole structures.		
02520-0001		Catch Basins And Inlet Basins <small>(02520)</small>		
		Note: Includes base slab, opening and grout. Excludes frame and grate, excavation and backfill.		
02520-0002		Grate Drop Inlet Basin <small>(02520-0001)</small>		
02520-0003		Grate Inlets, Light Duty 3' x 3' x 4" Thick Wall, Cast In Place <small>(02520-0002)</small>		
02520-0004	EA	3' x 3' x 2' Deep Cast In Place Grate Inlet, 4" Thick Wall, Storm Drainage.....	1,334.64	208.98
02520-0005	EA	3' x 3' x 3' Deep Cast In Place Grate Inlet, 4" Thick Wall, Storm Drainage.....	1,666.39	274.29
02520-0006	EA	3' x 3' x 4' Deep Cast In Place Grate Inlet, 4" Thick Wall, Storm Drainage.....	2,160.69	375.51
02520-0007	EA	3' x 3' x 5' Deep Cast In Place Grate Inlet, 4" Thick Wall, Storm Drainage.....	2,567.77	440.82
02520-0008	EA	3' x 3' x 6' Deep Cast In Place Grate Inlet, 4" Thick Wall, Storm Drainage.....	2,976.81	506.12
02520-0009		Grate Inlets, Light Duty 3'-8" x 3'-8" x 6" Thick Wall <small>(02520-0002)</small>		
		Note: Cast in place		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02520-0010 EA 3'-8" x 3'-8" x 2' Deep Cast In Place Grate Inlet, 6" Thick Wall, Storm Drainage	1,448.17	215.51
02520-0011 EA 3'-8" x 3'-8" x 3' Deep Cast In Place Grate Inlet, 6" Thick Wall, Storm Drainage	1,796.79	287.35
02520-0012 EA 3'-8" x 3'-8" x 4' Deep Cast In Place Grate Inlet, 6" Thick Wall, Storm Drainage	2,301.55	391.84
02520-0013 EA 3'-8" x 3'-8" x 5' Deep Cast In Place Grate Inlet, 6" Thick Wall, Storm Drainage	2,797.64	457.15
02520-0014 EA 3'-8" x 3'-8" x 6' Deep Cast In Place Grate Inlet, 6" Thick Wall, Storm Drainage	3,198.23	522.45
02520-0015 Grate Inlets, Heavy Duty 4' x 4' x 8" Thick Wall, Cast In Place (02520-0002)		
02520-0016 EA 4' x 4' x 2' Deep Cast In Place Grate Inlet, 8" Thick Wall, Storm Drainage	1,555.43	235.10
02520-0017 EA 4' x 4' x 3' Deep Cast In Place Grate Inlet, 8" Thick Wall, Storm Drainage	2,153.86	326.53
02520-0018 EA 4' x 4' x 4' Deep Cast In Place Grate Inlet, 8" Thick Wall, Storm Drainage	2,640.19	424.50
02520-0019 EA 4' x 4' x 5' Deep Cast In Place Grate Inlet, 8" Thick Wall, Storm Drainage	3,049.13	489.80
02520-0020 EA 4' x 4' x 6' Deep Cast In Place Grate Inlet, 8" Thick Wall, Storm Drainage	3,869.39	626.94
02520-0021 Precast Concrete Catch Basins (02520-0001)		
02520-0022 Precast Catch Basins - 18" Inside Dimension (02520-0021)		
02520-0023 EA 18" Inside Dimension Precast Catch Basin, 4' Deep	458.25	149.01
02520-0024 EA 18" Inside Dimension Precast Catch Basin, 6' Deep	640.99	223.51
02520-0025 EA 18" Inside Dimension Precast Catch Basin, 8' Deep	815.29	290.57
02520-0026 EA 18" Inside Dimension Precast Catch Basin, 10' Deep	974.81	343.46
02520-0027 EA 18" Inside Dimension Precast Catch Basin, 12' Deep	1,203.49	435.85
02520-0028 EA 18" Inside Dimension Precast Catch Basin, 14' Deep	1,377.83	502.90
02520-0029 VLF 18" Inside Dimension Precast Catch Basin, Vertical Linear Foot Over 14' Deep	96.25	33.52
02520-0030 Precast Catch Basins - 2' Inside Dimension (02520-0021)		
02520-0031 EA 2' Inside Dimension Precast Catch Basin, 4' Deep	521.26	165.77
02520-0032 EA 2' Inside Dimension Precast Catch Basin, 6' Deep	725.19	245.87
02520-0033 EA 2' Inside Dimension Precast Catch Basin, 8' Deep	918.68	324.09
02520-0034 EA 2' Inside Dimension Precast Catch Basin, 10' Deep	1,094.69	378.11
02520-0035 EA 2' Inside Dimension Precast Catch Basin, 12' Deep	1,360.13	484.28
02520-0036 EA 2' Inside Dimension Precast Catch Basin, 14' Deep	1,555.19	558.78
02520-0037 VLF 2' Inside Dimension Precast Catch Basin, Vertical Linear Foot Over 14' Deep	108.69	40.23
02520-0038 Precast Catch Basins - 3' Inside Dimension (02520-0021)		
02520-0039 EA 3' Inside Dimension Precast Catch Basin, 4' Deep	682.11	195.58
02520-0040 EA 3' Inside Dimension Precast Catch Basin, 6' Deep	936.43	289.07
02520-0041 EA 3' Inside Dimension Precast Catch Basin, 8' Deep	1,181.14	381.83
02520-0042 EA 3' Inside Dimension Precast Catch Basin, 10' Deep	1,470.95	476.83
02520-0043 EA 3' Inside Dimension Precast Catch Basin, 12' Deep	1,739.23	568.47
02520-0044 EA 3' Inside Dimension Precast Catch Basin, 14' Deep	1,999.07	661.60
02520-0045 VLF 3' Inside Dimension Precast Catch Basin, Vertical Linear Foot Over 14' Deep	137.95	47.26
02520-0046 Precast Catch Basins - 4' Inside Dimension (02520-0021)		
02520-0047 EA 4' Inside Dimension Precast Catch Basin, 4' Deep	820.48	217.55
02520-0048 EA 4' Inside Dimension Precast Catch Basin, 6' Deep	1,070.83	298.02
02520-0049 EA 4' Inside Dimension Precast Catch Basin, 8' Deep	1,445.70	447.03
02520-0050 EA 4' Inside Dimension Precast Catch Basin, 10' Deep	1,804.16	558.78
02520-0051 EA 4' Inside Dimension Precast Catch Basin, 12' Deep	2,134.97	670.54
02520-0052 EA 4' Inside Dimension Precast Catch Basin, 14' Deep	2,456.59	782.30
02520-0053 VLF 4' Inside Dimension Precast Catch Basin, Vertical Linear Foot Over 14' Deep	169.14	55.87
02520-0054 Precast Catch Basins - 5' Inside Dimension (02520-0021)		
02520-0055 EA 5' Inside Dimension Precast Catch Basin, 4' Deep	1,105.82	298.02
02520-0056 EA 5' Inside Dimension Precast Catch Basin, 6' Deep	1,523.48	447.03
02520-0057 EA 5' Inside Dimension Precast Catch Basin, 8' Deep	1,943.33	596.03
02520-0058 EA 5' Inside Dimension Precast Catch Basin, 10' Deep	2,379.92	745.04
02520-0059 EA 5' Inside Dimension Precast Catch Basin, 12' Deep	2,810.94	894.06
02520-0060 EA 5' Inside Dimension Precast Catch Basin, 14' Deep	3,273.46	1,043.06
02520-0061 VLF 5' Inside Dimension Precast Catch Basin, Vertical Linear Foot Over 14' Deep	225.07	74.51
02520-0062 Precast Catch Basins - 6' Inside Dimension (02520-0021)		
02520-0063 EA 6' Inside Dimension Precast Catch Basin, 4' Deep	1,620.69	447.03
02520-0064 EA 6' Inside Dimension Precast Catch Basin, 6' Deep	2,212.75	670.54
02520-0065 EA 6' Inside Dimension Precast Catch Basin, 8' Deep	2,843.58	894.06
02520-0066 EA 6' Inside Dimension Precast Catch Basin, 10' Deep	3,544.76	1,117.57
02520-0067 EA 6' Inside Dimension Precast Catch Basin, 12' Deep	4,226.48	1,341.08
02520-0068 EA 6' Inside Dimension Precast Catch Basin, 14' Deep	4,894.59	1,564.60
02520-0069 VLF 6' Inside Dimension Precast Catch Basin, Vertical Linear Foot Over 14' Deep	335.67	111.76
02520-0070 Precast Catch Basins Accessories (02520-0021)		
02520-0071 EA Single Or Double Wing Slab Top With Throat	1,031.05	484.28
02520-0072 EA Precast Catch Basin, 4' x 4' Weir Box	433.56	59.60

02000 Site Construction**02500 Site Drainage****02520 Storm Drains**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02520-0073	EA	Precast Catch Basin, 4' Diameter Inlets Round To Square Adapter	251.36	63.33
02520-0074	EA	3' Precast Extension Ring	316.61	93.13
02520-0075	EA	4' Precast Extension Ring	373.95	111.76
02520-0076	EA	5' Precast Extension Ring	436.11	130.38
02520-0077	EA	6' Precast Extension Ring	551.68	186.26
02520-0078	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade.....	447.00	
02520-0079		Catch Basin Risers (02520-0021)		
02520-0080	EA	Up to 2" Rise, Less Than 860 Square Inches	269.29	
02520-0081	EA	Up to 2" Rise, From 861 to 1140 Square Inches.....	300.29	
02520-0082	EA	Up to 2" Rise, More than 1140 Square Inches.....	337.15	
02520-0083	EA	From 2 1/4" to 3" Rise, Less Than 860 Square Inches	289.86	
02520-0084	EA	From 2 1/4" to 3" Rise, From 861 to 1140 Square Inches.....	322.95	
02520-0085	EA	From 2 1/4" to 3" Rise, More Than 1140 Square Inches.....	363.80	
02520-0086	EA	From 3 1/4" to 4" Rise, Less Than 860 Square Inches	320.48	
02520-0087	EA	From 3 1/4" to 4" Rise, From 861 to 1140 Square Inches.....	349.89	
02520-0088	EA	From 3 1/4" to 4" Rise, More Than 1140 Square Inches.....	390.88	
02520-0089		Headwalls (02520)		
		Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.		
02520-0090		Cast In Place Concrete (02520-0089)		
02520-0091		30 Degree Skewed Wingwall, Sized By Drain Pipe Diameter (02520-0090)		
02520-0092	EA	12" Pipe Cast In Place Concrete Headwall, 30 Degree Skewed Wingwall	1,134.16	440.82
02520-0093		Precast Concrete Headwalls (02520-0089)		
02520-0094	EA	Precast Concrete Headwall, 12" Pipe	448.36	125.80
02520-0095		Precast Concrete Wingwalls (02520-0089)		
02520-0096	EA	Precast Concrete Wingwall For 18" ID Pipe With 26" Diameter Hole	2,894.26	1,308.66
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
02520-0097	EA	Precast Concrete Wingwall For 24" ID Pipe With 32" Diameter Hole	3,114.56	1,454.06
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
02520-0098		Catch Basin Frames And Covers (02520)		
02520-0099		Cast Iron Frames And Covers (02520-0098)		
02520-0100	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	375.81	74.51
02520-0101	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	467.35	84.19
02520-0102	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	522.23	87.17
02520-0103	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	585.83	101.32
02520-0104	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	677.93	115.48
02520-0105	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	1,048.72	120.70
02520-0106	EA	16" x 16" Cast Iron Catch Basin Frame And Cover.....	580.81	91.64
02520-0107	EA	18" x 24" Cast Iron Catch Basin Frame And Cover.....	747.09	105.80
02520-0108	EA	20" x 27" Cast Iron Catch Basin Frame And Cover.....	838.17	110.26
02520-0109	EA	23" x 23" Cast Iron Catch Basin Frame And Cover.....	796.34	110.26
02520-0110	EA	24" x 24" Cast Iron Catch Basin Frame And Cover.....	823.71	114.74
02520-0111	EA	26" x 26" Cast Iron Catch Basin Frame And Cover.....	819.20	119.21
02520-0112	EA	24" x 36" Cast Iron Catch Basin Frame And Cover.....	1,049.25	128.15
02520-0113		Curb Inlet Frames And Covers (02520)		
02520-0114		Cast Iron Frames And Covers (02520-0113)		
02520-0115	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	714.14	87.17
02520-0116	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	765.15	101.32
02520-0117	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	792.56	101.32
02520-0118	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	868.29	119.21
02520-0119	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	855.74	122.93
02520-0120		Modular Trench Drains (02520)		
		Note: Excludes concrete. See CSI section 03311-0002 for concrete.		
02520-0121		Modular Trench Drains (02520-0120)		
		Note: Excludes grates. See CSI section 02520-0215 for grates.		
02520-0122		6" Wide, Modular Trench Drains (02520-0121)		
02520-0123		6" Wide, High Density Polyethylene, Modular Trench Drains (02520-0122)		
02520-0124		6" Wide, High Density Polyethylene, Modular Trench Drains (02520-0123)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02520-0125	LF 6" Wide, High Density Polyethylene, Modular Trench Drain.....	74.45	11.92
	<i>02MOD-0599 For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	29.34	
	<i>02MOD-0600 For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	58.88	
	<i>02MOD-0601 For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	93.88	
	<i>02MOD-0602 For Type 304 Stainless Steel Top Veneer Frame, Add</i>	23.47	
	<i>02MOD-0603 For Aluminum Veneer Bronze Anodized Frame, Add</i>	11.74	
02520-0126	Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains		
	<i>(02520-0123)</i>		
02520-0127	EA Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	36.02	
02520-0128	EA No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	43.47	
02520-0129	EA No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	43.47	
02520-0130	Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains		
	<i>(02520-0123)</i>		
02520-0131	EA Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	59.28	
02520-0132	EA Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	59.28	
02520-0133	EA 90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	271.95	
02520-0134	EA Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	506.65	
02520-0135	EA Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	58.68	
02520-0136	6" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(02520-0122)</i>		
02520-0137	6" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(02520-0136)</i>		
02520-0138	LF 6" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	102.03	11.92
	<i>02MOD-0604 For Black Acid Resistant Coated Frame, Add</i>	22.30	
	<i>02MOD-0605 For Galvanized Top Frame Assembly, Add</i>	22.30	
	<i>02MOD-0606 For Type 304 Stainless Steel Top Frame Assembly, Add</i>	82.14	
02520-0139	Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains		
	<i>(02520-0136)</i>		
02520-0140	EA Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	38.37	
02520-0141	EA No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	45.82	
02520-0142	EA No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	45.82	
02520-0143	Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains		
	<i>(02520-0136)</i>		
02520-0144	EA Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	59.28	
02520-0145	EA Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	59.28	
02520-0146	EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	271.95	
02520-0147	EA Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	506.65	
02520-0148	EA Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	58.68	
02520-0149	6" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0122)</i>		
02520-0150	6" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0149)</i>		
02520-0151	LF 6" Wide, Vinylester Fiberglass, Modular Trench Drain.....	127.85	11.92
	<i>02MOD-0604 For Black Acid Resistant Coated Frame, Add</i>	22.30	
	<i>02MOD-0605 For Galvanized Top Frame Assembly, Add</i>	22.30	
	<i>02MOD-0606 For Type 304 Stainless Steel Top Frame Assembly, Add</i>	82.14	
02520-0152	Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0149)</i>		
	<i>(0149)</i>		
02520-0153	EA Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	57.15	
02520-0154	EA No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	64.60	
02520-0155	EA No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	64.60	
02520-0156	Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0149)</i>		
	<i>(02520-0149)</i>		
02520-0157	EA Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	59.28	
02520-0158	EA Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	59.28	
02520-0159	EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	271.95	
02520-0160	EA Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	506.65	
02520-0161	EA Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	58.68	
02520-0162	12" Wide, Modular Trench Drains <i>(02520-0121)</i>		
02520-0163	12" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0162)</i>		
02520-0164	12" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0163)</i>		
02520-0165	LF 12" Wide, High Density Polyethylene, Modular Trench Drain.....	132.53	16.39
	<i>02MOD-0607 For Acid Resistant Coated Top Frame, Add</i>	30.51	
	<i>02MOD-0608 For Galvanized Welded Frame Assembly, Add</i>	31.98	
	<i>02MOD-0609 For Type 304 Stainless Steel Top Frame, Add</i>	183.07	

02000 Site Construction**02500 Site Drainage****02520 Storm Drains**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02520-0166		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0163)</i>		
02520-0167	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	67.98	
02520-0168	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	77.92	
02520-0169	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	77.92	
02520-0170		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0163)</i>		
02520-0171	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	103.29	
02520-0172	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	132.63	
02520-0173	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	526.71	
02520-0174	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	996.11	
02520-0175	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	117.35	
02520-0176		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(02520-0176)</i>		
02520-0177		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(02520-0176)</i>		
02520-0178	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	161.86	16.39
		<i>02MOD-0607 For Acid Resistant Coated Top Frame, Add</i>	30.51	
		<i>02MOD-0608 For Galvanized Welded Frame Assembly, Add</i>	31.98	
		<i>02MOD-0609 For Type 304 Stainless Steel Top Frame, Add</i>	183.07	
02520-0179		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(02520-0176)</i>		
02520-0180	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	70.33	
02520-0181	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	80.27	
02520-0182	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	80.27	
02520-0183		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(02520-0176)</i>		
02520-0184	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	103.29	
02520-0185	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	132.63	
02520-0186	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	526.71	
02520-0187	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	996.11	
02520-0188	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	117.35	
02520-0189		12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0189)</i>		
02520-0190		12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0189)</i>		
02520-0191	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain.....	220.54	16.39
		<i>02MOD-0607 For Acid Resistant Coated Top Frame, Add</i>	30.51	
		<i>02MOD-0608 For Galvanized Welded Frame Assembly, Add</i>	31.98	
		<i>02MOD-0609 For Type 304 Stainless Steel Top Frame, Add</i>	183.07	
02520-0192		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0189)</i>		
02520-0193	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	158.34	
02520-0194	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	168.28	
02520-0195	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	168.28	
02520-0196		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(02520-0189)</i>		
02520-0197	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	103.29	
02520-0198	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	132.63	
02520-0199	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	526.71	
02520-0200	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	996.11	
02520-0201	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	117.35	
02520-0202		23" Wide, Modular Trench Drains <i>(02520-0202)</i>		
02520-0203		23" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0203)</i>		
02520-0204		23" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0203)</i>		
02520-0205	LF	23" Wide, High Density Polyethylene, Modular Trench Drain.....	184.53	22.35
		<i>02MOD-0610 For Acid Resistant Coated Frame, Add</i>	45.77	
		<i>02MOD-0611 For Galvanized Frame Assembly, Add</i>	45.77	
		<i>02MOD-0612 For Type 304 Stainless Steel Top Frame, Add</i>	281.64	
02520-0206		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains <i>(02520-0203)</i>		
02520-0207	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	195.47	
02520-0208	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	300.92	
02520-0209	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	300.92	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02520-0210 Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains

(02520-0203)

02520-0211	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	227.71
02520-0212	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,031.92
02520-0213	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,970.72
02520-0214	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	234.70

02520-0215 Modular Trench Drain Grates *(02520-0120)*

02520-0216 6" Wide, Modular Trench Drain Grates *(02520-0215)*

02520-0217	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate.....	60.06	2.23
02520-0218	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate.....	51.20	2.23
02520-0219	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate.....	53.66	2.23
02520-0220	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	47.15	2.23
02520-0221	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	50.67	2.23
02520-0222	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	51.26	2.23
02520-0223	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate.....	51.26	2.23
02520-0224	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate.....	50.67	2.23
02520-0225	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate.....	44.80	2.23
02520-0226	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate.....	44.80	2.23
02520-0227	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate.....	47.50	2.23
02520-0228	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate.....	47.50	2.23
02520-0229	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate.....	61.23	2.23
02520-0230	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate.....	61.23	2.23
02520-0231	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	110.52	2.23
02520-0232	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate.....	110.52	2.23
02520-0233	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate.....	304.15	2.23
02520-0234	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate.....	42.46	2.23
02520-0235	LF	6" Wide, Fiberglass, Modular Trench Drain Grate.....	89.40	2.23

02520-0236 12" Wide, Modular Trench Drain Grates *(02520-0215)*

02520-0237	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate.....	162.52	2.42
02520-0238	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate.....	155.48	2.42
02520-0239	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	135.53	2.42
02520-0240	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	142.28	2.42
02520-0241	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate.....	123.21	2.42
02520-0242	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate.....	239.09	2.42
02520-0243	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate.....	239.09	2.42
02520-0244	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate.....	304.52	2.42
02520-0245	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate.....	304.52	2.42
02520-0246	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	388.13	2.42
02520-0247	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate.....	388.13	2.42
02520-0248	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate.....	368.47	2.42
02520-0249	LF	12" Wide, Fiberglass, Modular Trench Drain Grate.....	175.14	2.42

02520-0250 23" Wide, Modular Trench Drain Grates *(02520-0215)*

02520-0251	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate.....	255.60	2.61
02520-0252	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	215.70	2.61
02520-0253	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	333.05	2.61
02520-0254	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate.....	247.38	2.61

02520-0255 Area Yard Drain *(02520)*

02520-0256 Ductile Iron Grates *(02520-0255)*

Note: Not for traffic loading

02520-0257	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe.....	106.48	24.64
02520-0258	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe.....	130.80	26.28
02520-0259	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe.....	306.38	32.86
02520-0260	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe.....	366.08	39.42

02525 Culverts *(02500)*

02525-0001 Precast Reinforced Concrete Box Culvert *(02525)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

02525-0002	LF	4' x 2' Precast Reinforced Concrete Box Culvert.....	187.37	36.72
		<i>02MOD-0181 For Each LF Of Cut-Off Section, Add</i>	<i>7.49</i>	
02525-0003	LF	4' x 3' Precast Reinforced Concrete Box Culvert.....	202.95	36.72
		<i>02MOD-0181 For Each LF Of Cut-Off Section, Add</i>	<i>8.12</i>	
02525-0004	LF	5' x 3' Precast Reinforced Concrete Box Culvert.....	266.02	45.89
		<i>02MOD-0181 For Each LF Of Cut-Off Section, Add</i>	<i>10.64</i>	
02525-0005	LF	5' x 4' Precast Reinforced Concrete Box Culvert.....	284.81	45.89
		<i>02MOD-0181 For Each LF Of Cut-Off Section, Add</i>	<i>11.39</i>	

02000 Site Construction**02500 Site Drainage****02525 Culverts**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02525-0006	LF	5' x 5' Precast Reinforced Concrete Box Culvert	303.59	45.89
		02MOD-0181 For Each LF Of Cut-Off Section, Add	12.14	
02525-0007	LF	6' x 3' Precast Reinforced Concrete Box Culvert	320.91	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	12.84	
02525-0008	LF	6' x 4' Precast Reinforced Concrete Box Culvert	342.87	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	13.71	
02525-0009	LF	6' x 6' Precast Reinforced Concrete Box Culvert	386.64	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	15.47	
02525-0010	LF	7' x 4' Precast Reinforced Concrete Box Culvert	417.67	55.08
		02MOD-0181 For Each LF Of Cut-Off Section, Add	16.71	
02525-0011	LF	7' x 6' Precast Reinforced Concrete Box Culvert	507.05	74.91
		02MOD-0181 For Each LF Of Cut-Off Section, Add	20.28	
02525-0012	LF	8' x 2' Precast Reinforced Concrete Box Culvert	378.19	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	15.13	
02525-0013	LF	8' x 3' Precast Reinforced Concrete Box Culvert	413.68	55.08
		02MOD-0181 For Each LF Of Cut-Off Section, Add	16.55	
02525-0014	LF	8' x 4' Precast Reinforced Concrete Box Culvert	442.65	55.08
		02MOD-0181 For Each LF Of Cut-Off Section, Add	17.71	
02525-0015	LF	8' x 5' Precast Reinforced Concrete Box Culvert	504.16	73.43
		02MOD-0181 For Each LF Of Cut-Off Section, Add	20.17	
02525-0016	LF	8' x 6' Precast Reinforced Concrete Box Culvert	529.13	73.43
		02MOD-0181 For Each LF Of Cut-Off Section, Add	21.17	
02525-0017	LF	8' x 8' Precast Reinforced Concrete Box Culvert	615.60	91.80
		02MOD-0181 For Each LF Of Cut-Off Section, Add	24.62	
02525-0018	LF	9' x 4' Precast Reinforced Concrete Box Culvert	549.04	73.43
		02MOD-0181 For Each LF Of Cut-Off Section, Add	21.96	
02525-0019	LF	9' x 6' Precast Reinforced Concrete Box Culvert	641.70	91.80
		02MOD-0181 For Each LF Of Cut-Off Section, Add	25.67	
02525-0020	LF	10' x 3' Precast Reinforced Concrete Box Culvert	630.25	91.80
		02MOD-0181 For Each LF Of Cut-Off Section, Add	25.21	
02525-0021	LF	10' x 4' Precast Reinforced Concrete Box Culvert	660.37	91.80
		02MOD-0181 For Each LF Of Cut-Off Section, Add	26.41	
02525-0022	LF	10' x 5' Precast Reinforced Concrete Box Culvert	729.08	110.15
		02MOD-0181 For Each LF Of Cut-Off Section, Add	29.16	
02525-0023	LF	10' x 6' Precast Reinforced Concrete Box Culvert	760.45	110.15
		02MOD-0181 For Each LF Of Cut-Off Section, Add	30.42	
02525-0024	LF	10' x 7' Precast Reinforced Concrete Box Culvert	791.81	110.15
		02MOD-0181 For Each LF Of Cut-Off Section, Add	31.67	
02525-0025	LF	10' x 8' Precast Reinforced Concrete Box Culvert	822.98	110.15
		02MOD-0181 For Each LF Of Cut-Off Section, Add	32.92	
02525-0026	LF	12' x 3' Precast Reinforced Concrete Box Culvert	715.25	128.52
		02MOD-0181 For Each LF Of Cut-Off Section, Add	28.61	
02525-0027	LF	12' x 4' Precast Reinforced Concrete Box Culvert	905.30	128.52
		02MOD-0181 For Each LF Of Cut-Off Section, Add	36.21	
02525-0028	LF	12' x 6' Precast Reinforced Concrete Box Culvert	980.43	128.52
		02MOD-0181 For Each LF Of Cut-Off Section, Add	39.22	
02525-0029	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,055.54	128.52
		02MOD-0181 For Each LF Of Cut-Off Section, Add	42.22	
02525-0030	LF	16' x 10' Precast Reinforced Concrete Box Culvert	1,317.23	146.88
		02MOD-0181 For Each LF Of Cut-Off Section, Add	52.69	
02525-0031	LF	24' x 10' Precast Reinforced Concrete Box Culvert	1,617.69	146.88
		02MOD-0181 For Each LF Of Cut-Off Section, Add	64.71	
02525-0032		Precast Reinforced Concrete Box Culvert For Roadways (02525)		
		Note: AASHTO H/20, H/25 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".		
02525-0033	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	555.62	36.72
		02MOD-0181 For Each LF Of Cut-Off Section, Add	22.22	
02525-0034	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	621.37	36.72
		02MOD-0181 For Each LF Of Cut-Off Section, Add	24.85	
02525-0035	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	705.48	45.89
		02MOD-0181 For Each LF Of Cut-Off Section, Add	28.22	
02525-0036	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	771.24	45.89
		02MOD-0181 For Each LF Of Cut-Off Section, Add	30.85	
02525-0037	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	836.99	45.89
		02MOD-0181 For Each LF Of Cut-Off Section, Add	33.48	
02525-0038	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	774.91	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	31.00	
02525-0039	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	840.66	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	33.63	
02525-0040	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	972.17	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	38.89	
02525-0041	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	921.10	55.08
		02MOD-0181 For Each LF Of Cut-Off Section, Add	36.84	
02525-0042	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,092.25	74.91
		02MOD-0181 For Each LF Of Cut-Off Section, Add	43.69	
02525-0043	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	840.66	47.73
		02MOD-0181 For Each LF Of Cut-Off Section, Add	33.63	
02525-0044	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	921.10	55.08
		02MOD-0181 For Each LF Of Cut-Off Section, Add	36.84	
02525-0045	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	986.85	55.08
		02MOD-0181 For Each LF Of Cut-Off Section, Add	39.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02525-0046 LF 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,089.32	73.43
02MOD-0181 For Each LF Of Cut-Off Section, Add	43.57	
02525-0047 LF 8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,155.08	73.43
02MOD-0181 For Each LF Of Cut-Off Section, Add	46.20	
02525-0048 LF 8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	1,323.31	91.80
02MOD-0181 For Each LF Of Cut-Off Section, Add	52.93	
02525-0049 LF 9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,165.84	73.43
02MOD-0181 For Each LF Of Cut-Off Section, Add	46.63	
02525-0050 LF 9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,343.09	91.80
02MOD-0181 For Each LF Of Cut-Off Section, Add	53.72	
02525-0051 LF 10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,328.79	91.80
02MOD-0181 For Each LF Of Cut-Off Section, Add	53.15	
02525-0052 LF 10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,406.87	91.80
02MOD-0181 For Each LF Of Cut-Off Section, Add	56.27	
02525-0053 LF 10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,521.65	110.15
02MOD-0181 For Each LF Of Cut-Off Section, Add	60.87	
02525-0054 LF 10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,599.73	110.15
02MOD-0181 For Each LF Of Cut-Off Section, Add	63.99	
02525-0055 LF 10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	1,677.82	110.15
02MOD-0181 For Each LF Of Cut-Off Section, Add	67.11	
02525-0056 LF 10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	1,755.90	110.15
02MOD-0181 For Each LF Of Cut-Off Section, Add	70.24	
02525-0057 LF 12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,766.05	128.52
02MOD-0181 For Each LF Of Cut-Off Section, Add	70.64	
02525-0058 LF 12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,854.80	128.52
02MOD-0181 For Each LF Of Cut-Off Section, Add	74.19	
02525-0059 LF 12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,032.34	128.52
02MOD-0181 For Each LF Of Cut-Off Section, Add	81.29	
02525-0060 LF 12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,209.87	128.52
02MOD-0181 For Each LF Of Cut-Off Section, Add	88.39	
02525-0061 LF 16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	2,641.10	146.88
02MOD-0181 For Each LF Of Cut-Off Section, Add	105.64	
02525-0062 LF 24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	3,311.77	146.88
02MOD-0181 For Each LF Of Cut-Off Section, Add	132.47	

02531 Drainage Wells (02500)

02531-0001 Drainage Wells (02531)

02531-0002 LF 12" Diameter Drainage Well With Corrugated Metal Liner.....	20.33
02531-0003 LF 18" Diameter Drainage Well With Corrugated Metal Liner.....	24.53
02531-0004 LF 24" Diameter Drainage Well With Corrugated Metal Liner.....	32.29

02550 Site Utilities (02000)

Note: New pipe includes hydrostatic testing and disinfecting. Underground utilities and pipe include warning tape. Excludes excavation and backfill. See CSI section 02215-0000 for excavation and backfill.

02551 Gas Distribution Lines (02550)

Note: Excludes excavation and backfill. See CSI section 02215-0000 for excavation and backfill.

02551-0001 Medium Density Polyethylene Pipe, 60 PSI PE2406/PE2708 (02551)

Note: Includes #12 tracer wire, helically wrapped around piping.

02551-0002 LF 1/2" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 9.3.....	3.99	1.12
02551-0003 LF 3/4" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	4.36	1.20
02551-0004 LF 1" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	4.74	1.28
02551-0005 LF 1-1/4" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	5.26	1.37
02551-0006 LF 1-1/2" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	6.61	1.64
02551-0007 LF 2" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	7.54	1.79
02551-0008 LF 2-1/2" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	9.91	2.09
02551-0009 LF 3" Gas Distribution Line Polyethylene, 60 PSI, Coils With Couplings, SDR 11.....	12.43	2.48
02551-0010 LF 3" Gas Distribution Line Polyethylene, 60 PSI, 40' Joints With Couplings, SDR 11.....	14.27	2.81
02551-0011 LF 4" Gas Distribution Line Polyethylene, 60 PSI, 40' Joints With Couplings, SDR 11.....	22.08	3.05
02551-0012 LF 6" Gas Distribution Line Polyethylene, 60 PSI, 40' Joints With Couplings, SDR 11.....	30.27	3.05
02551-0013 LF 8" Gas Distribution Line Polyethylene, 60 PSI, 40' Joints With Couplings, SDR 11.....	43.89	3.81
02551-0014 EA 1/2" Service Adapter, Brass.....	44.77	
02551-0015 EA 3/4" Service Adapter, Brass.....	49.27	
02551-0016 EA 1" Service Adapter, Brass.....	59.41	
02551-0017 EA 1-1/4" Service Adapter, Brass.....	74.72	
02551-0018 EA 1-1/2" Service Adapter, Brass.....	92.41	
02551-0019 EA 2" Service Adapter, Brass.....	114.15	
02551-0020 EA 2-1/2" Service Adapter, Brass.....	205.10	
02551-0021 EA 3" Service Adapter, Brass.....	251.17	
02551-0022 EA 4" Service Adapter, Brass.....	365.70	

02551-0023 Gas Line Taps (02551)

Note: Includes material to tap into main and gas valve.

02551-0024 Polyethylene, 60 PSI (02551-0023)

02551-0025 EA 2" Polyethylene Hot Tap, With Valve.....	831.55
02551-0026 EA 2-1/2" Polyethylene Hot Tap, With Valve.....	999.37
02551-0027 EA 3" Polyethylene Hot Tap, With Valve.....	1,059.10

02000 Site Construction**02550 Site Utilities****02551 Gas Distribution Lines**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02551-0028	EA	4" Polyethylene Hot Tap, With Valve	1,480.24	
02551-0029	EA	6" Polyethylene Hot Tap, With Valve	2,253.21	
02551-0030		Steel, Schedule 40 <small>(02551-0023)</small>		
		Note: For punch steel service tee.		
02551-0031	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,409.96	
02551-0032	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,433.82	
02551-0033	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,468.02	
02551-0034	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,501.01	
02551-0035	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,524.79	
02551-0036	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,658.16	
02551-0037	EA	1 1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,701.27	
02551-0038		Protective Pipe And Fitting Wrap <small>(02551)</small>		
		Note: Pipe is cleaned and primed.		
02551-0039		Corrosion Resistance Wrap And Coat - Pipe <small>(02551-0038)</small>		
		Note: Field applied		
02551-0040	LF	1/2" Pipe Wrap	2.20	
02551-0041	LF	3/4" Pipe Wrap	2.30	
02551-0042	LF	1" Pipe Wrap	2.43	
02551-0043	LF	1-1/4" Pipe Wrap	2.73	
02551-0044	LF	1-1/2" Pipe Wrap	2.93	
02551-0045	LF	2" Pipe Wrap	3.37	
02551-0046	LF	2-1/2" Pipe Wrap	4.12	
02551-0047	LF	3" Pipe Wrap	5.14	
02551-0048	LF	4" Pipe Wrap	6.49	
02551-0049	LF	6" Pipe Wrap	8.65	
02551-0050		Corrosion Resistance Wrap And Coat - Fittings <small>(02551-0038)</small>		
		Note: Field applied		
02551-0051	EA	1/2" Fitting Wrap	11.65	
02551-0052	EA	3/4" Fitting Wrap	11.65	
02551-0053	EA	1" Fitting Wrap	14.34	
02551-0054	EA	1-1/4" Fitting Wrap	16.23	
02551-0055	EA	1-1/2" Fitting Wrap	16.23	
02551-0056	EA	2" Fitting Wrap	19.20	
02551-0057	EA	2-1/2" Fitting Wrap	25.61	
02551-0058	EA	3" Fitting Wrap	35.53	
02551-0059	EA	4" Fitting Wrap	36.01	
02551-0060	EA	6" Fitting Wrap	41.52	
02551-0061		Detection Tape For Underground Utilities <small>(02551)</small>		
02551-0062	CLF	2" Wide Underground Detection Tape	6.53	
02551-0063	CLF	3" Wide Underground Detection Tape	7.47	
02551-0064	CLF	6" Wide Underground Detection Tape	14.09	
02551-0065		Underground Cable Protection Slab <small>(02551)</small>		
02551-0066	CLF	6" Wide Non Detectable Underground Utility Marking Tape	12.59	
02555		Water Distribution Lines <small>(02550)</small>		
		Note: Excludes excavation and backfill. See CSI section 02215-0000 for excavation and backfill.		
02555-0001		Metal Pipe <small>(02555)</small>		
		See CSI section 02455-0000 for ductile iron pipe.		
02555-0002		Copper Tubing, Type K <small>(02555-0001)</small>		
02555-0003	LF	1/2" Diameter, Type K, Copper Tubing, Water Distribution	5.12	1.25
02555-0004	LF	3/4" Diameter, Type K, Copper Tubing, Water Distribution	7.08	1.40
02555-0005	LF	1" Diameter, Type K, Copper Tubing, Water Distribution	9.14	1.56
02555-0006	LF	1-1/4" Diameter, Type K, Copper Tubing, Water Distribution	10.91	1.87
02555-0007	LF	1-1/2" Diameter, Type K, Copper Tubing, Water Distribution	13.90	2.48
02555-0008	LF	2" Diameter, Type K, Copper Tubing, Water Distribution	19.72	3.10
02555-0009	LF	2-1/2" Diameter, Type K, Copper Tubing, Water Distribution	28.61	3.73
02555-0010	LF	3" Diameter, Type K, Copper Tubing, Water Distribution	37.77	4.10
02555-0011	LF	3-1/2" Diameter, Type K, Copper Tubing, Water Distribution	49.73	5.15
02555-0012	LF	4" Diameter, Type K, Copper Tubing, Water Distribution	63.53	6.53
02555-0013	LF	5" Diameter, Type K, Copper Tubing, Water Distribution	147.40	8.14
02555-0014	LF	6" Diameter, Type K, Copper Tubing, Water Distribution	207.47	9.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02555-0015 LF 8" Diameter, Type K, Copper Tubing, Water Distribution.....	372.58	11.00
02555-0016 Plastic Pipe (02555)		
02555-0017 AWWA C900 / C905 PVC Pipe (02555-0016) Note: Includes hub on one end of pipe		
02555-0018 AWWA C900, DR 25, PR100 (02555-0017)		
02555-0019 LF 4" PVC C900 Pipe, DR 25, PR 100	12.41	6.11
02555-0020 LF 6" PVC C900 Pipe, DR 25, PR 100	16.06	7.08
02555-0021 LF 8" PVC C900 Pipe, DR 25, PR 100	20.88	8.20
02555-0022 LF 10" PVC C900 Pipe, DR 25, PR 100	25.03	8.60
02555-0023 LF 12" PVC C900 Pipe, DR 25, PR 100	30.03	8.92
02555-0024 AWWA C900, DR 18, PR150 (02555-0017)		
02555-0025 LF 4" PVC C900 Pipe, DR 18, PR 150	13.12	6.11
02555-0026 LF 6" PVC C900 Pipe, DR 18, PR 150	17.52	7.08
02555-0027 LF 8" PVC C900 Pipe, DR 18, PR 150	23.34	8.20
02555-0028 LF 10" PVC C900 Pipe, DR 18, PR 150	28.85	8.60
02555-0029 LF 12" PVC C900 Pipe, DR 18, PR 150	35.37	8.92
02555-0030 AWWA C900, DR 14, PR200 (02555-0017)		
02555-0031 LF 4" PVC C900 Pipe, DR 14, PR 200	13.81	6.11
02555-0032 LF 6" PVC C900 Pipe, DR 14, PR 200	18.97	7.08
02555-0033 LF 8" PVC C900 Pipe, DR 14, PR 200	25.79	8.20
02555-0034 LF 10" PVC C900 Pipe, DR 14, PR 200	32.59	8.60
02555-0035 LF 12" PVC C900 Pipe, DR 14, PR 200	40.70	8.92
02555-0036 AWWA C900 PVC Fittings, Class 150 SDR 18 (02555-0016) Note: Includes rubber gaskets		
02555-0037 90 Degree Elbows (02555-0036)		
02555-0038 EA 4" Diameter 90 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	49.70	7.98
02555-0039 EA 6" Diameter 90 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	86.97	8.98
02555-0040 EA 8" Diameter 90 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	150.33	9.97
02555-0041 EA 10" Diameter 90 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	357.41	15.57
02555-0042 EA 12" Diameter 90 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	493.31	25.95
02555-0043 45 Degree Elbows (02555-0036)		
02555-0044 EA 4" Diameter 45 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	55.83	7.98
02555-0045 EA 6" Diameter 45 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	86.97	8.98
02555-0046 EA 8" Diameter 45 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	156.45	9.97
02555-0047 EA 10" Diameter 45 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	414.98	15.57
02555-0048 EA 12" Diameter 45 Degree Elbow, PVC SDR 18, Class 150, AWWA, C900	618.06	25.95
02555-0049 Tees Or Wyes (02555-0036)		
02555-0050 EA 4" Diameter Tees Or Wyes, PVC SDR 18, Class 150, AWWA, C900	57.83	8.98
02555-0051 EA 6" Diameter Tees Or Wyes, PVC SDR 18, Class 150, AWWA, C900	88.97	9.97
02555-0052 EA 8" Diameter Tees Or Wyes, PVC SDR 18, Class 150, AWWA, C900	168.31	11.30
02555-0053 EA 10" Diameter Tees Or Wyes, PVC SDR 18, Class 150, AWWA, C900	345.72	19.47
02555-0054 EA 12" Diameter Tees Or Wyes, PVC SDR 18, Class 150, AWWA, C900	522.64	38.93
02555-0055 Couplings (02555-0036)		
02555-0056 EA 4" Diameter Coupling, PVC SDR 18, Class 150, AWWA, C900	46.63	7.98
02555-0057 EA 6" Diameter Coupling, PVC SDR 18, Class 150, AWWA, C900	63.97	8.98
02555-0058 EA 8" Diameter Coupling, PVC SDR 18, Class 150, AWWA, C900	104.31	9.97
02555-0059 EA 10" Diameter Coupling, PVC SDR 18, Class 150, AWWA, C900	261.24	15.57
02555-0060 EA 12" Diameter Coupling, PVC SDR 18, Class 150, AWWA, C900	315.04	19.47
02556 Water Distribution Valves (02550)		
Note: Flanged valves excludes bolt and gasket set. See CSI section 15061-0525 for bolt and gasket sets., 15100-0000 for additional valves and backflow preventers.		
02556-0001 Angle Valve (02556)		
Note: For connecting meters to water service		
02556-0002 Bronze Angle Valve (02556-0001)		
Note: NIBCO Model T-335Y		
02556-0003 EA 1/2" Angle Valve, Threaded	44.31	10.79
02556-0004 EA 3/4" Angle Valve, Threaded	59.75	14.50
02556-0005 EA 1" Angle Valve, Threaded	78.81	17.87
02556-0006 EA 1-1/4" Angle Valve, Threaded	101.17	22.45
02556-0007 EA 1-1/2" Angle Valve, Threaded	124.55	25.95
02556-0008 EA 2" Angle Valve, Threaded	179.10	30.34



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02556-0009	EA	2-1/2" Angle Valve, Threaded.....	280.42	41.40
02556-0010	EA	3" Angle Valve, Threaded.....	413.11	47.79
02556-0011		Butterfly Valve, AWWA C504 <small>(02556)</small>		
02556-0012		Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator <small>(02556-0011)</small>		
		Note: ANSI 125/150, flanged connection, Buna seat material, and 304 stainless steel shaft with 8" diameter handwheel.		
02556-0013	EA	4" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	849.18	113.89
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0014	EA	6" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	970.70	125.65
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0015	EA	8" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	1,434.56	188.48
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0016	EA	10" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	1,578.10	251.31
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0017	EA	12" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	1,770.44	266.20
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0018	EA	14" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	2,306.22	351.26
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0019	EA	16" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	2,763.82	376.89
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0020	EA	18" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	3,389.94	394.23
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0021	EA	20" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	3,898.98	431.87
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0022	EA	24" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	5,440.07	531.38
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0023	EA	30" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	11,242.25	847.71
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0024	EA	36" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	14,404.86	1,694.11
		<i>02MOD-0182 For 8" Diameter Chain Wheel Actuator, Add</i>	150.00	
02556-0025	EA	42" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	18,529.17	1,973.87
		<i>02MOD-0183 For 8" Diameter Chain Wheel Actuator, Add</i>	300.00	
02556-0026	EA	48" Butterfly Valve, AWWA C504 Cast Iron Body, Iron Disc With Handwheel Operator.....	27,480.10	2,238.18
		<i>02MOD-0183 For 8" Diameter Chain Wheel Actuator, Add</i>	300.00	
02556-0027		Check Valve, AWWA C508 <small>(02556)</small>		
02556-0028		Check Valve, Swing Type Gravity Operated <small>(02556-0027)</small>		
		Note: Flanged end, gravity operated with bronze disc facing. Mueller A-2600-6		
02556-0029	EA	2-1/2" Check Valve, Swing Type Gravity Operated, Flanged.....	540.19	83.79
02556-0030	EA	3" Check Valve, Swing Type Gravity Operated, Flanged.....	574.96	99.30
02556-0031	EA	4" Check Valve, Swing Type Gravity Operated, Flanged.....	727.00	133.44
02556-0032	EA	4" x 6" Check Valve, Swing Type Gravity Operated, Flanged.....	1,010.61	152.06
02556-0033	EA	4" x 8" Check Valve, Swing Type Gravity Operated, Flanged.....	1,087.41	173.78
02556-0034	EA	6" Check Valve, Swing Type Gravity Operated, Flanged.....	1,005.10	155.16
02556-0035	EA	6" x 8" Check Valve, Swing Type Gravity Operated, Flanged.....	1,282.28	170.68
02556-0036	EA	6" x 10" Check Valve, Swing Type Gravity Operated, Flanged.....	1,338.61	186.20
02556-0037	EA	8" Check Valve, Swing Type Gravity Operated, Flanged.....	1,389.32	186.20
02556-0038	EA	10" Check Valve, Swing Type Gravity Operated, Flanged.....	2,259.13	217.23
02556-0039	EA	12" Check Valve, Swing Type Gravity Operated, Flanged.....	3,377.60	260.68
02556-0040	EA	14" Check Valve, Swing Type Gravity Operated, Flanged.....	4,744.42	352.27
02556-0041	EA	16" Check Valve, Swing Type Gravity Operated, Flanged.....	6,266.14	395.40
02556-0042	EA	18" Check Valve, Swing Type Gravity Operated, Flanged.....	8,988.10	438.54
02556-0043	EA	20" Check Valve, Swing Type Gravity Operated, Flanged.....	10,450.29	494.26
02556-0044		Combination Air Release <small>(02556)</small>		
02556-0045	EA	1" Combination Air Release.....	377.25	13.03
02556-0046	EA	2" Combination Air Release.....	608.57	22.34
02556-0047		Corporation Stop And Curb Valve, AWWA C800 <small>(02556)</small>		
02556-0048		Corporation Valve, Ball Type <small>(02556-0047)</small>		
02556-0049	EA	3/4" Corporation Stop Valve.....	58.92	13.03
02556-0050	EA	1" Corporation Stop Valve.....	74.30	16.14
02556-0051	EA	1-1/4" Corporation Stop Valve.....	113.86	19.86
02556-0052	EA	1-1/2" Corporation Stop Valve.....	137.37	23.59
02556-0053	EA	2" Corporation Stop Valve.....	212.96	27.93
02556-0054		Fire Hydrants (Breakaway) <small>(02556)</small>		
02556-0055		Standard (Traditional) Model, Three Way <small>(02556-0054)</small>		
		Note: Prices listed are for mechanical joint. Includes shoe, lower barrel and upper barrel (hydrant).		
02556-0056	EA	4-1/2" Valve Fire Hydrant With 1-1/2' Burial Section Three Way.....	1,232.66	175.91
02556-0057	EA	4-1/2" Valve Fire Hydrant With 2' Burial Section Three Way.....	1,254.07	175.91
02556-0058	EA	4-1/2" Valve Fire Hydrant With 2-1/2' Burial Section Three Way.....	1,275.55	175.91
02556-0059	EA	4-1/2" Valve Fire Hydrant With 3' Burial Section Three Way.....	1,309.50	188.48



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02556-0060 EA 4-1/2" Valve Fire Hydrant With 3-1/2' Burial Section Three Way	1,330.94	188.48
02556-0061 EA 4-1/2" Valve Fire Hydrant With 4' Burial Section Three Way	1,368.10	204.18
02556-0062 EA 4-1/2" Valve Fire Hydrant With 4-1/2' Burial Section Three Way	1,389.51	204.18
02556-0063 EA 4-1/2" Valve Fire Hydrant With 5' Burial Section Three Way	1,426.65	219.90
02556-0064 EA 4-1/2" Valve Fire Hydrant With 5-1/2' Burial Section Three Way	1,448.14	219.90
02556-0065 EA 4-1/2" Valve Fire Hydrant With 6' Burial Section Three Way	1,485.25	235.60
02556-0066 EA 4-1/2" Valve Fire Hydrant With 6-1/2' Burial Section Three Way	1,522.40	251.31
02556-0067 EA 4-1/2" Valve Fire Hydrant With 7' Burial Section Three Way	1,575.21	282.72
02556-0068 EA 5-1/4" Valve Fire Hydrant With 1-1/2' Burial Section Three Way	1,252.20	175.91
02556-0069 EA 5-1/4" Valve Fire Hydrant With 2' Burial Section Three Way	1,290.75	175.91
02556-0070 EA 5-1/4" Valve Fire Hydrant With 2-1/2' Burial Section Three Way	1,307.74	175.91
02556-0071 EA 5-1/4" Valve Fire Hydrant With 3' Burial Section Three Way	1,348.02	188.48
02556-0072 EA 5-1/4" Valve Fire Hydrant With 3-1/2' Burial Section Three Way	1,375.77	188.48
02556-0073 EA 5-1/4" Valve Fire Hydrant With 4' Burial Section Three Way	1,419.30	204.18
02556-0074 EA 5-1/4" Valve Fire Hydrant With 4-1/2' Burial Section Three Way	1,447.00	204.18
02556-0075 EA 5-1/4" Valve Fire Hydrant With 5' Burial Section Three Way	1,490.48	219.90
02556-0076 EA 5-1/4" Valve Fire Hydrant With 5-1/2' Burial Section Three Way	1,518.20	219.90
02556-0077 EA 5-1/4" Valve Fire Hydrant With 6' Burial Section Three Way	1,561.60	235.60
02556-0078 EA 5-1/4" Valve Fire Hydrant With 6-1/2' Burial Section Three Way	1,605.09	251.31
02556-0079 EA 5-1/4" Valve Fire Hydrant With 7' Burial Section Three Way	1,664.19	282.72

02556-0080**Standard (Traditional) Model, Two Way** (02556-0054)

Note: Prices listed are for mechanical joint. Includes shoe, lower barrel and upper barrel (hydrant).

02556-0081 EA 4-1/2" Valve Fire Hydrant With 1-1/2' Burial Section Two Way	1,153.10	175.91
02556-0082 EA 4-1/2" Valve Fire Hydrant With 2' Burial Section Two Way	1,174.40	175.91
02556-0083 EA 4-1/2" Valve Fire Hydrant With 2-1/2' Burial Section Two Way	1,195.71	175.91
02556-0084 EA 4-1/2" Valve Fire Hydrant With 3' Burial Section Two Way	1,229.61	188.48
02556-0085 EA 4-1/2" Valve Fire Hydrant With 3-1/2' Burial Section Two Way	1,251.03	188.48
02556-0086 EA 4-1/2" Valve Fire Hydrant With 4' Burial Section Two Way	1,287.96	204.18
02556-0087 EA 4-1/2" Valve Fire Hydrant With 4-1/2' Burial Section Two Way	1,309.28	204.18
02556-0088 EA 4-1/2" Valve Fire Hydrant With 5' Burial Section Two Way	1,346.32	219.90
02556-0089 EA 4-1/2" Valve Fire Hydrant With 5-1/2' Burial Section Two Way	1,367.60	219.90
02556-0090 EA 4-1/2" Valve Fire Hydrant With 6' Burial Section Two Way	1,404.76	235.60
02556-0091 EA 4-1/2" Valve Fire Hydrant With 6-1/2' Burial Section Two Way	1,441.69	251.31
02556-0092 EA 4-1/2" Valve Fire Hydrant With 7' Burial Section Two Way	1,494.41	282.72
02556-0093 EA 5-1/4" Valve Fire Hydrant With 1-1/2' Burial Section Two Way	1,212.21	175.91
02556-0094 EA 5-1/4" Valve Fire Hydrant With 2' Burial Section Two Way	1,241.91	175.91
02556-0095 EA 5-1/4" Valve Fire Hydrant With 2-1/2' Burial Section Two Way	1,271.61	175.91
02556-0096 EA 5-1/4" Valve Fire Hydrant With 3' Burial Section Two Way	1,313.88	188.48
02556-0097 EA 5-1/4" Valve Fire Hydrant With 3-1/2' Burial Section Two Way	1,343.75	188.48
02556-0098 EA 5-1/4" Valve Fire Hydrant With 4' Burial Section Two Way	1,389.15	204.18
02556-0099 EA 5-1/4" Valve Fire Hydrant With 4-1/2' Burial Section Two Way	1,418.99	204.18
02556-0100 EA 5-1/4" Valve Fire Hydrant With 5' Burial Section Two Way	1,464.43	219.90
02556-0101 EA 5-1/4" Valve Fire Hydrant With 5-1/2' Burial Section Two Way	1,494.21	219.90
02556-0102 EA 5-1/4" Valve Fire Hydrant With 6' Burial Section Two Way	1,539.70	235.60
02556-0103 EA 5-1/4" Valve Fire Hydrant With 6-1/2' Burial Section Two Way	1,585.17	251.31
02556-0104 EA 5-1/4" Valve Fire Hydrant With 7' Burial Section Two Way	1,646.37	282.72

02556-0105**Modern Model, Three Way** (02556-0054)

Note: Prices listed are for mechanical joint. Includes shoe, lower barrel and upper barrel (hydrant).

02556-0106 EA Modern Fire Hydrant With 1-1/2' Burial Section Three Way	1,321.07	175.91
02556-0107 EA Modern Fire Hydrant With 2' Burial Section Three Way	1,353.71	175.91
02556-0108 EA Modern Fire Hydrant With 2-1/2' Burial Section Three Way	1,386.36	175.91
02556-0109 EA Modern Fire Hydrant With 3' Burial Section Three Way	1,431.59	188.48
02556-0110 EA Modern Fire Hydrant With 3-1/2' Burial Section Three Way	1,464.36	188.48
02556-0111 EA Modern Fire Hydrant With 4' Burial Section Three Way	1,512.88	204.18
02556-0112 EA Modern Fire Hydrant With 4-1/2' Burial Section Three Way	1,545.69	204.18
02556-0113 EA Modern Fire Hydrant With 5' Burial Section Three Way	1,594.22	219.90
02556-0114 EA Modern Fire Hydrant With 5-1/2' Burial Section Three Way	1,627.01	219.90
02556-0115 EA Modern Fire Hydrant With 6' Burial Section Three Way	1,674.38	219.90
02556-0116 EA Modern Fire Hydrant With 6-1/2' Burial Section Three Way	1,724.03	251.31
02556-0117 EA Modern Fire Hydrant With 7' Burial Section Three Way	1,788.17	251.31

02556-0118**Modern Model, Two Way** (02556-0054)

Note: Prices listed are for mechanical joint. Includes shoe, lower barrel and upper barrel (hydrant).

02556-0119 EA Modern Fire Hydrant With 1-1/2' Burial Section Two Way	1,241.43	175.91
02556-0120 EA Modern Fire Hydrant With 2' Burial Section Two Way	1,274.09	175.91
02556-0121 EA Modern Fire Hydrant With 2-1/2' Burial Section Two Way	1,306.75	175.91
02556-0122 EA Modern Fire Hydrant With 3' Burial Section Two Way	1,351.96	188.48
02556-0123 EA Modern Fire Hydrant With 3-1/2' Burial Section Two Way	1,384.73	188.48
02556-0124 EA Modern Fire Hydrant With 4' Burial Section Two Way	1,433.25	204.18
02556-0125 EA Modern Fire Hydrant With 4-1/2' Burial Section Two Way	1,466.05	204.18
02556-0126 EA Modern Fire Hydrant With 5' Burial Section Two Way	1,514.58	219.90
02556-0127 EA Modern Fire Hydrant With 5-1/2' Burial Section Two Way	1,547.39	219.90
02556-0128 EA Modern Fire Hydrant With 6' Burial Section Two Way	1,594.75	235.60
02556-0129 EA Modern Fire Hydrant With 6-1/2' Burial Section Two Way	1,644.41	251.31
02556-0130 EA Modern Fire Hydrant With 7' Burial Section Two Way	1,708.55	282.72



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02556-0131		Hydrant Extensions With Stems (02556-0054)		
	EA	6" Extension, Fire Hydrant	254.23	15.71
	EA	12" Extension, Fire Hydrant	341.03	19.63
	EA	18" Extension, Fire Hydrant	403.27	23.56
	EA	24" Extension, Fire Hydrant	468.57	29.06
	EA	30" Extension, Fire Hydrant	515.05	30.24
	EA	36" Extension, Fire Hydrant	567.81	31.41
	EA	42" Extension, Fire Hydrant	618.95	32.99
	EA	48" Extension, Fire Hydrant	673.28	35.34
	EA	54" Extension, Fire Hydrant	746.50	42.40
02556-0141		Remove And Reinstall Standard Fire Hydrant (02556-0054)		
		Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
	EA	Remove And Reinstall Fire Hydrant Up To 5' Burial Section	502.60	
	EA	Remove And Reinstall Fire Hydrant > 5' Burial Section	732.97	
	EA	Reset Fire Hydrant Upper Barrel	626.75	
		Note: Includes Safety Repair Kit		
02556-0145		Gate Valve, AWWA C500 And C509 (02556)		
02556-0146		Gate Valve, Flanged (02556-0145)		
		Note: Mueller A-2380-6		
	EA	2" Gate Valve, Flanged	343.48	66.10
	EA	2-1/2" Gate Valve, Flanged	417.99	82.86
	EA	3" Gate Valve, Flanged	499.86	99.30
	EA	4" Gate Valve, Flanged	598.95	132.20
	EA	6" Gate Valve, Flanged	757.56	155.16
	EA	8" Gate Valve, Flanged	1,071.26	186.20
	EA	10" Gate Valve, Flanged	1,545.05	217.23
	EA	12" Gate Valve, Flanged	1,862.22	260.68
	EA	14" Gate Valve, Flanged	3,906.89	352.27
	EA	16" Gate Valve, Flanged	5,070.09	395.40
	EA	18" Gate Valve, Flanged	7,882.96	438.54
	EA	20" Gate Valve, Flanged	9,400.99	494.26
02556-0159		Resilient Wedge Gate Valve, Flanged (02556-0145)		
		Note: Mueller A-2360-6		
	EA	2" Resilient Wedge Gate Valve, Flanged	331.53	66.10
	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	403.71	82.86
	EA	3" Resilient Wedge Gate Valve, Flanged	482.92	100.23
	EA	4" Resilient Wedge Gate Valve, Flanged	580.01	132.20
	EA	6" Resilient Wedge Gate Valve, Flanged	732.24	155.16
	EA	8" Resilient Wedge Gate Valve, Flanged	1,031.71	186.20
	EA	10" Resilient Wedge Gate Valve, Flanged	1,482.19	217.23
	EA	12" Resilient Wedge Gate Valve, Flanged	1,786.33	260.68
02556-0168		Gate Valve, Mechanical Joint (02556-0145)		
		Note: Mueller A-2380-20		
	EA	2" Gate Valve, Mechanical Joint	373.24	66.10
	EA	2-1/2" Gate Valve, Mechanical Joint	413.12	82.86
	EA	3" Gate Valve, Mechanical Joint	516.08	100.23
	EA	4" Gate Valve, Mechanical Joint	625.40	132.20
	EA	6" Gate Valve, Mechanical Joint	777.62	155.16
	EA	8" Gate Valve, Mechanical Joint	1,099.37	186.20
	EA	10" Gate Valve, Mechanical Joint	1,564.22	217.23
	EA	12" Gate Valve, Mechanical Joint	1,949.33	260.68
	EA	14" Gate Valve, Mechanical Joint	4,144.46	352.27
	EA	16" Gate Valve, Mechanical Joint	5,313.47	395.40
	EA	18" Gate Valve, Mechanical Joint	8,317.60	438.54
	EA	20" Gate Valve, Mechanical Joint	9,871.34	494.26
02556-0181		Resilient Wedge Gate Valve, Mechanical Joint (02556-0145)		
		Note: Mueller A-2360-20		
	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	359.60	66.10
	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	498.21	100.23
	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	604.96	132.20
	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	751.18	155.16
	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	1,058.22	186.20
	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	1,500.28	217.23
	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	1,868.49	260.68
02556-0189		Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint (02556-0145)		
		Note: Mueller A-2361		
	EA	14" Resilient Wedge Gate Valve, MJ X FL	3,906.04	352.27



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02556-0191	EA	16" Resilient Wedge Gate Valve, MJ X FL	4,264.23	395.40
02556-0192	EA	18" Resilient Wedge Gate Valve, MJ X FL	6,562.97	438.54
02556-0193	EA	20" Resilient Wedge Gate Valve, MJ X FL	7,817.23	494.26
02556-0194	EA	24" Resilient Wedge Gate Valve, MJ X FL	12,893.21	575.13
02556-0195		Gate Valve, Threaded, WW-V-51 Class A, Type 1 <small>(02556-0145)</small>		
		Note: NIBCO T-113		
02556-0196	EA	1/4" Gate Valve, Bronze, Threaded	28.73	10.86
02556-0197	EA	3/8" Gate Valve, Bronze, Threaded	29.76	10.86
02556-0198	EA	1/2" Gate Valve, Bronze, Threaded	29.99	10.86
02556-0199	EA	3/4" Gate Valve, Bronze, Threaded	39.12	14.66
02556-0200	EA	1" Gate Valve, Bronze, Threaded	47.98	17.73
02556-0201	EA	1-1/4" Gate Valve, Bronze, Threaded	63.93	22.45
02556-0202	EA	1-1/2" Gate Valve, Bronze, Threaded	74.06	25.95
02556-0203	EA	2" Gate Valve, Bronze, Threaded	89.22	30.34
02556-0204	EA	2-1/2" Gate Valve, Bronze, Threaded	157.95	41.40
02556-0205	EA	3" Gate Valve, Bronze, Threaded	187.87	47.48
02556-0206		Globe Valve, AWWA <small>(02556)</small>		
02556-0207		Globe Valve, Threaded, WW-V-51 Class B, Type 1 <small>(02556-0206)</small>		
		Note: NIBCO T-235		
02556-0208	EA	1/8" Globe Valve, Threaded.....	38.25	10.86
02556-0209	EA	1/4" Globe Valve, Threaded.....	36.17	10.86
02556-0210	EA	3/8" Globe Valve, Threaded.....	37.20	10.86
02556-0211	EA	1/2" Globe Valve, Threaded.....	38.25	10.86
02556-0212	EA	3/4" Globe Valve, Threaded.....	51.89	14.66
02556-0213	EA	1" Globe Valve, Threaded.....	70.55	17.73
02556-0214	EA	1-1/4" Globe Valve, Threaded	100.41	22.45
02556-0215	EA	1-1/2" Globe Valve, Threaded	119.16	25.95
02556-0216	EA	2" Globe Valve, Threaded.....	161.65	30.34
02556-0217	EA	2-1/2" Globe Valve, Threaded	285.41	41.40
02556-0218	EA	3" Globe Valve, Threaded.....	383.73	47.73
02556-0219		Tapping Valve, AWWA C500 And C509 <small>(02556)</small>		
02556-0220		Tapping Valve, AWWA C500 And C509 <small>(02556-0219)</small>		
		Note: Flanged inlet X mechanical joint, Mueller H-667		
02556-0221	EA	2" Tapping Valve, Flanged X Mechanical Joint.....	490.89	82.86
02556-0222	EA	3" Tapping Valve, Flanged X Mechanical Joint.....	620.22	100.23
02556-0223	EA	4" Tapping Valve, Flanged X Mechanical Joint.....	715.21	132.20
02556-0224	EA	6" Tapping Valve, Flanged X Mechanical Joint.....	935.22	155.16
02556-0225	EA	8" Tapping Valve, Flanged X Mechanical Joint.....	1,299.11	186.20
02556-0226	EA	10" Tapping Valve, Flanged X Mechanical Joint.....	1,821.94	217.23
02556-0227	EA	12" Tapping Valve, Flanged X Mechanical Joint.....	2,641.90	260.68
02556-0228	EA	14" Tapping Valve, Flanged X Mechanical Joint.....	4,708.87	352.27
02556-0229	EA	16" Tapping Valve, Flanged X Mechanical Joint.....	5,919.32	395.40
02556-0230	EA	18" Tapping Valve, Flanged X Mechanical Joint.....	9,388.78	439.26
02556-0231		Hydrants <small>(02556)</small>		
02556-0232		Yard Hydrants <small>(02556-0231)</small>		
		Note: With 3/4" hose thread outlet		
02556-0233	EA	2" Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	156.20	20.22
02556-0234	EA	4" Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	165.95	20.22
02556-0235	EA	6" Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	175.70	20.22
02556-0236	EA	2" Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	203.03	25.62
02556-0237	EA	4" Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	213.15	25.62
02556-0238	EA	6" Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	223.28	25.62
02556-0239		Sanitary Yard Hydrants <small>(02556-0231)</small>		
		Note: With 3/4" hose thread outlet		
02556-0240	EA	2" Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	627.36	42.13
02556-0241	EA	4" Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	657.82	42.13
02556-0242	EA	6" Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	688.28	42.13
02556-0243		Flushing Hydrants <small>(02556-0231)</small>		
02556-0244	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	414.61	26.14
02556-0245		Accessories For Valves <small>(02556)</small>		
02556-0246	EA	1' Valve Extension Stem	60.14	
		02MOD-0357 For Each Additional LF, Add	4.25	
02556-0247	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly.....	782.15	62.07
		Note: Excludes valve.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02556-0248	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	886.45	68.27
02556-0249		Roadway Grade Curb/Valve Boxes (02556)		
02556-0250		Roadway Grade Curb/Valve Boxes, Round Head (02556-0249) Note: With 4-1/4" shaft		
02556-0251	EA	Base, Top And Cover, 18" To 24" High, Round Roadway Grade Curb/Valve Box.....	104.92	16.86
02556-0252	EA	Base, Top And Cover, 22" To 28" High, Round Roadway Grade Curb/Valve Box.....	108.21	17.53
02556-0253	EA	Base, Top And Cover, 30" To 36" High, Round Roadway Grade Curb/Valve Box.....	120.34	18.20
02556-0254	EA	Base, Top And Cover, 36" To 48" High, Round Roadway Grade Curb/Valve Box.....	161.98	19.22
02556-0255	EA	Base, Top And Cover, 48" To 60" High, Round Roadway Grade Curb/Valve Box.....	194.29	20.22
02556-0256	EA	18" Extension Section.....	44.87	
02556-0257		Plastic Roadway Grade Water Meter Box And Cover (02556-0249)		
02556-0258	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover.....	147.57	23.59
02556-0259	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover.....	110.58	16.86
02556-0260	EA	Cast Iron Lid For Plastic Meter Box.....	32.24	
02556-0261		Cast Iron Roadway Grade Water Meter Box And Cover (02556-0249)		
02556-0262	EA	One Cast Iron Valve Box, Screw Or Slip-type, 3'-0".....	603.64	38.10
02556-0263	EA	One Cast Iron Valve Box, Screw Or Slip-type, 4'-0".....	708.98	41.91
02556-0264	EA	One Cast Iron Valve Box, Screw Or Slip-type, 5'-0".....	805.94	45.72
02556-0265	EA	One Cast Iron Valve Box, Screw Or Slip-type, 6'-0".....	860.00	49.53
02556-0266	EA	One Cast Iron Valve Box, Screw Or Slip-type, 7'-0".....	919.66	53.34
02556-0267	EA	One Cast Iron Valve Box, Screw Or Slip-type, 8'-0".....	973.72	57.15
02556-0268		Roadway Utility Box (02556)		
02556-0269		Utility Box (02556-0268) Note: Christy Concrete Products		
02556-0270		B3 Utility Box, 9-3/8" x 15-1/2" (02556-0269)		
02556-0271	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box.....	52.43	30.95
02556-0272	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box.....	42.49	3.44
02556-0273	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box.....	19.41	3.44
02556-0274	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box.....	89.42	3.44
02556-0275	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box.....	29.22	6.88
02556-0276	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box.....	39.42	6.88
02556-0277		B9 Utility Box, 10-1/4" x 17-1/4" (02556-0269)		
02556-0278	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box.....	65.20	41.27
02556-0279	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box.....	49.85	4.13
02556-0280	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box.....	21.80	4.13
02556-0281	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box.....	93.66	3.44
02556-0282	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box.....	32.02	6.88
02556-0283	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box.....	43.84	10.32
02556-0284	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box.....	57.68	18.91
02556-0285		B12 Utility Box, 12" x 20" (02556-0269)		
02556-0286	EA	12" x 20" Precast Concrete Utility Box.....	71.40	44.71
02556-0287	EA	Cast Iron Lid For 12" x 20" Utility Box.....	87.82	5.16
02556-0288	EA	Reinforced Concrete Lid For 12" x 20" Utility Box.....	30.39	6.88
02556-0289	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box.....	127.89	6.88
02556-0290	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box.....	74.70	24.08
02556-0291		B16 Utility Box, 12" x 22-1/4" (02556-0269)		
02556-0292	EA	12" x 22-1/4" Precast Concrete Utility Box.....	82.53	52.27
02556-0293	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box.....	100.12	6.88
02556-0294	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box.....	36.17	6.88
02556-0295	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box.....	128.58	6.88
02556-0296	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box.....	52.54	11.69
02556-0297	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box.....	75.66	24.08
02556-0298		B30 Utility Box, 13-1/4" x 24" (02556-0269)		
02556-0299	EA	13-1/4" x 24" Precast Concrete Utility Box.....	98.96	61.90
02556-0300	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box.....	50.22	11.00
02556-0301	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box.....	159.34	8.94
02556-0302	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box.....	52.54	11.69
02556-0303	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box.....	81.63	19.25
02556-0304	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box.....	62.07	13.07
02556-0305	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box.....	97.83	30.95



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02556-0306	B36 Utility Box, 17-1/4" x 30" <small>(02556-0269)</small>		
02556-0307	EA 17-1/4" x 30" Precast Concrete Utility Box.....	128.27	78.41
02556-0308	EA Reinforced Concrete Lid For 17-1/4" x 30" Utility Box.....	82.65	18.91
02556-0309	EA Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box.....	201.34	13.07
02556-0310	EA 20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box.....	81.07	24.77
02556-0311	EA 6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box.....	124.89	27.52
02556-0312	EA 12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box.....	129.40	39.89
02556-0313	B40 Utility Box, 24-1/2" x 36" <small>(02556-0269)</small>		
02556-0314	EA 24-1/2" x 36" Precast Concrete Utility Box.....	247.80	121.06
02556-0315	EA Reinforced Concrete Lid For 24-1/2" x 36" Utility Box.....	220.74	45.40
02556-0316	EA Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box.....	287.15	19.94
02556-0317	EA 30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box.....	185.21	42.65
02556-0318	EA 10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box.....	196.05	44.71
02556-0319	B48 Utility Box, 30-1/4" x 48-1/4" <small>(02556-0269)</small>		
02556-0320	EA 30-1/4" x 48-1/4" Precast Concrete Utility Box.....	325.56	137.56
02556-0321	EA 1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box.....	314.87	74.98
02556-0322	EA 2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box.....	380.31	74.98
02556-0323	EA 2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box.....	457.02	34.39
02556-0324	EA 36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box.....	295.54	92.85
02556-0325	EA 10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box.....	248.56	62.59
02559	Preinsulated Pipe <small>(02550)</small>		
	Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 02215-0000 for excavation and backfill, 15048-0102 for purging of existing system.		
02559-0001	Preinsulated Chilled Water Distribution Pipe <small>(02559)</small>		
	Note: Excludes excavation and backfill		
02559-0002	Standard Black Steel Carrier Pipe <small>(02559-0001)</small>		
	Note: With 2" thick insulation and non-metallic casing, unloaded, distributed, and placed by self propelled hydraulic crane.		
02559-0003	Align And Tackweld On Sleepers <small>(02559-0002)</small>		
02559-0004	LF 1-1/4" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	13.25	3.06
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.45	
02559-0005	LF 1-1/2" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	14.20	3.51
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.49	
02559-0006	LF 2" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	15.66	3.94
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.51	
02559-0007	LF 2-1/2" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	18.59	4.38
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.63	
02559-0008	LF 3" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	19.70	4.81
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.64	
02559-0009	LF 4" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	24.41	5.78
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.74	
02559-0010	LF 5" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	29.01	6.48
	<i>02MOD-0184 For > 1000, Deduct</i>	-0.91	
02559-0011	LF 6" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	34.19	7.00
	<i>02MOD-0184 For > 1000, Deduct</i>	-1.10	
02559-0012	LF 8" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	44.09	7.00
	<i>02MOD-0184 For > 1000, Deduct</i>	-1.51	
02559-0013	LF 10" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	53.64	7.00
	<i>02MOD-0184 For > 1000, Deduct</i>	-1.94	
02559-0014	LF 12" Diameter Insulated Standard Black Steel Pipe, Align And Tackweld On Sleepers.....	65.34	8.76
	<i>02MOD-0184 For > 1000, Deduct</i>	-2.44	
02561	Waste Water Collection Structures <small>(02550)</small>		
	See CSI section 02200-0000 for excavation and backfill, 15322-0000 for oil interceptors, 15428-0000 for sediment interceptors and oil separators.		
02561-0001	Manholes <small>(02561)</small>		
02561-0002	Cast In Place Concrete, 8" Thick <small>(02561-0001)</small>		
	Note: Includes base, wall, top and block-out for openings.		
02561-0003	48" Diameter <small>(02561-0002)</small>		
02561-0004	EA 4' Diameter x 4' Deep Cast In Place Manhole 8" Thick.....	1,356.17	460.44
02561-0005	EA 4' Diameter x 6' Deep Cast In Place Manhole 8" Thick.....	1,869.07	629.94
02561-0006	EA 4' Diameter x 8' Deep Cast In Place Manhole 8" Thick.....	2,671.80	944.34
02561-0007	VLF 4' Diameter x Vertical Linear Foot Depth Cast In Place Manhole 8" Thick, Over 8'.....	330.50	118.09
02561-0008	Precast Concrete Manholes <small>(02561-0001)</small>		
	Note: Includes base, riser(s), reducer and openings. See CSI section 02561-0038 for top slabs.		
02561-0009	36" Diameter, 8" Thick Walls <small>(02561-0008)</small>		

02000 Site Construction**02550 Site Utilities****02561 Waste Water Collection Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02561-0010	EA	3' Diameter x 4' Deep Precast Manhole 8" Thick	849.44	217.93
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-63.15	
02561-0011	EA	3' Diameter x 6' Deep Precast Manhole 8" Thick	1,183.75	298.02
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-88.57	
02561-0012	EA	3' Diameter x 8' Deep Precast Manhole 8" Thick	1,655.92	447.03
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-120.89	
02561-0013	VLF	3' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	204.27	59.60
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-14.84	
02561-0014		42" Diameter, 8" Thick Walls <i>(02561-0008)</i>		
02561-0015	EA	3'-6" Diameter x 4' Deep Precast Manhole 8" Thick	949.72	227.24
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-72.25	
02561-0016	EA	3'-6" Diameter x 6' Deep Precast Manhole 8" Thick	1,319.74	310.69
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-100.91	
02561-0017	EA	3'-6" Diameter x 8' Deep Precast Manhole 8" Thick	1,832.78	465.65
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-136.71	
02561-0018	VLF	3'-6" Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	225.22	59.60
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-16.71	
02561-0019		48" Diameter, 8" Thick Walls <i>(02561-0008)</i>		
02561-0020	EA	4' Diameter x 4' Deep Precast Manhole 8" Thick	1,052.84	234.68
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-81.66	
02561-0021	EA	4' Diameter x 6' Deep Precast Manhole 8" Thick	1,458.32	320.37
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-113.55	
02561-0022	EA	4' Diameter x 8' Deep Precast Manhole 8" Thick	2,013.39	484.28
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-152.91	
02561-0023	VLF	4' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	246.83	61.47
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-18.63	
02561-0024	VLF	4' Diameter x Vertical Linear Foot Depth Precast Manhole PVC Lined Riser / Cone 8" Thick	294.93	61.47
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-23.44	
02561-0025		60" Diameter, 8" Thick Walls <i>(02561-0008)</i>		
02561-0026	EA	5' Diameter x 4' Deep Precast Manhole 8" Thick	1,284.84	260.76
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-102.34	
02561-0027	EA	5' Diameter x 6' Deep Precast Manhole 8" Thick	1,766.33	357.62
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-140.92	
02561-0028	EA	5' Diameter x 8' Deep Precast Manhole 8" Thick	2,413.65	536.43
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-187.79	
02561-0029	VLF	5' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	294.30	67.05
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-22.73	
02561-0030	VLF	5' Diameter x Vertical Linear Foot Depth Precast Manhole PVC Lined Riser / Cone 8" Thick	346.28	67.05
		<i>02MOD-0185 For 6" Thick Wall, Deduct</i>	-27.92	
02561-0031		72" Diameter, 8" Thick Walls <i>(02561-0008)</i>		
02561-0032	EA	6' Diameter x 4' Deep Precast Manhole 8" Thick	1,538.44	290.57
02561-0033	EA	6' Diameter x 6' Deep Precast Manhole 8" Thick	2,099.95	394.87
02561-0034	EA	6' Diameter x 8' Deep Precast Manhole 8" Thick	2,847.12	596.03
02561-0035	VLF	6' Diameter x Vertical Linear Foot Depth Precast Manhole 8" Thick, Over 8'	344.92	74.51
02561-0036	VLF	6' Diameter x Vertical Linear Foot Depth Precast Manhole PVC Lined Riser / Cone 8" Thick	393.01	74.51
02561-0037		Manhole Accessories <i>(02561)</i>		
02561-0038		Precast Concrete Manhole Tops <i>(02561-0037)</i>		
02561-0039		Precast Slab Tops <i>(02561-0038)</i>		
02561-0040	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	354.12	55.87
02561-0041	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Slab	410.94	58.12
02561-0042	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	474.23	60.35
02561-0043	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	620.97	64.82
02561-0044	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	733.85	69.29
02561-0045		Precast Cone Tops <i>(02561-0038)</i>		
02561-0046	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	540.60	69.85
02561-0047	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	595.31	72.64
02561-0048	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	650.03	75.43
02561-0049	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	755.72	80.09
02561-0050	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	865.14	85.68
02561-0051		Pipe To Manhole Connector <i>(02561-0037)</i>		
02561-0052		Flexible Rubber Pipe To Manhole Connector <i>(02561-0051)</i>		
02561-0053	EA	4" Pipe To Manhole Connector, Rubber, Flexible	45.91	
02561-0054	EA	6" Pipe To Manhole Connector, Rubber, Flexible	65.80	
02561-0055	EA	8" Pipe To Manhole Connector, Rubber, Flexible	74.27	
02561-0056	EA	10" Pipe To Manhole Connector, Rubber, Flexible	109.55	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02561-0057	EA	12" Pipe To Manhole Connector, Rubber, Flexible.....	151.93	
02561-0058	EA	15" Pipe To Manhole Connector, Rubber, Flexible.....	202.17	
02561-0059	EA	18" Pipe To Manhole Connector, Rubber, Flexible.....	357.54	
02561-0060	EA	21" Pipe To Manhole Connector, Rubber, Flexible.....	494.96	
02561-0061	EA	24" Pipe To Manhole Connector, Rubber, Flexible.....	772.87	
02561-0062	EA	27" Pipe To Manhole Connector, Rubber, Flexible.....	912.44	
02561-0063		Manhole Pipe Adapter And Grout (02561-0051)		
02561-0064	EA	4" Manhole Pipe Adapter And Grout (Fernco 4CMA).....	68.87	
02561-0065	EA	6" Manhole Pipe Adapter And Grout (Fernco 6CMA).....	94.80	
02561-0066	EA	8" Manhole Pipe Adapter And Grout (Fernco 8CMA).....	119.54	
02561-0067	EA	10" Manhole Pipe Adapter And Grout (Fernco 10CMA).....	144.16	
02561-0068	EA	12" Manhole Pipe Adapter And Grout (Fernco 12CMA).....	167.42	
02561-0069		Brick And Grout Pipe To Manhole Connector (02561-0051)		
02561-0070	EA	Seal Gap Between Pipe And Structure With Brick And Grout.....	150.77	
02561-0071		Inverts For Manholes (02561-0037)		
02561-0072	EA	Single Channel Concrete Invert For Manholes.....	270.61	
02561-0073	EA	Triple Channel Concrete Invert For Manholes.....	391.34	
02561-0074	EA	Single Channel Brick Invert For Manholes.....	373.55	
02561-0075	EA	Triple Channel Brick Invert For Manholes.....	559.54	
02561-0076		Steps For Cast-In-Place Manholes (02561-0037)		
		See CSI section 02570-0061 for installation of steps in existing manholes.		
02561-0077	EA	Cast Iron Manhole Step.....	47.41	
02561-0078	EA	Galvanized Steel Manhole Step.....	35.07	
02561-0079	EA	Aluminum Manhole Step.....	34.19	
02561-0080	EA	Polypropylene Manhole Step.....	27.65	
02561-0081		Protective Coating For New Manholes (02561-0037)		
02561-0082		Polyurethane Protective Coating For New Manholes (02561-0081)		
02561-0083	VLF	60 Mils Polyurethane Coating Of 3' Diameter Manhole Interior.....	122.95	
02MOD-0186		For 80 Mils Material, Add	16.51	
02MOD-0187		For 100 Mils Material, Add	33.02	
02MOD-0188		For 125 Mils Material, Add	51.88	
02MOD-0189		For 150 Mils Material, Add	70.74	
02MOD-0190		For 200 Mils Material, Add	103.72	
02MOD-0191		For 2 To 5 Manholes, Deduct	-8.52	
02MOD-0192		For 6 To 10 Manholes, Deduct	-13.96	
02MOD-0193		For > 10 Manholes, Deduct	-27.92	
02561-0084	VLF	60 Mils Polyurethane Coating Of 3-1/2' Diameter Manhole Interior.....	148.73	
02MOD-0186		For 80 Mils Material, Add	19.66	
02MOD-0187		For 100 Mils Material, Add	39.33	
02MOD-0188		For 125 Mils Material, Add	61.74	
02MOD-0189		For 150 Mils Material, Add	84.15	
02MOD-0190		For 200 Mils Material, Add	123.18	
02MOD-0191		For 2 To 5 Manholes, Deduct	-10.33	
02MOD-0192		For 6 To 10 Manholes, Deduct	-16.94	
02MOD-0193		For > 10 Manholes, Deduct	-33.89	
02561-0085	VLF	60 Mils Polyurethane Coating Of 4' Diameter Manhole Interior.....	163.93	
02MOD-0186		For 80 Mils Material, Add	22.01	
02MOD-0187		For 100 Mils Material, Add	44.02	
02MOD-0188		For 125 Mils Material, Add	69.17	
02MOD-0189		For 150 Mils Material, Add	94.31	
02MOD-0190		For 200 Mils Material, Add	138.28	
02MOD-0191		For 2 To 5 Manholes, Deduct	-11.35	
02MOD-0192		For 6 To 10 Manholes, Deduct	-18.61	
02MOD-0193		For > 10 Manholes, Deduct	-37.22	
02561-0086	VLF	60 Mils Polyurethane Coating Of 5' Diameter Manhole Interior.....	204.95	
02MOD-0186		For 80 Mils Material, Add	27.52	
02MOD-0187		For 100 Mils Material, Add	55.05	
02MOD-0188		For 125 Mils Material, Add	86.49	
02MOD-0189		For 150 Mils Material, Add	117.93	
02MOD-0190		For 200 Mils Material, Add	172.92	
02MOD-0191		For 2 To 5 Manholes, Deduct	-14.20	
02MOD-0192		For 6 To 10 Manholes, Deduct	-23.27	
02MOD-0193		For > 10 Manholes, Deduct	-46.53	
02561-0087	VLF	60 Mils Polyurethane Coating Of 6' Diameter Manhole Interior.....	237.52	
02MOD-0186		For 80 Mils Material, Add	32.40	
02MOD-0187		For 100 Mils Material, Add	64.79	
02MOD-0188		For 125 Mils Material, Add	101.89	
02MOD-0189		For 150 Mils Material, Add	139.00	
02MOD-0190		For 200 Mils Material, Add	204.14	
02MOD-0191		For 2 To 5 Manholes, Deduct	-16.40	
02MOD-0192		For 6 To 10 Manholes, Deduct	-26.87	
02MOD-0193		For > 10 Manholes, Deduct	-53.74	

02000 Site Construction**02550 Site Utilities****02561 Waste Water Collection Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02561-0088		PVC Liner <small>(02561-0081)</small>		
		Note: For new manholes and shop applied.		
02561-0089	VLF	3' Diameter PVC Liner For New Manhole	132.63	
02561-0090	VLF	3-1/2' Diameter PVC Liner For New Manhole	162.58	
02561-0091	VLF	4' Diameter PVC Liner For New Manhole	198.40	
02561-0092	VLF	5' Diameter PVC Liner For New Manhole	249.16	
02561-0093	VLF	6' Diameter PVC Liner For New Manhole	299.91	
02561-0094	SF	PVC Liner At Structures	20.08	
02561-0095		Concrete Grade Extensions/Grade Rings <small>(02561-0037)</small>		
02561-0096		18" Diameter <small>(02561-0095)</small>		
02561-0097	EA	4" High, 8" Wall, 18" Diameter Concrete Grade Extension	65.61	
02561-0098	EA	6" High, 8" Wall, 18" Diameter Concrete Grade Extension	72.03	
02561-0099	EA	8" High, 8" Wall, 18" Diameter Concrete Grade Extension	78.44	
02561-0100	EA	10" High, 8" Wall, 18" Diameter Concrete Grade Extension	82.18	
02561-0101		24" Diameter <small>(02561-0095)</small>		
02561-0102	EA	4" High, 8" Wall, 24" Diameter Concrete Grade Extension	73.71	
02561-0103	EA	6" High, 8" Wall, 24" Diameter Concrete Grade Extension	81.00	
02561-0104	EA	8" High, 8" Wall, 24" Diameter Concrete Grade Extension	88.29	
02561-0105	EA	10" High, 8" Wall, 24" Diameter Concrete Grade Extension	95.58	
02561-0106		30" Diameter <small>(02561-0095)</small>		
02561-0107	EA	4" High, 8" Wall, 30" Diameter Concrete Grade Extension	81.63	
02561-0108	EA	6" High, 8" Wall, 30" Diameter Concrete Grade Extension	89.76	
02561-0109	EA	8" High, 8" Wall, 30" Diameter Concrete Grade Extension	97.89	
02561-0110	EA	10" High, 8" Wall, 30" Diameter Concrete Grade Extension	106.02	
02561-0111		Bentonite Collar <small>(02561-0037)</small>		
02561-0112		Bentonite Collar At Manhole Connections <small>(02561-0111)</small>		
02561-0113	EA	Bentonite For Up To 12" Pipe Connection To Manhole	81.13	
02561-0114	EA	Bentonite For >12" To 21" Pipe Connection To Manhole	128.61	
02561-0115	EA	Bentonite For >21" To 30" Pipe Connection To Manhole	204.65	
02561-0116	EA	Bentonite For >30" To 36" Pipe Connection To Manhole	479.38	
02561-0117	EA	Bentonite For >36" To 48" Pipe Connection To Manhole	742.09	
02561-0118	EA	Bentonite For >48" To 60" Pipe Connection To Manhole	1,345.89	
02561-0119		Manhole Covers And Frames <small>(02561)</small>		
02561-0120		Regular Manhole Covers And Frames, City Type <small>(02561-0119)</small>		
02561-0121	EA	18" Square x 75 LB Regular Manhole Cover	411.85	64.07
		Note: Cast Iron With Frame, City Type		
	02MOD-0194	For Malleable Iron Castings, Add	65.44	
	02MOD-0195	For Ductile Iron Castings, Add	152.70	
	02MOD-0196	For Heavy Duty, Add	153.83	
02561-0122	EA	18" Diameter x 100 LB Regular Manhole Cover	613.84	64.07
		Note: Cast Iron With Frame, City Type		
	02MOD-0194	For Malleable Iron Castings, Add	126.04	
	02MOD-0195	For Ductile Iron Castings, Add	294.09	
	02MOD-0196	For Heavy Duty, Add	224.53	
02561-0123	EA	24" Square x 126 LB Regular Manhole Cover	626.65	70.03
		Note: Cast Iron With Frame, City Type		
	02MOD-0194	For Malleable Iron Castings, Add	124.83	
	02MOD-0195	For Ductile Iron Castings, Add	291.26	
	02MOD-0196	For Heavy Duty, Add	229.86	
02561-0124	EA	24" Diameter x 200 LB Regular Manhole Cover	646.85	70.03
		Note: Cast Iron With Frame, City Type		
	02MOD-0194	For Malleable Iron Castings, Add	130.89	
	02MOD-0195	For Ductile Iron Castings, Add	305.40	
	02MOD-0196	For Heavy Duty, Add	236.93	
02561-0125	EA	24" Diameter x 300 LB Regular Manhole Cover	704.24	74.51
		Note: Cast Iron With Frame, City Type		
	02MOD-0194	For Malleable Iron Castings, Add	144.22	
	02MOD-0195	For Ductile Iron Castings, Add	336.50	
	02MOD-0196	For Heavy Duty, Add	257.66	
02561-0126	EA	24" Diameter x 400 LB Regular Manhole Cover	775.53	82.70
		Note: Cast Iron With Frame, City Type		
	02MOD-0194	For Malleable Iron Castings, Add	158.15	
	02MOD-0195	For Ductile Iron Castings, Add	369.03	
	02MOD-0196	For Heavy Duty, Add	283.85	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02561-0127 EA 24" Square x 500 LB Regular Manhole Cover Note: Cast Iron With Frame, City Type	910.86	82.70
02MOD-0194 For Malleable Iron Castings, Add	198.75	
02MOD-0195 For Ductile Iron Castings, Add	463.76	
02MOD-0196 For Heavy Duty, Add	331.22	
02561-0128 EA 26" Diameter x 475 LB Regular Manhole Cover Note: Cast Iron With Frame, City Type	905.53	89.41
02MOD-0194 For Malleable Iron Castings, Add	190.88	
02MOD-0195 For Ductile Iron Castings, Add	445.38	
02MOD-0196 For Heavy Duty, Add	330.40	
02561-0129 EA 30" Diameter x 620 LB Regular Manhole Cover Note: Cast Iron With Frame, City Type	1,024.71	93.13
02MOD-0194 For Malleable Iron Castings, Add	223.60	
02MOD-0195 For Ductile Iron Castings, Add	521.73	
02MOD-0196 For Heavy Duty, Add	372.62	
02561-0130 Watertight Type Manhole Covers And Frames (02561-0119)		
02561-0131 EA 20" Diameter x 200 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	628.67 125.43 292.68	52.89
02561-0132 EA 22" Diameter x 300 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	803.63 172.72 403.01	52.89
02561-0133 EA 24" Diameter x 350 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	902.76 196.32 458.09	61.84
02561-0134 EA 26" Diameter x 500 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	1,109.85 252.17 588.40	69.29
02561-0135 EA 30" Diameter x 550 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	1,075.81 238.93 557.50	70.78
02561-0136 EA 32" Diameter x 575 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	1,156.22 261.96 611.23	72.27
02561-0137 EA 36" Diameter x 600 LB Watertight Manhole Cover With Frame 02MOD-0197 For Malleable Iron Castings, Add 02MOD-0198 For Ductile Iron Castings, Add	1,313.56 308.02 718.70	74.51
02561-0138 Aluminum Manhole Covers And Frames (02561-0119)		
02561-0139 EA 12" Square Aluminum Manhole Cover With Frame	367.45	22.18
02561-0140 EA 18" Square Aluminum Manhole Cover With Frame	635.80	24.56
02561-0141 EA 24" Square Aluminum Manhole Cover With Frame	895.06	28.52
02561-0142 Remove And Reinstall Manhole Cover And Frame (02561-0119)		
02561-0143 EA Remove And Reinstall Manhole Cover And Frame	298.72	
02561-0144 Rainguard Inflow Protectors (02561-0119)		
02561-0145 EA 18" Diameter ABS Rainguard Inflow Protectors.....	87.71	16.43
02561-0146 EA 22" Diameter ABS Rainguard Inflow Protectors.....	98.51	16.43
02561-0147 EA 24" Diameter ABS Rainguard Inflow Protectors.....	117.87	19.71
02561-0148 EA 26" Diameter ABS Rainguard Inflow Protectors.....	124.69	19.71
02561-0149 EA 30" Diameter ABS Rainguard Inflow Protectors.....	153.04	22.99
02561-0150 EA 32" Diameter ABS Rainguard Inflow Protectors.....	161.42	22.99
02561-0151 Waste Water Collection System Taps (02561) Note: For tapping existing structures only. Includes grout.		
02561-0152 Brick Manhole Taps (02561-0151)		
02561-0153 EA 4" Tap In 6" Brick Manhole	356.18	
02561-0154 EA 6" Tap In 6" Brick Manhole	399.17	
02561-0155 EA 8" Tap In 6" Brick Manhole	441.39	
02561-0156 EA 10" Tap In 6" Brick Manhole	483.53	
02561-0157 EA 12" Tap In 6" Brick Manhole	531.32	
02561-0158 EA 15" Tap In 6" Brick Manhole	573.37	
02561-0159 Precast Concrete Manhole Tap (02561-0151)		
02561-0160 EA 4" Tap In 8" Thick Precast Concrete Manhole	529.94	
02561-0161 EA 6" Tap In 8" Thick Precast Concrete Manhole.....	594.43	
02561-0162 EA 8" Tap In 8" Thick Precast Concrete Manhole.....	663.50	
02561-0163 EA 10" Tap In 8" Thick Precast Concrete Manhole	726.71	
02561-0164 EA 12" Tap In 8" Thick Precast Concrete Manhole	789.79	
02561-0165 EA 15" Tap In 8" Thick Precast Concrete Manhole	854.41	

02570 Maintenance And Repair For Manholes And Sewer Structures (02550)

02000 Site Construction**02550 Site Utilities****02570 Maintenance And Repair For Manholes And Sewer Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02570-0001 Restoration And Rehabilitation Of Manholes (02570)		
Note: Work is in confined spaces.		
02570-0002 Manhole Seals (02570-0001)		
02570-0003 Internal Manhole Chimney Seals (02570-0002)		
Note: Cretex		
02570-0004 EA 20" Internal Manhole Chimney Seal.....	335.49	
02570-0005 EA 22" Internal Manhole Chimney Seal.....	353.62	
02570-0006 EA 24" Internal Manhole Chimney Seal.....	362.68	
02570-0007 EA 26" Internal Manhole Chimney Seal.....	417.09	
02570-0008 EA 28" Internal Manhole Chimney Seal.....	471.49	
02570-0009 EA 30" Internal Manhole Chimney Seal.....	525.89	
02570-0010 EA 36" Internal Manhole Chimney Seal.....	634.70	
02570-0011 External Manhole Encapsulation (02570-0002)		
Note: Wrapidseal		
02570-0012 EA 24" External Manhole Encapsulation	489.62	
02570-0013 EA 30" External Manhole Encapsulation	516.83	
02570-0014 EA 36" External Manhole Encapsulation	553.09	
02570-0015 EA 42" External Manhole Encapsulation	598.43	
02570-0016 EA 48" External Manhole Encapsulation	661.90	
02570-0017 EA 54" External Manhole Encapsulation	734.43	
02570-0018 EA 60" External Manhole Encapsulation	825.11	
02570-0019 Manhole Restoration (02570-0001)		
Note: Includes power washing and cleaning of manhole interiors.		
02570-0020 Cementitious Manhole Restoration, Interior (02570-0019)		
02570-0021 VLF 1/2" Cementitious Restoration On 3' Diameter Manhole Interior.....	96.41	
02MOD-0199 For Each Additional 1/2" Thick Material, Add	22.77	
02MOD-0205 For 2 To 5 Manholes, Deduct	-6.82	
02MOD-0206 For 6 To 10 Manholes, Deduct	-11.23	
02MOD-0207 For > 10 Manholes, Deduct	-22.46	
02570-0022 VLF 1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior.....	111.77	
02MOD-0199 For Each Additional 1/2" Thick Material, Add	26.49	
02MOD-0205 For 2 To 5 Manholes, Deduct	-7.90	
02MOD-0206 For 6 To 10 Manholes, Deduct	-13.01	
02MOD-0207 For > 10 Manholes, Deduct	-26.03	
02570-0023 VLF 1/2" Cementitious Restoration On 4' Diameter Manhole Interior.....	127.14	
02MOD-0199 For Each Additional 1/2" Thick Material, Add	30.21	
02MOD-0205 For 2 To 5 Manholes, Deduct	-8.99	
02MOD-0206 For 6 To 10 Manholes, Deduct	-14.80	
02MOD-0207 For > 10 Manholes, Deduct	-29.60	
02570-0024 VLF 1/2" Cementitious Restoration On 5' Diameter Manhole Interior.....	149.58	
02MOD-0199 For Each Additional 1/2" Thick Material, Add	36.93	
02MOD-0205 For 2 To 5 Manholes, Deduct	-10.53	
02MOD-0206 For 6 To 10 Manholes, Deduct	-17.32	
02MOD-0207 For > 10 Manholes, Deduct	-34.65	
02570-0025 VLF 1/2" Cementitious Restoration On 6' Diameter Manhole Interior.....	163.34	
02MOD-0199 For Each Additional 1/2" Thick Material, Add	42.58	
02MOD-0205 For 2 To 5 Manholes, Deduct	-11.43	
02MOD-0206 For 6 To 10 Manholes, Deduct	-18.78	
02MOD-0207 For > 10 Manholes, Deduct	-37.55	
02570-0026 Polyurethane Manhole Restoration, Interior (02570-0019)		
02570-0027 VLF 60 Mils Polyurethane Restoration Of 3' Diameter Manhole Interior.....	244.00	
02MOD-0200 For 80 Mils Material, Add	32.38	
02MOD-0201 For 100 Mils Material, Add	64.77	
02MOD-0202 For 125 Mils Material, Add	101.70	
02MOD-0203 For 150 Mils Material, Add	138.62	
02MOD-0204 For 200 Mils Material, Add	203.01	
02MOD-0205 For 2 To 5 Manholes, Deduct	-16.94	
02MOD-0206 For 6 To 10 Manholes, Deduct	-27.77	
02MOD-0207 For > 10 Manholes, Deduct	-55.55	
02570-0028 VLF 60 Mils Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior.....	295.26	
02MOD-0200 For 80 Mils Material, Add	38.59	
02MOD-0201 For 100 Mils Material, Add	77.18	
02MOD-0202 For 125 Mils Material, Add	121.08	
02MOD-0203 For 150 Mils Material, Add	164.98	
02MOD-0204 For 200 Mils Material, Add	241.20	
02MOD-0205 For 2 To 5 Manholes, Deduct	-20.55	
02MOD-0206 For 6 To 10 Manholes, Deduct	-33.72	
02MOD-0207 For > 10 Manholes, Deduct	-67.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02570-0029 VLF 60 Mils Polyurethane Restoration Of 4' Diameter Manhole Interior	325.34	
02MOD-0200 For 80 Mils Material, Add	43.18	
02MOD-0201 For 100 Mils Material, Add	86.36	
02MOD-0202 For 125 Mils Material, Add	135.60	
02MOD-0203 For 150 Mils Material, Add	184.84	
02MOD-0204 For 200 Mils Material, Add	270.69	
02MOD-0205 For 2 To 5 Manholes, Deduct	-22.58	
02MOD-0206 For 6 To 10 Manholes, Deduct	-37.03	
02MOD-0207 For > 10 Manholes, Deduct	-74.07	
02570-0030 VLF 60 Mils Polyurethane Restoration Of 5' Diameter Manhole Interior	406.74	
02MOD-0200 For 80 Mils Material, Add	54.00	
02MOD-0201 For 100 Mils Material, Add	107.99	
02MOD-0202 For 125 Mils Material, Add	169.56	
02MOD-0203 For 150 Mils Material, Add	231.14	
02MOD-0204 For 200 Mils Material, Add	338.49	
02MOD-0205 For 2 To 5 Manholes, Deduct	-28.23	
02MOD-0206 For 6 To 10 Manholes, Deduct	-46.30	
02MOD-0207 For > 10 Manholes, Deduct	-92.59	
02570-0031 VLF 60 Mils Polyurethane Restoration Of 6' Diameter Manhole Interior	488.07	
02MOD-0200 For 80 Mils Material, Add	64.79	
02MOD-0201 For 100 Mils Material, Add	129.58	
02MOD-0202 For 125 Mils Material, Add	203.46	
02MOD-0203 For 150 Mils Material, Add	277.34	
02MOD-0204 For 200 Mils Material, Add	406.15	
02MOD-0205 For 2 To 5 Manholes, Deduct	-33.88	
02MOD-0206 For 6 To 10 Manholes, Deduct	-55.55	
02MOD-0207 For > 10 Manholes, Deduct	-111.11	
02570-0032 Epoxy Manhole Restoration, Interior (02570-0019)		
02570-0033 VLF 60 Mils Epoxy Restoration Of 3' Diameter Manhole Interior	217.69	
02MOD-0200 For 80 Mils Material, Add	23.61	
02MOD-0201 For 100 Mils Material, Add	47.23	
02MOD-0202 For 125 Mils Material, Add	73.19	
02MOD-0203 For 150 Mils Material, Add	99.16	
02MOD-0204 For 200 Mils Material, Add	141.62	
02MOD-0205 For 2 To 5 Manholes, Deduct	-15.62	
02MOD-0206 For 6 To 10 Manholes, Deduct	-25.80	
02MOD-0207 For > 10 Manholes, Deduct	-51.60	
02570-0034 VLF 60 Mils Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	264.53	
02MOD-0200 For 80 Mils Material, Add	28.35	
02MOD-0201 For 100 Mils Material, Add	56.70	
02MOD-0202 For 125 Mils Material, Add	87.79	
02MOD-0203 For 150 Mils Material, Add	118.89	
02MOD-0204 For 200 Mils Material, Add	169.50	
02MOD-0205 For 2 To 5 Manholes, Deduct	-19.02	
02MOD-0206 For 6 To 10 Manholes, Deduct	-31.42	
02MOD-0207 For > 10 Manholes, Deduct	-62.84	
02570-0035 VLF 60 Mils Epoxy Restoration Of 4' Diameter Manhole Interior	290.25	
02MOD-0200 For 80 Mils Material, Add	31.48	
02MOD-0201 For 100 Mils Material, Add	62.97	
02MOD-0202 For 125 Mils Material, Add	97.59	
02MOD-0203 For 150 Mils Material, Add	132.21	
02MOD-0204 For 200 Mils Material, Add	188.81	
02MOD-0205 For 2 To 5 Manholes, Deduct	-20.83	
02MOD-0206 For 6 To 10 Manholes, Deduct	-34.40	
02MOD-0207 For > 10 Manholes, Deduct	-68.80	
02570-0036 VLF 60 Mils Epoxy Restoration Of 5' Diameter Manhole Interior	362.85	
02MOD-0200 For 80 Mils Material, Add	39.37	
02MOD-0201 For 100 Mils Material, Add	78.73	
02MOD-0202 For 125 Mils Material, Add	122.02	
02MOD-0203 For 150 Mils Material, Add	165.30	
02MOD-0204 For 200 Mils Material, Add	236.08	
02MOD-0205 For 2 To 5 Manholes, Deduct	-26.04	
02MOD-0206 For 6 To 10 Manholes, Deduct	-43.00	
02MOD-0207 For > 10 Manholes, Deduct	-86.01	
02570-0037 VLF 60 Mils Epoxy Restoration Of 6' Diameter Manhole Interior	435.42	
02MOD-0200 For 80 Mils Material, Add	47.24	
02MOD-0201 For 100 Mils Material, Add	94.48	
02MOD-0202 For 125 Mils Material, Add	146.42	
02MOD-0203 For 150 Mils Material, Add	198.37	
02MOD-0204 For 200 Mils Material, Add	283.30	
02MOD-0205 For 2 To 5 Manholes, Deduct	-31.25	
02MOD-0206 For 6 To 10 Manholes, Deduct	-51.61	
02MOD-0207 For > 10 Manholes, Deduct	-103.21	
02570-0038 PVC Lining Manhole Restoration, Interior (02570-0019)		
Note: Wound strip liners		
02570-0039 VLF 3' Diameter CIP Multiplex Liner For Existing Manhole	294.73	
02MOD-0205 For 2 To 5 Manholes, Deduct	-17.68	
02MOD-0206 For 6 To 10 Manholes, Deduct	-28.00	
02MOD-0207 For > 10 Manholes, Deduct	-56.00	

02000 Site Construction**02550 Site Utilities****02570 Maintenance And Repair For Manholes And Sewer Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02570-0040 VLF 3-1/2' Diameter CIP Multiplex Liner For Existing Manhole.....	360.86	
02MOD-0205 For 2 To 5 Manholes, Deduct	-21.65	
02MOD-0206 For 6 To 10 Manholes, Deduct	-34.27	
02MOD-0207 For > 10 Manholes, Deduct	-68.54	
02570-0041 VLF 4' Diameter CIP Multiplex Liner For Existing Manhole.....	421.72	
02MOD-0205 For 2 To 5 Manholes, Deduct	-25.02	
02MOD-0206 For 6 To 10 Manholes, Deduct	-39.49	
02MOD-0207 For > 10 Manholes, Deduct	-78.98	
02570-0042 VLF 5' Diameter CIP Multiplex Liner For Existing Manhole.....	528.69	
02MOD-0205 For 2 To 5 Manholes, Deduct	-31.35	
02MOD-0206 For 6 To 10 Manholes, Deduct	-49.48	
02MOD-0207 For > 10 Manholes, Deduct	-98.95	
02570-0043 VLF 6' Diameter CIP Multiplex Liner For Existing Manhole.....	635.66	
02MOD-0205 For 2 To 5 Manholes, Deduct	-37.68	
02MOD-0206 For 6 To 10 Manholes, Deduct	-59.46	
02MOD-0207 For > 10 Manholes, Deduct	-118.93	
02570-0044 Sealing And Crack Repair (02570-0001)		
02570-0045 LF Epoxy Injection, Up To 1/4" Wide.....	36.63	
02570-0046 LF Epoxy Injection, Over 1/4" Wide.....	49.31	
02570-0047 LF Urethane Grout Injection.....	37.55	
02570-0048 SF Epoxy Grout, Patching.....	31.22	
02570-0049 SF Cementitious Grout, To 1/4" Thick.....	9.06	
02570-0050 Manhole Joint Restoration (02570-0001)		
Note: Includes drilling holes at joints, fill joints with grout.		
02570-0051 EA 3' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	1,244.92	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
02MOD-0208 For Grouting Each Additional Manhole Joint Section, Add	176.06	
02570-0052 EA 3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	1,453.19	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
02MOD-0208 For Grouting Each Additional Manhole Joint Section, Add	192.90	
02570-0053 EA 4' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	1,659.90	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
02MOD-0208 For Grouting Each Additional Manhole Joint Section, Add	209.74	
02570-0054 EA 5' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	1,949.33	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
02MOD-0208 For Grouting Each Additional Manhole Joint Section, Add	218.16	
02570-0055 EA 6' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,237.98	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
02MOD-0208 For Grouting Each Additional Manhole Joint Section, Add	226.59	
02570-0056 Inverts (02570-0001)		
02570-0057 EA Single Channel Concrete Invert Restoration.....	294.27	
02570-0058 EA Triple Channel Concrete Invert Restoration.....	547.01	
02570-0059 EA Single Channel Brick Invert Restoration.....	433.08	
02570-0060 EA Triple Channel Brick Invert Restoration.....	717.95	
02570-0061 Step Installation In Existing Manholes (02570-0001)		
Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
02570-0062 EA Drill And Grout 8" x 9" Cast Iron Manhole Steps.....	83.78	16.43
02570-0063 EA Drill And Grout Galvanized Steel Manhole Step.....	71.43	16.43
02570-0064 EA Bolt On Galvanized Steel Manhole Step.....	75.11	16.43
02570-0065 EA Drill And Grout Aluminum Manhole Step.....	70.56	16.43
02570-0066 EA Drill And Insert Polypropylene Manhole Step.....	44.44	13.14

02585 Underground Utility Vaults And Structures (02550)

See CSI section 02561-0001 for manholes, 02561-0119 for frames and covers.

02585-0001 Underground Utility Vault (02585)

Note: Sizes given are for inside dimensions.

02585-0002 6' High Precast Concrete Utility Vault (02585-0001)

02585-0003 EA 4' x 4' x 6' Precast Concrete Utility Vault.....	2,282.59	
Note: 6" Thick Walls And 8" Thick Top		
02585-0004 EA 4' x 6' x 6' Precast Concrete Utility Vault.....	2,975.39	
Note: 6" Thick Walls And 8" Thick Top		
02585-0005 EA 5' x 10' x 6' Precast Concrete Utility Vault.....	4,908.72	
Note: 6" Thick Walls And 8" Thick Top		
02585-0006 EA 5' x 12' x 6' Precast Concrete Utility Vault.....	5,667.89	
Note: 6" Thick Walls And 8" Thick Top		
02585-0007 EA 6' x 6' x 6' Precast Concrete Utility Vault.....	3,802.41	
Note: 6" Thick Walls And 8" Thick Top		
02585-0008 EA 6' x 8' x 6' Precast Concrete Utility Vault.....	4,628.68	
Note: 6" Thick Walls And 8" Thick Top		
02585-0009 EA 6' x 10' x 6' Precast Concrete Utility Vault.....	5,455.71	
Note: 6" Thick Walls And 8" Thick Top		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0010 EA 6' x 12' x 6' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	7,882.45	
02585-0011 EA 6' x 14' x 6' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	7,882.45	
02585-0012 EA 6' x 16' x 6' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	9,925.24	
02585-0013 EA 8' x 8' x 6' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,589.94	
02585-0014 EA 8' x 10' x 6' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	6,550.47	
02585-0015 EA 8' x 12' x 6' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	9,363.34	
02585-0016 EA 8' x 14' x 6' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	10,538.42	
02585-0017 7' High Precast Concrete Utility Vault (02585-0001)		
02585-0018 EA 4' x 4' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	2,512.91	
02585-0019 EA 4' x 6' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	3,262.92	
02585-0020 EA 4' x 8' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	4,012.91	
02585-0021 EA 5' x 10' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,339.65	
02585-0022 EA 5' x 12' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	6,156.77	
02585-0023 EA 6' x 6' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	4,147.15	
02585-0024 EA 6' x 8' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,031.40	
02585-0025 EA 6' x 10' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,915.62	
02585-0026 EA 6' x 12' x 7' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	8,571.92	
02585-0027 EA 6' x 16' x 7' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	10,768.02	
02585-0028 EA 8' x 8' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 6" Thick Top	6,049.84	
02585-0029 EA 8' x 10' x 7' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 6" Thick Top	7,067.58	
02585-0030 EA 8' x 12' x 7' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	10,129.91	
02585-0031 EA 8' x 14' x 7' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	11,380.44	
02585-0032 EA 10' x 10' x 7' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	10,282.64	
02585-0033 8' High Precast Concrete Utility Vault (02585-0001)		
02585-0034 EA 4' x 4' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	2,742.49	
02585-0035 EA 4' x 6' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	3,550.45	
02585-0036 EA 5' x 10' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,770.57	
02585-0037 EA 5' x 12' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	6,644.90	
02585-0038 EA 6' x 6' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	4,491.88	
02585-0039 EA 6' x 8' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,433.34	
02585-0040 EA 6' x 10' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	6,374.80	
02585-0041 EA 6' x 12' x 8' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	9,261.39	
02585-0042 EA 6' x 16' x 8' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	11,610.84	
02585-0043 EA 8' x 8' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	6,509.01	
02585-0044 EA 8' x 10' x 8' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	7,584.69	
02585-0045 EA 8' x 12' x 8' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	10,895.66	
02585-0046 EA 8' x 14' x 8' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	12,223.25	
02585-0047 EA 10' x 10' x 8' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	11,048.97	
02585-0048 10' High Precast Concrete Utility Vault (02585-0001)		
02585-0049 EA 6' x 6' x 10' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	4,836.65	

02000 Site Construction**02550 Site Utilities****02585 Underground Utility Vaults And Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0050	EA	6' x 8' x 10' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,835.29	
02585-0051	EA	10' x 10' x 10' Precast Concrete Utility Vault..... Note: 8" Thick Walls And Top	11,814.68	
02585-0052		12' High Precast Concrete Utility Vault (02585-0001)		
02585-0053	EA	6' x 6' x 12' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	5,181.39	
02585-0054	EA	6' x 8' x 12' Precast Concrete Utility Vault..... Note: 6" Thick Walls And 8" Thick Top	6,238.00	
02585-0055		Meter Pit (02585)		
02585-0056		Precast Concrete Meter Pit (02585-0055)		
02585-0057	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit.....	1,637.27	
02585-0058	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit.....	2,174.63	
02585-0059	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit.....	2,664.68	
02585-0060	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit.....	3,263.56	
02585-0061	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit.....	4,380.32	
02585-0062	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit.....	2,440.36	
02585-0063	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit.....	3,263.56	
02585-0064	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit.....	4,141.71	
02585-0065	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit.....	5,169.44	
02585-0066	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit.....	7,077.58	
02585-0067		Handhole Enclosures (02585)		
02585-0068		Polymer Concrete Handhole Enclosures (02585-0067)		
02585-0069		Polymer Concrete Handhole Enclosures (02585-0068)		
02585-0070		Flared Sides, Polymer Concrete Handhole Enclosures (02585-0069)		
02585-0071		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (02585-0070)		
02585-0072	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	175.07	17.38
02585-0073	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	162.85	38.61
02585-0074	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	248.13	57.91
02585-0075	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	283.77	57.91
02585-0076	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	271.99	57.91
02585-0077	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	323.39	57.91
02585-0078	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	315.63	57.91
02585-0079	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	419.71	57.91
02585-0080	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	593.63	77.22
02585-0081	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	817.60	77.22
02585-0082	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	556.78	106.17
02585-0083	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	626.92	106.17
02585-0084	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	991.80	106.17
02585-0085	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	595.78	115.81
02585-0086	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	825.54	115.81
02585-0087	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,013.42	115.81
02585-0088	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,457.80	115.81
02585-0089	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	861.38	175.35
02585-0090	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,207.18	175.35
02585-0091		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (02585-0070)		
02585-0092	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	221.63	17.38
02585-0093	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	303.58	57.91



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0094 EA 17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	360.94	57.91
02585-0095 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	335.27	57.91
02585-0096 EA 13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	379.19	57.91
02585-0097 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	390.71	57.91
02585-0098 EA 17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	495.43	57.91
02585-0099 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	674.69	106.17
02585-0100 EA 24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	744.83	106.17
02585-0101 EA 24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,109.72	106.17
02585-0102 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	999.17	175.35
02585-0103 EA 30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,347.59	175.35
02585-0104 Straight Sides, Polymer Concrete Handhole Enclosures <small>(02585-0069)</small>		
02585-0105 Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(02585-0104)</small>		
02585-0106 EA 5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	281.54	17.38
02585-0107 EA 10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.40	17.38
02585-0108 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	217.03	57.91
02585-0109 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	241.90	57.91
02585-0110 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	72.96	17.38
02585-0111 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	108.19	17.38
02585-0112 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	169.35	17.38
02585-0113 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	176.75	17.38
02585-0114 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	160.27	38.61
02585-0115 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	171.62	38.61
02585-0116 EA 8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	106.68	17.38
02585-0117 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	120.55	17.38
02585-0118 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	170.44	38.61
02585-0119 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	189.53	38.61
02585-0120 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	177.17	38.61
02585-0121 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	218.19	57.91
02585-0122 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	236.91	57.91
02585-0123 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	250.83	57.91
02585-0124 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	271.80	57.91
02585-0125 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	313.62	57.91
02585-0126 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	338.98	57.91
02585-0127 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	366.74	57.91
02585-0128 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	384.19	57.91
02585-0129 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	462.06	77.22
02585-0130 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	480.79	106.17
02585-0131 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	602.35	106.17
02585-0132 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	714.60	106.17
02585-0133 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	785.48	106.17
02585-0134 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	855.99	106.17
02585-0135 EA 36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	996.29	175.35
02585-0136 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	747.79	175.35
02585-0137 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	837.82	175.35

02000 Site Construction**02550 Site Utilities****02585 Underground Utility Vaults And Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0138	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,009.98	175.35
02585-0139	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,008.21	175.35
02585-0140	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,072.47	175.35
02585-0141	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,196.06	175.35
02585-0142	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,112.64	187.88
02585-0143	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,199.90	187.88
02585-0144	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,311.30	187.88
02585-0145	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,355.87	187.88
02585-0146	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,371.36	187.88
02585-0147	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,541.10	187.88
02585-0148	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,211.46	187.88
02585-0149	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,569.12	187.88
02585-0150	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,760.95	200.40
02585-0151	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,150.10	200.40
02585-0152	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,730.04	200.40
02585-0153		Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(02585-0104)</small>		
02585-0154	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	281.59	57.91
02585-0155	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	318.47	57.91
02585-0156	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	117.16	17.38
02585-0157	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	165.32	17.38
02585-0158	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	218.56	17.38
02585-0159	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	225.97	17.38
02585-0160	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	208.74	38.61
02585-0161	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	216.64	38.61
02585-0162	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	227.20	38.61
02585-0163	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	154.88	17.38
02585-0164	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	181.39	17.38
02585-0165	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	226.95	38.61
02585-0166	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	246.03	38.61
02585-0167	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	234.28	38.61
02585-0168	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	281.23	57.91
02585-0169	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	300.18	57.91
02585-0170	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	326.06	57.91
02585-0171	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	346.90	57.91
02585-0172	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	388.59	57.91
02585-0173	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	414.06	57.91
02585-0174	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	441.70	57.91
02585-0175	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	459.27	57.91
02585-0176	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	565.78	77.22
02585-0177	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	598.71	106.17
02585-0178	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	720.13	106.17



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0179 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	832.25	106.17
02585-0180 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	903.03	106.17
02585-0181 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	973.77	106.17
02585-0182 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	884.28	175.35
02585-0183 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	974.44	175.35
02585-0184 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,146.46	175.35
02585-0185 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(02585-0104)</small>		
02585-0186 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	260.97	57.91
02585-0187 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	298.88	57.91
02585-0188 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	88.98	17.38
02585-0189 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	140.58	17.38
02585-0190 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	197.97	17.38
02585-0191 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	205.51	17.38
02585-0192 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	195.18	38.61
02585-0193 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	217.15	38.61
02585-0194 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	124.15	17.38
02585-0195 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	205.98	38.61
02585-0196 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	233.35	38.61
02585-0197 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	213.09	38.61
02585-0198 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	278.33	57.91
02585-0199 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	315.74	57.91
02585-0200 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	328.19	57.91
02585-0201 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	357.81	57.91
02585-0202 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	385.07	57.91
02585-0203 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	410.80	57.91
02585-0204 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	456.88	57.91
02585-0205 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	463.30	57.91
02585-0206 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	573.82	77.22
02585-0207 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	609.13	106.17
02585-0208 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	743.22	106.17
02585-0209 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	875.84	106.17
02585-0210 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	963.92	106.17
02585-0211 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,052.00	106.17
02585-0212 EA 36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,160.40	175.35
02585-0213 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	911.91	175.35
02585-0214 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,008.96	175.35
02585-0215 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,181.00	175.35
02585-0216 EA 30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,256.88	175.35
02585-0217 EA 30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,280.64	175.35
02585-0218 EA 30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,511.16	175.35
02585-0219 EA 36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,414.30	187.88
02585-0220 EA 36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,459.39	187.88
02585-0221 EA 36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,587.28	187.88
02585-0222 EA 36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,684.08	187.88

02000 Site Construction**02550 Site Utilities****02585 Underground Utility Vaults And Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0223	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,554.69	187.88
02585-0224	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,900.88	187.88
02585-0225	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,662.47	187.88
02585-0226	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,817.80	187.88
02585-0227	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,188.20	200.40
02585-0228	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,577.50	200.40
02585-0229	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,441.42	200.40
02585-0230 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(02585-0104)</small>				
02585-0231	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	325.52	57.91
02585-0232	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	375.60	57.91
02585-0233	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	132.83	17.38
02585-0234	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	197.60	17.38
02585-0235	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	247.07	17.38
02585-0236	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	254.72	17.38
02585-0237	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	251.69	38.61
02585-0238	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	273.52	38.61
02585-0239	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	186.81	17.38
02585-0240	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	262.23	38.61
02585-0241	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	289.60	38.61
02585-0242	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	254.07	38.61
02585-0243	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	341.62	57.91
02585-0244	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	379.04	57.91
02585-0245	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	403.27	57.91
02585-0246	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	432.91	57.91
02585-0247	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	460.15	57.91
02585-0248	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	485.90	57.91
02585-0249	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	531.98	57.91
02585-0250	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	538.38	57.91
02585-0251	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	677.40	77.22
02585-0252	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	727.04	106.17
02585-0253	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	861.01	106.17
02585-0254	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	993.48	106.17
02585-0255	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,081.63	106.17
02585-0256	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,169.77	106.17
02585-0257	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,048.52	175.35
02585-0258	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,145.71	175.35
02585-0259	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,317.62	175.35
02585-0260 Footed, Straight Sides, Polymer Concrete Handhole Enclosures <small>(02585-0104)</small>				
02585-0261	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	276.71	57.91
02585-0262	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	186.63	38.61
02585-0263	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	207.74	38.61
02585-0264	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	249.32	57.91



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0265 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	193.55	38.61
02585-0266 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	213.76	38.61
02585-0267 Polymer Concrete Handhole Enclosure Extensions (02585-0068)		
02585-0268 EA 13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	210.03	57.91
02585-0269 EA 17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	232.03	57.91
02585-0270 EA 24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	271.72	77.22
02585-0271 EA 24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	293.31	77.22
02585-0272 EA 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	354.88	106.17
02585-0273 EA 36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	619.71	175.35
02585-0274 EA 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	596.10	175.35
02585-0275 EA 30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	601.26	175.35
02585-0276 EA 36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	786.49	187.88
02585-0277 EA 48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,198.98	200.40
02585-0278 EA 48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,541.88	200.40
02585-0279 EA 13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	325.43	57.91
02585-0280 EA 17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	338.86	57.91
02585-0281 EA 24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	370.15	77.22
02585-0282 EA 24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	391.98	77.22
02585-0283 EA 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	462.84	106.17
02585-0284 EA 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	748.67	175.35
02585-0285 EA 13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	259.75	57.91
02585-0286 EA 17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	286.25	57.91
02585-0287 EA 24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	392.90	106.17
02585-0288 EA 36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	761.22	187.88
02585-0289 Polymer Concrete Handhole Enclosure Covers (02585-0068)		
02585-0290 Polymer Concrete Handhole Enclosure Covers (02585-0289)		
02585-0291 EA 5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	68.34	7.73
02585-0292 EA 10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	69.19	7.73
02585-0293 EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	64.35	7.73
02585-0294 EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	69.35	7.73
02585-0295 EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	70.00	7.72
02585-0296 EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	79.86	7.72
02585-0297 EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	92.06	7.72
02585-0298 EA 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	592.74	22.54
02585-0299 EA 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	520.00	22.54
02585-0300 EA 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	773.34	22.54
02585-0301 EA 48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	781.98	22.54
02585-0302 EA 36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	884.48	22.54
02585-0303 EA 48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	962.78	22.54
02585-0304 EA 48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,540.86	22.54
02585-0305 EA 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	58.97	7.72
02585-0306 EA 11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	83.18	7.72
02585-0307 EA 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	84.30	7.72
02585-0308 EA 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	105.28	7.72
02585-0309 EA 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	80.17	7.72
02585-0310 EA 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	123.99	7.72
02585-0311 EA 17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	98.00	7.72
02585-0312 EA 27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	197.93	7.72
02585-0313 EA 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	175.32	11.58
02585-0314 EA 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	218.57	11.58
02585-0315 EA 39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	281.15	13.51
02585-0316 EA 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	394.23	17.54
02585-0317 EA 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	410.47	33.40
02585-0318 EA 11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	106.54	7.72
02585-0319 EA 13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	150.61	7.72
02585-0320 EA 17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	170.96	7.72
02585-0321 EA 27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	282.26	7.72

02000 Site Construction**02550 Site Utilities****02585 Underground Utility Vaults And Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0322	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	234.77	11.58
02585-0323	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	394.40	13.51
02585-0324	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	516.91	17.54
02585-0325	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	697.01	22.54
02585-0326	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	620.80	22.54
02585-0327	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	863.13	22.54
02585-0328	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,120.86	22.54
02585-0329	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,073.84	22.54
02585-0330	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,624.79	22.54
02585-0331	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,504.16	22.54
02585-0332	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	139.19	7.72
02585-0333	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	151.93	7.72
02585-0334	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	199.08	7.72
02585-0335	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	226.45	7.72
02585-0336	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	389.20	7.72
02585-0337	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	285.17	11.58
02585-0338	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	388.21	11.58
02585-0339	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	600.16	13.51
02585-0340	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	687.67	17.54
02585-0341	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	716.21	33.40
02585-0342	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	828.21	22.54
02585-0343	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,152.21	22.54
02585-0344	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,607.93	22.54
02585-0345	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,435.94	22.54
02585-0346	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,372.97	22.54
02585-0347	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	3,657.18	22.54

02585-0348**Polymer Concrete Handhole Enclosure Covers With Gaskets (02585-0289)**

02585-0349	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	78.03	7.73
02585-0350	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	82.30	7.73
02585-0351	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	83.69	7.72
02585-0352	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	84.21	7.72
02585-0353	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	96.71	7.72
02585-0354	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	62.90	7.72
02585-0355	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	87.21	7.72
02585-0356	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	87.99	7.72
02585-0357	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	109.43	7.72
02585-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	84.69	7.72
02585-0359	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	102.78	7.72
02585-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	128.39	7.72
02585-0361	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	178.27	11.58
02585-0362	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	223.10	11.58
02585-0363	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	415.12	33.40
02585-0364	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	52.90	7.73
02585-0365	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	80.96	7.73
02585-0366	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	89.71	7.73
02585-0367	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	85.83	7.73
02585-0368	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	71.26	7.72
02585-0369	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	110.56	7.72
02585-0370	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	119.64	7.72
02585-0371	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	154.89	7.72
02585-0372	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	175.60	7.72
02585-0373	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	238.92	11.58
02585-0374	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	297.17	11.58
02585-0375	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	543.81	33.40

02585-0376**Polymer Concrete Handhole Enclosure Covers Without Bolts (02585-0289)**

02585-0377	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	43.25	7.73
02585-0378	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	50.80	7.73
02585-0379	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	60.96	7.73
02585-0380	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	65.48	7.73
02585-0381	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	65.36	7.72
02585-0382	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	76.93	7.72
02585-0383	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	88.31	7.72
02585-0384	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	211.16	11.58
02585-0385	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	393.53	33.40
02585-0386	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	586.38	22.54
02585-0387	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	512.82	22.54
02585-0388	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	761.53	22.54
02585-0389	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	735.23	22.54
02585-0390	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	877.63	22.54
02585-0391	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	937.45	22.54
02585-0392	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,492.18	22.54
02585-0393	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	56.82	7.72
02585-0394	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	55.56	7.72
02585-0395	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	80.46	7.72
02585-0396	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	88.09	7.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02585-0397 EA 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	99.26	7.72
02585-0398 EA 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	76.28	7.72
02585-0399 EA 18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	84.69	7.72
02585-0400 EA 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	118.71	7.72
02585-0401 EA 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	171.90	11.58
02585-0402 EA 20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	213.50	11.58
02585-0403 EA 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	211.03	11.58
02585-0404 EA 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	378.78	17.54
02585-0405 EA 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	393.53	20.04
02585-0406	Overlapping, Polymer Concrete Handhole Enclosure Covers (02585-0289)	
02585-0407 EA 30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	610.08	22.54
02585-0408 EA 36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	878.50	22.54
02585-0409 EA 30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	512.42	33.40
02585-0410 EA 30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	676.28	33.40
02585-0411 EA 30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	722.79	22.54
02585-0412 EA 36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	981.13	22.54
02585-0413	Split, Polymer Concrete Handhole Enclosure Covers (02585-0289)	
02585-0414 EA 24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	239.00	11.58
02585-0415 EA 36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	442.58	17.54
02585-0416 EA 30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	463.59	33.40
02585-0417 EA 6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	41.15	7.73
02585-0418 EA 8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	65.88	7.73
02585-0419 EA 12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	72.14	7.73
02585-0420 EA 8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	76.28	7.73
02585-0421 EA 10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	67.36	7.72
02585-0422 EA 11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	115.95	7.72
02585-0423 EA 24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	318.45	11.58
02585-0424 EA 36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	585.85	17.54
02585-0425 EA 30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	614.77	33.40
02585-0426	Precast Concrete Handholes With Steel Cover (02585-0067)	
Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
02585-0427 EA 12" x 12" x 12" Precast Concrete Handholes With Steel Cover.....	515.69	159.41
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0209 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0428 EA 12" x 24" x 21" Precast Concrete Handholes With Steel Cover.....	18.00	853.79
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0210 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0429 EA 18" x 30" x 18" Precast Concrete Handholes With Steel Cover.....	82.15	1,048.01
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0211 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0430 EA 24" x 24" x 24" Precast Concrete Handholes With Steel Cover.....	137.70	1,083.04
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0212 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0431 EA 24" x 24" x 30" Precast Concrete Handholes With Steel Cover.....	170.47	1,283.92
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0212 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0432 EA 30" x 36" x 30" Precast Concrete Handholes With Steel Cover.....	202.22	1,342.37
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0213 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0433 EA 36" x 36" x 48" Precast Concrete Handholes With Steel Cover.....	230.57	1,559.07
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0214 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0434 EA 48" x 48" x 48" Precast Concrete Handholes With Steel Cover.....	266.66	1,794.07
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0215 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0435 EA 48" x 72" x 36" Precast Concrete Handholes With Steel Cover.....	396.19	1,731.80
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0216 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0436 EA 54" x 38" x 24" Precast Concrete Handholes With Steel Cover.....	455.98	1,746.66
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0217 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0437 EA 6" Diameter Precast Concrete Handholes With Steel Cover.....	285.78	420.62
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0218 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0438 EA 9" Diameter Precast Concrete Handholes With Steel Cover.....	15.00	491.77
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0218 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
02585-0439 EA 12" Diameter Precast Concrete Handholes With Steel Cover.....	15.00	594.20
Note: 8000 To 12000 pound traffic rated top.		
<i>02MOD-0218 For 15000 to 22500 Pound Traffic Rated Top, Add</i>		
	15.00	

02600 Paving And Surfacing (02000)

02611 Base Courses (02600)

02000 Site Construction**02600 Paving And Surfacing****02611 Base Courses**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02611-0001		Gravel And Stone Base And Subbase Courses <small>(02611)</small>		
02611-0002		Base And Subbase Courses For Roadways And Parking Areas <small>(02611-0001)</small> Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02611-0003		Base And Subbase Courses By The CY <small>(02611-0002)</small>		
02611-0004	CY	Graded Crushed Aggregate Roadway Base Course	54.61	
		<i>02MOD-0219 For Limestone, Deduct</i>	-2.94	
02611-0005	CY	Bituminous Stabilized Base Course	75.28	
		Note: 3/4" ASTM C33.		
02611-0006	CY	Class II Base Course	61.78	
02611-0007	CY	Class III Base Course	62.62	
02611-0008		Base Courses For Sidewalk (Asphalt Or Concrete) <small>(02611-0001)</small> Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02611-0009	SF	2" Crushed Aggregate Base Course	0.41	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.11	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.04	
02611-0010	SF	3" Crushed Aggregate Base Course	0.58	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.16	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.06	
02611-0011	SF	4" Crushed Aggregate Base Course	0.75	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.21	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.08	
02611-0012	SF	5" Crushed Aggregate Base Course	0.97	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.27	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.10	
02611-0013	SF	6" Crushed Aggregate Base Course	1.18	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.33	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.12	
02611-0014	SF	7" Crushed Aggregate Base Course	1.35	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.38	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.14	
02611-0015	SF	8" Crushed Aggregate Base Course	1.54	
		<i>02MOD-0220 For Up To 1000, Add</i>	0.43	
		<i>02MOD-0221 For > 1000 To 2500, Add</i>	0.15	
02612		Bituminous Paving <small>(02600)</small> Note: Includes delivery to the site, placement, rolling, finishing and sweeping. Thicknesses indicated are compacted depth.		
02612-0001		Bituminous Concrete Paving <small>(02612)</small>		
02612-0002		Intermediate Binder Courses <small>(02612-0001)</small> Note: Meets Caltran requirements.		
02612-0003	TON	Bituminous Hot Mix Intermediate Course 3954 LB/CY	104.02	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	12.60	
		<i>02MOD-0665 For Warm Mix Additive, Add</i>	5.46	
02612-0004	SY	1" Thick Binder Course	6.05	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	0.69	
02612-0005	SY	1-1/2" Thick Binder Course	8.94	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	1.04	
02612-0006	SY	2" Thick Binder Course	11.79	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	1.38	
02612-0007	SY	2-1/2" Thick Binder Course	14.30	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	1.73	
02612-0008	SY	3" Thick Binder Course	16.84	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	2.08	
02612-0009	SY	3-1/2" Thick Binder Course	19.60	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	2.42	
02612-0010	SY	4" Thick Binder Course	22.45	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	2.77	
02612-0011	SY	5" Thick Binder Course	28.03	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	3.46	
02612-0012	SY	6" Thick Binder Course	33.68	
		Note: Includes placement, rolling, finishing and sweeping.		
		<i>02MOD-0629 For PG64-10 Asphalt, Add</i>	4.15	
02612-0013		Surface Courses <small>(02612-0001)</small> Note: Meets Caltran requirements.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02612-0014 TON Bituminous Hot Mix Surface Course 3954 LB/CY.....	109.02	
Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
02MOD-0001 For PG64-10 Asphalt, Add	6.30	
02MOD-0665 For Warm Mix Additive, Add	5.46	
02612-0015 TON Asphalt Rubberized Hot Mix (ARHM) Surface Course.....	125.80	
Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
02MOD-0665 For Warm Mix Additive, Add	6.28	
02612-0016 SY 1" Thick Surface Course.....	6.21	
Note: Includes placement, rolling, finishing and sweeping.		
02MOD-0001 For PG64-10 Asphalt, Add	0.33	
02612-0017 SY 1-1/2" Thick Surface Course.....	9.12	
Note: Includes placement, rolling, finishing and sweeping.		
02MOD-0001 For PG64-10 Asphalt, Add	0.50	
02612-0018 SY 2" Thick Surface Course.....	12.02	
Note: Includes placement, rolling, finishing and sweeping.		
02MOD-0001 For PG64-10 Asphalt, Add	0.66	
02612-0019 SY 2-1/2" Thick Surface Course.....	14.48	
Note: Includes placement, rolling, finishing and sweeping.		
02MOD-0001 For PG64-10 Asphalt, Add	0.83	
02612-0020 SY 3" Thick Surface Course.....	16.96	
Note: Includes placement, rolling, finishing and sweeping.		
02MOD-0001 For PG64-10 Asphalt, Add	0.99	
02612-0021 TON Hand Placed Hot Mixed Asphalt 3954 LB/CY.....	251.29	
Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.		
02612-0022 SY Surface Prime Coat, 0.28 Gallon/SY.....	1.06	
02MOD-0622 For Up To 150, Add	0.23	
02MOD-0623 For > 150 To 300, Add	0.11	
02MOD-0624 For > 300 To 500, Add	0.05	
02MOD-0625 For > 3500 To 5000, Deduct	-0.03	
02MOD-0626 For > 5000, Deduct	-0.07	
02612-0023 SY Tack Coat, 0.1 Gallon/SY.....	0.59	
02MOD-0622 For Up To 150, Add	0.12	
02MOD-0623 For > 150 To 300, Add	0.06	
02MOD-0624 For > 300 To 500, Add	0.03	
02MOD-0625 For > 3500 To 5000, Deduct	-0.01	
02MOD-0626 For > 5000, Deduct	-0.04	
02612-0024 Fabrics (02612-0001)		
See CSI section 02242-0000 for geotextile fabric.		
02612-0025 SY Support Fabric 4 Oz Polypropylene.....	0.68	
Note: For installation between layers of asphalt or overlays		
02612-0026 SY Support Fabric 6 Oz Polypropylene.....	0.90	
Note: For installation between layers of asphalt or overlays		
02612-0027 Waterproofing Membranes (02612-0001)		
02612-0028 SY Prefomed Rubberized Asphalt Membrane, Up To 500 SY.....	26.35	
02612-0029 SY Prefomed Rubberized Asphalt Membrane, > 500 To 1000 SY.....	19.74	
02612-0030 SY Prefomed Rubberized Asphalt Membrane, > 1000 SY.....	12.26	
02612-0031 SY Waterproofing, Membrane, Tar And Fabric, Up To 500 SY.....	21.79	
02612-0032 SY Waterproofing, Membrane, Tar And Fabric, > 500 To 1000 SY.....	15.30	
02612-0033 SY Waterproofing, Membrane, Tar And Fabric, > 1000 SY.....	7.94	
02612-0034 Cold Laid Asphalt Pavement (02612-0001)		
Note: .5 Gal asphalt/SY per inch depth; well graded granular aggregate.		
02612-0035 SY Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course.....	9.58	
02612-0036 SY Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course.....	9.34	
02612-0037 SY Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course.....	15.43	
02612-0038 Bituminous Surface Treatment For Roadways (02612)		
Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY		
02612-0039 SY Single Course Bituminous Treatment, Prepare And Clean Surface Roadway.....	2.29	
02612-0040 SY Double Course Bituminous Treatment, Prepare And Clean Surface Roadway.....	4.12	
02612-0041 Bituminous Surface Treatment For Trails (02612)		
Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY		
02612-0042 SY Bituminous Surface Treatment, For Trails.....	1.58	
02613 Cold Milling Of Pavement (02600)		
Note: Excludes hauling of material See CSI section 02119-0011 for hauling.		
02613-0001 Removal Of Asphalt Surface Course (02613)		
Note: Includes direct loading into truck.		
02613-0002 Production Cold Milling Of Roads And Parking Areas (02613-0001)		
Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc.		

02000 Site Construction
02600 Paving And Surfacing
02613 Cold Milling Of Pavement



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02613-0003 SY Production Cold Milling Of Asphalt Up To 3" Depth	2.83	
02MOD-0222 For > 10000 To 25000, Deduct	-0.14	
02MOD-0223 For > 25000, Deduct	-0.28	
02613-0004 SY Production Cold Milling Of Asphalt > 3" To 6" Depth	3.77	
02MOD-0222 For > 10000 To 25000, Deduct	-0.19	
02MOD-0223 For > 25000, Deduct	-0.38	
02613-0005 SY Production Cold Milling Of Asphalt > 6" To 12" Depth	5.03	
02MOD-0222 For > 10000 To 25000, Deduct	-0.25	
02MOD-0223 For > 25000, Deduct	-0.50	
02613-0006 SY Production Cold Milling Of Concrete Per Inch.....	4.28	
02613-0007 Limited Production Cold Milling (02613-0001)		
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc.		
02613-0008 SY Limited Cold Milling Of Asphalt Up To 3" Depth.....	19.70	
02MOD-0224 For > 100 To 1000, Deduct	-9.85	
02MOD-0225 For > 1000, Deduct	-14.78	
02613-0009 SY Limited Cold Milling Of Asphalt > 3" To 6" Depth.....	26.08	
02MOD-0224 For > 100 To 1000, Deduct	-13.04	
02MOD-0225 For > 1000, Deduct	-19.56	
02613-0010 SY Limited Cold Milling Of Asphalt > 6" To 12" Depth.....	34.74	
02MOD-0224 For > 100 To 1000, Deduct	-17.37	
02MOD-0225 For > 1000, Deduct	-26.06	
02613-0011 SY Limited Cold Milling Of Concrete Per Inch	29.60	
02613-0012 EA Replace Traffic Induction Loop	452.97	
Note: Includes saw cutting, replacement wire for 1 induction loop circuit, and sealing cut. Does not include junction box or conduit.		
02613-0013 Rejuvenate, Respread Asphalt Pavement (02613)		
Note: Includes direct loading into truck.		
02613-0014 SY Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep	20.82	
02613-0015 SY Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar.....	22.34	
02613-0016 TON Remove, Rejuvenate, Respread Asphalt Grindings.....	361.74	
02613-0017 Grind, Leave In-Place Asphalt Grindings (02613)		
Note: For use as subbase material, includes spreading and rolling.		
02613-0018 SY Grind, Leave In-Place As Subbase Course, 6-9" Depth	5.33	
02613-0019 Reclamation, Pulverize And Blending With Existing (02613)		
Note: Includes direct loading into truck.		
02613-0020 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, Up To 2" Thick Pavement, To 15000 SY	2.42	
02613-0021 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, Up To 2" Thick Pavement, Over 15000 SY.....	2.29	
02613-0022 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 3" Thick Pavement, To 15000 SY	2.64	
02613-0023 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 3" Thick Pavement, Over 15000 SY.....	2.49	
02613-0024 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 4" Thick Pavement, To 15000 SY	2.91	
02613-0025 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, 4" Thick Pavement, Over 15000 SY.....	2.69	
02613-0026 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, >4" To 8" Thick Pavement, To 15000 SY	3.17	
02613-0027 SY Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base, >4" To 8" Thick Pavement, Over 15000 SY.....	2.96	
02613-0028 EA Add For Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,628.80	
02613-0029 Pavement Grooving (02613)		
Note: Includes work around man holes, scuppers, drainage structures, catch basins, sweeping and cleaning. Excludes mobilization and hauling. See CSI section 02119-0011 for hauling.		
02613-0030 Roadway Grooving (02613-0029)		
02613-0031 SY Pavement Grooving, Concrete, Longitudinal	0.90	
02613-0032 SY Pavement Grooving, Concrete, Transverse.....	0.67	
02613-0033 Rumble Strips (02613-0029)		
02613-0034 LF Safe-Strips Shoulder Rumble Strips, Asphalt	0.27	
02613-0035 LF Safe-Strips Shoulder Rumble Strips, Concrete.....	0.66	
02613-0036 Boat Ramps Grooving (02613-0029)		
02613-0037 SY Concrete Grooving, Boat Ramps	1.43	
02614 Concrete Paving (02600)		
Note: The following section includes spreading and placing delivered Portland cement concrete mix. See CSI section 02630-0000 for sidewalks, 03311-0000 for other concrete.		
02614-0001 Concrete Paving Assemblies (02614)		
Note: Includes forms, wire mesh (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03302-0001 for color additive.

02614-0002	Material Cost Includes Concrete At Spreader <small>(02614-0001)</small>	
02614-0003	SY 4" Concrete Pavement, 4500 PSI Assembly.....	36.78
	02MOD-0226 For 2500 PSI Concrete, Deduct	-1.85
	02MOD-0227 For 3000 PSI Concrete, Deduct	-1.21
	02MOD-0228 For 3500 PSI Concrete, Deduct	-0.97
	02MOD-0229 For 4000 PSI Concrete, Deduct	-0.42
	02MOD-0230 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	2.09
	02MOD-0231 For < 10' Wide Pass, Add	6.78
	02MOD-0232 For > 24' Wide Pass, Deduct	-7.36
	02MOD-0233 For Air Entrainment, Add	0.81
	02MOD-0234 For Accelerator Admixtures, Add	0.97
	02MOD-0235 For Slipforming, Deduct	-3.68
	02MOD-0236 For Small Quantities Repair Up To 100, Add	15.62
	02MOD-0237 For Small Quantities Repair > 100 To 250, Add	8.62
	02MOD-0238 For Small Quantities Repair > 250 To 500, Add	4.31
	02MOD-0239 For > 1000 To 2000, Deduct	-0.81
	02MOD-0240 For > 2000 To 5000, Deduct	-1.73
	02MOD-0241 For > 5000 To 10000, Deduct	-2.64
	02MOD-0242 For > 10000 To 20000, Deduct	-3.56
	02MOD-0243 For > 20000, Deduct	-4.48
02614-0004	SY 5" Concrete Pavement, 4500 PSI Assembly.....	43.20
	02MOD-0226 For 2500 PSI Concrete, Deduct	-2.33
	02MOD-0227 For 3000 PSI Concrete, Deduct	-1.52
	02MOD-0228 For 3500 PSI Concrete, Deduct	-1.21
	02MOD-0229 For 4000 PSI Concrete, Deduct	-0.53
	02MOD-0230 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	2.63
	02MOD-0231 For < 10' Wide Pass, Add	7.77
	02MOD-0232 For > 24' Wide Pass, Deduct	-8.64
	02MOD-0233 For Air Entrainment, Add	1.01
	02MOD-0234 For Accelerator Admixtures, Add	1.21
	02MOD-0235 For Slipforming, Deduct	-4.32
	02MOD-0236 For Small Quantities Repair Up To 100, Add	17.83
	02MOD-0237 For Small Quantities Repair > 100 To 250, Add	9.93
	02MOD-0238 For Small Quantities Repair > 250 To 500, Add	4.96
	02MOD-0239 For > 1000 To 2000, Deduct	-1.01
	02MOD-0240 For > 2000 To 5000, Deduct	-2.09
	02MOD-0241 For > 5000 To 10000, Deduct	-3.17
	02MOD-0242 For > 10000 To 20000, Deduct	-4.25
	02MOD-0243 For > 20000, Deduct	-5.33
02614-0005	SY 6" Concrete Pavement, 4500 PSI Assembly.....	46.21
	02MOD-0226 For 2500 PSI Concrete, Deduct	-2.45
	02MOD-0227 For 3000 PSI Concrete, Deduct	-1.60
	02MOD-0228 For 3500 PSI Concrete, Deduct	-1.28
	02MOD-0229 For 4000 PSI Concrete, Deduct	-0.55
	02MOD-0230 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	2.77
	02MOD-0231 For < 10' Wide Pass, Add	8.35
	02MOD-0232 For > 24' Wide Pass, Deduct	-9.24
	02MOD-0233 For Air Entrainment, Add	1.07
	02MOD-0234 For Accelerator Admixtures, Add	1.28
	02MOD-0235 For Slipforming, Deduct	-4.62
	02MOD-0236 For Small Quantities Repair Up To 100, Add	19.19
	02MOD-0237 For Small Quantities Repair > 100 To 250, Add	10.66
	02MOD-0238 For Small Quantities Repair > 250 To 500, Add	5.33
	02MOD-0239 For > 1000 To 2000, Deduct	-1.07
	02MOD-0240 For > 2000 To 5000, Deduct	-2.22
	02MOD-0241 For > 5000 To 10000, Deduct	-3.38
	02MOD-0242 For > 10000 To 20000, Deduct	-4.53
	02MOD-0243 For > 20000, Deduct	-5.69
02614-0006	SY 7" Concrete Pavement, 4500 PSI Assembly.....	54.47
	02MOD-0226 For 2500 PSI Concrete, Deduct	-3.09
	02MOD-0227 For 3000 PSI Concrete, Deduct	-2.02
	02MOD-0228 For 3500 PSI Concrete, Deduct	-1.61
	02MOD-0229 For 4000 PSI Concrete, Deduct	-0.70
	02MOD-0230 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	3.50
	02MOD-0231 For < 10' Wide Pass, Add	9.58
	02MOD-0232 For > 24' Wide Pass, Deduct	-10.89
	02MOD-0233 For Air Entrainment, Add	1.35
	02MOD-0234 For Accelerator Admixtures, Add	1.61
	02MOD-0235 For Slipforming, Deduct	-5.45
	02MOD-0236 For Small Quantities Repair Up To 100, Add	21.92
	02MOD-0237 For Small Quantities Repair > 100 To 250, Add	12.30
	02MOD-0238 For Small Quantities Repair > 250 To 500, Add	6.15
	02MOD-0239 For > 1000 To 2000, Deduct	-1.35
	02MOD-0240 For > 2000 To 5000, Deduct	-2.71
	02MOD-0241 For > 5000 To 10000, Deduct	-4.07
	02MOD-0242 For > 10000 To 20000, Deduct	-5.43
	02MOD-0243 For > 20000, Deduct	-6.79

02000 Site Construction**02600 Paving And Surfacing****02614 Concrete Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02614-0007	SY		8" Concrete Pavement, 4500 PSI Assembly.....	62.61	
	02MOD-0226		For 2500 PSI Concrete, Deduct	-3.40	
	02MOD-0227		For 3000 PSI Concrete, Deduct	-2.21	
	02MOD-0228		For 3500 PSI Concrete, Deduct	-1.77	
	02MOD-0229		For 4000 PSI Concrete, Deduct	-0.77	
	02MOD-0230		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	3.84	
	02MOD-0231		For < 10' Wide Pass, Add	11.22	
	02MOD-0232		For > 24' Wide Pass, Deduct	-12.52	
	02MOD-0233		For Air Entrainment, Add	1.48	
	02MOD-0234		For Accelerator Admixtures, Add	1.77	
	02MOD-0235		For Slipforming, Deduct	-6.26	
	02MOD-0236		For Small Quantities Repair Up To 100, Add	25.75	
	02MOD-0237		For Small Quantities Repair > 100 To 250, Add	14.35	
	02MOD-0238		For Small Quantities Repair > 250 To 500, Add	7.18	
	02MOD-0239		For > 1000 To 2000, Deduct	-1.48	
	02MOD-0240		For > 2000 To 5000, Deduct	-3.04	
	02MOD-0241		For > 5000 To 10000, Deduct	-4.61	
	02MOD-0242		For > 10000 To 20000, Deduct	-6.17	
	02MOD-0243		For > 20000, Deduct	-7.74	
02614-0008	SY		9" Concrete Pavement, 4500 PSI Assembly.....	70.64	
	02MOD-0226		For 2500 PSI Concrete, Deduct	-3.92	
	02MOD-0227		For 3000 PSI Concrete, Deduct	-2.56	
	02MOD-0228		For 3500 PSI Concrete, Deduct	-2.05	
	02MOD-0229		For 4000 PSI Concrete, Deduct	-0.89	
	02MOD-0230		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	4.44	
	02MOD-0231		For < 10' Wide Pass, Add	12.54	
	02MOD-0232		For > 24' Wide Pass, Deduct	-14.13	
	02MOD-0233		For Air Entrainment, Add	1.71	
	02MOD-0234		For Accelerator Admixtures, Add	2.05	
	02MOD-0235		For Slipforming, Deduct	-7.06	
	02MOD-0236		For Small Quantities Repair Up To 100, Add	28.74	
	02MOD-0237		For Small Quantities Repair > 100 To 250, Add	16.07	
	02MOD-0238		For Small Quantities Repair > 250 To 500, Add	8.04	
	02MOD-0239		For > 1000 To 2000, Deduct	-1.71	
	02MOD-0240		For > 2000 To 5000, Deduct	-3.47	
	02MOD-0241		For > 5000 To 10000, Deduct	-5.24	
	02MOD-0242		For > 10000 To 20000, Deduct	-7.00	
	02MOD-0243		For > 20000, Deduct	-8.77	
02614-0009	SY		10" Concrete Pavement, 4500 PSI Assembly.....	78.89	
	02MOD-0226		For 2500 PSI Concrete, Deduct	-4.32	
	02MOD-0227		For 3000 PSI Concrete, Deduct	-2.82	
	02MOD-0228		For 3500 PSI Concrete, Deduct	-2.25	
	02MOD-0229		For 4000 PSI Concrete, Deduct	-0.98	
	02MOD-0230		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	4.88	
	02MOD-0231		For < 10' Wide Pass, Add	14.09	
	02MOD-0232		For > 24' Wide Pass, Deduct	-15.78	
	02MOD-0233		For Air Entrainment, Add	1.88	
	02MOD-0234		For Accelerator Admixtures, Add	2.25	
	02MOD-0235		For Slipforming, Deduct	-7.89	
	02MOD-0236		For Small Quantities Repair Up To 100, Add	32.32	
	02MOD-0237		For Small Quantities Repair > 100 To 250, Add	18.04	
	02MOD-0238		For Small Quantities Repair > 250 To 500, Add	9.02	
	02MOD-0239		For > 1000 To 2000, Deduct	-1.88	
	02MOD-0240		For > 2000 To 5000, Deduct	-3.85	
	02MOD-0241		For > 5000 To 10000, Deduct	-5.82	
	02MOD-0242		For > 10000 To 20000, Deduct	-7.79	
	02MOD-0243		For > 20000, Deduct	-9.77	
02614-0010	SY		12" Concrete Pavement, 4500 PSI Assembly.....	94.07	
	02MOD-0226		For 2500 PSI Concrete, Deduct	-5.11	
	02MOD-0227		For 3000 PSI Concrete, Deduct	-3.33	
	02MOD-0228		For 3500 PSI Concrete, Deduct	-2.67	
	02MOD-0229		For 4000 PSI Concrete, Deduct	-1.16	
	02MOD-0230		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.78	
	02MOD-0231		For < 10' Wide Pass, Add	16.85	
	02MOD-0232		For > 24' Wide Pass, Deduct	-18.81	
	02MOD-0233		For Air Entrainment, Add	2.22	
	02MOD-0234		For Accelerator Admixtures, Add	2.67	
	02MOD-0235		For Slipforming, Deduct	-9.41	
	02MOD-0236		For Small Quantities Repair Up To 100, Add	38.66	
	02MOD-0237		For Small Quantities Repair > 100 To 250, Add	21.55	
	02MOD-0238		For Small Quantities Repair > 250 To 500, Add	10.78	
	02MOD-0239		For > 1000 To 2000, Deduct	-2.22	
	02MOD-0240		For > 2000 To 5000, Deduct	-4.57	
	02MOD-0241		For > 5000 To 10000, Deduct	-6.93	
	02MOD-0242		For > 10000 To 20000, Deduct	-9.28	
	02MOD-0243		For > 20000, Deduct	-11.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02614-0011 SY 15" Concrete Pavement, 4500 PSI Assembly.....	120.43	
02MOD-0226 For 2500 PSI Concrete, Deduct	-6.28	
02MOD-0227 For 3000 PSI Concrete, Deduct	-4.09	
02MOD-0228 For 3500 PSI Concrete, Deduct	-3.27	
02MOD-0229 For 4000 PSI Concrete, Deduct	-1.42	
02MOD-0230 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	7.10	
02MOD-0231 For < 10' Wide Pass, Add	21.92	
02MOD-0232 For > 24' Wide Pass, Deduct	-24.09	
02MOD-0233 For Air Entrainment, Add	2.73	
02MOD-0234 For Accelerator Admixtures, Add	3.27	
02MOD-0235 For Slipforming, Deduct	-12.04	
02MOD-0236 For Small Quantities Repair Up To 100, Add	50.43	
02MOD-0237 For Small Quantities Repair > 100 To 250, Add	27.94	
02MOD-0238 For Small Quantities Repair > 250 To 500, Add	13.97	
02MOD-0239 For > 1000 To 2000, Deduct	-2.73	
02MOD-0240 For > 2000 To 5000, Deduct	-5.74	
02MOD-0241 For > 5000 To 10000, Deduct	-8.75	
02MOD-0242 For > 10000 To 20000, Deduct	-11.76	
02MOD-0243 For > 20000, Deduct	-14.77	
02614-0012 Concrete Slabs Assemblies ⁽⁰²⁶¹⁴⁾		
Note: Includes forms, wire mesh (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish. Excludes excavation, base, earthwork, and expansion joints along existing. See CSI section 03302-0001 for color additive alternative.		
02614-0013 SF 4" Thick Slab On Grade, 3000 PSI Assembly.....	5.35	
02MOD-0244 For 2000 PSI Concrete, Deduct	-0.14	
02MOD-0245 For 2500 PSI Concrete, Deduct	-0.07	
02MOD-0246 For 3500 PSI Concrete, Add	0.05	
02MOD-0247 For 4000 PSI Concrete, Add	0.16	
02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
02MOD-0250 For Up To 500, Add	2.19	
02MOD-0251 For > 500 To 1000, Add	1.50	
02MOD-0252 For > 1000 To 2000, Add	0.82	
02MOD-0253 For > 2000 To 5000, Add	0.41	
02MOD-0254 For > 10000 To 20000, Deduct	-0.13	
02MOD-0255 For > 20000 To 35000, Deduct	-0.26	
02MOD-0256 For > 35000 To 50000, Deduct	-0.40	
02MOD-0257 For > 50000 To 70000, Deduct	-0.53	
02MOD-0258 For > 70000, Deduct	-0.66	
02MOD-0259 For Integral Colors, Add	0.08	
Note: Modifier quantity = task quantity x LB/CY color added.		
02614-0014 SF 5" Thick Slab On Grade, 3000 PSI Assembly.....	5.82	
02MOD-0244 For 2000 PSI Concrete, Deduct	-0.16	
02MOD-0245 For 2500 PSI Concrete, Deduct	-0.08	
02MOD-0246 For 3500 PSI Concrete, Add	0.06	
02MOD-0247 For 4000 PSI Concrete, Add	0.18	
02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
02MOD-0250 For Up To 500, Add	2.33	
02MOD-0251 For > 500 To 1000, Add	1.60	
02MOD-0252 For > 1000 To 2000, Add	0.87	
02MOD-0253 For > 2000 To 5000, Add	0.44	
02MOD-0254 For > 10000 To 20000, Deduct	-0.15	
02MOD-0255 For > 20000 To 35000, Deduct	-0.29	
02MOD-0256 For > 35000 To 50000, Deduct	-0.44	
02MOD-0257 For > 50000 To 70000, Deduct	-0.58	
02MOD-0258 For > 70000, Deduct	-0.73	
02MOD-0259 For Integral Colors, Add	0.09	
Note: Modifier quantity = task quantity x LB/CY color added.		
02614-0015 SF 6" Thick Slab On Grade, 3000 PSI Assembly.....	6.50	
02MOD-0244 For 2000 PSI Concrete, Deduct	-0.18	
02MOD-0245 For 2500 PSI Concrete, Deduct	-0.09	
02MOD-0246 For 3500 PSI Concrete, Add	0.06	
02MOD-0247 For 4000 PSI Concrete, Add	0.21	
02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
02MOD-0250 For Up To 500, Add	2.55	
02MOD-0251 For > 500 To 1000, Add	1.76	
02MOD-0252 For > 1000 To 2000, Add	0.96	
02MOD-0253 For > 2000 To 5000, Add	0.48	
02MOD-0254 For > 10000 To 20000, Deduct	-0.17	
02MOD-0255 For > 20000 To 35000, Deduct	-0.33	
02MOD-0256 For > 35000 To 50000, Deduct	-0.49	
02MOD-0257 For > 50000 To 70000, Deduct	-0.66	
02MOD-0258 For > 70000, Deduct	-0.82	
02MOD-0259 For Integral Colors, Add	0.10	
Note: Modifier quantity = task quantity x LB/CY color added.		

02000 Site Construction**02600 Paving And Surfacing****02614 Concrete Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02614-0016	SF 7" Thick Slab On Grade, 3000 PSI Assembly	7.14
	02MOD-0244 For 2000 PSI Concrete, Deduct	-0.21
	02MOD-0245 For 2500 PSI Concrete, Deduct	-0.11
	02MOD-0246 For 3500 PSI Concrete, Add	0.07
	02MOD-0247 For 4000 PSI Concrete, Add	0.25
	02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13
	02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40
	02MOD-0250 For Up To 500, Add	2.73
	02MOD-0251 For > 500 To 1000, Add	1.88
	02MOD-0252 For > 1000 To 2000, Add	1.04
	02MOD-0253 For > 2000 To 5000, Add	0.52
	02MOD-0254 For > 10000 To 20000, Deduct	-0.19
	02MOD-0255 For > 20000 To 35000, Deduct	-0.37
	02MOD-0256 For > 35000 To 50000, Deduct	-0.55
	02MOD-0257 For > 50000 To 70000, Deduct	-0.73
	02MOD-0258 For > 70000, Deduct	-0.91
	02MOD-0259 For Integral Colors, Add	0.12
	Note: Modifier quantity = task quantity x LB/CY color added.	
02614-0017	SF 8" Thick Slab On Grade, 3000 PSI Assembly	7.69
	02MOD-0244 For 2000 PSI Concrete, Deduct	-0.23
	02MOD-0245 For 2500 PSI Concrete, Deduct	-0.12
	02MOD-0246 For 3500 PSI Concrete, Add	0.08
	02MOD-0247 For 4000 PSI Concrete, Add	0.27
	02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13
	02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40
	02MOD-0250 For Up To 500, Add	2.89
	02MOD-0251 For > 500 To 1000, Add	2.00
	02MOD-0252 For > 1000 To 2000, Add	1.11
	02MOD-0253 For > 2000 To 5000, Add	0.55
	02MOD-0254 For > 10000 To 20000, Deduct	-0.22
	02MOD-0255 For > 20000 To 35000, Deduct	-0.41
	02MOD-0256 For > 35000 To 50000, Deduct	-0.60
	02MOD-0257 For > 50000 To 70000, Deduct	-0.79
	02MOD-0258 For > 70000, Deduct	-0.98
	02MOD-0259 For Integral Colors, Add	0.13
	Note: Modifier quantity = task quantity x LB/CY color added.	
02614-0018	SF 10" Thick Slab On Grade, 3000 PSI Assembly	9.08
	02MOD-0244 For 2000 PSI Concrete, Deduct	-0.29
	02MOD-0245 For 2500 PSI Concrete, Deduct	-0.15
	02MOD-0246 For 3500 PSI Concrete, Add	0.10
	02MOD-0247 For 4000 PSI Concrete, Add	0.34
	02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13
	02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40
	02MOD-0250 For Up To 500, Add	3.27
	02MOD-0251 For > 500 To 1000, Add	2.27
	02MOD-0252 For > 1000 To 2000, Add	1.27
	02MOD-0253 For > 2000 To 5000, Add	0.64
	02MOD-0254 For > 10000 To 20000, Deduct	-0.27
	02MOD-0255 For > 20000 To 35000, Deduct	-0.50
	02MOD-0256 For > 35000 To 50000, Deduct	-0.73
	02MOD-0257 For > 50000 To 70000, Deduct	-0.95
	02MOD-0258 For > 70000, Deduct	-1.18
	02MOD-0259 For Integral Colors, Add	0.17
	Note: Modifier quantity = task quantity x LB/CY color added.	
02614-0019	SF 12" Thick Slab On Grade, 3000 PSI Assembly	10.17
	02MOD-0244 For 2000 PSI Concrete, Deduct	-0.34
	02MOD-0245 For 2500 PSI Concrete, Deduct	-0.17
	02MOD-0246 For 3500 PSI Concrete, Add	0.12
	02MOD-0247 For 4000 PSI Concrete, Add	0.40
	02MOD-0248 For Reinforcing Rods Are At 18" On Center, Deduct	-0.13
	02MOD-0249 For Reinforcing Rods Are At 24" On Center, Deduct	-0.40
	02MOD-0250 For Up To 500, Add	3.59
	02MOD-0251 For > 500 To 1000, Add	2.50
	02MOD-0252 For > 1000 To 2000, Add	1.41
	02MOD-0253 For > 2000 To 5000, Add	0.70
	02MOD-0254 For > 10000 To 20000, Deduct	-0.31
	02MOD-0255 For > 20000 To 35000, Deduct	-0.57
	02MOD-0256 For > 35000 To 50000, Deduct	-0.82
	02MOD-0257 For > 50000 To 70000, Deduct	-1.08
	02MOD-0258 For > 70000, Deduct	-1.33
	02MOD-0259 For Integral Colors, Add	0.19
	Note: Modifier quantity = task quantity x LB/CY color added.	
02614-0020	Pervious Concrete Assembly ⁽⁰²⁶¹⁴⁾	
	Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.	
02614-0021	SF 6" Thick Pervious Concrete Paving	10.30
	Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	
	02MOD-0260 For > 5000 To 30000, Deduct	-1.16
	02MOD-0261 For > 30000 To 100000, Deduct	-2.20
	02MOD-0262 For > 100000, Deduct	-2.73

02616 Repair And Resurfacing ⁽⁰²⁶⁰⁰⁾

See CSI section 02612-0000 for large area resurfacing.



Site Construction 02000	02
Paving And Surfacing 02600	
Repair And Resurfacing 02616	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02616-0001 Pavement Repair (02616)		
02616-0002 Temporary Pot Hole Repair (02616-0001)		
Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02616-0003 EA Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,228.52	
02616-0004 TON Temporary Pot Hole Repairs With Cold Mix Modified.....	372.34	
Note: Use for each ton over 3 tons.		
02616-0005 EA Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,171.04	
02616-0006 TON Temporary Pot Hole Repairs With Cold Mix	353.18	
Note: Use for each ton over 3 tons.		
02616-0007 EA Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,142.30	
02616-0008 TON Temporary Pot Hole Repairs With Hot Mix Modified.....	343.60	
Note: Use for each ton over 3 tons.		
02616-0009 EA Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,113.56	
02616-0010 TON Temporary Pot Hole Repairs With Hot Mix	334.02	
Note: Use for each ton over 3 tons.		
02616-0011 Permanent Pot Hole Repair (02616-0001)		
Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02616-0012 EA Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,266.20	
02616-0013 TON Permanent Pot Hole Repairs With Cold Mix	411.85	
Note: Use for each ton over 3 tons.		
02616-0014 EA Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,237.46	
02616-0015 TON Permanent Pot Hole Repairs With Hot Mix Modified	402.27	
Note: Use for each ton over 3 tons.		
02616-0016 EA Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,208.72	
02616-0017 TON Permanent Pot Hole Repairs With Hot Mix	392.69	
Note: Use for each ton over 3 tons.		
02616-0018 Asphalt Placement For Small Repairs (02616-0001)		
Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, and compaction. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02112-0132 for saw cutting, 02612-0000 for areas requiring more than 100 tons.		
02616-0019 EA Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons.....	1,689.72	
02616-0020 TON Asphalt Placement For Small Repair Areas, Cold Mix Modified	239.69	
Note: For each ton over 3 to 100 tons.		
02616-0021 EA Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	1,632.24	
02616-0022 TON Asphalt Placement For Small Repair Areas, Cold Mix.....	220.53	
Note: For each ton over 3 to 100 tons.		
02616-0023 EA Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons.....	1,603.50	
02616-0024 TON Asphalt Placement For Small Repair Areas, Hot Mix Modified	210.95	
Note: For each ton over 3 to 100 tons.		
02616-0025 EA Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons	1,574.76	
02616-0026 TON Asphalt Placement For Small Repair Areas, Hot Mix.....	201.37	
Note: For each ton over 3 to 100 tons.		
02616-0027 Grind Asphalt (02616-0001)		
02616-0028 SY Grinding Asphalt To Level Bump Or Raised Area.....	16.05	
02617 Pavement Sealing (02600)		
02617-0001 Concrete Pavement Joint And Crack Repair (02617)		
Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
02617-0002 LF Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads	6.50	
02617-0003 LF Joint Sealing, Concrete Pavement Preformed Elastomeric	9.64	
02617-0004 Asphalt Seal Coating, For Roads And Parking Lot (02617)		
Note: Includes sweeping and cleaning of area.		
02617-0005 SY Asphalt Seal Coating, 2 Coats Slurry Seal, Roadways Or Large Areas (> 1000 SY)	1.57	
02617-0006 SY Type I Slurry Seal Asphalt Coating.....	1.54	
Note: 1/8" thick.		
02MOD-0631 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.51	
02MOD-0632 For Rubberized Polymer Modified Emulsion (RPME), Add	0.65	
02617-0007 SY Type O Asphalt Seal Coating, No Aggregate.....	0.98	
02617-0008 SY Type II Slurry Seal Asphalt Coating, Up To 500 SY.....	5.47	
Note: 1/4" thick, 14 to 18 Lbs/SY.		
02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.41	
02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.51	
02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.41	

02000 Site Construction**02600 Paving And Surfacing****02617 Pavement Sealing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02617-0009	SY	Type II Slurry Seal Asphalt Coating, >500 To 1000 SY Note: 1/4" thick, 14 to 18 Lbs/SY.	4.42	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.46	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.36	
02617-0010	SY	Type II Slurry Seal Asphalt Coating, >1000 To 5000 SY Note: 1/4" thick, 14 to 18 Lbs/SY.	3.54	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.30	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.39	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.30	
02617-0011	SY	Type II Slurry Seal Asphalt Coating, >5000 To 20000 SY Note: 1/4" thick, 14 to 18 Lbs/SY.	2.87	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.25	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.34	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.25	
02617-0012	SY	Type II Slurry Seal Asphalt Coating, > 20000 SY Note: 1/4" thick, 14 to 18 Lbs/SY.	2.40	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.22	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.29	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.22	
02617-0013	SY	Type III Slurry Seal Asphalt Coating, Up To 500 SY Note: 3/8" thick, 25 to 30 Lbs/SY.	6.29	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.47	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.60	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.47	
02617-0014	SY	Type III Slurry Seal Asphalt Coating, >500 To 1000 SY Note: 3/8" thick, 25 to 30 Lbs/SY.	5.21	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.42	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.54	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.42	
02617-0015	SY	Type III Slurry Seal Asphalt Coating, > 1000 To 5000 SY Note: 3/8" thick, 25 to 30 Lbs/SY.	4.12	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.46	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.35	
02617-0016	SY	Type III Slurry Seal Asphalt Coating, > 5000 To 20000 SY Note: 3/8" thick, 25 to 30 Lbs/SY.	3.35	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.30	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.40	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.30	
02617-0017	SY	Type III Slurry Seal Asphalt Coating, > 20000 SY Note: 3/8" thick, 25 to 30 Lbs/SY.	2.82	
		02MOD-0002 For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.26	
		02MOD-0003 For Rubberized Polymer Modified Emulsion (RPME), Add	0.35	
		02MOD-0004 For Latex Modified Asphalt Emulsion, Add	0.26	
02617-0018	SY	Type I Thermoplastic Coal-Tar Asphalt Seal, Up To 500 SY Note: Includes sweeping and cleaning of area.	5.15	
02617-0019	SY	Type I Thermoplastic Coal-Tar Asphalt Seal, >500 To 1000 SY.....	4.31	
02617-0020	SY	Type I Thermoplastic Coal-Tar Asphalt Seal, > 1000 To 5000 SY.....	3.46	
02617-0021	SY	Type I Thermoplastic Coal-Tar Asphalt Seal, > 5000 To 20000 SY.....	2.84	
02617-0022	SY	Type I Thermoplastic Coal-Tar Asphalt Seal, > 20000 SY.....	2.40	
02617-0023	SY	Type II Thermoplastic Coal-Tar Asphalt Seal, Up To 500 SY.....	5.91	
02617-0024	SY	Type II Thermoplastic Coal-Tar Asphalt Seal, >500 To 1000 SY.....	5.07	
02617-0025	SY	Type II Thermoplastic Coal-Tar Asphalt Seal, > 1000 To 5000 SY.....	4.15	
02617-0026	SY	Type II Thermoplastic Coal-Tar Asphalt Seal, > 5000 To 20000 SY.....	3.46	
02617-0027	SY	Type II Thermoplastic Coal-Tar Asphalt Seal, > 20000 SY.....	2.95	
02617-0028		Asphalt Pavement Crack And Sealing Repair <small>(02617)</small>		
		Note: Includes sweeping and cleaning of area.		
02617-0029	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler..... Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack	1.07	
		02MOD-0613 For 3/4" x 1/2" Fill, Add	0.28	
		02MOD-0614 For 1" x 1/2" Fill, Add	0.52	
		02MOD-0615 For Backer Rod, Add	0.62	
02617-0030	LF	> 200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack	0.87	
		02MOD-0613 For 3/4" x 1/2" Fill, Add	0.23	
		02MOD-0614 For 1" x 1/2" Fill, Add	0.44	
		02MOD-0615 For Backer Rod, Add	0.57	
02617-0031	LF	> 500 To 2000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack	0.69	
		02MOD-0613 For 3/4" x 1/2" Fill, Add	0.19	
		02MOD-0614 For 1" x 1/2" Fill, Add	0.35	
		02MOD-0615 For Backer Rod, Add	0.52	
02617-0032	LF	> 2000 To 5000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack	0.59	
		02MOD-0613 For 3/4" x 1/2" Fill, Add	0.16	
		02MOD-0614 For 1" x 1/2" Fill, Add	0.31	
		02MOD-0615 For Backer Rod, Add	0.49	
02617-0033	LF	> 5000 To 10000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack	0.53	
		02MOD-0613 For 3/4" x 1/2" Fill, Add	0.15	
		02MOD-0614 For 1" x 1/2" Fill, Add	0.28	
		02MOD-0615 For Backer Rod, Add	0.47	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02617-0034	LF	> 10000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.49	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack		
	02MOD-0613	For 3/4" x 1/2" Fill, Add	0.13	
	02MOD-0614	For 1" x 1/2" Fill, Add	0.25	
	02MOD-0615	For Backer Rod, Add	0.45	
02617-0035	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	2.11	
	02MOD-0616	For 3/8" x 1/4" Fill, Add	0.45	
	02MOD-0617	For 1/2" x 1/4" Fill, Add	0.81	
	02MOD-0618	For 1/2" x 1/2" Fill, Add	1.81	
02617-0036	LF	> 200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.70	
	02MOD-0616	For 3/8" x 1/4" Fill, Add	0.37	
	02MOD-0617	For 1/2" x 1/4" Fill, Add	0.67	
	02MOD-0618	For 1/2" x 1/2" Fill, Add	1.51	
02617-0037	LF	>500 To 2000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.30	
	02MOD-0616	For 3/8" x 1/4" Fill, Add	0.29	
	02MOD-0617	For 1/2" x 1/4" Fill, Add	0.52	
	02MOD-0618	For 1/2" x 1/2" Fill, Add	1.20	
02617-0038	LF	>2000 To 5000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.14	
	02MOD-0616	For 3/8" x 1/4" Fill, Add	0.25	
	02MOD-0617	For 1/2" x 1/4" Fill, Add	0.46	
	02MOD-0618	For 1/2" x 1/2" Fill, Add	1.05	
02617-0039	LF	> 5000 To 10000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.03	
	02MOD-0616	For 3/8" x 1/4" Fill, Add	0.22	
	02MOD-0617	For 1/2" x 1/4" Fill, Add	0.41	
	02MOD-0618	For 1/2" x 1/2" Fill, Add	0.93	
02617-0040	LF	> 10000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	0.97	
	02MOD-0616	For 3/8" x 1/4" Fill, Add	0.21	
	02MOD-0617	For 1/2" x 1/4" Fill, Add	0.39	
	02MOD-0618	For 1/2" x 1/2" Fill, Add	0.88	
02617-0041	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.37	
02617-0042	LF	Crack Fill Backer Material, Up To 1" Diameter, As Required.....	1.19	
02617-0043		Water Based Emulsion Sealer (02617)		
		Note: Includes sweeping and cleaning of area.		
02617-0044	SF	Up To 5000 SF Water Based Emulsion Sealer, For Asphalt, Per Coat	0.34	
02617-0045	SF	5001 To 10000 SF Water Based Emulsion Sealer, For Asphalt, Per Coat.....	0.27	
02617-0046	SF	> 10000 SF Water Based Emulsion Sealer, For Asphalt, Per Coat.....	0.22	
02617-0047		Sand Sealer (02617)		
		Note: To be added to Slurry Seal		
02617-0048	SY	Up To 200 SY Sand Seal Spray Applied Asphalt Emulsion	2.27	
02617-0049	SY	>200 To 500 SY Sand Seal Spray Applied Asphalt Emulsion	1.74	
02617-0050	SY	>500 To 1100 SY Sand Seal Spray Applied Asphalt Emulsion	1.54	
02617-0051	SY	>1100 To 4400 SY Sand Seal Spray Applied Asphalt Emulsion	1.19	
02617-0052	SY	>4400 To 7800 SY Sand Seal Spray Applied Asphalt Emulsion	1.09	
02617-0053	SY	>7800 To 16700 SY Sand Seal Spray Applied Asphalt Emulsion	1.01	
02617-0054	SY	> 16700 SY Sand Seal Spray Applied Asphalt Emulsion.....	0.94	
02617-0055		Fog Sealer (02617)		
02617-0056	SY	Up To 200 SY Fog Seal, SS-1H	1.96	
02617-0057	SY	> 200 To 500 SY Fog Seal, SS-1H.....	1.41	
02617-0058	SY	> 500 To 1100 SY Fog Seal, SS-1.....	1.23	
02617-0059	SY	>1100 To 4400 SY Fog Seal, SS-1H.....	0.88	
02617-0060	SY	> 4400 To 7800 SY Fog Seal, SS-1H.....	0.78	
02617-0061	SY	> 7800 To 16700 SY Fog Seal, SS-1H.....	0.70	
02617-0062	SY	> 16700 SY Fog Seal, SS-1H.....	0.62	
02617-0063		Asphalt Emulsion Sealers (02617)		
02617-0064		Fine Screenings Seal Coat (02617-0063)		
		Note: 12 to 20 # Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY		
02617-0065	SY	Up To 200 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.69	
02617-0066	SY	>200 To 500 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.09	
02617-0067	SY	>500 To 1100 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.87	
02617-0068	SY	>1100 To 4400 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.51	
02617-0069	SY	>4400 To 7800 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.40	
02617-0070	SY	>7800 To 16700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.30	
02617-0071	SY	> 16700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.22	
02617-0072		Medium Fine Screenings Seal Coat (02617-0063)		
		Note: 16 to 25 # Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY		
02617-0073	SY	Up To 200 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	3.02	
02617-0074	SY	>200 To 500 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.38	
02617-0075	SY	>500 To 1100 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.15	
02617-0076	SY	>1100 To 4400 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.77	
02617-0077	SY	>4400 To 7800 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.65	
02617-0078	SY	>7800 To 16700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.55	
02617-0079	SY	> 16700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.46	

02000 Site Construction**02600 Paving And Surfacing****02617 Pavement Sealing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**02617-0080****Medium Screenings Seal Coat** (02617-0063)

Note: 20 to 30 # Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY

02617-0081	SY	Up To 200 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	3.13
02617-0082	SY	>200 To 500 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.48
02617-0083	SY	>500 To 1100 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.24
02617-0084	SY	>1100 To 4400 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.86
02617-0085	SY	>4400 To 7800 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.73
02617-0086	SY	>7800 To 16700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.63
02617-0087	SY	> 16700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.54

02617-0088**Coarse Screenings Seal Coat** (02617-0063)

Note: 23 to 30 # Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY

02617-0089	SY	Up To 200 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	3.21
02617-0090	SY	>200 To 500 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.55
02617-0091	SY	>500 To 1100 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.31
02617-0092	SY	>1100 To 4400 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.92
02617-0093	SY	>4400 To 7800 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.80
02617-0094	SY	>7800 To 16700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.69
02617-0095	SY	> 16700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.59

02617-0096**Double Screenings Seal Coat** (02617-0063)

Note: First coat 23 to 30 # Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 # Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY

02617-0097	SY	Up To 200 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	4.92
02617-0098	SY	>200 To 500 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.92
02617-0099	SY	>500 To 1100 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.58
02617-0100	SY	>1100 To 4400 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.00
02617-0101	SY	>4400 To 7800 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.80
02617-0102	SY	>7800 To 16700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.65
02617-0103	SY	> 16700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.50

02617-0104**Seal Coat With Sand And Latex** (02617)

02617-0105	SF	Up To 2500 SF Seal Coat With Sand And Latex Added (One Coat)	0.45
02617-0106	SF	> 2500 To 5000 SF Seal Coat With Sand And Latex Added (One Coat)	0.38
02617-0107	SF	> 5000 To 10000 SF Seal Coat With Sand And Latex Added (One Coat)	0.30
02617-0108	SF	> 10000 To 25000 SF Seal Coat With Sand And Latex Added (One Coat)	0.22
02617-0109	SF	> 25000 To 50000 SF Seal Coat With Sand And Latex Added (One Coat)	0.17
02617-0110	SF	> 50000 To 100000 SF Seal Coat With Sand And Latex Added (One Coat)	0.16
02617-0111	SF	> 100000 To 200000 SF Seal Coat With Sand And Latex Added (One Coat)	0.14
02617-0112	SF	> 200000 To 400000 SF Seal Coat With Sand And Latex Added (One Coat)	0.12
02617-0113	SF	> 400000 SF Seal Coat With Sand And Latex Added (One Coat)	0.11

02617-0114**Asphalt Rubber Aggregate Membrane** (02617)

Note: Includes cleaning and preparing existing surface, spreading asphalt rubber and cover aggregate, rolling and sweeping.

02617-0115	SY	Up To 200 SY 3/8" Asphalt Rubber Aggregate Membrane	5.43
02617-0116	SY	>200 To 500 SY 3/8" Asphalt Rubber Aggregate Membrane	4.36
02617-0117	SY	>500 To 1100 SY 3/8" Asphalt Rubber Aggregate Membrane	3.99
02617-0118	SY	>1100 To 4400 SY 3/8" Asphalt Rubber Aggregate Membrane	3.40
02617-0119	SY	>4400 To 7800 SY 3/8" Asphalt Rubber Aggregate Membrane	3.18
02617-0120	SY	>7800 To 16700 SY 3/8" Asphalt Rubber Aggregate Membrane	3.02
02617-0121	SY	> 16700 SY 3/8" Asphalt Rubber Aggregate Membrane	2.85

02617-0122**Guardtop Seal Coat** (02617)

Note: Includes sweeping and cleaning of area.

02617-0123	SF	Guardtop Seal Coat	0.28
		02MOD-0566 For 3% Polyglass Additive, Add	0.04
		02MOD-0567 For 6% Polyglass Additive, Add	0.09
		02MOD-0568 For Guardtop Black Sand 60 Mesh Additive (@ 3lbs per gallon), Add	0.03
02617-0124	LF	Guardtop Cold Crack Filler	0.88
02617-0125	LF	Guardtop Hot Crack Filler	1.03
02617-0126	SF	Guardtop Oil Sealer For Asphalt	0.34
02617-0127	EA	Delivery Charge For Each Container	396.43

Note: Includes delivery and removal

02618 Pavement Marking (02600)

Note: Includes layout, sweeping and cleaning of area. See CSI section 01550-0000 for temporary markings and removable line mask tape.

02618-0001**Mobilize Pavement Marking Crew And Equipment At New Location** (02618)

02618-0002	EA	Mobilize Pavement Marking Crew And Equipment At New Location	301.41
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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02618-0003	Pavement Striping, Letters, Symbols And Markers For Roads <small>(02618)</small>		
	Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
02618-0004	Thermoplastic Reflective Pavement Marking <small>(02618-0003)</small>		
02618-0005	Thermoplastic Reflective Pavement Marking <small>(02618-0004)</small>		
02618-0006	LF Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping 0.86		
	02MOD-0267 For < 1 Mile, Add 0.17		
	02MOD-0268 For > 5 Miles, Deduct -0.13		
	02MOD-0569 For Broken Line, Deduct -0.50		
02618-0007	LF Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping 1.22		
	02MOD-0267 For < 1 Mile, Add 0.24		
	02MOD-0268 For > 5 Miles, Deduct -0.18		
	02MOD-0569 For Broken Line, Deduct -0.74		
02618-0008	LF Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping 1.62		
	02MOD-0267 For < 1 Mile, Add 0.32		
	02MOD-0268 For > 5 Miles, Deduct -0.24		
	02MOD-0569 For Broken Line, Deduct -0.98		
02618-0009	LF Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping 2.38		
	02MOD-0267 For < 1 Mile, Add 0.48		
	02MOD-0268 For > 5 Miles, Deduct -0.36		
	02MOD-0569 For Broken Line, Deduct -1.48		
02618-0010	SF >12" Wide, Thermoplastic Reflective Pavement Striping 2.64		
02618-0011	LF Double 4" Wide Solid Lines, Thermoplastic Reflective Pavement Striping 1.51		
	02MOD-0267 For < 1 Mile, Add 0.30		
	02MOD-0268 For > 5 Miles, Deduct -0.23		
02618-0012	LF Double 6" Wide Solid Lines, Thermoplastic Reflective Pavement Striping 2.21		
	02MOD-0267 For < 1 Mile, Add 0.44		
	02MOD-0268 For > 5 Miles, Deduct -0.33		
02618-0013	EA 6" High, Letter/Number, Thermoplastic Reflective Pavement Marking 3.27		
	02MOD-0263 For < 10, Add 0.35		
	02MOD-0264 For > 50 To 100, Deduct -0.17		
	02MOD-0265 For > 100 To 200, Deduct -0.23		
	02MOD-0266 For > 200, Deduct -0.46		
02618-0014	EA 12" High, Letter/Number, Thermoplastic Reflective Pavement Marking 6.94		
	02MOD-0263 For < 10, Add 0.52		
	02MOD-0264 For > 50 To 100, Deduct -0.26		
	02MOD-0265 For > 100 To 200, Deduct -0.35		
	02MOD-0266 For > 200, Deduct -0.70		
02618-0015	EA 24" High, Letter/Number, Thermoplastic Reflective Pavement Marking 11.85		
	02MOD-0263 For < 10, Add 0.87		
	02MOD-0264 For > 50 To 100, Deduct -0.43		
	02MOD-0265 For > 100 To 200, Deduct -0.58		
	02MOD-0266 For > 200, Deduct -1.16		
02618-0016	EA 36" High, Letter/Number, Thermoplastic Reflective Pavement Marking 22.28		
	02MOD-0263 For < 10, Add 1.74		
	02MOD-0264 For > 50 To 100, Deduct -0.87		
	02MOD-0265 For > 100 To 200, Deduct -1.16		
	02MOD-0266 For > 200, Deduct -2.32		
02618-0017	EA 48" High, Letter/Number, Thermoplastic Reflective Pavement Marking 26.86		
	02MOD-0263 For < 10, Add 1.95		
	02MOD-0264 For > 50 To 100, Deduct -0.98		
	02MOD-0265 For > 100 To 200, Deduct -1.30		
	02MOD-0266 For > 200, Deduct -2.60		
02618-0018	EA 72" High, Letter/Number, Thermoplastic Reflective Pavement Marking 48.46		
	02MOD-0263 For < 10, Add 3.47		
	02MOD-0264 For > 50 To 100, Deduct -1.74		
	02MOD-0265 For > 100 To 200, Deduct -2.32		
	02MOD-0266 For > 200, Deduct -4.63		
02618-0019	EA 96" High, Letter/Number, Thermoplastic Reflective Pavement Marking 64.39		
	02MOD-0263 For < 10, Add 4.66		
	02MOD-0264 For > 50 To 100, Deduct -2.33		
	02MOD-0265 For > 100 To 200, Deduct -3.11		
	02MOD-0266 For > 200, Deduct -6.22		
02618-0020	EA 120" High, Letter/Number, Thermoplastic Reflective Pavement Marking 112.84		
	02MOD-0263 For < 10, Add 5.78		
	02MOD-0264 For > 50 To 100, Deduct -2.89		
	02MOD-0265 For > 100 To 200, Deduct -3.85		
	02MOD-0266 For > 200, Deduct -7.70		
02618-0021	SF Letter/Number, Thermoplastic Reflective Pavement Marking 5.88		
02618-0022	SY Cross Hatch, Thermoplastic Reflective Pavement Marking 40.67		
02618-0023	EA Handicap Symbol, Thermoplastic Reflective Pavement Marking 152.92		
02618-0024	SY Solid Area, Thermoplastic Reflective Pavement Marking 48.77		
02618-0025	EA Railroad Symbol, Thermoplastic Reflective Pavement Marking 454.66		
02618-0026	EA Bike Lane Symbol, Thermoplastic Reflective Pavement Marking 46.54		
02618-0027	EA Diamond Symbol, Thermoplastic Reflective Pavement Marking 73.13		
02618-0028	SF Symbols, Thermoplastic Reflective Pavement Marking 6.65		
	Note: Handicap, railroad, diamond, arrows, etc.		
02618-0029	EA 10' Arrow, Type I, Thermoplastic Reflective Pavement Marking 93.08		
02618-0030	EA 18' Arrow, Type I, Thermoplastic Reflective Pavement Marking 166.21		
02618-0031	EA 24' Arrow, Type I, Thermoplastic Reflective Pavement Marking 206.11		
02618-0032	EA 24' Arrow With Single (L or R) Turn Arrow, Type II, Thermoplastic Reflective Pavement Marking 299.19		
02618-0033	EA 24' Arrow With Both (L and R) Turn Arrows, Type II, Thermoplastic Reflective Pavement Marking 392.28		
02618-0034	EA 24' Arrow Single (L or R) Turn Arrow, Type III, Thermoplastic Reflective Pavement Marking 279.24		
02618-0035	EA 24' Arrow Both (L and R) Turn Arrows, Type III, Thermoplastic Reflective Pavement Marking 485.36		

02000 Site Construction**02600 Paving And Surfacing****02618 Pavement Marking**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02618-0036	EA	8' Turn Arrow (L or R), Type IV, Thermoplastic Reflective Pavement Marking	99.73	
02618-0037	EA	24' Arrow, Type V, Thermoplastic Reflective Pavement Marking	219.40	
02618-0038	EA	18' Arrow, Type VI, Thermoplastic Reflective Pavement Marking	279.24	
02618-0039	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, Thermoplastic Reflective Pavement Marking	179.52	
02618-0040	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, Thermoplastic Reflective Pavement Marking	239.35	
02618-0041	EA	5' Arrow, Bike Lane, Thermoplastic Reflective Pavement Marking	46.54	
02618-0042		Thermoplastic Reflective Pavement Striping By Hand For Repairs (02618-0004)		
02618-0043	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	1.74	
02618-0044	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.21	
02618-0045	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.75	
02618-0046	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.96	
02618-0047	LF	Single 24" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	7.17	
02618-0048		Preformed, Patterned Thermoplastic Reflective Pavement Marking Tape (02618-0004)		
		Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series)		
02618-0049	LF	Single 4" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	1.82	
		02MOD-0286 For < 1 Mile, Add	0.36	
		02MOD-0287 For > 5 Miles, Deduct	-0.27	
02618-0050	LF	Single 6" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	2.68	
		02MOD-0286 For < 1 Mile, Add	0.54	
		02MOD-0287 For > 5 Miles, Deduct	-0.40	
02618-0051	LF	Single 8" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	3.57	
		02MOD-0286 For < 1 Mile, Add	0.71	
		02MOD-0287 For > 5 Miles, Deduct	-0.54	
02618-0052	LF	Single 12" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	5.29	
		02MOD-0286 For < 1 Mile, Add	1.06	
		02MOD-0287 For > 5 Miles, Deduct	-0.79	
02618-0053	SF	Preformed Solid Area, Patterned Thermoplastic Reflective Pavement Marking Tape	14.28	
		Note: Use task for lines > 12' wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
02618-0054	EA	6" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	21.25	
		02MOD-0282 For < 10, Add	0.63	
		02MOD-0283 For > 50 To 100, Deduct	-0.32	
		02MOD-0284 For > 100 To 200, Deduct	-0.42	
		02MOD-0285 For > 200, Deduct	-0.84	
02618-0055	EA	12" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	37.78	
		02MOD-0282 For < 10, Add	0.80	
		02MOD-0283 For > 50 To 100, Deduct	-0.40	
		02MOD-0284 For > 100 To 200, Deduct	-0.53	
		02MOD-0285 For > 200, Deduct	-1.07	
02618-0056	EA	24" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	64.73	
		02MOD-0282 For < 10, Add	1.58	
		02MOD-0283 For > 50 To 100, Deduct	-0.79	
		02MOD-0284 For > 100 To 200, Deduct	-1.06	
		02MOD-0285 For > 200, Deduct	-2.11	
02618-0057	EA	36" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	92.71	
		02MOD-0282 For < 10, Add	3.17	
		02MOD-0283 For > 50 To 100, Deduct	-1.58	
		02MOD-0284 For > 100 To 200, Deduct	-2.11	
		02MOD-0285 For > 200, Deduct	-4.22	
02618-0058	EA	48" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	108.81	
		02MOD-0282 For < 10, Add	3.55	
		02MOD-0283 For > 50 To 100, Deduct	-1.78	
		02MOD-0284 For > 100 To 200, Deduct	-2.37	
		02MOD-0285 For > 200, Deduct	-4.73	
02618-0059	EA	72" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	137.80	
		02MOD-0282 For < 10, Add	6.32	
		02MOD-0283 For > 50 To 100, Deduct	-3.16	
		02MOD-0284 For > 100 To 200, Deduct	-4.21	
		02MOD-0285 For > 200, Deduct	-8.42	
02618-0060	EA	96" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	175.34	
		02MOD-0282 For < 10, Add	8.48	
		02MOD-0283 For > 50 To 100, Deduct	-4.24	
		02MOD-0284 For > 100 To 200, Deduct	-5.65	
		02MOD-0285 For > 200, Deduct	-11.31	
02618-0061	EA	120" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	219.89	
		02MOD-0282 For < 10, Add	10.51	
		02MOD-0283 For > 50 To 100, Deduct	-5.26	
		02MOD-0284 For > 100 To 200, Deduct	-7.01	
		02MOD-0285 For > 200, Deduct	-14.01	
02618-0062	SF	Preformed Arrow, Patterned Thermoplastic Reflective Pavement Marking Tape	14.69	
02618-0063	SF	Preformed Symbol, Patterned Thermoplastic Reflective Pavement Marking Tape	15.46	
		Note: Handicap, railroad, diamond symbol, etc.		
02618-0064		Preformed, Thermoplastic Reflective Pavement Marking Tape (02618-0004)		
		Note: Heat applied. 125 mil thickness (90 mil for bicycle symbols). (Flint PreMark or HotTape Series)		
02618-0065	EA	Preformed Bike Lane Symbol, Thermoplastic Reflective Pavement Marking Tape	114.15	
		Note: Approximate overall dimensions: 4' width x 8' height.		
02618-0066	EA	Preformed Railroad Crossing Symbol, Thermoplastic Reflective Pavement Marking Tape	291.68	
		Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02618-0067	EA	Preformed Preferential Lane Symbol (Diamond), Thermoplastic Reflective Pavement Marking Tape 65.12 Note: Approximate overall dimensions: 3-1/4' width x 13' height.	65.12	
02618-0068	EA	6' Height, Preformed Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 57.99 Note: Approximate overall dimensions: 2' width x 6' height.	57.99	
02618-0069	EA	9-1/2' Height, Preformed Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 101.20 Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	101.20	
02618-0070	EA	4' Height, Preformed Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 64.95 Note: Approximate overall dimensions: 3' width x 4' height.	64.95	
02618-0071	EA	8' Height, Preformed Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 111.09 Note: Approximate overall dimensions: 6' width x 8' height.	111.09	
02618-0072	EA	Preformed Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape..... 181.03 Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	181.03	
02618-0073	EA	Preformed Dual Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 189.60 Note: Approximate overall dimensions: 13-1/2' width x 12-3/4' height.	189.60	
02618-0074	EA	Preformed Elongated Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 106.23 Note: Approximate overall dimensions: 1-2/3' width x 12' height.	106.23	
02618-0075	EA	Preformed Elongated Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 116.12 Note: Approximate overall dimensions: 3' width x 12' height.	116.12	
02618-0076	EA	Preformed Elongated Dual Turn Lane Arrow, Thermoplastic Reflective Pavement Marking Tape..... 226.33 Note: Approximate overall dimensions: 5-1/2' width x 12' height.	226.33	
02618-0077	EA	Preformed Elongated Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape..... 186.67 Note: Approximate overall dimensions: 3-1/2' width x 20' height.	186.67	
02618-0078	EA	Preformed Elongated Dual Turn And Through Lane Arrow, Thermoplastic Reflective Pavement Marking Tape 195.74 Note: Approximate overall dimensions: 5-1/2' width x 20' height.	195.74	
02618-0079	EA	Preformed Lane-Reduction Arrow, Thermoplastic Reflective Pavement Marking Tape 249.95 Note: Approximate overall dimensions: 5-1/2' width x 18' height.	249.95	
02618-0080		Epoxy Reflective Pavement Marking <small>(02618-0003)</small> Note: 15 mil thickness.		
02618-0081	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping 0.34	0.34	
	02MOD-0269	For 20 Mil Thickness, Add	0.10	
	02MOD-0274	For < 1 Mile, Add	0.07	
	02MOD-0275	For > 5 Miles, Deduct	-0.05	
	02MOD-0569	For Broken Line, Deduct	-0.14	
02618-0082	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping 0.46	0.46	
	02MOD-0269	For 20 Mil Thickness, Add	0.14	
	02MOD-0274	For < 1 Mile, Add	0.09	
	02MOD-0275	For > 5 Miles, Deduct	-0.07	
	02MOD-0569	For Broken Line, Deduct	-0.21	
02618-0083	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping 0.58	0.58	
	02MOD-0269	For 20 Mil Thickness, Add	0.17	
	02MOD-0274	For < 1 Mile, Add	0.12	
	02MOD-0275	For > 5 Miles, Deduct	-0.09	
	02MOD-0569	For Broken Line, Deduct	-0.26	
02618-0084	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping 0.85	0.85	
	02MOD-0269	For 20 Mil Thickness, Add	0.26	
	02MOD-0274	For < 1 Mile, Add	0.17	
	02MOD-0275	For > 5 Miles, Deduct	-0.13	
	02MOD-0569	For Broken Line, Deduct	-0.41	
02618-0085	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping 0.52	0.52	
	02MOD-0269	For 20 Mil Thickness, Add	0.16	
	02MOD-0274	For < 1 Mile, Add	0.10	
	02MOD-0275	For > 5 Miles, Deduct	-0.08	
02618-0086	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping 0.74	0.74	
	02MOD-0269	For 20 Mil Thickness, Add	0.23	
	02MOD-0274	For < 1 Mile, Add	0.15	
	02MOD-0275	For > 5 Miles, Deduct	-0.11	
02618-0087	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking 2.50	2.50	
	02MOD-0269	For 20 Mil Thickness, Add	0.26	
	02MOD-0270	For < 10, Add	0.32	
	02MOD-0271	For > 50 To 100, Deduct	-0.16	
	02MOD-0272	For > 100 To 200, Deduct	-0.21	
	02MOD-0273	For > 200, Deduct	-0.42	
02618-0088	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking 4.61	4.61	
	02MOD-0269	For 20 Mil Thickness, Add	0.66	
	02MOD-0270	For < 10, Add	0.48	
	02MOD-0271	For > 50 To 100, Deduct	-0.24	
	02MOD-0272	For > 100 To 200, Deduct	-0.32	
	02MOD-0273	For > 200, Deduct	-0.63	
02618-0089	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking 7.80	7.80	
	02MOD-0269	For 20 Mil Thickness, Add	1.14	
	02MOD-0270	For < 10, Add	0.79	
	02MOD-0271	For > 50 To 100, Deduct	-0.40	
	02MOD-0272	For > 100 To 200, Deduct	-0.53	
	02MOD-0273	For > 200, Deduct	-1.06	
02618-0090	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking 14.97	14.97	
	02MOD-0269	For 20 Mil Thickness, Add	2.08	
	02MOD-0270	For < 10, Add	1.58	
	02MOD-0271	For > 50 To 100, Deduct	-0.79	
	02MOD-0272	For > 100 To 200, Deduct	-1.06	
	02MOD-0273	For > 200, Deduct	-2.11	

02000 Site Construction**02600 Paving And Surfacing****02618 Pavement Marking**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02618-0091	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	17.58	
	02MOD-0269	For 20 Mil Thickness, Add	2.60	
	02MOD-0270	For < 10, Add	1.77	
	02MOD-0271	For > 50 To 100, Deduct	-0.89	
	02MOD-0272	For > 100 To 200, Deduct	-1.18	
	02MOD-0273	For > 200, Deduct	-2.37	
02618-0092	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	31.56	
	02MOD-0269	For 20 Mil Thickness, Add	4.71	
	02MOD-0270	For < 10, Add	3.16	
	02MOD-0271	For > 50 To 100, Deduct	-1.58	
	02MOD-0272	For > 100 To 200, Deduct	-2.11	
	02MOD-0273	For > 200, Deduct	-4.21	
02618-0093	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	42.10	
	02MOD-0269	For 20 Mil Thickness, Add	6.23	
	02MOD-0270	For < 10, Add	4.24	
	02MOD-0271	For > 50 To 100, Deduct	-2.12	
	02MOD-0272	For > 100 To 200, Deduct	-2.83	
	02MOD-0273	For > 200, Deduct	-5.65	
02618-0094	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	65.89	
	02MOD-0269	For 20 Mil Thickness, Add	12.30	
	02MOD-0270	For < 10, Add	5.25	
	02MOD-0271	For > 50 To 100, Deduct	-2.63	
	02MOD-0272	For > 100 To 200, Deduct	-3.50	
	02MOD-0273	For > 200, Deduct	-7.01	
02618-0095	EA	Arrow, Epoxy Reflective Pavement Marking.....	64.11	
	02MOD-0269	For 20 Mil Thickness, Add	13.57	
02618-0096		Painted Reflective Pavement Marking (02618-0003)		
		Note: 15 mil thickness.		
02618-0097	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping.....	0.20	
	02MOD-0280	For < 1 Mile, Add	0.04	
	02MOD-0281	For > 5 Miles, Deduct	-0.03	
	02MOD-0569	For Broken Line, Deduct	-0.04	
02618-0098	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping.....	0.25	
	02MOD-0280	For < 1 Mile, Add	0.05	
	02MOD-0281	For > 5 Miles, Deduct	-0.04	
	02MOD-0569	For Broken Line, Deduct	-0.05	
02618-0099	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping.....	0.33	
	02MOD-0280	For < 1 Mile, Add	0.07	
	02MOD-0281	For > 5 Miles, Deduct	-0.05	
	02MOD-0569	For Broken Line, Deduct	-0.07	
02618-0100	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping.....	0.44	
	02MOD-0280	For < 1 Mile, Add	0.09	
	02MOD-0281	For > 5 Miles, Deduct	-0.07	
	02MOD-0569	For Broken Line, Deduct	-0.11	
02618-0101	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping.....	0.24	
	02MOD-0280	For < 1 Mile, Add	0.05	
	02MOD-0281	For > 5 Miles, Deduct	-0.04	
02618-0102	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping.....	0.32	
	02MOD-0280	For < 1 Mile, Add	0.06	
	02MOD-0281	For > 5 Miles, Deduct	-0.05	
02618-0103	EA	6" High, Letter/Number, Painted Reflective Pavement Marking.....	2.33	
	02MOD-0276	For < 10, Add	0.32	
	02MOD-0277	For > 50 To 100, Deduct	-0.16	
	02MOD-0278	For > 100 To 200, Deduct	-0.21	
	02MOD-0279	For > 200, Deduct	-0.42	
02618-0104	EA	12" High, Letter/Number, Painted Reflective Pavement Marking.....	4.00	
	02MOD-0276	For < 10, Add	0.48	
	02MOD-0277	For > 50 To 100, Deduct	-0.24	
	02MOD-0278	For > 100 To 200, Deduct	-0.32	
	02MOD-0279	For > 200, Deduct	-0.63	
02618-0105	EA	24" High, Letter/Number, Painted Reflective Pavement Marking.....	6.74	
	02MOD-0276	For < 10, Add	0.79	
	02MOD-0277	For > 50 To 100, Deduct	-0.40	
	02MOD-0278	For > 100 To 200, Deduct	-0.53	
	02MOD-0279	For > 200, Deduct	-1.06	
02618-0106	EA	36" High, Letter/Number, Painted Reflective Pavement Marking.....	13.11	
	02MOD-0276	For < 10, Add	1.58	
	02MOD-0277	For > 50 To 100, Deduct	-0.79	
	02MOD-0278	For > 100 To 200, Deduct	-1.06	
	02MOD-0279	For > 200, Deduct	-2.11	
02618-0107	EA	48" High, Letter/Number, Painted Reflective Pavement Marking.....	15.16	
	02MOD-0276	For < 10, Add	1.77	
	02MOD-0277	For > 50 To 100, Deduct	-0.89	
	02MOD-0278	For > 100 To 200, Deduct	-1.18	
	02MOD-0279	For > 200, Deduct	-2.37	
02618-0108	EA	72" High, Letter/Number, Painted Reflective Pavement Marking.....	27.14	
	02MOD-0276	For < 10, Add	3.16	
	02MOD-0277	For > 50 To 100, Deduct	-1.58	
	02MOD-0278	For > 100 To 200, Deduct	-2.11	
	02MOD-0279	For > 200, Deduct	-4.21	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02618-0109	EA 96" High, Letter/Number, Painted Reflective Pavement Marking.....	36.28	
	02MOD-0276 For < 10, Add	4.24	
	02MOD-0277 For > 50 To 100, Deduct	-2.12	
	02MOD-0278 For > 100 To 200, Deduct	-2.83	
	02MOD-0279 For > 200, Deduct	-5.65	
02618-0110	EA 120" High, Letter/Number, Painted Reflective Pavement Marking.....	52.92	
	02MOD-0276 For < 10, Add	5.25	
	02MOD-0277 For > 50 To 100, Deduct	-2.63	
	02MOD-0278 For > 100 To 200, Deduct	-3.50	
	02MOD-0279 For > 200, Deduct	-7.01	
02618-0111	EA Arrow, Painted Reflective Pavement Marking.....	49.04	
02618-0112	Recessed (Plowable) Pavement Markers (02618-0003)		
02618-0113	EA One-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail.....	60.20	
02618-0114	EA Two-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail.....	60.98	
02618-0115	EA Remove And Replace Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker.....	15.61	
02618-0116	EA Remove And Replace Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker.....	19.68	
02618-0117	Raised Pavement Markers (RPMs) (02618-0003)		
02618-0118	EA One-Way Reflective, Raised Pavement Marker (RPM).....	2.63	
	02MOD-0288 For > 100, Deduct	-0.26	
02618-0119	EA Two-Way Reflective, Raised Pavement Marker (RPM).....	2.63	
	02MOD-0288 For > 100, Deduct	-0.26	
02618-0120	Pavement Striping, Letters And Symbols For Parking Areas (02618)		
02618-0121	Painted Pavement Marking For Parking Areas (02618-0120)		
02618-0122	LF Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.80	
02618-0123	LF Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.84	
02618-0124	LF Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.88	
02618-0125	LF Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.99	
02618-0126	EA 6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	2.26	
	02MOD-0289 For < 10, Add	0.31	
	02MOD-0290 For > 50 To 100, Deduct	-0.15	
	02MOD-0291 For > 100 To 200, Deduct	-0.20	
	02MOD-0292 For > 200, Deduct	-0.41	
02618-0127	EA 12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	3.87	
	02MOD-0289 For < 10, Add	0.46	
	02MOD-0290 For > 50 To 100, Deduct	-0.23	
	02MOD-0291 For > 100 To 200, Deduct	-0.31	
	02MOD-0292 For > 200, Deduct	-0.61	
02618-0128	EA 24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	6.53	
	02MOD-0289 For < 10, Add	0.77	
	02MOD-0290 For > 50 To 100, Deduct	-0.38	
	02MOD-0291 For > 100 To 200, Deduct	-0.51	
	02MOD-0292 For > 200, Deduct	-1.03	
02618-0129	EA 36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	12.20	
	02MOD-0289 For < 10, Add	1.46	
	02MOD-0290 For > 50 To 100, Deduct	-0.73	
	02MOD-0291 For > 100 To 200, Deduct	-0.97	
	02MOD-0292 For > 200, Deduct	-1.95	
02618-0130	EA 42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	16.15	
	02MOD-0289 For < 10, Add	2.00	
	02MOD-0290 For > 50 To 100, Deduct	-1.00	
	02MOD-0291 For > 100 To 200, Deduct	-1.33	
	02MOD-0292 For > 200, Deduct	-2.66	
02618-0131	EA 48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas.....	19.60	
	02MOD-0289 For < 10, Add	2.46	
	02MOD-0290 For > 50 To 100, Deduct	-1.23	
	02MOD-0291 For > 100 To 200, Deduct	-1.64	
	02MOD-0292 For > 200, Deduct	-3.28	
02618-0132	EA 72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas.....	26.34	
	02MOD-0289 For < 10, Add	3.07	
	02MOD-0290 For > 50 To 100, Deduct	-1.54	
	02MOD-0291 For > 100 To 200, Deduct	-2.05	
	02MOD-0292 For > 200, Deduct	-4.10	
02618-0133	EA Painted Pavement Handicap Symbol for Parking Area, Basic Stall.....	61.26	
	Note: 32"x24" stencil. Excludes striping.		
	02MOD-0290 For > 50 To 100, Deduct	-2.30	
	02MOD-0291 For > 100 To 200, Deduct	-3.07	
	02MOD-0292 For > 200, Deduct	-6.15	
02618-0134	EA Painted Pavement Handicap Symbol for Parking Area, Van Stall.....	87.39	
	Note: 44"x38" stencil. Excludes striping.		
02618-0135	Thermoplastic Pavement Marking Tape For Parking Areas (02618-0120)		
	Note: Heat applied. (Flint HotTape Series)		
02618-0136	EA 39" Handicap Symbol For Standard Parking Stalls, Thermoplastic Pavement Marking Tape For Parking Areas.....	40.05	
02618-0137	EA 48" Handicap Symbol For Van Parking Stalls, Thermoplastic Pavement Marking Tape For Parking Areas.....	46.45	

02000 Site Construction**02600 Paving And Surfacing****02618 Pavement Marking**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02618-0138		Painted Curbs <small>(02618)</small>		
02618-0139	LF	Reflective Painted Curb	1.42	
02618-0140	LF	Reflective Painted Curb And Gutter	2.59	
02618-0141	LF	Painted Curb, Any Color	1.15	
02618-0142	LF	Painted Curb And Gutter, Any Color	2.27	
02618-0143		Remove Pavement Markings <small>(02618)</small>		
		Note: Includes vacuuming of removed striped area and containment of debris.		
02618-0144	LF	Remove 4" Wide Painted Or Epoxy Pavement Striping	2.34	
02618-0145	LF	Remove 6" Wide Painted Or Epoxy Pavement Striping	2.88	
02618-0146	LF	Remove 8" Wide Painted Or Epoxy Pavement Striping	3.48	
02618-0147	LF	Remove 12" Wide Painted Or Epoxy Pavement Striping	4.28	
02618-0148	SF	Remove Painted Or Epoxy Pavement Marking Letters Or Symbols	4.28	
02618-0149	LF	Remove 4" Wide Thermoplastic Pavement Striping	3.42	
02618-0150	LF	Remove 6" Wide Thermoplastic Pavement Striping	4.15	
02618-0151	LF	Remove 8" Wide Thermoplastic Pavement Striping	5.04	
02618-0152	LF	Remove 12" Wide Thermoplastic Pavement Striping	6.14	
02618-0153	SF	Remove Thermoplastic Pavement Marking Letters Or Symbols	6.14	
02618-0154		Markings For Outdoor Play Areas, Courts <small>(02618)</small>		
02618-0155	LF	2" Wide Marking For Outdoor Play Areas	0.66	
02618-0156	LF	3" Wide Marking For Outdoor Play Areas	0.74	
02618-0157	LF	4" Wide Marking For Outdoor Play Areas	0.84	
02618-0158	LF	6" Wide Marking For Outdoor Play Areas	0.98	
02618-0159	EA	Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	174.27	
02619		Gravel Surfacing <small>(02600)</small>		
		Note: Includes delivery up to 15 miles from supplier, and dumping. See CSI section 02119-0011 for hauling greater than 15 miles.		
02619-0001		Gravel Surfacing And Spreading <small>(02619)</small>		
		Note: Includes delivered material, placement, rolling and compaction water.		
02619-0002	CY	Gravel Surfacing And Spreading	48.43	
02619-0003		Limestone Screenings <small>(02619)</small>		
		Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance		
02619-0004	CY	Limestone Screenings For Trail	25.57	
02620		Curbs And Gutters <small>(02600)</small>		
02620-0001		Curbs <small>(02620)</small>		
		Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02112-0132 for additional saw cuts within the 100 ft.		
02620-0002		Concrete Curb, Cast In Place <small>(02620-0001)</small>		
		Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
02620-0003	LF	6" X 12" Cast In Place Concrete Curb	12.41	6.44
		02MOD-0293 For Up To 20, Add	7.64	
		02MOD-0294 For > 20 To 50, Add	4.33	
		02MOD-0295 For > 50 To 100, Add	1.65	
		02MOD-0296 For > 500 To 1000, Deduct	-1.65	
		02MOD-0297 For > 1000, Deduct	-2.79	
02620-0004	LF	6" X 12" Cast In Place Concrete Curb - Radius	14.25	7.41
		02MOD-0293 For Up To 20, Add	8.82	
		02MOD-0294 For > 20 To 50, Add	5.00	
		02MOD-0295 For > 50 To 100, Add	1.91	
		02MOD-0296 For > 500 To 1000, Deduct	-1.91	
		02MOD-0297 For > 1000, Deduct	-3.21	
02620-0005	LF	6" X 16" Cast In Place Concrete Curb	15.03	6.44
		02MOD-0293 For Up To 20, Add	9.13	
		02MOD-0294 For > 20 To 50, Add	5.18	
		02MOD-0295 For > 50 To 100, Add	1.98	
		02MOD-0296 For > 500 To 1000, Deduct	-1.98	
		02MOD-0297 For > 1000, Deduct	-3.34	
02620-0006	LF	6" X 16" Cast In Place Concrete Curb - Radius	17.21	9.66
		02MOD-0293 For Up To 20, Add	10.53	
		02MOD-0294 For > 20 To 50, Add	5.98	
		02MOD-0295 For > 50 To 100, Add	2.28	
		02MOD-0296 For > 500 To 1000, Deduct	-2.28	
		02MOD-0297 For > 1000, Deduct	-3.85	
02620-0007	LF	6" X 18" Cast In Place Concrete Curb	16.13	6.44
		02MOD-0293 For Up To 20, Add	9.74	
		02MOD-0294 For > 20 To 50, Add	5.52	
		02MOD-0295 For > 50 To 100, Add	2.11	
		02MOD-0296 For > 500 To 1000, Deduct	-2.11	
		02MOD-0297 For > 1000, Deduct	-3.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02620-0008 LF 6" X 18" Cast In Place Concrete Curb - Radius	18.24	7.41
02MOD-0293 For Up To 20, Add	11.06	
02MOD-0294 For > 20 To 50, Add	6.27	
02MOD-0295 For > 50 To 100, Add	2.39	
02MOD-0296 For > 500 To 1000, Deduct	-2.39	
02MOD-0297 For > 1000, Deduct	-4.05	
02620-0009 LF 6" X 24" Cast In Place Concrete Curb	18.50	7.09
02MOD-0293 For Up To 20, Add	10.86	
02MOD-0294 For > 20 To 50, Add	6.15	
02MOD-0295 For > 50 To 100, Add	2.36	
02MOD-0296 For > 500 To 1000, Deduct	-2.36	
02MOD-0297 For > 1000, Deduct	-4.00	
02620-0010 LF 6" X 24" Cast In Place Concrete Curb - Radius	20.71	8.05
02MOD-0293 For Up To 20, Add	12.20	
02MOD-0294 For > 20 To 50, Add	6.90	
02MOD-0295 For > 50 To 100, Add	2.65	
02MOD-0296 For > 500 To 1000, Deduct	-2.65	
02MOD-0297 For > 1000, Deduct	-4.49	
02620-0011 LF 12" X 24" Cast In Place Concrete Curb	24.18	8.05
02MOD-0293 For Up To 20, Add	12.89	
02MOD-0294 For > 20 To 50, Add	7.25	
02MOD-0295 For > 50 To 100, Add	2.82	
02MOD-0296 For > 500 To 1000, Deduct	-2.82	
02MOD-0297 For > 1000, Deduct	-4.83	
02620-0012 LF 12" X 24" Cast In Place Concrete Curb - Radius	26.91	9.02
02MOD-0293 For Up To 20, Add	14.40	
02MOD-0294 For > 20 To 50, Add	8.10	
02MOD-0295 For > 50 To 100, Add	3.15	
02MOD-0296 For > 500 To 1000, Deduct	-3.15	
02MOD-0297 For > 1000, Deduct	-5.40	
02620-0013 EA Additional Finish For Handicap Drop Section In Curb.....	48.33	
02620-0014 Precast Concrete Curb (02620-0001)		
02620-0015 LF 6" X 18" Precast Concrete Curb	28.91	7.26
02620-0016 LF 6" X 18" Precast Concrete Curb, Radius	34.36	8.34
02620-0017 Curbs, Machine Formed, Slip Form (02620-0001)		
Note: Includes delivered concrete, steel, expansion joints and finish.		
02620-0018 LF 6" x 12" Straight Curb, Machine Formed.....	8.21	
02620-0019 LF 6" x 12" Curved Curb, Machine Formed	11.28	
02620-0020 LF 6" x 18" Straight Curb, Machine Formed.....	10.82	
02620-0021 LF 6" x 18" Curved Curb, Machine Formed	14.47	
02620-0022 Curb And Gutter Combined, Cast In Place (02620)		
Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.		
02620-0023 LF 6" x 12" Concrete Gutter With 6" Curb And Face - Straight.....	17.27	7.92
02MOD-0298 For Up To 20, Add	11.75	
02MOD-0299 For > 20 To 50, Add	6.57	
02MOD-0300 For > 50 To 100, Add	2.59	
02MOD-0301 For > 500 To 1000, Deduct	-2.25	
02MOD-0302 For > 1000, Deduct	-3.81	
02MOD-0303 For Rolled Curb And Gutter	1.20	
02MOD-0304 For Integral Colors, Add	0.08	
Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0024 LF 6" x 12" Concrete Gutter With 6" Curb And Face - Radius	18.85	10.57
02MOD-0298 For Up To 20, Add	12.83	
02MOD-0299 For > 20 To 50, Add	7.18	
02MOD-0300 For > 50 To 100, Add	2.83	
02MOD-0301 For > 500 To 1000, Deduct	-2.46	
02MOD-0302 For > 1000, Deduct	-4.17	
02MOD-0303 For Rolled Curb And Gutter	1.32	
02MOD-0304 For Integral Colors, Add	0.09	
Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0025 LF 6" x 18" Concrete Gutter With 6" Curb And Face - Straight.....	21.96	8.78
02MOD-0298 For Up To 20, Add	14.93	
02MOD-0299 For > 20 To 50, Add	8.34	
02MOD-0300 For > 50 To 100, Add	3.29	
02MOD-0301 For > 500 To 1000, Deduct	-2.85	
02MOD-0302 For > 1000, Deduct	-4.82	
02MOD-0303 For Rolled Curb And Gutter	1.50	
02MOD-0304 For Integral Colors, Add	0.11	
Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0026 LF 6" x 18" Concrete Gutter With 6" Curb And Face - Radius	24.29	9.78
02MOD-0298 For Up To 20, Add	16.52	
02MOD-0299 For > 20 To 50, Add	9.24	
02MOD-0300 For > 50 To 100, Add	3.64	
02MOD-0301 For > 500 To 1000, Deduct	-3.16	
02MOD-0302 For > 1000, Deduct	-5.35	
02MOD-0303 For Rolled Curb And Gutter	1.69	
02MOD-0304 For Integral Colors, Add	0.12	
Note: Modifier quantity = task quantity x LB/CY color added.		

02000 Site Construction**02600 Paving And Surfacing****02620 Curbs And Gutters**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02620-0027	LF		6" x 24" Concrete Gutter With 6" Curb And Face - Straight	26.66	10.57
	02MOD-0298		For Up To 20, Add	18.11	
	02MOD-0299		For > 20 To 50, Add	10.11	
	02MOD-0300		For > 50 To 100, Add	4.00	
	02MOD-0301		For > 500 To 1000, Deduct	-3.45	
	02MOD-0302		For > 1000, Deduct	-5.84	
	02MOD-0303		For Rolled Curb And Gutter	1.81	
	02MOD-0304		For Integral Colors, Add	0.13	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0028	LF		6" x 24" Concrete Gutter With 6" Curb And Face - Radius	29.74	11.89
	02MOD-0298		For Up To 20, Add	20.22	
	02MOD-0299		For > 20 To 50, Add	11.30	
	02MOD-0300		For > 50 To 100, Add	4.46	
	02MOD-0301		For > 500 To 1000, Deduct	-3.87	
	02MOD-0302		For > 1000, Deduct	-6.54	
	02MOD-0303		For Rolled Curb And Gutter	2.05	
	02MOD-0304		For Integral Colors, Add	0.14	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0029	LF		6" x 30" Concrete Gutter With 6" Curb And Face - Straight	31.70	12.55
	02MOD-0298		For Up To 20, Add	21.53	
	02MOD-0299		For > 20 To 50, Add	12.02	
	02MOD-0300		For > 50 To 100, Add	4.76	
	02MOD-0301		For > 500 To 1000, Deduct	-4.10	
	02MOD-0302		For > 1000, Deduct	-6.94	
	02MOD-0303		For Rolled Curb And Gutter	2.15	
	02MOD-0304		For Integral Colors, Add	0.16	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0030	LF		6" x 30" Concrete Gutter With 6" Curb And Face - Radius	34.85	13.88
	02MOD-0298		For Up To 20, Add	23.68	
	02MOD-0299		For > 20 To 50, Add	13.23	
	02MOD-0300		For > 50 To 100, Add	5.23	
	02MOD-0301		For > 500 To 1000, Deduct	-4.52	
	02MOD-0302		For > 1000, Deduct	-7.65	
	02MOD-0303		For Rolled Curb And Gutter	2.38	
	02MOD-0304		For Integral Colors, Add	0.17	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0031	LF		6" x 36" Concrete Gutter With 6" Curb And Face - Straight	36.74	14.54
	02MOD-0298		For Up To 20, Add	24.95	
	02MOD-0299		For > 20 To 50, Add	13.93	
	02MOD-0300		For > 50 To 100, Add	5.51	
	02MOD-0301		For > 500 To 1000, Deduct	-4.74	
	02MOD-0302		For > 1000, Deduct	-8.03	
	02MOD-0303		For Rolled Curb And Gutter	2.49	
	02MOD-0304		For Integral Colors, Add	0.18	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0032	LF		6" x 36" Concrete Gutter With 6" Curb And Face - Radius	39.98	15.86
	02MOD-0298		For Up To 20, Add	27.16	
	02MOD-0299		For > 20 To 50, Add	15.17	
	02MOD-0300		For > 50 To 100, Add	6.00	
	02MOD-0301		For > 500 To 1000, Deduct	-5.17	
	02MOD-0302		For > 1000, Deduct	-8.75	
	02MOD-0303		For Rolled Curb And Gutter	2.72	
	02MOD-0304		For Integral Colors, Add	0.20	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0033	LF		6" x 42" Concrete Gutter With 6" Curb And Face - Straight	41.77	16.52
	02MOD-0298		For Up To 20, Add	28.37	
	02MOD-0299		For > 20 To 50, Add	15.83	
	02MOD-0300		For > 50 To 100, Add	6.27	
	02MOD-0301		For > 500 To 1000, Deduct	-5.39	
	02MOD-0302		For > 1000, Deduct	-9.13	
	02MOD-0303		For Rolled Curb And Gutter	2.82	
	02MOD-0304		For Integral Colors, Add	0.21	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0034	LF		6" x 42" Concrete Gutter With 6" Curb And Face - Radius	46.41	18.50
	02MOD-0298		For Up To 20, Add	31.55	
	02MOD-0299		For > 20 To 50, Add	17.62	
	02MOD-0300		For > 50 To 100, Add	6.96	
	02MOD-0301		For > 500 To 1000, Deduct	-6.02	
	02MOD-0302		For > 1000, Deduct	-10.19	
	02MOD-0303		For Rolled Curb And Gutter	3.18	
	02MOD-0304		For Integral Colors, Add	0.23	
			Note: Modifier quantity = task quantity x LB/CY color added.		
02620-0035			6" Valley Gutter, Cast In Place <small>(02620)</small>		
			Note: Includes concrete, forms, rebar, expansion joints, finish and curing.		
02620-0036	LF		2' Wide Valley Gutter, 6" Thick	18.61	
	02MOD-0305		For Up To 20, Add	9.64	
	02MOD-0306		For > 20 To 50, Add	5.41	
	02MOD-0307		For > 50 To 100, Add	2.11	
	02MOD-0308		For > 500 To 1000, Deduct	-2.11	
	02MOD-0309		For > 1000, Deduct	-3.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02620-0037 LF 2-1/2' Wide Valley Gutter, 6" Thick	22.73	
02MOD-0305 For Up To 20, Add	11.68	
02MOD-0306 For > 20 To 50, Add	6.55	
02MOD-0307 For > 50 To 100, Add	2.56	
02MOD-0308 For > 500 To 1000, Deduct	-2.56	
02MOD-0309 For > 1000, Deduct	-4.41	
02620-0038 LF 3' Wide Valley Gutter, 6" Thick	26.77	
02MOD-0305 For Up To 20, Add	13.66	
02MOD-0306 For > 20 To 50, Add	7.66	
02MOD-0307 For > 50 To 100, Add	3.00	
02MOD-0308 For > 500 To 1000, Deduct	-3.00	
02MOD-0309 For > 1000, Deduct	-5.17	
02620-0039 LF 3-1/2' Wide Valley Gutter, 6" Thick	30.81	
02MOD-0305 For Up To 20, Add	15.65	
02MOD-0306 For > 20 To 50, Add	8.77	
02MOD-0307 For > 50 To 100, Add	3.44	
02MOD-0308 For > 500 To 1000, Deduct	-3.44	
02MOD-0309 For > 1000, Deduct	-5.93	
02620-0040 LF 4' Wide Valley Gutter, 6" Thick	34.86	
02MOD-0305 For Up To 20, Add	17.64	
02MOD-0306 For > 20 To 50, Add	9.89	
02MOD-0307 For > 50 To 100, Add	3.88	
02MOD-0308 For > 500 To 1000, Deduct	-3.88	
02MOD-0309 For > 1000, Deduct	-6.69	
02620-0041 Asphalt Curbs <small>(02620)</small>		
02620-0042 LF 6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	11.77	3.98
02620-0043 LF 8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	12.98	4.42
02620-0044 LF 8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	14.27	4.87
02620-0045 Remove And Reset Stone And Precast Curbing <small>(02620)</small>		
Note: Includes storage and cleaning		
02620-0046 LF Remove And Reset Stone Or Precast Curbing	23.41	
Note: Includes storage and cleaning.		
02620-0047 Sidewalk/Curb Facing <small>(02620)</small>		
Note: Fabrication includes handicap and other curb access cuts.		
02620-0048 LF 3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	13.07	3.89
02MOD-0310 For Curved Section, Add	2.76	
02620-0049 LF 4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	14.35	4.42
02MOD-0310 For Curved Section, Add	3.10	
02620-0050 LF 6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	19.53	4.95
02MOD-0310 For Curved Section, Add	3.82	
02620-0051 LF 8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.08	5.57
02MOD-0310 For Curved Section, Add	4.48	
02620-0052 LF 10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	29.59	6.11
02MOD-0310 For Curved Section, Add	5.24	
02620-0053 LF 12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	38.73	7.79
02MOD-0310 For Curved Section, Add	6.78	
02620-0054 LF 13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	44.45	10.09
02MOD-0310 For Curved Section, Add	8.21	
02620-0055 EA Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	141.02	
02630 Sidewalk <small>(02600)</small>		
02630-0001 Cast In Place Concrete Sidewalk With Wire Mesh <small>(02630)</small>		
Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, control joints, expansion joints, screed, float, broom finish, and curing. Excludes excavation, base, and base compaction. For reinforcing bar, use the modifier "For sidewalk without wire mesh" and add reinforcing bar. See CSI section 02200-0000 for excavation, 02611-0008 for base course, 03210-0011 for additional reinforcing bar, 03311-0079 for pumping with boom truck, 03311-0088 for buggies, 03311-0095 for short loads.		
02630-0002 SF 4" Cast In Place Concrete Sidewalk With Wire Mesh	6.54	
02MOD-0311 For Up To 100, Add	2.82	
02MOD-0312 For > 100 To 500, Add	0.80	
02MOD-0313 For > 1000 To 5000, Deduct	-0.47	
02MOD-0314 For > 5000, Deduct	-1.04	
02MOD-0315 For Sidewalk Without Wire Mesh, Deduct	-0.51	
02630-0003 SF 5" Cast In Place Concrete Sidewalk With Wire Mesh	7.32	
02MOD-0311 For Up To 100, Add	3.15	
02MOD-0312 For > 100 To 500, Add	0.89	
02MOD-0313 For > 1000 To 5000, Deduct	-0.53	
02MOD-0314 For > 5000, Deduct	-1.16	
02MOD-0315 For Sidewalk Without Wire Mesh, Deduct	-0.55	
02630-0004 SF 6" Cast In Place Concrete Sidewalk With Wire Mesh	8.35	
02MOD-0311 For Up To 100, Add	3.52	
02MOD-0312 For > 100 To 500, Add	0.99	
02MOD-0313 For > 1000 To 5000, Deduct	-0.57	
02MOD-0314 For > 5000, Deduct	-1.28	
02MOD-0315 For Sidewalk Without Wire Mesh, Deduct	-0.59	

02000 Site Construction**02600 Paving And Surfacing****02630 Sidewalk**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02630-0005 SF 7" Cast In Place Concrete Sidewalk With Wire Mesh	9.67	
02MOD-0311 For Up To 100, Add	3.99	
02MOD-0312 For > 100 To 500, Add	1.11	
02MOD-0313 For > 1000 To 5000, Deduct	-0.63	
02MOD-0314 For > 5000, Deduct	-1.43	
02MOD-0315 For Sidewalk Without Wire Mesh, Deduct	-0.63	
02630-0006 SF 8" Cast In Place Concrete Sidewalk With Wire Mesh	10.49	
02MOD-0311 For Up To 100, Add	4.31	
02MOD-0312 For > 100 To 500, Add	1.20	
02MOD-0313 For > 1000 To 5000, Deduct	-0.68	
02MOD-0314 For > 5000, Deduct	-1.54	
02MOD-0315 For Sidewalk Without Wire Mesh, Deduct	-0.67	
02630-0007 SF For Exposed Aggregate Finish In Sidewalk	1.58	
02630-0008 SF For Patterned (Tactile) Finish In Sidewalk	3.16	
02630-0009 LF For Hot Asphalt Poured Over Expansion Joint In Sidewalk	2.68	
02630-0010 EA For Handicap Drop Section In Sidewalk	94.50	
Note: Does not include patterned (Tactile) finish.		
02630-0011 Bituminous Sidewalk <small>(02630)</small>		
Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 02200-0000 for excavation, 02611-0008 for base course.		
02630-0012 SY 1" Bituminous Sidewalk	6.98	
02MOD-0316 For Up To 100, Add	2.60	
02MOD-0317 For > 100 To 500, Add	0.69	
02MOD-0318 For > 1000 To 5000, Deduct	-0.34	
02MOD-0319 For > 5000, Deduct	-0.69	
02630-0013 SY 1-1/2" Bituminous Sidewalk	8.78	
02MOD-0316 For Up To 100, Add	3.22	
02MOD-0317 For > 100 To 500, Add	0.85	
02MOD-0318 For > 1000 To 5000, Deduct	-0.41	
02MOD-0319 For > 5000, Deduct	-0.85	
02630-0014 SY 2" Bituminous Sidewalk	12.22	
02MOD-0316 For Up To 100, Add	4.32	
02MOD-0317 For > 100 To 500, Add	1.12	
02MOD-0318 For > 1000 To 5000, Deduct	-0.51	
02MOD-0319 For > 5000, Deduct	-1.12	
02630-0015 SY 2-1/2" Bituminous Sidewalk	15.28	
02MOD-0316 For Up To 100, Add	5.39	
02MOD-0317 For > 100 To 500, Add	1.39	
02MOD-0318 For > 1000 To 5000, Deduct	-0.63	
02MOD-0319 For > 5000, Deduct	-1.39	
02630-0016 SY 3" Bituminous Sidewalk	17.60	
02MOD-0316 For Up To 100, Add	6.10	
02MOD-0317 For > 100 To 500, Add	1.56	
02MOD-0318 For > 1000 To 5000, Deduct	-0.68	
02MOD-0319 For > 5000, Deduct	-1.56	
02630-0017 SY 3-1/2" Bituminous Sidewalk	20.35	
02MOD-0316 For Up To 100, Add	6.96	
02MOD-0317 For > 100 To 500, Add	1.77	
02MOD-0318 For > 1000 To 5000, Deduct	-0.75	
02MOD-0319 For > 5000, Deduct	-1.77	
02630-0018 Brick, Precast Concrete Paver And Stone Sidewalk <small>(02630)</small>		
02630-0019 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk <small>(02630-0018)</small>		
Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02630-0020 SF 1" To 2" Sand Bedding, Screeded	0.72	
02MOD-0331 For Up To 100, Add	0.31	
02MOD-0332 For > 100 To 500, Add	0.09	
02MOD-0333 For > 1000 To 5000, Deduct	-0.05	
02MOD-0334 For > 5000, Deduct	-0.08	
02630-0021 SF 1" To 2" Stone Dust Bedding, Screeded	0.88	
02MOD-0331 For Up To 100, Add	0.35	
02MOD-0332 For > 100 To 500, Add	0.10	
02MOD-0333 For > 1000 To 5000, Deduct	-0.05	
02MOD-0334 For > 5000, Deduct	-0.09	
02630-0022 SF 3" Stone Dust Bedding, Screeded	1.15	
02MOD-0331 For Up To 100, Add	0.44	
02MOD-0332 For > 100 To 500, Add	0.12	
02MOD-0333 For > 1000 To 5000, Deduct	-0.06	
02MOD-0334 For > 5000, Deduct	-0.11	
02630-0023 SF 4" Stone Dust Bedding, Screeded	1.46	
02MOD-0331 For Up To 100, Add	0.55	
02MOD-0332 For > 100 To 500, Add	0.15	
02MOD-0333 For > 1000 To 5000, Deduct	-0.07	
02MOD-0334 For > 5000, Deduct	-0.13	
02630-0024 SF 1" Mortar Bedding	2.10	
02MOD-0331 For Up To 100, Add	0.95	
02MOD-0332 For > 100 To 500, Add	0.27	
02MOD-0333 For > 1000 To 5000, Deduct	-0.17	
02MOD-0334 For > 5000, Deduct	-0.27	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02630-0025	SF 2" Mortar Bedding.....	3.07	
	02MOD-0331 For Up To 100, Add	1.33	
	02MOD-0332 For > 100 To 500, Add	0.38	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.23	
	02MOD-0334 For > 5000, Deduct	-0.36	
02630-0026	SF Thin-Set Latex Portland Cement Mortar	1.08	
	02MOD-0331 For Up To 100, Add	0.50	
	02MOD-0332 For > 100 To 500, Add	0.14	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.09	
	02MOD-0334 For > 5000, Deduct	-0.14	
02630-0027	Brick Paver Sidewalk <small>(02630-0018)</small>		
	Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 02200-0000 for excavation, 02611-0008 for base course, 02630-0019 for bedding.		
02630-0028	SF 4" x 8" x 2-1/4" Brick Paver, Laid Flat	8.26	2.11
	02MOD-0320 For Mortar Joints, Add	0.83	
	02MOD-0321 For 1-3/8" Thick Paver, Deduct	-1.62	
	02MOD-0322 For 2-3/4" Thick Paver (Vehicular), Add	3.65	
	02MOD-0331 For Up To 100, Add	3.12	
	02MOD-0332 For > 100 To 500, Add	0.84	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.42	
	02MOD-0334 For > 5000, Deduct	-0.76	
02630-0029	SF 4" x 8" x 2-1/4" Brick, Laid On Edge	11.97	2.41
	02MOD-0320 For Mortar Joints, Add	1.20	
	02MOD-0321 For 1-3/8" Thick Paver, Deduct	-2.75	
	02MOD-0322 For 2-3/4" Thick Paver (Vehicular), Add	6.35	
	02MOD-0331 For Up To 100, Add	4.20	
	02MOD-0332 For > 100 To 500, Add	1.08	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.48	
	02MOD-0334 For > 5000, Deduct	-0.94	
02630-0030	Precast Concrete Paver Sidewalk <small>(02630-0018)</small>		
	Note: Square, rectangular, or interlocking pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 02200-0000 for excavation, 02611-0008 for base course, 02630-0019 for bedding.		
02630-0031	SF 2-3/8" Thick, Up to 32 SI Precast Concrete Paver	7.51	2.11
	Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
	02MOD-0323 For 2-3/4" Concrete Paver, Add	0.70	
	02MOD-0324 For 3-1/8" Concrete Paver, Add	1.14	
	02MOD-0331 For Up To 100, Add	2.94	
	02MOD-0332 For > 100 To 500, Add	0.80	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.42	
	02MOD-0334 For > 5000, Deduct	-0.73	
02630-0032	SF 2-3/8" Thick, > 32 to 64 SI Precast Concrete Paver	7.13	1.93
	Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
	02MOD-0323 For 2-3/4" Concrete Paver, Add	0.68	
	02MOD-0324 For 3-1/8" Concrete Paver, Add	1.11	
	02MOD-0331 For Up To 100, Add	2.75	
	02MOD-0332 For > 100 To 500, Add	0.74	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.39	
	02MOD-0334 For > 5000, Deduct	-0.68	
02630-0033	SF 2-3/8" Thick, > 64 to 144 SI Precast Concrete Paver	6.78	1.53
	Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
	02MOD-0323 For 2-3/4" Concrete Paver, Add	0.67	
	02MOD-0324 For 3-1/8" Concrete Paver, Add	1.08	
	02MOD-0331 For Up To 100, Add	2.57	
	02MOD-0332 For > 100 To 500, Add	0.69	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.35	
	02MOD-0334 For > 5000, Deduct	-0.62	
02630-0034	SF 2-3/8" Thick, > 144 SI Precast Concrete Paver	6.46	1.59
	Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
	02MOD-0323 For 2-3/4" Concrete Paver, Add	0.65	
	02MOD-0324 For 3-1/8" Concrete Paver, Add	1.06	
	02MOD-0331 For Up To 100, Add	2.41	
	02MOD-0332 For > 100 To 500, Add	0.64	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.32	
	02MOD-0334 For > 5000, Deduct	-0.58	
02630-0035	SF 2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	6.95	1.83
	Note: Patterns made by combining pavers from two or more size groups.		
	02MOD-0323 For 2-3/4" Concrete Paver, Add	0.68	
	02MOD-0324 For 3-1/8" Concrete Paver, Add	1.10	
	02MOD-0331 For Up To 100, Add	2.66	
	02MOD-0332 For > 100 To 500, Add	0.71	
	02MOD-0333 For > 1000 To 5000, Deduct	-0.37	
	02MOD-0334 For > 5000, Deduct	-0.65	
02630-0036	Slate Paver Sidewalk <small>(02630-0018)</small>		
	Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 02200-0000 for excavation, 02611-0008 for base course, 02630-0019 for bedding.		

02000 Site Construction**02600 Paving And Surfacing****02630 Sidewalk**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02630-0037	SF		1" Thick, Up to 54 SI Slate Paver..... Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.	14.48	1.75
	02MOD-0325		For Mortar Joints, Add	0.90	
	02MOD-0326		For 1/4" Thick Paver, Deduct	-7.90	
	02MOD-0327		For 1/2" Thick Paver, Deduct	-5.58	
	02MOD-0331		For Up To 100, Add	4.50	
	02MOD-0332		For > 100 To 500, Add	1.07	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.35	
	02MOD-0334		For > 5000, Deduct	-0.85	
02630-0038	SF		1" Thick, > 54 to 108 SI Slate Paver..... Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.	14.16	1.59
	02MOD-0325		For Mortar Joints, Add	0.87	
	02MOD-0326		For 1/4" Thick Paver, Deduct	-7.82	
	02MOD-0327		For 1/2" Thick Paver, Deduct	-5.53	
	02MOD-0331		For Up To 100, Add	4.34	
	02MOD-0332		For > 100 To 500, Add	1.03	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.32	
	02MOD-0334		For > 5000, Deduct	-0.81	
02630-0039	SF		1" Thick, > 108 to 216 SI Slate Paver..... Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.	13.60	1.32
	02MOD-0325		For Mortar Joints, Add	0.81	
	02MOD-0326		For 1/4" Thick Paver, Deduct	-7.68	
	02MOD-0327		For 1/2" Thick Paver, Deduct	-5.44	
	02MOD-0331		For Up To 100, Add	4.06	
	02MOD-0332		For > 100 To 500, Add	0.94	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.26	
	02MOD-0334		For > 5000, Deduct	-0.72	
02630-0040	SF		1" Thick, > 216 SI Slate Paver..... Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	13.37	1.20
	02MOD-0325		For Mortar Joints, Add	0.79	
	02MOD-0326		For 1/4" Thick Paver, Deduct	-7.62	
	02MOD-0327		For 1/2" Thick Paver, Deduct	-5.41	
	02MOD-0331		For Up To 100, Add	3.94	
	02MOD-0332		For > 100 To 500, Add	0.91	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.24	
	02MOD-0334		For > 5000, Deduct	-0.69	
02630-0041	SF		1" Thick, Slate Paver, Combinations And Patterns..... Note: Patterns made by combining pavers from two or more size groups.	13.85	1.44
	02MOD-0325		For Mortar Joints, Add	0.84	
	02MOD-0326		For 1/4" Thick Paver, Deduct	-7.74	
	02MOD-0327		For 1/2" Thick Paver, Deduct	-5.48	
	02MOD-0331		For Up To 100, Add	4.18	
	02MOD-0332		For > 100 To 500, Add	0.98	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.29	
	02MOD-0334		For > 5000, Deduct	-0.76	
02630-0042			Granite Paver Sidewalk <small>(02630-0018)</small> Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 02200-0000 for excavation, 02611-0008 for base course, 02630-0019 for bedding.		
02630-0043	SF		1" Thick, Up to 54 SI Granite Paver..... Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.	16.81	1.75
	02MOD-0325		For Mortar Joints, Add	1.02	
	02MOD-0328		For 2" Granite Paver, Add	0.84	
	02MOD-0329		For 3" Granite Paver, Add	1.68	
	02MOD-0330		For 4" Granite Paver, Add	1.86	
	02MOD-0331		For Up To 100, Add	5.08	
	02MOD-0332		For > 100 To 500, Add	1.19	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.35	
	02MOD-0334		For > 5000, Deduct	-0.92	
02630-0044	SF		1" Thick, > 54 to 108 SI Granite Paver..... Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.	16.49	1.59
	02MOD-0325		For Mortar Joints, Add	0.98	
	02MOD-0328		For 2" Granite Paver, Add	0.82	
	02MOD-0329		For 3" Granite Paver, Add	1.65	
	02MOD-0330		For 4" Granite Paver, Add	1.81	
	02MOD-0331		For Up To 100, Add	4.92	
	02MOD-0332		For > 100 To 500, Add	1.14	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.32	
	02MOD-0334		For > 5000, Deduct	-0.88	
02630-0045	SF		1" Thick, > 108 to 216 SI Granite Paver..... Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.	15.93	1.32
	02MOD-0325		For Mortar Joints, Add	0.93	
	02MOD-0328		For 2" Granite Paver, Add	0.80	
	02MOD-0329		For 3" Granite Paver, Add	1.59	
	02MOD-0330		For 4" Granite Paver, Add	1.72	
	02MOD-0331		For Up To 100, Add	4.64	
	02MOD-0332		For > 100 To 500, Add	1.06	
	02MOD-0333		For > 1000 To 5000, Deduct	-0.26	
	02MOD-0334		For > 5000, Deduct	-0.79	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02630-0046 SF 1" Thick, > 216 SI Granite Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.	15.70	1.20
02MOD-0325 For Mortar Joints, Add	0.90	
02MOD-0328 For 2" Granite Paver, Add	0.79	
02MOD-0329 For 3" Granite Paver, Add	1.57	
02MOD-0330 For 4" Granite Paver, Add	1.69	
02MOD-0331 For Up To 100, Add	4.52	
02MOD-0332 For > 100 To 500, Add	1.02	
02MOD-0333 For > 1000 To 5000, Deduct	-0.24	
02MOD-0334 For > 5000, Deduct	-0.76	
02630-0047 SF 1" Thick, Granite Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	16.18	1.44
02MOD-0325 For Mortar Joints, Add	0.95	
02MOD-0328 For 2" Granite Paver, Add	0.81	
02MOD-0329 For 3" Granite Paver, Add	1.62	
02MOD-0330 For 4" Granite Paver, Add	1.76	
02MOD-0331 For Up To 100, Add	4.76	
02MOD-0332 For > 100 To 500, Add	1.10	
02MOD-0333 For > 1000 To 5000, Deduct	-0.29	
02MOD-0334 For > 5000, Deduct	-0.83	
02630-0048 Paver Restraints (02630-0018) Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.		
02630-0049 LF Up To 2" Height, Vinyl Paver Restraint 02MOD-0581 For > 1,000 To 2,000 LF, Deduct 02MOD-0582 For > 2,000 To 4,000 LF, Deduct 02MOD-0583 For > 4,000 LF, Deduct	2.81	0.81
02630-0050 LF Up To 2" Height, Galvanized Steel Paver Restraint 02MOD-0584 For > 500 To 1,000 LF, Deduct 02MOD-0585 For > 1,000 To 2,000 LF, Deduct 02MOD-0586 For > 2,000 LF, Deduct	3.02	0.81
02630-0051 LF Up To 1" Height, Aluminum Paver Restraint 02MOD-0587 For > 250 To 500 LF, Deduct 02MOD-0588 For > 500 To 1,000 LF, Deduct 02MOD-0589 For > 1,000 To 1,500 LF, Deduct	2.92	0.81
02630-0052 LF >1" To 2" Height, Aluminum Paver Restraint 02MOD-0587 For > 250 To 500 LF, Deduct 02MOD-0588 For > 500 To 1,000 LF, Deduct 02MOD-0589 For > 1,000 To 1,500 LF, Deduct	3.37	0.81
02630-0053 LF >2" To 3" Height, Aluminum Paver Restraint 02MOD-0587 For > 250 To 500 LF, Deduct 02MOD-0588 For > 500 To 1,000 LF, Deduct 02MOD-0589 For > 1,000 To 1,500 LF, Deduct	4.24	0.81
02630-0054 LF >3" To 4" Height, Aluminum Paver Restraint 02MOD-0587 For > 250 To 500 LF, Deduct 02MOD-0588 For > 500 To 1,000 LF, Deduct 02MOD-0589 For > 1,000 To 1,500 LF, Deduct	4.91	0.81
02660 Paving Specialties (02600)		
02660-0001 Modular Rubber Speed Tables (02660) Note: 3" high flat topped speed humps, 18" x 42" modular rubber construction. Trafficlogix		
02660-0002 SF Up To 24' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	33.67	
02660-0003 SF Up To 24' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	29.41	
02660-0004 SF Up To 24' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	27.57	
02660-0005 SF > 24' To 30' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	32.21	
02660-0006 SF > 24' To 30' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	28.29	
02660-0007 SF > 24' To 30' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	26.65	
02660-0008 SF > 30' To 40' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	30.74	
02660-0009 SF > 30' To 40' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	27.40	
02660-0010 SF > 30' To 40' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	25.89	
02660-0011 Asphalt Speed Table (02660) Note: Excludes pavement markings or reflectors		

02000 Site Construction**02600 Paving And Surfacing****02660 Paving Specialties**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02660-0012 LF Up to 36" Wide Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway	26.70	
02660-0013 LF > 36" To 48" Wide Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway	31.53	
02660-0014 LF Up to 36" Wide Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway	33.57	
02660-0015 LF > 36" To 48" Wide Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway	39.64	
02660-0016 LF Up to 36" Wide Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway	41.00	
02660-0017 LF > 36" To 48" Wide Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway	45.83	

02695 Porous Pavement (02600)**02695-0001 Turf Block** (02695)

Note: grass grid, open-cell unit paver, geoblock

02695-0002 SF 3-1/8" Thick, Precast Concrete Turf Block	6.73	1.83
02MOD-0331 For Up To 100, Add	2.60	
02MOD-0332 For > 100 To 500, Add	0.70	
02MOD-0333 For > 1000 To 5000, Deduct	-0.37	
02MOD-0334 For > 5000, Deduct	-0.64	
02695-0003 SF 4" Thick Recycled PVC Plastic Turf Block	9.75	1.83
02MOD-0331 For Up To 100, Add	3.36	
02MOD-0332 For > 100 To 500, Add	0.85	
02MOD-0333 For > 1000 To 5000, Deduct	-0.37	
02MOD-0334 For > 5000, Deduct	-0.73	

02695-0004 Flexible Recycled Plastic Porous Grid (02695)

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

02695-0005 SF 1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	2.19	1.83
Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2		
02MOD-0331 For Up To 100, Add	0.77	
02MOD-0332 For > 100 To 500, Add	0.20	
02MOD-0333 For > 1000 To 5000, Deduct	-0.09	
02MOD-0334 For > 5000, Deduct	-0.17	

02700 Site Improvements (02000)**02710 Ornamental Fences And Gates** (02700)

See CSI section 02711-0058 for drilling and grouting.

02710-0001 Wrought Iron Fence (02710)

Note: Factory primed.

02710-0002 Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center (02710-0001)

Note: Factory primed.

02710-0003 LF 3' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center	54.83	8.02
02MOD-0335 For Verticals Up To 2" On Center, Add	7.76	
02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add	3.88	
02MOD-0337 For Verticals > 3" To 4" On Center, Deduct	-3.88	
02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	-7.76	
02710-0004 LF 4' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center	71.12	10.21
02MOD-0335 For Verticals Up To 2" On Center, Add	10.28	
02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add	5.14	
02MOD-0337 For Verticals > 3" To 4" On Center, Deduct	-5.14	
02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	-10.28	
02710-0005 LF 5' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center	86.28	10.65
02MOD-0335 For Verticals Up To 2" On Center, Add	12.97	
02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add	6.48	
02MOD-0337 For Verticals > 3" To 4" On Center, Deduct	-6.48	
02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	-12.97	
02710-0006 LF 6' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center	104.65	12.84
02MOD-0335 For Verticals Up To 2" On Center, Add	15.78	
02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add	7.89	
02MOD-0337 For Verticals > 3" To 4" On Center, Deduct	-7.89	
02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	-15.78	
02710-0007 LF 7' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center	125.27	13.59
02MOD-0335 For Verticals Up To 2" On Center, Add	19.62	
02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add	9.81	
02MOD-0337 For Verticals > 3" To 4" On Center, Deduct	-9.81	
02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	-19.62	
02710-0008 LF 8' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center	145.86	14.29
02MOD-0335 For Verticals Up To 2" On Center, Add	23.45	
02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add	11.73	
02MOD-0337 For Verticals > 3" To 4" On Center, Deduct	-11.73	
02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	-23.45	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02710-0009	LF 10' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center 02MOD-0335 For Verticals Up To 2" On Center, Add 02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add 02MOD-0337 For Verticals > 3" To 4" On Center, Deduct 02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	179.80 29.54 14.77 -14.77 -29.54	16.05
02710-0010	LF 12' Wrought Iron Fence, Verticals At > 2-1/2" To 3" On Center 02MOD-0335 For Verticals Up To 2" On Center, Add 02MOD-0336 For Verticals > 2" To 2-1/2" On Center, Add 02MOD-0337 For Verticals > 3" To 4" On Center, Deduct 02MOD-0338 For Verticals > 4" To 6" On Center, Deduct	213.82 35.47 17.74 -17.74 -35.47	18.24
02710-0011	Wrought Iron Gates (02710-0001) Note: Factory primed.		
02710-0012	Single Wrought Iron Gates (02710-0011) Note: Factory primed.		
02710-0013	LF 3' Single Wrought Iron Gate, Hardware And Associated Trim	68.23	9.77
02710-0014	LF 4' Single Wrought Iron Gate, Hardware And Associated Trim	89.63	12.11
02710-0015	LF 5' Single Wrought Iron Gate, Hardware And Associated Trim	110.49	14.59
02710-0016	LF 6' Single Wrought Iron Gate, Hardware And Associated Trim	134.69	17.51
02710-0017	LF 8' Single Wrought Iron Gate, Hardware And Associated Trim	187.27	19.41
02710-0018	LF 10' Single Wrought Iron Gate, Hardware And Associated Trim	230.12	21.45
02710-0019	LF 12' Single Wrought Iron Gate, Hardware And Associated Trim	272.09	24.37
02710-0020	Double Wrought Iron Gates (02710-0011) Note: Factory primed.		
02710-0021	LF 3' Double Wrought Iron Gate, Hardware And Associated Trim	84.06	8.76
02710-0022	LF 4' Double Wrought Iron Gate, Hardware And Associated Trim	110.88	10.94
02710-0023	LF 5' Double Wrought Iron Gate, Hardware And Associated Trim	136.20	13.13
02710-0024	LF 6' Double Wrought Iron Gate, Hardware And Associated Trim	165.70	15.76
02710-0025	LF 8' Double Wrought Iron Gate, Hardware And Associated Trim	231.26	17.51
02710-0026	LF 10' Double Wrought Iron Gate, Hardware And Associated Trim	284.57	19.26
02710-0027	LF 12' Double Wrought Iron Gate, Hardware And Associated Trim	336.89	21.88
02710-0028	Repair Or Replace Wrought Iron Fence (02710-0001)		
02710-0029	LF Replace Wrought Iron Picket	16.74	
02710-0030	LF Replace Wrought Iron Post	26.20	
02710-0031	EA Straighten Wrought Iron Post	58.36	
02710-0032	Steel Tube Fence, Powder Coated (02710) Note: Pickets are 3/4" square x 16 gauge.		
02710-0033	Steel Tube Fence, 2 Rail, Vertical Members At 3" Spacing (02710-0032)		
02710-0034	LF 3' Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 2-1/2" Square Posts 02MOD-0339 For Verticals Up To 2" On Center, Add 02MOD-0340 For Verticals > 2" To 2-1/2" On Center, Add 02MOD-0341 For Verticals > 3" To 4" On Center, Deduct 02MOD-0342 For Verticals > 4" To 6" On Center, Deduct 02MOD-0343 For Solid Pickets, Add 02MOD-0344 For Aluminum With Satin Finish, Add 02MOD-0345 For Third Rail, Add 02MOD-0346 For 1" Square x 14 Gauge Pickets, Add 02MOD-0347 For Color, Add 02MOD-0348 For 3" Square Posts, Add	40.52 4.96 2.48 -2.48 -4.96 7.94 5.08 1.86 6.20 1.24 2.48	8.02
02710-0035	LF 4' Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 2-1/2" Square Posts 02MOD-0339 For Verticals Up To 2" On Center, Add 02MOD-0340 For Verticals > 2" To 2-1/2" On Center, Add 02MOD-0341 For Verticals > 3" To 4" On Center, Deduct 02MOD-0342 For Verticals > 4" To 6" On Center, Deduct 02MOD-0343 For Solid Pickets, Add 02MOD-0344 For Aluminum With Satin Finish, Add 02MOD-0345 For Third Rail, Add 02MOD-0346 For 1" Square x 14 Gauge Pickets, Add 02MOD-0347 For Color, Add 02MOD-0348 For 3" Square Posts, Add	46.14 5.51 2.76 -2.76 -5.51 8.99 5.48 2.07 6.89 1.38 2.76	9.49
02710-0036	LF 5' Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 2-1/2" Square Posts 02MOD-0339 For Verticals Up To 2" On Center, Add 02MOD-0340 For Verticals > 2" To 2-1/2" On Center, Add 02MOD-0341 For Verticals > 3" To 4" On Center, Deduct 02MOD-0342 For Verticals > 4" To 6" On Center, Deduct 02MOD-0343 For Solid Pickets, Add 02MOD-0344 For Aluminum With Satin Finish, Add 02MOD-0345 For Third Rail, Add 02MOD-0346 For 1" Square x 14 Gauge Pickets, Add 02MOD-0347 For Color, Add 02MOD-0348 For 3" Square Posts, Add	49.69 5.65 2.82 -2.82 -5.65 9.57 5.25 2.12 7.06 1.41 2.82	10.65

02000 Site Construction**02700 Site Improvements****02710 Ornamental Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02710-0037	LF	6'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 2-1/2" Square Posts.....	57.36	12.03
	02MOD-0339		For Verticals Up To 2" On Center, Add	6.66	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	3.33	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-3.33	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-6.66	
	02MOD-0343		For Solid Pickets, Add	11.10	
	02MOD-0344		For Aluminum With Satin Finish, Add	6.38	
	02MOD-0345		For Third Rail, Add	2.50	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	8.32	
	02MOD-0347		For Color, Add	1.66	
	02MOD-0348		For 3" Square Posts, Add	3.33	
02710-0038	LF	7'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 3" Square Posts.....	65.27	13.13
	02MOD-0339		For Verticals Up To 2" On Center, Add	7.80	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	3.90	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-3.90	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-7.80	
	02MOD-0343		For Solid Pickets, Add	12.72	
	02MOD-0344		For Aluminum With Satin Finish, Add	7.76	
	02MOD-0345		For Third Rail, Add	2.93	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	9.75	
	02MOD-0347		For Color, Add	1.95	
	02MOD-0349		For 4" Square Posts, Add	13.65	
02710-0039	LF	8'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 3" Square Posts.....	73.31	14.29
	02MOD-0339		For Verticals Up To 2" On Center, Add	8.94	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	4.47	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-4.47	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-8.94	
	02MOD-0343		For Solid Pickets, Add	14.35	
	02MOD-0344		For Aluminum With Satin Finish, Add	9.12	
	02MOD-0345		For Third Rail, Add	3.35	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	11.18	
	02MOD-0347		For Color, Add	2.24	
	02MOD-0349		For 4" Square Posts, Add	15.65	
02710-0040	LF	9'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 3" Square Posts.....	84.40	15.32
	02MOD-0339		For Verticals Up To 2" On Center, Add	10.75	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	5.38	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-5.38	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-10.75	
	02MOD-0343		For Solid Pickets, Add	16.69	
	02MOD-0344		For Aluminum With Satin Finish, Add	11.53	
	02MOD-0345		For Third Rail, Add	4.03	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	13.44	
	02MOD-0347		For Color, Add	2.69	
	02MOD-0349		For 4" Square Posts, Add	18.82	
02710-0041	LF	10'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 4" Square Posts.....	95.63	16.42
	02MOD-0339		For Verticals Up To 2" On Center, Add	12.56	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	6.28	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-6.28	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-12.56	
	02MOD-0343		For Solid Pickets, Add	19.06	
	02MOD-0344		For Aluminum With Satin Finish, Add	13.92	
	02MOD-0345		For Third Rail, Add	4.71	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	15.70	
	02MOD-0347		For Color, Add	3.14	
	02MOD-0350		For 6" Square Posts, Add	21.98	
02710-0042	LF	12'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 4" Square Posts.....	111.95	18.24
	02MOD-0339		For Verticals Up To 2" On Center, Add	15.10	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	7.55	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-7.55	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-15.10	
	02MOD-0343		For Solid Pickets, Add	22.45	
	02MOD-0344		For Aluminum With Satin Finish, Add	17.17	
	02MOD-0345		For Third Rail, Add	5.66	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	18.87	
	02MOD-0347		For Color, Add	3.77	
	02MOD-0350		For 6" Square Posts, Add	26.42	
02710-0043	LF	14'	Steel Tube Fence, Verticals At > 2-1/2" To 3" On Center With 4" Square Posts.....	120.02	19.70
	02MOD-0339		For Verticals Up To 2" On Center, Add	16.13	
	02MOD-0340		For Verticals > 2" To 2-1/2" On Center, Add	8.06	
	02MOD-0341		For Verticals > 3" To 4" On Center, Deduct	-8.06	
	02MOD-0342		For Verticals > 4" To 6" On Center, Deduct	-16.13	
	02MOD-0343		For Solid Pickets, Add	24.05	
	02MOD-0344		For Aluminum With Satin Finish, Add	18.28	
	02MOD-0345		For Third Rail, Add	6.05	
	02MOD-0346		For 1" Square x 14 Gauge Pickets, Add	20.16	
	02MOD-0347		For Color, Add	4.03	
	02MOD-0350		For 6" Square Posts, Add	28.22	

02710-0044 Steel Tube Gates (02710-0032)

02710-0045 4' Fence Height Steel Tube Gates, 2 Rail (02710-0044)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02710-0046 EA 4' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	621.91	18.24
02MOD-0343 For Solid Pickets, Add	135.83	
02MOD-0344 For Aluminum With Satin Finish, Add	161.95	
02MOD-0345 For Third Rail, Add	42.54	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	56.72	
02MOD-0352 For Color, Add	28.36	
02710-0047 EA 5' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	693.61	19.41
02MOD-0343 For Solid Pickets, Add	151.69	
02MOD-0344 For Aluminum With Satin Finish, Add	181.82	
02MOD-0345 For Third Rail, Add	47.64	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	63.53	
02MOD-0352 For Color, Add	31.76	
02710-0048 EA 6' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	750.66	23.35
02MOD-0343 For Solid Pickets, Add	163.65	
02MOD-0344 For Aluminum With Satin Finish, Add	193.68	
02MOD-0345 For Third Rail, Add	51.05	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	68.06	
02MOD-0352 For Color, Add	34.03	
02710-0049 EA 7' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	921.15	27.21
02MOD-0343 For Solid Pickets, Add	201.13	
02MOD-0344 For Aluminum With Satin Finish, Add	239.58	
02MOD-0345 For Third Rail, Add	62.96	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	83.94	
02MOD-0352 For Color, Add	41.97	
02710-0050 EA 8' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	1,034.59	27.21
02MOD-0343 For Solid Pickets, Add	226.65	
02MOD-0344 For Aluminum With Satin Finish, Add	273.61	
02MOD-0345 For Third Rail, Add	71.47	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	95.29	
02MOD-0352 For Color, Add	47.64	
02710-0051 EA 9' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	1,148.67	35.02
02MOD-0343 For Solid Pickets, Add	250.57	
02MOD-0344 For Aluminum With Satin Finish, Add	297.33	
02MOD-0345 For Third Rail, Add	78.27	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	104.36	
02MOD-0352 For Color, Add	52.18	
02710-0052 EA 10' Wide x 4' High Steel Tube Gate, Hardware And Associated Trim.....	1,251.10	38.88
02MOD-0343 For Solid Pickets, Add	272.74	
02MOD-0344 For Aluminum With Satin Finish, Add	322.81	
02MOD-0345 For Third Rail, Add	85.08	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	113.44	
02MOD-0352 For Color, Add	56.72	
02710-0053 5' Fence Height Steel Tube Gates, 2 Rail (02710-0044)		
02710-0054 EA 4' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	670.92	19.41
02MOD-0343 For Solid Pickets, Add	146.58	
02MOD-0344 For Aluminum With Satin Finish, Add	175.01	
02MOD-0345 For Third Rail, Add	45.94	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	61.26	
02MOD-0352 For Color, Add	30.63	
02710-0055 EA 5' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	742.64	20.64
02MOD-0343 For Solid Pickets, Add	162.44	
02MOD-0344 For Aluminum With Satin Finish, Add	194.88	
02MOD-0345 For Third Rail, Add	51.05	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	68.06	
02MOD-0352 For Color, Add	34.03	
02710-0056 EA 6' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	800.42	24.80
02MOD-0343 For Solid Pickets, Add	174.51	
02MOD-0344 For Aluminum With Satin Finish, Add	206.64	
02MOD-0345 For Third Rail, Add	54.45	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	72.60	
02MOD-0352 For Color, Add	36.30	
02710-0057 EA 7' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	971.62	28.89
02MOD-0343 For Solid Pickets, Add	212.10	
02MOD-0344 For Aluminum With Satin Finish, Add	252.42	
02MOD-0345 For Third Rail, Add	66.36	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	88.48	
02MOD-0352 For Color, Add	44.24	
02710-0058 EA 8' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	1,120.89	33.27
02MOD-0343 For Solid Pickets, Add	244.70	
02MOD-0344 For Aluminum With Satin Finish, Add	291.29	
02MOD-0345 For Third Rail, Add	76.57	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	102.09	
02MOD-0352 For Color, Add	51.05	
02710-0059 EA 9' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	1,224.03	37.42
02MOD-0343 For Solid Pickets, Add	266.98	
02MOD-0344 For Aluminum With Satin Finish, Add	316.66	
02MOD-0345 For Third Rail, Add	83.38	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	111.17	
02MOD-0352 For Color, Add	55.58	

02000 Site Construction**02700 Site Improvements****02710 Ornamental Fences And Gates**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02710-0060 EA 10' Wide x 5' High Steel Tube Gate, Hardware And Associated Trim.....	1,349.87	41.50
02MOD-0343 For Solid Pickets, Add	294.36	
02MOD-0344 For Aluminum With Satin Finish, Add	348.82	
02MOD-0345 For Third Rail, Add	91.88	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	122.51	
02MOD-0352 For Color, Add	61.26	
02710-0061 6' Fence Height Steel Tube Gates, 2 Rail (02710-0044)		
02710-0062 EA 4' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	743.15	20.79
02MOD-0343 For Solid Pickets, Add	162.52	
02MOD-0344 For Aluminum With Satin Finish, Add	194.81	
02MOD-0345 For Third Rail, Add	51.05	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	68.06	
02MOD-0352 For Color, Add	34.03	
02710-0063 EA 5' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	815.09	22.11
02MOD-0343 For Solid Pickets, Add	178.42	
02MOD-0344 For Aluminum With Satin Finish, Add	214.65	
02MOD-0345 For Third Rail, Add	56.15	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	74.87	
02MOD-0352 For Color, Add	37.43	
02710-0064 EA 6' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	874.31	26.70
02MOD-0343 For Solid Pickets, Add	190.70	
02MOD-0344 For Aluminum With Satin Finish, Add	226.18	
02MOD-0345 For Third Rail, Add	59.55	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	79.41	
02MOD-0352 For Color, Add	39.70	
02710-0065 EA 7' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	1,046.99	31.37
02MOD-0343 For Solid Pickets, Add	228.51	
02MOD-0344 For Aluminum With Satin Finish, Add	271.75	
02MOD-0345 For Third Rail, Add	71.47	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	95.29	
02MOD-0352 For Color, Add	47.64	
02710-0066 EA 8' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	1,182.62	35.74
02MOD-0343 For Solid Pickets, Add	258.05	
02MOD-0344 For Aluminum With Satin Finish, Add	306.53	
02MOD-0345 For Third Rail, Add	80.65	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	107.54	
02MOD-0352 For Color, Add	53.77	
02710-0067 EA 9' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	1,300.85	40.34
02MOD-0343 For Solid Pickets, Add	283.61	
02MOD-0344 For Aluminum With Satin Finish, Add	335.76	
02MOD-0345 For Third Rail, Add	88.48	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	117.98	
02MOD-0352 For Color, Add	58.99	
02710-0068 EA 10' Wide x 6' High Steel Tube Gate, Hardware And Associated Trim.....	1,428.14	44.93
02MOD-0343 For Solid Pickets, Add	311.21	
02MOD-0344 For Aluminum With Satin Finish, Add	367.71	
02MOD-0345 For Third Rail, Add	96.99	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	129.32	
02MOD-0352 For Color, Add	64.66	
02710-0069 7' Fence Height Steel Tube Gates, 2 Rail (02710-0044)		
02710-0070 EA 4' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	756.44	22.39
02MOD-0343 For Solid Pickets, Add	165.15	
02MOD-0344 For Aluminum With Satin Finish, Add	196.63	
02MOD-0345 For Third Rail, Add	51.68	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	68.91	
02MOD-0352 For Color, Add	34.46	
02710-0071 EA 5' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	840.92	23.56
02MOD-0343 For Solid Pickets, Add	183.90	
02MOD-0344 For Aluminum With Satin Finish, Add	220.43	
02MOD-0345 For Third Rail, Add	57.76	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	77.02	
02MOD-0352 For Color, Add	38.51	
02710-0072 EA 6' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	921.10	28.67
02MOD-0343 For Solid Pickets, Add	200.79	
02MOD-0344 For Aluminum With Satin Finish, Add	237.59	
02MOD-0345 For Third Rail, Add	62.63	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	83.50	
02MOD-0352 For Color, Add	41.75	
02710-0073 EA 7' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	1,134.30	33.56
02MOD-0343 For Solid Pickets, Add	247.67	
02MOD-0344 For Aluminum With Satin Finish, Add	294.99	
02MOD-0345 For Third Rail, Add	77.52	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	103.36	
02MOD-0352 For Color, Add	51.68	
02710-0074 EA 8' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	1,352.31	38.59
02MOD-0343 For Solid Pickets, Add	295.57	
02MOD-0344 For Aluminum With Satin Finish, Add	353.50	
02MOD-0345 For Third Rail, Add	92.72	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	123.63	
02MOD-0352 For Color, Add	61.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02710-0075 EA 9' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	1,387.16	43.48
02MOD-0343 For Solid Pickets, Add	302.32	
02MOD-0344 For Aluminum With Satin Finish, Add	357.39	
02MOD-0345 For Third Rail, Add	94.24	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	125.66	
02MOD-0352 For Color, Add	62.83	
02710-0076 EA 10' Wide x 7' High Steel Tube Gate, Hardware And Associated Trim.....	1,524.09	48.58
02MOD-0343 For Solid Pickets, Add	331.98	
02MOD-0344 For Aluminum With Satin Finish, Add	391.57	
02MOD-0345 For Third Rail, Add	103.36	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	137.82	
02MOD-0352 For Color, Add	68.91	
02710-0077 8' Fence Height Steel Tube Gates, 2 Rail (02710-0044)		
02710-0078 EA 4' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	843.11	24.29
02MOD-0343 For Solid Pickets, Add	184.23	
02MOD-0344 For Aluminum With Satin Finish, Add	220.11	
02MOD-0345 For Third Rail, Add	57.76	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	77.02	
02MOD-0352 For Color, Add	38.51	
02710-0079 EA 5' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	952.85	27.06
02MOD-0343 For Solid Pickets, Add	208.29	
02MOD-0344 For Aluminum With Satin Finish, Add	249.25	
02MOD-0345 For Third Rail, Add	65.36	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	87.15	
02MOD-0352 For Color, Add	43.58	
02710-0080 EA 6' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	983.68	30.64
02MOD-0343 For Solid Pickets, Add	214.43	
02MOD-0344 For Aluminum With Satin Finish, Add	253.74	
02MOD-0345 For Third Rail, Add	66.88	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	89.18	
02MOD-0352 For Color, Add	44.59	
02710-0081 EA 7' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	1,225.60	36.91
02MOD-0343 For Solid Pickets, Add	267.44	
02MOD-0344 For Aluminum With Satin Finish, Add	317.78	
02MOD-0345 For Third Rail, Add	83.60	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	111.47	
02MOD-0352 For Color, Add	55.74	
02710-0082 EA 8' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	1,446.51	42.97
02MOD-0343 For Solid Pickets, Add	315.78	
02MOD-0344 For Aluminum With Satin Finish, Add	375.85	
02MOD-0345 For Third Rail, Add	98.80	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	131.74	
02MOD-0352 For Color, Add	65.87	
02710-0083 EA 9' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	1,506.02	49.32
02MOD-0343 For Solid Pickets, Add	327.75	
02MOD-0344 For Aluminum With Satin Finish, Add	385.16	
02MOD-0345 For Third Rail, Add	101.84	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	135.79	
02MOD-0352 For Color, Add	67.90	
02710-0084 EA 10' Wide x 8' High Steel Tube Gate, Hardware And Associated Trim.....	1,606.04	55.66
02MOD-0343 For Solid Pickets, Add	348.83	
02MOD-0344 For Aluminum With Satin Finish, Add	406.64	
02MOD-0345 For Third Rail, Add	107.92	
02MOD-0351 For 1" Square x 14 Gauge Pickets, Add	143.90	
02MOD-0352 For Color, Add	71.95	
02710-0085 Replace Steel Tube Fence Pickets (02710-0032)		
02710-0086 LF Replace 3/4" Square x 16 Gauge Steel Tube Fence Picket	18.83	
02MOD-0353 For 1" Square x 14 Gauge Pickets, Add	0.42	
02710-0087 Remove And Reinstall Ornamental Fences (02710)		
Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.		
02710-0088 LF Removal And Reinstallation Of Ornamental Fence Up To 5' Height.....	32.82	
02710-0089 LF Removal And Reinstallation Of Ornamental Fence 6' To 12' Height.....	54.72	
02711 Chain Link Fences (02700)		
02711-0001 Post Holes (02711)		
Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02112-0149 for core drilling in concrete, 02112-0206 for core drilling in asphalt.		
02711-0002 Drilling Post Hole In Soil (02711-0001)		
Note: Auger by machine unless otherwise notified by owner.		
02711-0003 VLF Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	7.15	
02711-0004 VLF 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	8.04	
02711-0005 VLF 3" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	9.53	
02711-0006 VLF 4" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	10.73	
02711-0007 VLF 6" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	11.71	
02711-0008 VLF 8" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	12.87	
02711-0009 VLF 10" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	14.30	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.09	
02711-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	18.39	
02711-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	21.45	
02711-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	25.74	
02711-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	32.18	
02711-0015		Drilling Post Hole In Rock (02711-0001)		
02711-0016	CF	Jackhammer Post Hole, Rock.....	52.28	
02711-0017	CF	Rock Drill Post Hole, Rock.....	16.35	
02711-0018		Post Hole Fill (02711-0001)		
		See CSI section 03210-0000 for reinforcing bars.		
02711-0019		Concrete Fill (02711-0018)		
02711-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole.....	4.08	
02711-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	5.25	
02711-0022	VLF	Concrete Fill, 3" Diameter Hole.....	5.75	
02711-0023	VLF	Concrete Fill, 4" Diameter Hole.....	6.56	
02711-0024	VLF	Concrete Fill, 6" Diameter Hole.....	9.23	
02711-0025	VLF	Concrete Fill, 8" Diameter Hole.....	12.31	
02711-0026	VLF	Concrete Fill, 10" Diameter Hole.....	15.05	
02711-0027	VLF	Concrete Fill, 12" Diameter Hole.....	17.52	
02711-0028	VLF	Concrete Fill, 18" Diameter Hole.....	23.72	
02711-0029	VLF	Concrete Fill, 24" Diameter Hole.....	29.27	
02711-0030	VLF	Concrete Fill, 30" Diameter Hole.....	34.67	
02711-0031	VLF	Concrete Fill, 36" Diameter Hole.....	40.27	
02711-0032		Grout Fill (02711-0018)		
02711-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	4.87	
02711-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	6.30	
02711-0035	VLF	Grout Fill, 3" Diameter Hole	6.84	
02711-0036	VLF	Grout Fill, 4" Diameter Hole	7.63	
02711-0037	VLF	Grout Fill, 6" Diameter Hole	10.61	
02711-0038	VLF	Grout Fill, 8" Diameter Hole	14.17	
02711-0039	VLF	Grout Fill, 10" Diameter Hole	17.24	
02711-0040	VLF	Grout Fill, 12" Diameter Hole.....	19.99	
02711-0041	VLF	Grout Fill, 18" Diameter Hole.....	26.56	
02711-0042	VLF	Grout Fill, 24" Diameter Hole	32.28	
02711-0043	VLF	Grout Fill, 30" Diameter Hole	37.80	
02711-0044	VLF	Grout Fill, 36" Diameter Hole.....	43.44	
02711-0045		Earth Fill, Compacted (02711-0018)		
02711-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole.....	3.57	
02711-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	4.67	
02711-0048	VLF	Earth Fill, 3" Diameter Hole.....	4.88	
02711-0049	VLF	Earth Fill, 4" Diameter Hole.....	5.02	
02711-0050	VLF	Earth Fill, 6" Diameter Hole.....	6.70	
02711-0051	VLF	Earth Fill, 8" Diameter Hole.....	8.94	
02711-0052	VLF	Earth Fill, 10" Diameter Hole.....	10.72	
02711-0053	VLF	Earth Fill, 12" Diameter Hole.....	12.16	
02711-0054	VLF	Earth Fill, 18" Diameter Hole.....	14.82	
02711-0055	VLF	Earth Fill, 24" Diameter Hole.....	16.62	
02711-0056	VLF	Earth Fill, 30" Diameter Hole.....	18.23	
02711-0057	VLF	Earth Fill, 36" Diameter Hole.....	19.66	
02711-0058		Fence Posts (02711)		
		Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 02112-0101 for concrete footing removal, 02210-0009 for hand excavation for footing removal (where required), 02711-0001 for drilling for augering holes.		
02711-0059		Fence Posts (02711-0058)		
02711-0060		1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel (02711-0059)		
		Note: Includes cap and accessories.		
02711-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	8.93	1.89
		02MOD-0354 For Each Top Rail Fitting, Add	0.85	
02711-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	8.39	1.61
		02MOD-0354 For Each Top Rail Fitting, Add	0.85	
02711-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	7.73	1.33
		02MOD-0354 For Each Top Rail Fitting, Add	0.85	
02711-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	7.21	1.05
		02MOD-0354 For Each Top Rail Fitting, Add	0.85	
02711-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	6.86	0.91
		02MOD-0354 For Each Top Rail Fitting, Add	0.85	
02711-0066	LF	1-7/8" Galvanized H-beam Post, > 24' In Length	6.31	0.63
		02MOD-0354 For Each Top Rail Fitting, Add	0.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0067	Post Without Top Rail Fitting, Galvanized Steel, (1.66" Nominal) <small>(02711-0059)</small> Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories		
02711-0068	LF 1-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	6.36	1.75
	02MOD-0354 For Each Top Rail Fitting, Add	0.85	
	02MOD-0355 For Each Single Barbed Wire Arm, Add	1.90	
	02MOD-0356 For Each Double Barbed Wire Arm, Add	3.40	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.72	
	02MOD-0374 For Vinyl Coated, Add	1.72	
	02MOD-0375 For Powder Coated, Add	2.29	
	02MOD-0376 For Aluminum Coated, Add	3.58	
	02MOD-0377 For Schedule 20, Deduct	-0.57	
	02MOD-0378 For Schedule 80, Add	1.72	
02711-0069	LF 1-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	5.81	1.46
	02MOD-0354 For Each Top Rail Fitting, Add	0.85	
	02MOD-0355 For Each Single Barbed Wire Arm, Add	1.90	
	02MOD-0356 For Each Double Barbed Wire Arm, Add	3.40	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.72	
	02MOD-0374 For Vinyl Coated, Add	1.72	
	02MOD-0375 For Powder Coated, Add	2.29	
	02MOD-0376 For Aluminum Coated, Add	3.58	
	02MOD-0377 For Schedule 20, Deduct	-0.57	
	02MOD-0378 For Schedule 80, Add	1.67	
02711-0070	LF 1-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	5.21	1.19
	02MOD-0354 For Each Top Rail Fitting, Add	0.85	
	02MOD-0355 For Each Single Barbed Wire Arm, Add	1.90	
	02MOD-0356 For Each Double Barbed Wire Arm, Add	3.40	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.72	
	02MOD-0374 For Vinyl Coated, Add	1.72	
	02MOD-0375 For Powder Coated, Add	2.29	
	02MOD-0376 For Aluminum Coated, Add	3.58	
	02MOD-0377 For Schedule 20, Deduct	-0.57	
	02MOD-0378 For Schedule 80, Add	1.61	
02711-0071	LF 1-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	4.75	0.91
	02MOD-0354 For Each Top Rail Fitting, Add	0.85	
	02MOD-0355 For Each Single Barbed Wire Arm, Add	1.90	
	02MOD-0356 For Each Double Barbed Wire Arm, Add	3.40	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.72	
	02MOD-0374 For Vinyl Coated, Add	1.72	
	02MOD-0375 For Powder Coated, Add	2.29	
	02MOD-0376 For Aluminum Coated, Add	3.58	
	02MOD-0377 For Schedule 20, Deduct	-0.57	
	02MOD-0378 For Schedule 80, Add	1.56	
02711-0072	LF 1-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	4.44	0.77
	02MOD-0354 For Each Top Rail Fitting, Add	0.85	
	02MOD-0355 For Each Single Barbed Wire Arm, Add	1.90	
	02MOD-0356 For Each Double Barbed Wire Arm, Add	3.40	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.72	
	02MOD-0374 For Vinyl Coated, Add	1.72	
	02MOD-0375 For Powder Coated, Add	2.29	
	02MOD-0376 For Aluminum Coated, Add	3.58	
	02MOD-0377 For Schedule 20, Deduct	-0.57	
	02MOD-0378 For Schedule 80, Add	1.53	
02711-0073	LF 1-5/8" Outside Diameter Galvanized Steel Post, > 24' In Length.....	4.09	0.63
	02MOD-0354 For Each Top Rail Fitting, Add	0.85	
	02MOD-0355 For Each Single Barbed Wire Arm, Add	1.90	
	02MOD-0356 For Each Double Barbed Wire Arm, Add	3.40	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.72	
	02MOD-0374 For Vinyl Coated, Add	1.72	
	02MOD-0375 For Powder Coated, Add	2.29	
	02MOD-0376 For Aluminum Coated, Add	3.58	
	02MOD-0377 For Schedule 20, Deduct	-0.57	
	02MOD-0378 For Schedule 80, Add	1.50	
02711-0074	Post Without Top Rail Fitting, Galvanized Steel, (1.90" Nominal) <small>(02711-0059)</small> Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
02711-0075	LF 2" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	7.10	1.82
	02MOD-0358 For Each Top Rail Fitting, Add	1.35	
	02MOD-0359 For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360 For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.87	
	02MOD-0374 For Vinyl Coated, Add	2.09	
	02MOD-0375 For Powder Coated, Add	2.79	
	02MOD-0376 For Aluminum Coated, Add	4.36	
	02MOD-0377 For Schedule 20, Deduct	-0.70	
	02MOD-0378 For Schedule 80, Add	2.04	
02711-0076	LF 2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	6.62	1.54
	02MOD-0358 For Each Top Rail Fitting, Add	1.35	
	02MOD-0359 For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360 For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	0.87	
	02MOD-0374 For Vinyl Coated, Add	2.09	
	02MOD-0375 For Powder Coated, Add	2.79	
	02MOD-0376 For Aluminum Coated, Add	4.36	
	02MOD-0377 For Schedule 20, Deduct	-0.70	
	02MOD-0378 For Schedule 80, Add	1.99	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	5.98	1.26
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.87	
	02MOD-0374	For Vinyl Coated, Add	2.09	
	02MOD-0375	For Powder Coated, Add	2.79	
	02MOD-0376	For Aluminum Coated, Add	4.36	
	02MOD-0377	For Schedule 20, Deduct	-0.70	
	02MOD-0378	For Schedule 80, Add	1.92	
02711-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	5.49	0.98
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.87	
	02MOD-0374	For Vinyl Coated, Add	2.09	
	02MOD-0375	For Powder Coated, Add	2.79	
	02MOD-0376	For Aluminum Coated, Add	4.36	
	02MOD-0377	For Schedule 20, Deduct	-0.70	
	02MOD-0378	For Schedule 80, Add	1.88	
02711-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	5.16	0.83
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.87	
	02MOD-0374	For Vinyl Coated, Add	2.09	
	02MOD-0375	For Powder Coated, Add	2.79	
	02MOD-0376	For Aluminum Coated, Add	4.36	
	02MOD-0377	For Schedule 20, Deduct	-0.70	
	02MOD-0378	For Schedule 80, Add	1.84	
02711-0080	LF	2" Outside Diameter Galvanized Steel Post, > 24' In Length	4.84	0.70
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.87	
	02MOD-0374	For Vinyl Coated, Add	2.09	
	02MOD-0375	For Powder Coated, Add	2.79	
	02MOD-0376	For Aluminum Coated, Add	4.36	
	02MOD-0377	For Schedule 20, Deduct	-0.70	
	02MOD-0378	For Schedule 80, Add	1.81	
02711-0081		Post Without Top Rail Fitting, Galvanized Steel, (2.375" Nominal) (02711-0059)		
		Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
02711-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	8.46	1.95
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.16	
	02MOD-0374	For Vinyl Coated, Add	2.78	
	02MOD-0375	For Powder Coated, Add	3.71	
	02MOD-0376	For Aluminum Coated, Add	5.80	
	02MOD-0377	For Schedule 20, Deduct	-0.93	
	02MOD-0378	For Schedule 80, Add	2.61	
02711-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	7.92	1.68
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.16	
	02MOD-0374	For Vinyl Coated, Add	2.78	
	02MOD-0375	For Powder Coated, Add	3.71	
	02MOD-0376	For Aluminum Coated, Add	5.80	
	02MOD-0377	For Schedule 20, Deduct	-0.93	
	02MOD-0378	For Schedule 80, Add	2.56	
02711-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	7.26	1.33
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.16	
	02MOD-0374	For Vinyl Coated, Add	2.78	
	02MOD-0375	For Powder Coated, Add	3.71	
	02MOD-0376	For Aluminum Coated, Add	5.80	
	02MOD-0377	For Schedule 20, Deduct	-0.93	
	02MOD-0378	For Schedule 80, Add	2.49	
02711-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	6.74	1.05
	02MOD-0358	For Each Top Rail Fitting, Add	1.35	
	02MOD-0359	For Each Single Barbed Wire Arm, Add	2.65	
	02MOD-0360	For Each Double Barbed Wire Arm, Add	4.88	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	1.16	
	02MOD-0374	For Vinyl Coated, Add	2.78	
	02MOD-0375	For Powder Coated, Add	3.71	
	02MOD-0376	For Aluminum Coated, Add	5.80	
	02MOD-0377	For Schedule 20, Deduct	-0.93	
	02MOD-0378	For Schedule 80, Add	2.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0086 LF 2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length.....	6.39	0.91
02MOD-0358 For Each Top Rail Fitting, Add	1.35	
02MOD-0359 For Each Single Barbed Wire Arm, Add	2.65	
02MOD-0360 For Each Double Barbed Wire Arm, Add	4.88	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.16	
02MOD-0374 For Vinyl Coated, Add	2.78	
02MOD-0375 For Powder Coated, Add	3.71	
02MOD-0376 For Aluminum Coated, Add	5.80	
02MOD-0377 For Schedule 20, Deduct	-0.93	
02MOD-0378 For Schedule 80, Add	2.40	
02711-0087 LF 2-1/2" Outside Diameter Galvanized Steel Post, > 24' In.....	6.06	0.70
02MOD-0358 For Each Top Rail Fitting, Add	1.35	
02MOD-0359 For Each Single Barbed Wire Arm, Add	2.65	
02MOD-0360 For Each Double Barbed Wire Arm, Add	4.88	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.16	
02MOD-0374 For Vinyl Coated, Add	2.78	
02MOD-0375 For Powder Coated, Add	3.71	
02MOD-0376 For Aluminum Coated, Add	5.80	
02MOD-0377 For Schedule 20, Deduct	-0.93	
02MOD-0378 For Schedule 80, Add	2.37	
02711-0088 Post Without Top Rail Fitting, Galvanized Steel, (2.875" Nominal) (02711-0059)		
Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
02711-0089 LF 3" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	11.12	2.10
02MOD-0361 For Each Top Rail Fitting, Add	1.85	
02MOD-0362 For Each Single Barbed Wire Arm, Add	3.85	
02MOD-0363 For Each Double Barbed Wire Arm, Add	7.05	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.73	
02MOD-0374 For Vinyl Coated, Add	4.16	
02MOD-0375 For Powder Coated, Add	5.54	
02MOD-0376 For Aluminum Coated, Add	8.66	
02MOD-0377 For Schedule 20, Deduct	-1.39	
02MOD-0378 For Schedule 80, Add	3.75	
02711-0090 LF 3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	10.54	1.82
02MOD-0361 For Each Top Rail Fitting, Add	1.85	
02MOD-0362 For Each Single Barbed Wire Arm, Add	3.85	
02MOD-0363 For Each Double Barbed Wire Arm, Add	7.05	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.73	
02MOD-0374 For Vinyl Coated, Add	4.16	
02MOD-0375 For Powder Coated, Add	5.54	
02MOD-0376 For Aluminum Coated, Add	8.66	
02MOD-0377 For Schedule 20, Deduct	-1.39	
02MOD-0378 For Schedule 80, Add	3.69	
02711-0091 LF 3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	9.84	1.46
02MOD-0361 For Each Top Rail Fitting, Add	1.85	
02MOD-0362 For Each Single Barbed Wire Arm, Add	3.85	
02MOD-0363 For Each Double Barbed Wire Arm, Add	7.05	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.73	
02MOD-0374 For Vinyl Coated, Add	4.16	
02MOD-0375 For Powder Coated, Add	5.54	
02MOD-0376 For Aluminum Coated, Add	8.66	
02MOD-0377 For Schedule 20, Deduct	-1.39	
02MOD-0378 For Schedule 80, Add	3.62	
02711-0092 LF 3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	9.26	1.19
02MOD-0361 For Each Top Rail Fitting, Add	1.85	
02MOD-0362 For Each Single Barbed Wire Arm, Add	3.85	
02MOD-0363 For Each Double Barbed Wire Arm, Add	7.05	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.73	
02MOD-0374 For Vinyl Coated, Add	4.16	
02MOD-0375 For Powder Coated, Add	5.54	
02MOD-0376 For Aluminum Coated, Add	8.66	
02MOD-0377 For Schedule 20, Deduct	-1.39	
02MOD-0378 For Schedule 80, Add	3.56	
02711-0093 LF 3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	8.87	0.98
02MOD-0361 For Each Top Rail Fitting, Add	1.85	
02MOD-0362 For Each Single Barbed Wire Arm, Add	3.85	
02MOD-0363 For Each Double Barbed Wire Arm, Add	7.05	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.73	
02MOD-0374 For Vinyl Coated, Add	4.16	
02MOD-0375 For Powder Coated, Add	5.54	
02MOD-0376 For Aluminum Coated, Add	8.66	
02MOD-0377 For Schedule 20, Deduct	-1.39	
02MOD-0378 For Schedule 80, Add	3.52	
02711-0094 LF 3" Outside Diameter Galvanized Steel Post, > 24' In Length.....	8.51	0.77
02MOD-0361 For Each Top Rail Fitting, Add	1.85	
02MOD-0362 For Each Single Barbed Wire Arm, Add	3.85	
02MOD-0363 For Each Double Barbed Wire Arm, Add	7.05	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	1.73	
02MOD-0374 For Vinyl Coated, Add	4.16	
02MOD-0375 For Powder Coated, Add	5.54	
02MOD-0376 For Aluminum Coated, Add	8.66	
02MOD-0377 For Schedule 20, Deduct	-1.39	
02MOD-0378 For Schedule 80, Add	3.48	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0095		Post Without Top Rail Fitting, Galvanized Steel, (4" Nominal) (02711-0059) Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
02711-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	15.67	2.24
	02MOD-0364	For Each Top Rail Fitting, Add	2.60	
	02MOD-0365	For Each Single Barbed Wire Arm, Add	5.10	
	02MOD-0366	For Each Double Barbed Wire Arm, Add	11.25	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.82	
	02MOD-0374	For Vinyl Coated, Add	6.76	
	02MOD-0375	For Powder Coated, Add	9.01	
	02MOD-0376	For Aluminum Coated, Add	14.08	
	02MOD-0377	For Schedule 20, Deduct	-2.25	
	02MOD-0378	For Schedule 80, Add	5.85	
02711-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	14.94	1.82
	02MOD-0364	For Each Top Rail Fitting, Add	2.60	
	02MOD-0365	For Each Single Barbed Wire Arm, Add	5.10	
	02MOD-0366	For Each Double Barbed Wire Arm, Add	11.25	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.82	
	02MOD-0374	For Vinyl Coated, Add	6.76	
	02MOD-0375	For Powder Coated, Add	9.01	
	02MOD-0376	For Aluminum Coated, Add	14.08	
	02MOD-0377	For Schedule 20, Deduct	-2.25	
	02MOD-0378	For Schedule 80, Add	5.77	
02711-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	14.32	1.54
	02MOD-0364	For Each Top Rail Fitting, Add	2.60	
	02MOD-0365	For Each Single Barbed Wire Arm, Add	5.10	
	02MOD-0366	For Each Double Barbed Wire Arm, Add	11.25	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.82	
	02MOD-0374	For Vinyl Coated, Add	6.76	
	02MOD-0375	For Powder Coated, Add	9.01	
	02MOD-0376	For Aluminum Coated, Add	14.08	
	02MOD-0377	For Schedule 20, Deduct	-2.25	
	02MOD-0378	For Schedule 80, Add	5.71	
02711-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.72	1.26
	02MOD-0364	For Each Top Rail Fitting, Add	2.60	
	02MOD-0365	For Each Single Barbed Wire Arm, Add	5.10	
	02MOD-0366	For Each Double Barbed Wire Arm, Add	11.25	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.82	
	02MOD-0374	For Vinyl Coated, Add	6.76	
	02MOD-0375	For Powder Coated, Add	9.01	
	02MOD-0376	For Aluminum Coated, Add	14.08	
	02MOD-0377	For Schedule 20, Deduct	-2.25	
	02MOD-0378	For Schedule 80, Add	5.65	
02711-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.72	1.26
	02MOD-0364	For Each Top Rail Fitting, Add	2.60	
	02MOD-0365	For Each Single Barbed Wire Arm, Add	5.10	
	02MOD-0366	For Each Double Barbed Wire Arm, Add	11.25	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.82	
	02MOD-0374	For Vinyl Coated, Add	6.76	
	02MOD-0375	For Powder Coated, Add	9.01	
	02MOD-0376	For Aluminum Coated, Add	14.08	
	02MOD-0377	For Schedule 20, Deduct	-2.25	
	02MOD-0378	For Schedule 80, Add	5.65	
02711-0101	LF	4" Outside Diameter Galvanized Steel Post, > 24' In Length	13.01	0.91
	02MOD-0364	For Each Top Rail Fitting, Add	2.60	
	02MOD-0365	For Each Single Barbed Wire Arm, Add	5.10	
	02MOD-0366	For Each Double Barbed Wire Arm, Add	11.25	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	2.82	
	02MOD-0374	For Vinyl Coated, Add	6.76	
	02MOD-0375	For Powder Coated, Add	9.01	
	02MOD-0376	For Aluminum Coated, Add	14.08	
	02MOD-0377	For Schedule 20, Deduct	-2.25	
	02MOD-0378	For Schedule 80, Add	5.58	
02711-0102		Post Without Top Rail Fitting, Galvanized Steel, (6.625" Nominal) (02711-0059) Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
02711-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	28.79	2.45
	02MOD-0367	For Each Top Rail Fitting, Add	4.55	
	02MOD-0368	For Each Single Barbed Wire Arm, Add	7.15	
	02MOD-0369	For Each Double Barbed Wire Arm, Add	14.95	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	5.97	
	02MOD-0374	For Vinyl Coated, Add	14.33	
	02MOD-0375	For Powder Coated, Add	19.11	
	02MOD-0376	For Aluminum Coated, Add	29.86	
	02MOD-0377	For Schedule 20, Deduct	-4.78	
	02MOD-0378	For Schedule 80, Add	11.96	
02711-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	28.00	2.02
	02MOD-0367	For Each Top Rail Fitting, Add	4.55	
	02MOD-0368	For Each Single Barbed Wire Arm, Add	7.15	
	02MOD-0369	For Each Double Barbed Wire Arm, Add	14.95	
	02MOD-0373	For SS40 (Hot-Dip Galvanized And Chromated), Add	5.97	
	02MOD-0374	For Vinyl Coated, Add	14.33	
	02MOD-0375	For Powder Coated, Add	19.11	
	02MOD-0376	For Aluminum Coated, Add	29.86	
	02MOD-0377	For Schedule 20, Deduct	-4.78	
	02MOD-0378	For Schedule 80, Add	11.88	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0105 LF 6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	27.30	1.68
02MOD-0367 For Each Top Rail Fitting, Add	4.55	
02MOD-0368 For Each Single Barbed Wire Arm, Add	7.15	
02MOD-0369 For Each Double Barbed Wire Arm, Add	14.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	5.97	
02MOD-0374 For Vinyl Coated, Add	14.33	
02MOD-0375 For Powder Coated, Add	19.11	
02MOD-0376 For Aluminum Coated, Add	29.86	
02MOD-0377 For Schedule 20, Deduct	-4.78	
02MOD-0378 For Schedule 80, Add	11.81	
02711-0106 LF 6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	26.61	1.33
02MOD-0367 For Each Top Rail Fitting, Add	4.55	
02MOD-0368 For Each Single Barbed Wire Arm, Add	7.15	
02MOD-0369 For Each Double Barbed Wire Arm, Add	14.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	5.97	
02MOD-0374 For Vinyl Coated, Add	14.33	
02MOD-0375 For Powder Coated, Add	19.11	
02MOD-0376 For Aluminum Coated, Add	29.86	
02MOD-0377 For Schedule 20, Deduct	-4.78	
02MOD-0378 For Schedule 80, Add	11.74	
02711-0107 LF 6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	26.22	1.19
02MOD-0367 For Each Top Rail Fitting, Add	4.55	
02MOD-0368 For Each Single Barbed Wire Arm, Add	7.15	
02MOD-0369 For Each Double Barbed Wire Arm, Add	14.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	5.97	
02MOD-0374 For Vinyl Coated, Add	14.33	
02MOD-0375 For Powder Coated, Add	19.11	
02MOD-0376 For Aluminum Coated, Add	29.86	
02MOD-0377 For Schedule 20, Deduct	-4.78	
02MOD-0378 For Schedule 80, Add	11.70	
02711-0108 LF 6-5/8" Outside Diameter Galvanized Steel Post, > 24' In Length.....	25.83	0.98
02MOD-0367 For Each Top Rail Fitting, Add	4.55	
02MOD-0368 For Each Single Barbed Wire Arm, Add	7.15	
02MOD-0369 For Each Double Barbed Wire Arm, Add	14.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	5.97	
02MOD-0374 For Vinyl Coated, Add	14.33	
02MOD-0375 For Powder Coated, Add	19.11	
02MOD-0376 For Aluminum Coated, Add	29.86	
02MOD-0377 For Schedule 20, Deduct	-4.78	
02MOD-0378 For Schedule 80, Add	11.66	
02711-0109 Post Without Top Rail Fitting, Galvanized Steel, (8.625" Nominal) (02711-0059)		
Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
02711-0110 LF 8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	54.40	2.73
02MOD-0370 For Each Top Rail Fitting, Add	7.50	
02MOD-0371 For Each Single Barbed Wire Arm, Add	9.15	
02MOD-0372 For Each Double Barbed Wire Arm, Add	18.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	12.24	
02MOD-0374 For Vinyl Coated, Add	29.37	
02MOD-0375 For Powder Coated, Add	39.16	
02MOD-0376 For Aluminum Coated, Add	61.19	
02MOD-0377 For Schedule 20, Deduct	-9.79	
02MOD-0378 For Schedule 80, Add	24.04	
02711-0111 LF 8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	53.51	2.31
02MOD-0370 For Each Top Rail Fitting, Add	7.50	
02MOD-0371 For Each Single Barbed Wire Arm, Add	9.15	
02MOD-0372 For Each Double Barbed Wire Arm, Add	18.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	12.24	
02MOD-0374 For Vinyl Coated, Add	29.37	
02MOD-0375 For Powder Coated, Add	39.16	
02MOD-0376 For Aluminum Coated, Add	61.19	
02MOD-0377 For Schedule 20, Deduct	-9.79	
02MOD-0378 For Schedule 80, Add	23.95	
02711-0112 LF 8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	52.73	1.89
02MOD-0370 For Each Top Rail Fitting, Add	7.50	
02MOD-0371 For Each Single Barbed Wire Arm, Add	9.15	
02MOD-0372 For Each Double Barbed Wire Arm, Add	18.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	12.24	
02MOD-0374 For Vinyl Coated, Add	29.37	
02MOD-0375 For Powder Coated, Add	39.16	
02MOD-0376 For Aluminum Coated, Add	61.19	
02MOD-0377 For Schedule 20, Deduct	-9.79	
02MOD-0378 For Schedule 80, Add	23.87	
02711-0113 LF 8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	51.94	1.46
02MOD-0370 For Each Top Rail Fitting, Add	7.50	
02MOD-0371 For Each Single Barbed Wire Arm, Add	9.15	
02MOD-0372 For Each Double Barbed Wire Arm, Add	18.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	12.24	
02MOD-0374 For Vinyl Coated, Add	29.37	
02MOD-0375 For Powder Coated, Add	39.16	
02MOD-0376 For Aluminum Coated, Add	61.19	
02MOD-0377 For Schedule 20, Deduct	-9.79	
02MOD-0378 For Schedule 80, Add	23.80	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0114 LF 8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	51.54	1.26
02MOD-0370 For Each Top Rail Fitting, Add	7.50	
02MOD-0371 For Each Single Barbed Wire Arm, Add	9.15	
02MOD-0372 For Each Double Barbed Wire Arm, Add	18.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	12.24	
02MOD-0374 For Vinyl Coated, Add	29.37	
02MOD-0375 For Powder Coated, Add	39.16	
02MOD-0376 For Aluminum Coated, Add	61.19	
02MOD-0377 For Schedule 20, Deduct	-9.79	
02MOD-0378 For Schedule 80, Add	23.76	
02711-0115 LF 8-5/8" Outside Diameter Galvanized Steel Post, > 24' In Length.....	51.11	1.05
02MOD-0370 For Each Top Rail Fitting, Add	7.50	
02MOD-0371 For Each Single Barbed Wire Arm, Add	9.15	
02MOD-0372 For Each Double Barbed Wire Arm, Add	18.95	
02MOD-0373 For SS40 (Hot-Dip Galvanized And Chromated), Add	12.24	
02MOD-0374 For Vinyl Coated, Add	29.37	
02MOD-0375 For Powder Coated, Add	39.16	
02MOD-0376 For Aluminum Coated, Add	61.19	
02MOD-0377 For Schedule 20, Deduct	-9.79	
02MOD-0378 For Schedule 80, Add	23.71	
02711-0116 Chain Link Fence Assemblies (02711)		
02711-0117 Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts (02711-0116)		
Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. For use on 50 lf or more. Demolition excludes concrete footing removal on posts and excavation. See CSI section 02112-0101 for concrete footing removal, 02210-0009 for hand excavation for footing removal (where required), 02711-0142 for mid rails (where necessary), 02711-0630 for barb wire attachments.		
02711-0118 Galvanized (02711-0117)		
02711-0119 LF 3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	18.20	2.38
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	0.93	
02MOD-0384 For 13 Gauge Fabric, Deduct	-3.09	
02MOD-0385 For 11 Gauge Fabric, Deduct	-1.80	
02MOD-0386 For 6 Gauge Fabric, Add	2.84	
02MOD-0387 For 1" Mesh Fabric, Add	3.87	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	1.55	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-0.77	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.03	
02MOD-0391 For Posts 8' On Centers, Add	1.02	
02MOD-0392 For Posts 5' On Centers, Add	3.88	
02MOD-0393 For Up To 100, Add	3.66	
02MOD-0394 For > 100 To 250, Add	1.38	
02711-0120 LF 3-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	19.05	2.38
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	0.95	
02MOD-0384 For 13 Gauge Fabric, Deduct	-3.33	
02MOD-0385 For 11 Gauge Fabric, Deduct	-1.95	
02MOD-0386 For 6 Gauge Fabric, Add	3.06	
02MOD-0387 For 1" Mesh Fabric, Add	4.17	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	1.67	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-0.83	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.11	
02MOD-0391 For Posts 8' On Centers, Add	1.07	
02MOD-0392 For Posts 5' On Centers, Add	4.04	
02MOD-0393 For Up To 100, Add	3.80	
02MOD-0394 For > 100 To 250, Add	1.43	
02711-0121 LF 4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	19.75	2.38
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	0.96	
02MOD-0384 For 13 Gauge Fabric, Deduct	-3.53	
02MOD-0385 For 11 Gauge Fabric, Deduct	-2.06	
02MOD-0386 For 6 Gauge Fabric, Add	3.24	
02MOD-0387 For 1" Mesh Fabric, Add	4.42	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	1.77	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-0.88	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.18	
02MOD-0391 For Posts 8' On Centers, Add	1.10	
02MOD-0392 For Posts 5' On Centers, Add	4.18	
02MOD-0393 For Up To 100, Add	3.92	
02MOD-0394 For > 100 To 250, Add	1.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0122 LF 5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	21.44	2.38
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	0.99	
02MOD-0384 For 13 Gauge Fabric, Deduct	-4.01	
02MOD-0385 For 11 Gauge Fabric, Deduct	-2.34	
02MOD-0386 For 6 Gauge Fabric, Add	3.68	
02MOD-0387 For 1" Mesh Fabric, Add	5.02	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	2.01	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.00	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.34	
02MOD-0391 For Posts 8' On Centers, Add	1.19	
02MOD-0392 For Posts 5' On Centers, Add	4.50	
02MOD-0393 For Up To 100, Add	4.21	
02MOD-0394 For > 100 To 250, Add	1.57	
02711-0123 LF 6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	23.50	2.38
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.06	
02MOD-0384 For 13 Gauge Fabric, Deduct	-4.50	
02MOD-0385 For 11 Gauge Fabric, Deduct	-2.63	
02MOD-0386 For 6 Gauge Fabric, Add	4.13	
02MOD-0387 For 1" Mesh Fabric, Add	5.63	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	2.25	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.13	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.50	
02MOD-0391 For Posts 8' On Centers, Add	1.30	
02MOD-0392 For Posts 5' On Centers, Add	4.92	
02MOD-0393 For Up To 100, Add	4.58	
02MOD-0394 For > 100 To 250, Add	1.70	
02711-0124 LF 7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	24.73	3.57
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.10	
02MOD-0384 For 13 Gauge Fabric, Deduct	-4.79	
02MOD-0385 For 11 Gauge Fabric, Deduct	-2.80	
02MOD-0386 For 6 Gauge Fabric, Add	4.39	
02MOD-0387 For 1" Mesh Fabric, Add	5.99	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	2.40	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.20	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.60	
02MOD-0391 For Posts 8' On Centers, Add	1.37	
02MOD-0392 For Posts 5' On Centers, Add	5.16	
02MOD-0393 For Up To 100, Add	4.81	
02MOD-0394 For > 100 To 250, Add	1.78	
02711-0125 LF 8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	27.95	4.16
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.17	
02MOD-0384 For 13 Gauge Fabric, Deduct	-5.66	
02MOD-0385 For 11 Gauge Fabric, Deduct	-3.30	
02MOD-0386 For 6 Gauge Fabric, Add	5.19	
02MOD-0387 For 1" Mesh Fabric, Add	7.08	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	2.83	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.42	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-1.89	
02MOD-0391 For Posts 8' On Centers, Add	1.54	
02MOD-0392 For Posts 5' On Centers, Add	5.79	
02MOD-0393 For Up To 100, Add	5.36	
02MOD-0394 For > 100 To 250, Add	1.98	
02711-0126 LF 9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	30.06	5.35
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.22	
02MOD-0384 For 13 Gauge Fabric, Deduct	-6.20	
02MOD-0385 For 11 Gauge Fabric, Deduct	-3.62	
02MOD-0386 For 6 Gauge Fabric, Add	5.69	
02MOD-0387 For 1" Mesh Fabric, Add	7.76	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	3.10	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.55	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-2.07	
02MOD-0391 For Posts 8' On Centers, Add	1.65	
02MOD-0392 For Posts 5' On Centers, Add	6.21	
02MOD-0393 For Up To 100, Add	5.73	
02MOD-0394 For > 100 To 250, Add	2.11	
02711-0127 LF 10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	32.19	5.94
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.28	
02MOD-0384 For 13 Gauge Fabric, Deduct	-6.74	
02MOD-0385 For 11 Gauge Fabric, Deduct	-3.94	
02MOD-0386 For 6 Gauge Fabric, Add	6.19	
02MOD-0387 For 1" Mesh Fabric, Add	8.44	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	3.38	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.69	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-2.25	
02MOD-0391 For Posts 8' On Centers, Add	1.76	
02MOD-0392 For Posts 5' On Centers, Add	6.62	
02MOD-0393 For Up To 100, Add	6.11	
02MOD-0394 For > 100 To 250, Add	2.25	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0128	LF	12'	Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	36.10	7.13
	02MOD-0379		For Each Additional Foot > 12, Add	3.14	
	02MOD-0383		For Installation In Concrete (Excludes Drilling), Add	1.39	
	02MOD-0384		For 13 Gauge Fabric, Deduct	-7.73	
	02MOD-0385		For 11 Gauge Fabric, Deduct	-4.52	
	02MOD-0386		For 6 Gauge Fabric, Add	7.10	
	02MOD-0387		For 1" Mesh Fabric, Add	9.68	
	02MOD-0388		For 1-3/4" Mesh Fabric, Add	3.87	
	02MOD-0389		For 2-1/8" Mesh Fabric, Deduct	-1.94	
	02MOD-0390		For 2-3/8" Mesh Fabric, Deduct	-2.58	
	02MOD-0391		For Posts 8' On Centers, Add	1.97	
	02MOD-0392		For Posts 5' On Centers, Add	7.40	
	02MOD-0393		For Up To 100, Add	6.80	
	02MOD-0394		For > 100 To 250, Add	2.50	
02711-0129			Vinyl Coated ⁽⁰²⁷¹¹⁻⁰¹¹⁷⁾		
02711-0130	LF	4'	Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	20.81	2.38
	02MOD-0381		For Powder Coated, Add	2.24	
	02MOD-0382		For Aluminum Coated, Add	4.48	
	02MOD-0383		For Installation In Concrete (Excludes Drilling), Add	0.96	
	02MOD-0384		For 13 Gauge Fabric, Deduct	-3.90	
	02MOD-0385		For 11 Gauge Fabric, Deduct	-2.28	
	02MOD-0386		For 6 Gauge Fabric, Add	3.58	
	02MOD-0387		For 1" Mesh Fabric, Add	4.88	
	02MOD-0388		For 1-3/4" Mesh Fabric, Add	1.95	
	02MOD-0389		For 2-1/8" Mesh Fabric, Deduct	-0.98	
	02MOD-0390		For 2-3/8" Mesh Fabric, Deduct	-1.30	
	02MOD-0391		For Posts 8' On Centers, Add	1.16	
	02MOD-0392		For Posts 5' On Centers, Add	4.37	
	02MOD-0393		For Up To 100, Add	4.08	
	02MOD-0394		For > 100 To 250, Add	1.52	
02711-0131	LF	5'	Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	22.79	2.38
	02MOD-0381		For Powder Coated, Add	2.58	
	02MOD-0382		For Aluminum Coated, Add	5.15	
	02MOD-0383		For Installation In Concrete (Excludes Drilling), Add	0.99	
	02MOD-0384		For 13 Gauge Fabric, Deduct	-4.48	
	02MOD-0385		For 11 Gauge Fabric, Deduct	-2.61	
	02MOD-0386		For 6 Gauge Fabric, Add	4.11	
	02MOD-0387		For 1" Mesh Fabric, Add	5.60	
	02MOD-0388		For 1-3/4" Mesh Fabric, Add	2.24	
	02MOD-0389		For 2-1/8" Mesh Fabric, Deduct	-1.12	
	02MOD-0390		For 2-3/8" Mesh Fabric, Deduct	-1.49	
	02MOD-0391		For Posts 8' On Centers, Add	1.26	
	02MOD-0392		For Posts 5' On Centers, Add	4.75	
	02MOD-0393		For Up To 100, Add	4.41	
	02MOD-0394		For > 100 To 250, Add	1.64	
02711-0132	LF	6'	Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	26.23	2.38
	02MOD-0381		For Powder Coated, Add	3.13	
	02MOD-0382		For Aluminum Coated, Add	6.27	
	02MOD-0383		For Installation In Concrete (Excludes Drilling), Add	1.06	
	02MOD-0384		For 13 Gauge Fabric, Deduct	-5.45	
	02MOD-0385		For 11 Gauge Fabric, Deduct	-3.18	
	02MOD-0386		For 6 Gauge Fabric, Add	5.00	
	02MOD-0387		For 1" Mesh Fabric, Add	6.82	
	02MOD-0388		For 1-3/4" Mesh Fabric, Add	2.73	
	02MOD-0389		For 2-1/8" Mesh Fabric, Deduct	-1.36	
	02MOD-0390		For 2-3/8" Mesh Fabric, Deduct	-1.82	
	02MOD-0391		For Posts 8' On Centers, Add	1.44	
	02MOD-0392		For Posts 5' On Centers, Add	5.41	
	02MOD-0393		For Up To 100, Add	4.99	
	02MOD-0394		For > 100 To 250, Add	1.84	
02711-0133	LF	7'	Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	27.91	3.57
	02MOD-0381		For Powder Coated, Add	3.39	
	02MOD-0382		For Aluminum Coated, Add	6.78	
	02MOD-0383		For Installation In Concrete (Excludes Drilling), Add	1.10	
	02MOD-0384		For 13 Gauge Fabric, Deduct	-5.89	
	02MOD-0385		For 11 Gauge Fabric, Deduct	-3.44	
	02MOD-0386		For 6 Gauge Fabric, Add	5.41	
	02MOD-0387		For 1" Mesh Fabric, Add	7.37	
	02MOD-0388		For 1-3/4" Mesh Fabric, Add	2.95	
	02MOD-0389		For 2-1/8" Mesh Fabric, Deduct	-1.47	
	02MOD-0390		For 2-3/8" Mesh Fabric, Deduct	-1.97	
	02MOD-0391		For Posts 8' On Centers, Add	1.53	
	02MOD-0392		For Posts 5' On Centers, Add	5.74	
	02MOD-0393		For Up To 100, Add	5.28	
	02MOD-0394		For > 100 To 250, Add	1.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0134 LF 8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	31.66	4.16
02MOD-0381 For Powder Coated, Add	4.00	
02MOD-0382 For Aluminum Coated, Add	8.00	
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.17	
02MOD-0384 For 13 Gauge Fabric, Deduct	-6.95	
02MOD-0385 For 11 Gauge Fabric, Deduct	-4.06	
02MOD-0386 For 6 Gauge Fabric, Add	6.38	
02MOD-0387 For 1" Mesh Fabric, Add	8.70	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	3.48	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.74	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-2.32	
02MOD-0391 For Posts 8' On Centers, Add	1.72	
02MOD-0392 For Posts 5' On Centers, Add	6.46	
02MOD-0393 For Up To 100, Add	5.92	
02MOD-0394 For > 100 To 250, Add	2.17	
02711-0135 LF 9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	34.04	5.35
02MOD-0381 For Powder Coated, Add	4.36	
02MOD-0382 For Aluminum Coated, Add	8.73	
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.22	
02MOD-0384 For 13 Gauge Fabric, Deduct	-7.58	
02MOD-0385 For 11 Gauge Fabric, Deduct	-4.43	
02MOD-0386 For 6 Gauge Fabric, Add	6.96	
02MOD-0387 For 1" Mesh Fabric, Add	9.49	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	3.80	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-1.90	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-2.53	
02MOD-0391 For Posts 8' On Centers, Add	1.85	
02MOD-0392 For Posts 5' On Centers, Add	6.92	
02MOD-0393 For Up To 100, Add	6.33	
02MOD-0394 For > 100 To 250, Add	2.31	
02711-0136 LF 10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	36.43	5.94
02MOD-0381 For Powder Coated, Add	4.73	
02MOD-0382 For Aluminum Coated, Add	9.46	
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.28	
02MOD-0384 For 13 Gauge Fabric, Deduct	-8.22	
02MOD-0385 For 11 Gauge Fabric, Deduct	-4.80	
02MOD-0386 For 6 Gauge Fabric, Add	7.54	
02MOD-0387 For 1" Mesh Fabric, Add	10.29	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	4.12	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-2.06	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-2.74	
02MOD-0391 For Posts 8' On Centers, Add	1.97	
02MOD-0392 For Posts 5' On Centers, Add	7.39	
02MOD-0393 For Up To 100, Add	6.74	
02MOD-0394 For > 100 To 250, Add	2.46	
02711-0137 LF 12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' O.C., 3" Corner Post.....	39.83	7.13
02MOD-0380 For Each Additional Foot > 12, Add	3.39	
02MOD-0381 For Powder Coated, Add	5.20	
02MOD-0382 For Aluminum Coated, Add	10.39	
02MOD-0383 For Installation In Concrete (Excludes Drilling), Add	1.39	
02MOD-0384 For 13 Gauge Fabric, Deduct	-9.03	
02MOD-0385 For 11 Gauge Fabric, Deduct	-5.27	
02MOD-0386 For 6 Gauge Fabric, Add	8.29	
02MOD-0387 For 1" Mesh Fabric, Add	11.30	
02MOD-0388 For 1-3/4" Mesh Fabric, Add	4.52	
02MOD-0389 For 2-1/8" Mesh Fabric, Deduct	-2.26	
02MOD-0390 For 2-3/8" Mesh Fabric, Deduct	-3.01	
02MOD-0391 For Posts 8' On Centers, Add	2.16	
02MOD-0392 For Posts 5' On Centers, Add	8.07	
02MOD-0393 For Up To 100, Add	7.36	
02MOD-0394 For > 100 To 250, Add	2.68	
02711-0138 Rails ⁽⁰²⁷¹¹⁾ Note: Includes rail end fittings.		
02711-0139 SS-20 Top Rail Including Tie Wires (1.66" Nominal) ⁽⁰²⁷¹¹⁻⁰¹³⁸⁾		
02711-0140 LF 1-5/8" Galvanized Steel Top Rail, Tie Wires And Fittings.....	3.48	0.77
02MOD-0395 For SS40, Add	0.43	
02711-0141 LF 1-5/8" Vinyl Coated Top Rail, Tie Wires And Fittings.....	4.42	0.77
02MOD-0396 For SS40, Add	0.27	
02MOD-0399 For Powder Coated, Add	0.53	
02MOD-0401 For Aluminum Coated, Add	1.07	
02711-0142 SS-20 Middle/Bottom Rail With Tie Wire (1.66" Nominal) ⁽⁰²⁷¹¹⁻⁰¹³⁸⁾		
02711-0143 LF 1-5/8" Galvanized Steel Fence Rail, Tie Wire And Fittings.....	3.47	0.77
02MOD-0397 For SS40, Add	0.43	
02711-0144 LF 1-5/8" Vinyl Coated Fence Rail, Tie Wires And Fittings.....	4.42	0.77
02MOD-0398 For SS40, Add	0.27	
02MOD-0400 For Powder Coated, Add	0.53	
02MOD-0402 For Aluminum Coated, Add	1.07	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0145		Fabric ⁽⁰²⁷¹¹⁾		
02711-0146		Fabric, Galvanized Chain Link 2" Mesh ⁽⁰²⁷¹¹⁻⁰¹⁴⁵⁾		
		Note: # 9 Gauge, galvanized 1.2 ounce coating.		
02711-0147	LF	3' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	7.18	1.39
	02MOD-0403	For 2 Oz Galvanized Coating, Add	0.79	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-1.58	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-0.92	
	02MOD-0406	For 6 Gauge Fabric, Add	1.45	
	02MOD-0407	For 1" Mesh Fabric, Add	1.97	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	0.79	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-0.39	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-0.53	
02711-0148	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	7.96	1.58
	02MOD-0403	For 2 Oz Galvanized Coating, Add	0.92	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-1.84	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-1.07	
	02MOD-0406	For 6 Gauge Fabric, Add	1.69	
	02MOD-0407	For 1" Mesh Fabric, Add	2.30	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	0.92	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-0.46	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-0.61	
02711-0149	LF	4' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	8.62	1.75
	02MOD-0403	For 2 Oz Galvanized Coating, Add	1.01	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-2.02	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-1.18	
	02MOD-0406	For 6 Gauge Fabric, Add	1.85	
	02MOD-0407	For 1" Mesh Fabric, Add	2.53	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	1.01	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-0.51	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-0.67	
02711-0150	LF	5' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	9.79	2.10
	02MOD-0403	For 2 Oz Galvanized Coating, Add	1.26	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-2.52	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-1.47	
	02MOD-0406	For 6 Gauge Fabric, Add	2.31	
	02MOD-0407	For 1" Mesh Fabric, Add	3.15	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	1.26	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-0.63	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-0.84	
02711-0151	LF	6' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	11.04	2.45
	02MOD-0403	For 2 Oz Galvanized Coating, Add	1.52	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-3.03	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-1.77	
	02MOD-0406	For 6 Gauge Fabric, Add	2.78	
	02MOD-0407	For 1" Mesh Fabric, Add	3.79	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	1.52	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-0.76	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-1.01	
02711-0152	LF	7' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	12.34	2.80
	02MOD-0403	For 2 Oz Galvanized Coating, Add	1.76	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-3.53	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-2.06	
	02MOD-0406	For 6 Gauge Fabric, Add	3.23	
	02MOD-0407	For 1" Mesh Fabric, Add	4.41	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	1.76	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-0.88	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-1.18	
02711-0153	LF	8' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	13.72	3.50
	02MOD-0403	For 2 Oz Galvanized Coating, Add	2.02	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-4.04	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-2.36	
	02MOD-0406	For 6 Gauge Fabric, Add	3.70	
	02MOD-0407	For 1" Mesh Fabric, Add	5.05	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	2.02	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-1.01	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-1.35	
02711-0154	LF	10' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	16.45	3.84
	02MOD-0403	For 2 Oz Galvanized Coating, Add	2.62	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-5.24	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-3.06	
	02MOD-0406	For 6 Gauge Fabric, Add	4.81	
	02MOD-0407	For 1" Mesh Fabric, Add	6.56	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	2.62	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-1.31	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-1.75	
02711-0155	LF	12' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	18.86	4.19
	02MOD-0403	For 2 Oz Galvanized Coating, Add	3.14	
	02MOD-0404	For 13 Gauge Fabric, Deduct	-6.28	
	02MOD-0405	For 11 Gauge Fabric, Deduct	-3.66	
	02MOD-0406	For 6 Gauge Fabric, Add	5.76	
	02MOD-0407	For 1" Mesh Fabric, Add	7.85	
	02MOD-0408	For 1-3/4" Mesh Fabric, Add	3.14	
	02MOD-0409	For 2-1/8" Mesh Fabric, Deduct	-1.57	
	02MOD-0410	For 2-3/8" Mesh Fabric, Deduct	-2.09	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0156	LF 14' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	21.03	4.89
	02MOD-0403 For 2 Oz Galvanized Coating, Add	3.38	
	02MOD-0404 For 13 Gauge Fabric, Deduct	-6.75	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-3.94	
	02MOD-0406 For 6 Gauge Fabric, Add	6.19	
	02MOD-0407 For 1" Mesh Fabric, Add	8.44	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	3.38	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-1.69	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-2.25	
02711-0157	LF 16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	23.22	5.59
	02MOD-0403 For 2 Oz Galvanized Coating, Add	3.61	
	02MOD-0404 For 13 Gauge Fabric, Deduct	-7.22	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-4.21	
	02MOD-0406 For 6 Gauge Fabric, Add	6.62	
	02MOD-0407 For 1" Mesh Fabric, Add	9.02	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	3.61	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-1.80	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-2.41	
02711-0158	Fabric, Vinyl Coated Chain Link 2" Mesh <small>(02711-0145)</small>		
	Note: # 9 Gauge (fused)		
02711-0159	LF 4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	9.69	1.39
	02MOD-0404 For 13 Gauge Fabric, Deduct	-2.66	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-1.55	
	02MOD-0406 For 6 Gauge Fabric, Add	2.44	
	02MOD-0407 For 1" Mesh Fabric, Add	3.33	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	1.33	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-0.67	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-0.89	
	02MOD-0411 For Powder Coated, Add	0.89	
	02MOD-0412 For Aluminum Coated, Add	1.78	
02711-0160	LF 5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	11.14	2.10
	02MOD-0404 For 13 Gauge Fabric, Deduct	-3.33	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-1.94	
	02MOD-0406 For 6 Gauge Fabric, Add	3.05	
	02MOD-0407 For 1" Mesh Fabric, Add	4.16	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	1.67	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-0.83	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-1.11	
	02MOD-0411 For Powder Coated, Add	1.11	
	02MOD-0412 For Aluminum Coated, Add	2.22	
02711-0161	LF 6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	13.77	2.45
	02MOD-0404 For 13 Gauge Fabric, Deduct	-4.67	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-2.72	
	02MOD-0406 For 6 Gauge Fabric, Add	4.28	
	02MOD-0407 For 1" Mesh Fabric, Add	5.84	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	2.33	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-1.17	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-1.56	
	02MOD-0411 For Powder Coated, Add	1.56	
	02MOD-0412 For Aluminum Coated, Add	3.11	
02711-0162	LF 7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.52	2.80
	02MOD-0404 For 13 Gauge Fabric, Deduct	-5.44	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-3.17	
	02MOD-0406 For 6 Gauge Fabric, Add	4.98	
	02MOD-0407 For 1" Mesh Fabric, Add	6.80	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	2.72	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-1.36	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-1.81	
	02MOD-0411 For Powder Coated, Add	1.81	
	02MOD-0412 For Aluminum Coated, Add	3.62	
02711-0163	LF 8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	17.42	3.50
	02MOD-0404 For 13 Gauge Fabric, Deduct	-6.26	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-3.65	
	02MOD-0406 For 6 Gauge Fabric, Add	5.74	
	02MOD-0407 For 1" Mesh Fabric, Add	7.82	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	3.13	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-1.56	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-2.09	
	02MOD-0411 For Powder Coated, Add	2.09	
	02MOD-0412 For Aluminum Coated, Add	4.17	
02711-0164	LF 10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	20.69	3.84
	02MOD-0404 For 13 Gauge Fabric, Deduct	-7.79	
	02MOD-0405 For 11 Gauge Fabric, Deduct	-4.54	
	02MOD-0406 For 6 Gauge Fabric, Add	7.14	
	02MOD-0407 For 1" Mesh Fabric, Add	9.74	
	02MOD-0408 For 1-3/4" Mesh Fabric, Add	3.89	
	02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-1.95	
	02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-2.60	
	02MOD-0411 For Powder Coated, Add	2.60	
	02MOD-0412 For Aluminum Coated, Add	5.19	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0165	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.59	4.19
		02MOD-0404 For 13 Gauge Fabric, Deduct	-8.52	
		02MOD-0405 For 11 Gauge Fabric, Deduct	-4.97	
		02MOD-0406 For 6 Gauge Fabric, Add	7.81	
		02MOD-0407 For 1" Mesh Fabric, Add	10.65	
		02MOD-0408 For 1-3/4" Mesh Fabric, Add	4.26	
		02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-2.13	
		02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-2.84	
		02MOD-0411 For Powder Coated, Add	2.84	
		02MOD-0412 For Aluminum Coated, Add	5.68	
02711-0166	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	25.41	4.89
		02MOD-0404 For 13 Gauge Fabric, Deduct	-9.38	
		02MOD-0405 For 11 Gauge Fabric, Deduct	-5.47	
		02MOD-0406 For 6 Gauge Fabric, Add	8.60	
		02MOD-0407 For 1" Mesh Fabric, Add	11.72	
		02MOD-0408 For 1-3/4" Mesh Fabric, Add	4.69	
		02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-2.34	
		02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-3.13	
		02MOD-0411 For Powder Coated, Add	3.13	
		02MOD-0412 For Aluminum Coated, Add	6.25	
02711-0167	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	28.32	5.59
		02MOD-0404 For 13 Gauge Fabric, Deduct	-10.28	
		02MOD-0405 For 11 Gauge Fabric, Deduct	-6.00	
		02MOD-0406 For 6 Gauge Fabric, Add	9.42	
		02MOD-0407 For 1" Mesh Fabric, Add	12.85	
		02MOD-0408 For 1-3/4" Mesh Fabric, Add	5.14	
		02MOD-0409 For 2-1/8" Mesh Fabric, Deduct	-2.57	
		02MOD-0410 For 2-3/8" Mesh Fabric, Deduct	-3.43	
		02MOD-0411 For Powder Coated, Add	3.43	
		02MOD-0412 For Aluminum Coated, Add	6.85	
02711-0168		Fence Inserts (02711-0145)		
		Note: For use with new or existing chain link fence, per lf of fence.		
02711-0169		Vinyl Plastic Fence Inserts (02711-0168)		
		Note: Assorted colors		
02711-0170	LF	3' High Fence, Vinyl Plastic Fence Insert.....	5.35	
02711-0171	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert.....	6.15	
02711-0172	LF	4' High Fence, Vinyl Plastic Fence Insert.....	6.79	
02711-0173	LF	5' High Fence, Vinyl Plastic Fence Insert.....	8.50	
02711-0174	LF	6' High Fence, Vinyl Plastic Fence Insert.....	10.19	
02711-0175	LF	7' High Fence, Vinyl Plastic Fence Insert.....	11.90	
02711-0176	LF	8' High Fence, Vinyl Plastic Fence Insert.....	13.56	
02711-0177	LF	10' High Fence, Vinyl Plastic Fence Insert.....	15.99	
02711-0178		Aluminum Fence Inserts (02711-0168)		
		Note: Assorted colors		
02711-0179	LF	3' High Fence, Aluminum Fence Insert.....	11.60	
02711-0180	LF	3-1/2' High Fence, Aluminum Fence Insert.....	12.84	
02711-0181	LF	4' High Fence, Aluminum Fence Insert.....	15.04	
02711-0182	LF	5' High Fence, Aluminum Fence Insert.....	18.85	
02711-0183	LF	6' High Fence, Aluminum Fence Insert.....	22.60	
02711-0184	LF	7' High Fence, Aluminum Fence Insert.....	25.09	
02711-0185	LF	8' High Fence, Aluminum Fence Insert.....	30.13	
02711-0186	LF	10' High Fence, Aluminum Fence Insert.....	36.73	
02711-0187		Redwood Fence Inserts (02711-0168)		
02711-0188	LF	4' High Fence, Redwood Fence Insert.....	8.59	
02711-0189	LF	5' High Fence, Redwood Fence Insert.....	10.89	
02711-0190	LF	6' High Fence, Redwood Fence Insert.....	13.09	
02711-0191	LF	7' High Fence, Redwood Fence Insert.....	15.23	
02711-0192	LF	8' High Fence, Redwood Fence Insert.....	17.44	
02711-0193		Diagonal Flexible Polyethylene Inserts (02711-0168)		
02711-0194	SF	Diagonal Polyethylene Fence Weave	2.21	
02711-0195		Hedge Link Fence Inserts (02711-0168)		
02711-0196	LF	3' High Fence, Hedge Link Fence Insert.....	11.18	
02711-0197	LF	3-1/2' High Fence, Hedge Link Fence Insert.....	12.73	
02711-0198	LF	4' High Fence, Hedge Link Fence Insert.....	15.09	
02711-0199	LF	5' High Fence, Hedge Link Fence Insert.....	18.67	
02711-0200	LF	6' High Fence, Hedge Link Fence Insert.....	21.50	
02711-0201	LF	7' High Fence, Hedge Link Fence Insert.....	26.83	
02711-0202	LF	8' High Fence, Hedge Link Fence Insert.....	30.50	
02711-0203	LF	10' High Fence, Hedge Link Fence Insert.....	36.27	
02711-0204	LF	12' High Fence, Hedge Link Fence Insert.....	41.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0205 Fence Windscreen Fabric <small>(02711-0145)</small> Note: Attached to fence with plastic wire clips.		
02711-0206 SF Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY.....	1.67	
02MOD-0619 For Sewn Boxed Vent (Each), Add	12.94	
02MOD-0620 For Welded Boxed Vent (Each), Add	6.47	
02MOD-0621 For 4' x 4' One Color Logo (Each), Add	269.52	
02711-0207 Gates <small>(02711)</small> Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be).		
02711-0208 Galvanized Steel Without Barbed Wire <small>(02711-0207)</small> Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
02711-0209 4' Fence Height <small>(02711-0208)</small>		
02711-0210 EA 3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	142.96	17.51
02MOD-0413 For Gate With Single Barb Wire Arm, Add	9.71	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	14.12	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-16.55	
02MOD-0416 For Aluminized Steel Gate And Post, Add	42.36	
02MOD-0417 For Powder Coated Gate And Post, Add	22.94	
02711-0211 EA 4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	172.37	18.24
02MOD-0413 For Gate With Single Barb Wire Arm, Add	12.94	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	18.82	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-22.06	
02MOD-0416 For Aluminized Steel Gate And Post, Add	56.47	
02MOD-0417 For Powder Coated Gate And Post, Add	30.59	
02711-0212 EA 5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	200.41	19.41
02MOD-0413 For Gate With Single Barb Wire Arm, Add	15.63	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	22.73	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-26.63	
02MOD-0416 For Aluminized Steel Gate And Post, Add	68.18	
02MOD-0417 For Powder Coated Gate And Post, Add	36.93	
02711-0213 EA 6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	236.48	23.35
02MOD-0413 For Gate With Single Barb Wire Arm, Add	18.31	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	26.63	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-31.21	
02MOD-0416 For Aluminized Steel Gate And Post, Add	79.89	
02MOD-0417 For Powder Coated Gate And Post, Add	43.27	
02711-0214 EA 7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	272.54	27.21
02MOD-0413 For Gate With Single Barb Wire Arm, Add	20.99	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	30.53	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-35.78	
02MOD-0416 For Aluminized Steel Gate And Post, Add	91.60	
02MOD-0417 For Powder Coated Gate And Post, Add	49.62	
02711-0215 EA 8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	309.60	31.07
02MOD-0413 For Gate With Single Barb Wire Arm, Add	23.78	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	34.60	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-40.54	
02MOD-0416 For Aluminized Steel Gate And Post, Add	103.79	
02MOD-0417 For Powder Coated Gate And Post, Add	56.22	
02711-0216 EA 9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	345.67	35.02
02MOD-0413 For Gate With Single Barb Wire Arm, Add	26.47	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	38.50	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-45.12	
02MOD-0416 For Aluminized Steel Gate And Post, Add	115.50	
02MOD-0417 For Powder Coated Gate And Post, Add	62.56	
02711-0217 EA 10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	382.16	38.88
02MOD-0413 For Gate With Single Barb Wire Arm, Add	29.20	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	42.47	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-49.77	
02MOD-0416 For Aluminized Steel Gate And Post, Add	127.41	
02MOD-0417 For Powder Coated Gate And Post, Add	69.01	
02711-0218 EA 10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	469.68	38.88
02MOD-0413 For Gate With Single Barb Wire Arm, Add	38.83	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	56.47	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-66.18	
02MOD-0416 For Aluminized Steel Gate And Post, Add	169.42	
02MOD-0417 For Powder Coated Gate And Post, Add	91.77	
02711-0219 EA 12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	548.61	41.65
02MOD-0413 For Gate With Single Barb Wire Arm, Add	46.59	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	67.77	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-79.42	
02MOD-0416 For Aluminized Steel Gate And Post, Add	203.30	
02MOD-0417 For Powder Coated Gate And Post, Add	110.12	
02711-0220 EA 14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	628.83	44.87
02MOD-0413 For Gate With Single Barb Wire Arm, Add	54.36	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	79.06	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-92.65	
02MOD-0416 For Aluminized Steel Gate And Post, Add	237.19	
02MOD-0417 For Powder Coated Gate And Post, Add	128.48	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0221	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	710.64	48.58
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	62.12	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	90.36	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-105.89	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	271.08	
	02MOD-0417	For Powder Coated Gate And Post, Add	146.83	
02711-0222	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	813.46	59.29
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	69.89	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	101.65	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-119.12	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	304.96	
	02MOD-0417	For Powder Coated Gate And Post, Add	165.19	
02711-0223	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	896.78	63.55
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	77.65	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	112.95	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-132.36	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	338.84	
	02MOD-0417	For Powder Coated Gate And Post, Add	183.54	
02711-0224	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	980.32	68.46
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	85.23	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	123.97	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-145.27	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	371.90	
	02MOD-0417	For Powder Coated Gate And Post, Add	201.45	
02711-0225	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,066.32	74.15
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	92.80	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	134.99	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-158.19	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	404.96	
	02MOD-0417	For Powder Coated Gate And Post, Add	219.35	
02711-0226	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,155.44	80.91
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	100.38	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	146.00	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-171.10	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	438.01	
	02MOD-0417	For Powder Coated Gate And Post, Add	237.26	
02711-0227	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,222.78	89.00
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	105.11	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	152.89	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-179.17	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	458.68	
	02MOD-0417	For Powder Coated Gate And Post, Add	248.45	
02711-0228	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,355.77	98.86
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	116.48	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	169.42	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-198.54	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	508.26	
	02MOD-0417	For Powder Coated Gate And Post, Add	275.31	
02711-0229		5' Fence Height <small>(02711-0208)</small>		
02711-0230	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire.....	167.40	19.41
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	11.99	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	17.45	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-20.45	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	52.34	
	02MOD-0417	For Powder Coated Gate And Post, Add	28.35	
02711-0231	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire.....	203.27	19.41
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	15.94	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	23.19	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-27.17	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	69.56	
	02MOD-0417	For Powder Coated Gate And Post, Add	37.68	
02711-0232	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire.....	234.20	20.64
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	18.94	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	27.55	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-32.28	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	82.65	
	02MOD-0417	For Powder Coated Gate And Post, Add	44.77	
02711-0233	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire.....	275.29	24.80
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	22.10	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	32.14	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-37.66	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	96.42	
	02MOD-0417	For Powder Coated Gate And Post, Add	52.23	
02711-0234	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire.....	313.51	28.89
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	24.94	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	36.27	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-42.51	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	108.82	
	02MOD-0417	For Powder Coated Gate And Post, Add	58.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0235 EA 8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	355.34	33.27
02MOD-0413 For Gate With Single Barb Wire Arm, Add	28.09	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	40.86	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-47.89	
02MOD-0416 For Aluminized Steel Gate And Post, Add	122.59	
02MOD-0417 For Powder Coated Gate And Post, Add	66.40	
02711-0236 EA 9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	395.00	37.42
02MOD-0413 For Gate With Single Barb Wire Arm, Add	31.09	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	45.23	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-53.00	
02MOD-0416 For Aluminized Steel Gate And Post, Add	135.68	
02MOD-0417 For Powder Coated Gate And Post, Add	73.49	
02711-0237 EA 10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	434.67	41.50
02MOD-0413 For Gate With Single Barb Wire Arm, Add	34.09	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	49.59	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-58.11	
02MOD-0416 For Aluminized Steel Gate And Post, Add	148.76	
02MOD-0417 For Powder Coated Gate And Post, Add	80.58	
02711-0238 EA 10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	562.39	41.65
02MOD-0413 For Gate With Single Barb Wire Arm, Add	48.11	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	69.97	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-82.00	
02MOD-0416 For Aluminized Steel Gate And Post, Add	209.92	
02MOD-0417 For Powder Coated Gate And Post, Add	113.71	
02711-0239 EA 12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	659.82	44.87
02MOD-0413 For Gate With Single Barb Wire Arm, Add	57.77	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	84.02	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-98.46	
02MOD-0416 For Aluminized Steel Gate And Post, Add	252.07	
02MOD-0417 For Powder Coated Gate And Post, Add	136.54	
02711-0240 EA 14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	758.85	48.58
02MOD-0413 For Gate With Single Barb Wire Arm, Add	67.42	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	98.07	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-114.93	
02MOD-0416 For Aluminized Steel Gate And Post, Add	294.22	
02MOD-0417 For Powder Coated Gate And Post, Add	159.37	
02711-0241 EA 16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	878.89	59.29
02MOD-0413 For Gate With Single Barb Wire Arm, Add	77.08	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	112.12	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.39	
02MOD-0416 For Aluminized Steel Gate And Post, Add	336.36	
02MOD-0417 For Powder Coated Gate And Post, Add	182.20	
02711-0242 EA 18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	977.70	63.55
02MOD-0413 For Gate With Single Barb Wire Arm, Add	86.55	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	125.89	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-147.53	
02MOD-0416 For Aluminized Steel Gate And Post, Add	377.68	
02MOD-0417 For Powder Coated Gate And Post, Add	204.58	
02711-0243 EA 20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,081.91	68.46
02MOD-0413 For Gate With Single Barb Wire Arm, Add	96.40	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	140.22	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-164.32	
02MOD-0416 For Aluminized Steel Gate And Post, Add	420.66	
02MOD-0417 For Powder Coated Gate And Post, Add	227.86	
02711-0244 EA 22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,186.85	74.15
02MOD-0413 For Gate With Single Barb Wire Arm, Add	106.06	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	154.27	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-180.79	
02MOD-0416 For Aluminized Steel Gate And Post, Add	462.81	
02MOD-0417 For Powder Coated Gate And Post, Add	250.69	
02711-0245 EA 24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,293.18	80.91
02MOD-0413 For Gate With Single Barb Wire Arm, Add	115.53	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	168.04	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-196.93	
02MOD-0416 For Aluminized Steel Gate And Post, Add	504.13	
02MOD-0417 For Powder Coated Gate And Post, Add	273.07	
02711-0246 EA 26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,407.01	89.00
02MOD-0413 For Gate With Single Barb Wire Arm, Add	125.38	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	182.37	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-213.71	
02MOD-0416 For Aluminized Steel Gate And Post, Add	547.11	
02MOD-0417 For Powder Coated Gate And Post, Add	296.35	
02711-0247 EA 28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,523.42	98.86
02MOD-0413 For Gate With Single Barb Wire Arm, Add	134.92	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	196.24	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-229.97	
02MOD-0416 For Aluminized Steel Gate And Post, Add	588.73	
02MOD-0417 For Powder Coated Gate And Post, Add	318.90	
02711-0248 EA 30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,645.97	111.22
02MOD-0413 For Gate With Single Barb Wire Arm, Add	144.32	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	209.92	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-246.00	
02MOD-0416 For Aluminized Steel Gate And Post, Add	629.75	
02MOD-0417 For Powder Coated Gate And Post, Add	341.11	

02000 Site Construction

02700 Site Improvements

02711 Chain Link Fences



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0249		6' Fence Height <small>(02711-0208)</small>		
02711-0250	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	179.47	20.79
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	12.86	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	18.71	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-21.93	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	56.13	
	02MOD-0417	For Powder Coated Gate And Post, Add	30.40	
02711-0251	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	218.21	20.79
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	17.12	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	24.91	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-29.19	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	74.73	
	02MOD-0417	For Powder Coated Gate And Post, Add	40.48	
02711-0252	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	251.70	22.11
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	20.38	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	29.65	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-34.74	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	88.94	
	02MOD-0417	For Powder Coated Gate And Post, Add	48.18	
02711-0253	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	294.04	26.70
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	23.52	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	34.21	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-40.09	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	102.62	
	02MOD-0417	For Powder Coated Gate And Post, Add	55.59	
02711-0254	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	338.03	31.37
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	26.83	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	39.03	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-45.74	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	117.08	
	02MOD-0417	For Powder Coated Gate And Post, Add	63.42	
02711-0255	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	379.84	35.74
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	29.99	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	43.62	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-51.11	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	130.85	
	02MOD-0417	For Powder Coated Gate And Post, Add	70.88	
02711-0256	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	422.41	40.34
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	33.14	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	48.21	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-56.50	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	144.63	
	02MOD-0417	For Powder Coated Gate And Post, Add	78.34	
02711-0257	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire.....	452.04	44.93
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	34.88	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	50.73	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-59.45	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	152.20	
	02MOD-0417	For Powder Coated Gate And Post, Add	82.44	
02711-0258	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	601.28	44.87
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	51.33	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	74.66	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-87.49	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	223.97	
	02MOD-0417	For Powder Coated Gate And Post, Add	121.32	
02711-0259	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	705.47	48.58
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	61.55	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	89.53	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-104.92	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	268.59	
	02MOD-0417	For Powder Coated Gate And Post, Add	145.49	
02711-0260	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	845.13	63.55
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	71.97	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	104.68	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-122.68	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	314.05	
	02MOD-0417	For Powder Coated Gate And Post, Add	170.11	
02711-0261	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	952.77	68.46
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	82.20	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	119.56	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-140.11	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	358.68	
	02MOD-0417	For Powder Coated Gate And Post, Add	194.28	
02711-0262	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	1,064.60	74.15
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	92.61	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	134.71	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-157.86	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	404.13	
	02MOD-0417	For Powder Coated Gate And Post, Add	218.90	
02711-0263	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire.....	1,179.55	80.91
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	103.03	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	149.86	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-175.62	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	449.59	
	02MOD-0417	For Powder Coated Gate And Post, Add	243.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0264 EA 22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,296.81	89.00
02MOD-0413 For Gate With Single Barb Wire Arm, Add	113.26	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	164.74	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-193.05	
02MOD-0416 For Aluminized Steel Gate And Post, Add	494.21	
02MOD-0417 For Powder Coated Gate And Post, Add	267.70	
02711-0265 EA 24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,420.34	98.86
02MOD-0413 For Gate With Single Barb Wire Arm, Add	123.58	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	179.75	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-210.65	
02MOD-0416 For Aluminized Steel Gate And Post, Add	539.26	
02MOD-0417 For Powder Coated Gate And Post, Add	292.10	
02711-0266 EA 26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,550.24	111.22
02MOD-0413 For Gate With Single Barb Wire Arm, Add	133.79	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	194.60	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-228.05	
02MOD-0416 For Aluminized Steel Gate And Post, Add	583.80	
02MOD-0417 For Powder Coated Gate And Post, Add	316.23	
02711-0267 EA 28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,691.97	127.08
02MOD-0413 For Gate With Single Barb Wire Arm, Add	144.13	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	209.64	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-245.67	
02MOD-0416 For Aluminized Steel Gate And Post, Add	628.92	
02MOD-0417 For Powder Coated Gate And Post, Add	340.67	
02711-0268 EA 30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,849.76	148.29
02MOD-0413 For Gate With Single Barb Wire Arm, Add	154.49	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	224.71	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-263.33	
02MOD-0416 For Aluminized Steel Gate And Post, Add	674.13	
02MOD-0417 For Powder Coated Gate And Post, Add	365.15	
02711-0269 7' Fence Height <small>(02711-0208)</small>		
02711-0270 EA 3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	189.30	22.39
02MOD-0413 For Gate With Single Barb Wire Arm, Add	13.42	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	19.51	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-22.87	
02MOD-0416 For Aluminized Steel Gate And Post, Add	58.54	
02MOD-0417 For Powder Coated Gate And Post, Add	31.71	
02711-0271 EA 4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	229.47	22.39
02MOD-0413 For Gate With Single Barb Wire Arm, Add	17.83	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	25.94	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-30.40	
02MOD-0416 For Aluminized Steel Gate And Post, Add	77.82	
02MOD-0417 For Powder Coated Gate And Post, Add	42.15	
02711-0272 EA 5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	265.43	23.56
02MOD-0413 For Gate With Single Barb Wire Arm, Add	21.41	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	31.15	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-36.50	
02MOD-0416 For Aluminized Steel Gate And Post, Add	93.44	
02MOD-0417 For Powder Coated Gate And Post, Add	50.61	
02711-0273 EA 6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	324.95	28.67
02MOD-0413 For Gate With Single Barb Wire Arm, Add	26.28	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	38.22	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-44.79	
02MOD-0416 For Aluminized Steel Gate And Post, Add	114.66	
02MOD-0417 For Powder Coated Gate And Post, Add	62.11	
02711-0274 EA 7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	383.73	33.56
02MOD-0413 For Gate With Single Barb Wire Arm, Add	31.14	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	45.29	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-53.08	
02MOD-0416 For Aluminized Steel Gate And Post, Add	135.87	
02MOD-0417 For Powder Coated Gate And Post, Add	73.60	
02711-0275 EA 8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	443.25	38.59
02MOD-0413 For Gate With Single Barb Wire Arm, Add	36.00	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	52.36	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-61.36	
02MOD-0416 For Aluminized Steel Gate And Post, Add	157.08	
02MOD-0417 For Powder Coated Gate And Post, Add	85.09	
02711-0276 EA 9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	502.05	43.48
02MOD-0413 For Gate With Single Barb Wire Arm, Add	40.86	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	59.44	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-69.65	
02MOD-0416 For Aluminized Steel Gate And Post, Add	178.31	
02MOD-0417 For Powder Coated Gate And Post, Add	96.58	
02711-0277 EA 10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	553.60	48.58
02MOD-0413 For Gate With Single Barb Wire Arm, Add	44.85	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	65.23	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-76.44	
02MOD-0416 For Aluminized Steel Gate And Post, Add	195.70	
02MOD-0417 For Powder Coated Gate And Post, Add	106.00	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0278	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	681.06	48.58
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	58.87	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	85.63	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-100.34	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	256.88	
	02MOD-0417	For Powder Coated Gate And Post, Add	139.14	
02711-0279	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	785.91	63.55
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	65.46	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	95.21	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-111.57	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	285.62	
	02MOD-0417	For Powder Coated Gate And Post, Add	154.71	
02711-0280	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	899.76	68.46
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	76.37	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	111.08	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-130.17	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	333.23	
	02MOD-0417	For Powder Coated Gate And Post, Add	180.50	
02711-0281	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,007.78	74.15
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	86.36	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	125.62	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-147.21	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	376.86	
	02MOD-0417	For Powder Coated Gate And Post, Add	204.13	
02711-0282	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,127.89	80.91
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	97.35	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	141.60	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-165.93	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	424.79	
	02MOD-0417	For Powder Coated Gate And Post, Add	230.09	
02711-0283	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,250.32	89.00
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	108.14	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	157.30	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-184.34	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	471.90	
	02MOD-0417	For Powder Coated Gate And Post, Add	255.61	
02711-0284	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,378.16	98.86
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	118.94	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	173.00	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-202.74	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	519.01	
	02MOD-0417	For Powder Coated Gate And Post, Add	281.13	
02711-0285	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,513.40	111.22
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	129.74	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	188.71	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-221.14	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	566.12	
	02MOD-0417	For Powder Coated Gate And Post, Add	306.65	
02711-0286	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,659.26	127.08
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	140.53	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	204.41	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-239.54	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	613.22	
	02MOD-0417	For Powder Coated Gate And Post, Add	332.16	
02711-0287	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,821.01	148.29
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	151.33	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	220.11	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-257.94	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	660.33	
	02MOD-0417	For Powder Coated Gate And Post, Add	357.68	
02711-0288	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,008.22	177.93
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	162.12	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	235.81	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-276.34	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	707.44	
	02MOD-0417	For Powder Coated Gate And Post, Add	383.20	
02711-0289		8' Fence Height (02711-0208)		
02711-0290	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	218.60	24.29
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	16.02	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	23.30	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-27.31	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	69.91	
	02MOD-0417	For Powder Coated Gate And Post, Add	37.87	
02711-0291	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	267.16	24.29
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	21.36	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	31.07	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-36.41	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	93.22	
	02MOD-0417	For Powder Coated Gate And Post, Add	50.49	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0292 EA 5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	309.76	27.06
02MOD-0413 For Gate With Single Barb Wire Arm, Add	25.13	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	36.55	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-42.83	
02MOD-0416 For Aluminized Steel Gate And Post, Add	109.64	
02MOD-0417 For Powder Coated Gate And Post, Add	59.39	
02711-0293 EA 6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	354.52	30.64
02MOD-0413 For Gate With Single Barb Wire Arm, Add	28.89	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	42.02	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-49.24	
02MOD-0416 For Aluminized Steel Gate And Post, Add	126.05	
02MOD-0417 For Powder Coated Gate And Post, Add	68.28	
02711-0294 EA 7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	407.71	36.91
02MOD-0413 For Gate With Single Barb Wire Arm, Add	32.65	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	47.49	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-55.65	
02MOD-0416 For Aluminized Steel Gate And Post, Add	142.47	
02MOD-0417 For Powder Coated Gate And Post, Add	77.17	
02711-0295 EA 8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	460.14	42.97
02MOD-0413 For Gate With Single Barb Wire Arm, Add	36.41	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	52.96	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-62.07	
02MOD-0416 For Aluminized Steel Gate And Post, Add	158.89	
02MOD-0417 For Powder Coated Gate And Post, Add	86.07	
02711-0296 EA 9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	513.33	49.32
02MOD-0413 For Gate With Single Barb Wire Arm, Add	40.18	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	58.44	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-68.48	
02MOD-0416 For Aluminized Steel Gate And Post, Add	175.31	
02MOD-0417 For Powder Coated Gate And Post, Add	94.96	
02711-0297 EA 10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	566.48	55.66
02MOD-0413 For Gate With Single Barb Wire Arm, Add	43.94	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	63.91	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-74.89	
02MOD-0416 For Aluminized Steel Gate And Post, Add	191.73	
02MOD-0417 For Powder Coated Gate And Post, Add	103.85	
02711-0298 EA 10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	790.02	63.55
02MOD-0413 For Gate With Single Barb Wire Arm, Add	65.91	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	95.87	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-112.34	
02MOD-0416 For Aluminized Steel Gate And Post, Add	287.60	
02MOD-0417 For Powder Coated Gate And Post, Add	155.78	
02711-0299 EA 12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	920.06	68.46
02MOD-0413 For Gate With Single Barb Wire Arm, Add	78.60	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	114.32	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-133.97	
02MOD-0416 For Aluminized Steel Gate And Post, Add	342.97	
02MOD-0417 For Powder Coated Gate And Post, Add	185.78	
02711-0300 EA 14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,054.27	74.15
02MOD-0413 For Gate With Single Barb Wire Arm, Add	91.48	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	133.06	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-155.93	
02MOD-0416 For Aluminized Steel Gate And Post, Add	399.17	
02MOD-0417 For Powder Coated Gate And Post, Add	216.22	
02711-0301 EA 16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,195.04	80.91
02MOD-0413 For Gate With Single Barb Wire Arm, Add	104.73	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	152.34	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-178.52	
02MOD-0416 For Aluminized Steel Gate And Post, Add	457.02	
02MOD-0417 For Powder Coated Gate And Post, Add	247.55	
02711-0302 EA 18' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,339.86	89.00
02MOD-0413 For Gate With Single Barb Wire Arm, Add	117.99	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	171.63	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-201.12	
02MOD-0416 For Aluminized Steel Gate And Post, Add	514.88	
02MOD-0417 For Powder Coated Gate And Post, Add	278.89	
02711-0303 EA 20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,488.35	98.86
02MOD-0413 For Gate With Single Barb Wire Arm, Add	131.06	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	190.63	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-223.40	
02MOD-0416 For Aluminized Steel Gate And Post, Add	571.90	
02MOD-0417 For Powder Coated Gate And Post, Add	309.78	
02711-0304 EA 22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,642.53	111.22
02MOD-0413 For Gate With Single Barb Wire Arm, Add	143.94	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	209.37	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-245.35	
02MOD-0416 For Aluminized Steel Gate And Post, Add	628.10	
02MOD-0417 For Powder Coated Gate And Post, Add	340.22	
02711-0305 EA 24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,810.77	127.08
02MOD-0413 For Gate With Single Barb Wire Arm, Add	157.20	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	228.65	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-267.95	
02MOD-0416 For Aluminized Steel Gate And Post, Add	685.95	
02MOD-0417 For Powder Coated Gate And Post, Add	371.56	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0306	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,994.90	148.29
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	170.45	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	247.93	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-290.55	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	743.80	
	02MOD-0417	For Powder Coated Gate And Post, Add	402.89	
02711-0307	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,202.78	177.93
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	183.52	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	266.94	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-312.82	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	800.83	
	02MOD-0417	For Powder Coated Gate And Post, Add	433.78	
02711-0308	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,455.18	222.44
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	196.59	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	285.95	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-335.10	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	857.85	
	02MOD-0417	For Powder Coated Gate And Post, Add	464.67	
02711-0309		10' Fence Height (02711-0208)		
02711-0310	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	269.40	26.99
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	20.72	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	30.14	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-35.32	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	90.41	
	02MOD-0417	For Powder Coated Gate And Post, Add	48.97	
02711-0311	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	332.18	26.99
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	27.62	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	40.18	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-47.09	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	120.54	
	02MOD-0417	For Powder Coated Gate And Post, Add	65.29	
02711-0312	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	379.99	28.15
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	32.49	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	47.26	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-55.38	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	141.78	
	02MOD-0417	For Powder Coated Gate And Post, Add	76.80	
02711-0313	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	444.65	35.02
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	37.36	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	54.34	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-63.68	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	163.01	
	02MOD-0417	For Powder Coated Gate And Post, Add	88.30	
02711-0314	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	508.88	41.50
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	42.22	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	61.41	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.97	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	184.23	
	02MOD-0417	For Powder Coated Gate And Post, Add	99.79	
02711-0315	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	573.22	48.37
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	47.09	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	68.49	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-80.26	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	205.47	
	02MOD-0417	For Powder Coated Gate And Post, Add	111.30	
02711-0316	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	637.14	54.93
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	51.95	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	75.57	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-88.55	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	226.70	
	02MOD-0417	For Powder Coated Gate And Post, Add	122.80	
02711-0317	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire.....	701.82	61.72
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	56.82	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	82.64	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-96.85	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	247.93	
	02MOD-0417	For Powder Coated Gate And Post, Add	134.30	
02711-0318	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	986.85	70.64
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	85.23	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	123.97	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-145.27	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	371.90	
	02MOD-0417	For Powder Coated Gate And Post, Add	201.45	
02711-0319	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,071.97	75.99
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	92.80	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	134.99	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-158.19	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	404.96	
	02MOD-0417	For Powder Coated Gate And Post, Add	219.35	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0320 EA 14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,215.04	82.41
02MOD-0413 For Gate With Single Barb Wire Arm, Add	106.44	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	154.82	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-181.43	
02MOD-0416 For Aluminized Steel Gate And Post, Add	464.46	
02MOD-0417 For Powder Coated Gate And Post, Add	251.58	
02711-0321 EA 16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,375.16	89.84
02MOD-0413 For Gate With Single Barb Wire Arm, Add	121.59	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	176.86	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-207.26	
02MOD-0416 For Aluminized Steel Gate And Post, Add	530.58	
02MOD-0417 For Powder Coated Gate And Post, Add	287.40	
02711-0322 EA 18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,540.00	98.86
02MOD-0413 For Gate With Single Barb Wire Arm, Add	136.74	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	198.90	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-233.08	
02MOD-0416 For Aluminized Steel Gate And Post, Add	596.69	
02MOD-0417 For Powder Coated Gate And Post, Add	323.21	
02711-0323 EA 20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,711.42	109.80
02MOD-0413 For Gate With Single Barb Wire Arm, Add	151.99	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	221.07	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-259.07	
02MOD-0416 For Aluminized Steel Gate And Post, Add	663.22	
02MOD-0417 For Powder Coated Gate And Post, Add	359.24	
02711-0324 EA 22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,891.42	123.58
02MOD-0413 For Gate With Single Barb Wire Arm, Add	167.23	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	243.25	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-285.06	
02MOD-0416 For Aluminized Steel Gate And Post, Add	729.75	
02MOD-0417 For Powder Coated Gate And Post, Add	395.28	
02711-0325 EA 24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,081.91	141.11
02MOD-0413 For Gate With Single Barb Wire Arm, Add	182.39	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	265.29	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-310.88	
02MOD-0416 For Aluminized Steel Gate And Post, Add	795.86	
02MOD-0417 For Powder Coated Gate And Post, Add	431.09	
02711-0326 EA 26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,290.60	164.74
02MOD-0413 For Gate With Single Barb Wire Arm, Add	197.54	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	287.33	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-336.71	
02MOD-0416 For Aluminized Steel Gate And Post, Add	861.98	
02MOD-0417 For Powder Coated Gate And Post, Add	466.91	
02711-0327 EA 28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,526.79	197.56
02MOD-0413 For Gate With Single Barb Wire Arm, Add	212.69	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	309.37	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-362.54	
02MOD-0416 For Aluminized Steel Gate And Post, Add	928.10	
02MOD-0417 For Powder Coated Gate And Post, Add	502.72	
02711-0328 EA 30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,815.21	247.16
02MOD-0413 For Gate With Single Barb Wire Arm, Add	228.03	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	331.68	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-388.69	
02MOD-0416 For Aluminized Steel Gate And Post, Add	995.04	
02MOD-0417 For Powder Coated Gate And Post, Add	538.98	
02711-0329 12' Fence Height (02711-0208)		
02711-0330 EA 3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	331.15	29.98
02MOD-0413 For Gate With Single Barb Wire Arm, Add	26.52	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	38.57	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-45.20	
02MOD-0416 For Aluminized Steel Gate And Post, Add	115.72	
02MOD-0417 For Powder Coated Gate And Post, Add	62.68	
02711-0331 EA 4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	411.51	29.98
02MOD-0413 For Gate With Single Barb Wire Arm, Add	35.36	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	51.43	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-60.27	
02MOD-0416 For Aluminized Steel Gate And Post, Add	154.30	
02MOD-0417 For Powder Coated Gate And Post, Add	83.58	
02711-0332 EA 5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	471.45	31.07
02MOD-0413 For Gate With Single Barb Wire Arm, Add	41.59	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	60.49	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-70.89	
02MOD-0416 For Aluminized Steel Gate And Post, Add	181.47	
02MOD-0417 For Powder Coated Gate And Post, Add	98.30	
02711-0333 EA 6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	550.68	38.59
02MOD-0413 For Gate With Single Barb Wire Arm, Add	47.82	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	69.55	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-81.50	
02MOD-0416 For Aluminized Steel Gate And Post, Add	208.65	
02MOD-0417 For Powder Coated Gate And Post, Add	113.02	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0334	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	629.90	46.17
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	54.04	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	78.61	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-92.12	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	235.82	
	02MOD-0417	For Powder Coated Gate And Post, Add	127.74	
02711-0335	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	708.40	53.48
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	60.27	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	87.67	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-102.73	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	263.00	
	02MOD-0417	For Powder Coated Gate And Post, Add	142.46	
02711-0336	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	787.63	60.99
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	66.50	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	96.72	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-113.35	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	290.17	
	02MOD-0417	For Powder Coated Gate And Post, Add	157.18	
02711-0337	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	866.86	68.50
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	72.73	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	105.78	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-123.96	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	317.35	
	02MOD-0417	For Powder Coated Gate And Post, Add	171.90	
02711-0338	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,156.76	78.49
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	101.33	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	147.38	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-172.71	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	442.15	
	02MOD-0417	For Powder Coated Gate And Post, Add	239.50	
02711-0339	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,265.99	84.50
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	111.36	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	161.98	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-189.82	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	485.95	
	02MOD-0417	For Powder Coated Gate And Post, Add	263.22	
02711-0340	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,435.36	91.51
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	127.65	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	185.68	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-217.59	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	557.03	
	02MOD-0417	For Powder Coated Gate And Post, Add	301.72	
02711-0341	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,625.58	99.79
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	145.83	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	212.12	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-248.58	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	636.36	
	02MOD-0417	For Powder Coated Gate And Post, Add	344.70	
02711-0342	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,820.75	109.89
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	164.01	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	238.57	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-279.57	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	715.70	
	02MOD-0417	For Powder Coated Gate And Post, Add	387.67	
02711-0343	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,024.28	121.99
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	182.39	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	265.29	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-310.88	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	795.86	
	02MOD-0417	For Powder Coated Gate And Post, Add	431.09	
02711-0344	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,235.68	137.27
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	200.57	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	291.73	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-341.88	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	875.20	
	02MOD-0417	For Powder Coated Gate And Post, Add	474.07	
02711-0345	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,461.29	156.81
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	218.94	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	318.46	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-373.19	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	955.37	
	02MOD-0417	For Powder Coated Gate And Post, Add	517.49	
02711-0346	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,703.70	183.11
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	236.93	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	344.63	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-403.86	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	1,033.88	
	02MOD-0417	For Powder Coated Gate And Post, Add	560.02	
02711-0347	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,978.37	219.52
	02MOD-0413	For Gate With Single Barb Wire Arm, Add	255.11	
	02MOD-0414	For Gate With Double Barb Wire Arm, Add	371.07	
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-434.85	
	02MOD-0416	For Aluminized Steel Gate And Post, Add	1,113.22	
	02MOD-0417	For Powder Coated Gate And Post, Add	602.99	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0348 EA 30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,310.90	274.63
02MOD-0413 For Gate With Single Barb Wire Arm, Add	273.48	
02MOD-0414 For Gate With Double Barb Wire Arm, Add	397.80	
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-466.17	
02MOD-0416 For Aluminized Steel Gate And Post, Add	1,193.39	
02MOD-0417 For Powder Coated Gate And Post, Add	646.42	
02711-0349 Vinyl Coated Without Barb Wire Arm <small>(02711-0207)</small>		
Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
02711-0350 4' Fence Height <small>(02711-0349)</small>		
02711-0351 EA 3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	169.61	18.24
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-21.54	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	12.64	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	18.38	
02711-0352 EA 4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	207.91	18.24
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-28.72	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	16.85	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	24.51	
02711-0353 EA 5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	243.46	19.41
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-34.71	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	20.36	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	29.62	
02711-0354 EA 6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	287.04	23.35
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-40.69	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	23.87	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	34.72	
02711-0355 EA 7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	330.62	27.21
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-46.67	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	27.38	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	39.83	
02711-0356 EA 8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	374.23	31.07
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-52.66	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	30.89	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	44.94	
02711-0357 EA 9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	417.81	35.02
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-58.64	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	34.40	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	50.04	
02711-0358 EA 10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	461.39	38.88
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-64.63	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	37.91	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	55.15	
02711-0359 EA 10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	576.28	38.88
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-86.17	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	50.55	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	73.53	
02711-0360 EA 12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	676.53	41.65
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-103.40	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	60.66	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	88.24	
02711-0361 EA 14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	778.06	44.87
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-120.63	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	70.77	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	102.94	
02711-0362 EA 16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	881.20	48.58
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-137.87	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	80.88	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	117.65	
02711-0363 EA 18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,005.34	59.29
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-155.10	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	90.99	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	132.35	
02711-0364 EA 20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,109.98	63.55
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-172.34	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	101.10	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	147.06	
02711-0365 EA 22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,216.56	68.46
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-189.57	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	111.21	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	161.76	
02711-0366 EA 24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,325.60	74.15
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-206.80	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	121.32	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	176.47	
02711-0367 EA 26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,437.77	80.91
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-224.04	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	131.43	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	191.18	

02000 Site Construction

02700 Site Improvements

02711 Chain Link Fences



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0368	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,553.97	89.00
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-241.27	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	141.54	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	205.88	
02711-0369	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,675.57	98.86
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-258.50	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	151.65	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	220.59	
02711-0370		5' Fence Height (02711-0349)		
02711-0371	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	200.72	19.41
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-26.69	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	15.66	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	22.78	
02711-0372	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	248.18	19.41
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-35.59	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	20.88	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	30.37	
02711-0373	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	287.43	20.64
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-42.27	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	24.80	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	36.07	
02711-0374	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	335.41	24.80
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-48.94	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	28.71	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	41.76	
02711-0375	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	383.41	28.89
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-55.61	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	32.63	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	47.46	
02711-0376	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	432.13	33.27
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-62.28	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	36.54	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	53.15	
02711-0377	EA	9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	480.12	37.42
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-68.96	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	40.46	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	58.84	
02711-0378	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	528.12	41.50
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-75.63	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	44.37	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	64.54	
02711-0379	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	694.52	41.65
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-106.77	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	62.64	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	91.11	
02711-0380	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	818.03	44.87
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-128.13	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	75.17	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	109.34	
02711-0381	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	943.14	48.58
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-149.48	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	87.70	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	127.56	
02711-0382	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,089.26	59.29
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-170.84	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	100.22	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	145.78	
02711-0383	EA	18' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,215.88	63.55
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-192.19	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	112.75	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	164.00	
02711-0384	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,344.44	68.46
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-213.55	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	125.28	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	182.23	
02711-0385	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,475.46	74.15
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-234.90	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	137.81	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	200.45	
02711-0386	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,609.61	80.91
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-256.26	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	150.34	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	218.67	
02711-0387	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,747.79	89.00
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-277.61	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	162.86	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	236.89	
02711-0388	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,891.37	98.86
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-298.97	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	175.39	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	255.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0389 EA 30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,042.36	111.22
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-320.32	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	187.92	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	273.34	
02711-0390 6' Fence Height (02711-0349)		
02711-0391 EA 3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	214.68	20.79
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-28.53	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	16.74	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	24.34	
02711-0392 EA 4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	265.39	20.79
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-38.04	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	22.31	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	32.46	
02711-0393 EA 5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	307.28	22.11
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-45.17	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	26.50	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	38.54	
02711-0394 EA 6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	359.19	26.70
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-52.30	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	30.68	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	44.63	
02711-0395 EA 7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	411.09	31.37
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-59.43	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	34.87	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	50.72	
02711-0396 EA 8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	462.24	35.74
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-66.56	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	39.05	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	56.80	
02711-0397 EA 9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	514.15	40.34
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-73.70	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	43.24	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	62.89	
02711-0398 EA 10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	566.05	44.93
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-80.83	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	47.42	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	68.97	
02711-0399 EA 10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	743.27	44.87
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-114.11	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	66.94	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	97.37	
02711-0400 EA 12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	876.20	48.58
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-136.93	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	80.33	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	116.85	
02711-0401 EA 14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,042.88	63.55
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-159.75	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	93.72	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	136.32	
02711-0402 EA 16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,179.27	68.46
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-182.58	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	107.11	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	155.80	
02711-0403 EA 18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,318.12	74.15
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-205.40	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	120.50	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	175.27	
02711-0404 EA 20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,482.58	80.91
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-232.44	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	136.36	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	198.35	
02711-0405 EA 22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,610.17	89.00
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-251.81	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	147.73	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	214.88	
02711-0406 EA 24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,757.50	98.86
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-273.86	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	160.67	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	233.70	
02711-0407 EA 26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,916.32	111.22
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-296.69	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	174.06	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	253.17	
02711-0408 EA 28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,085.75	127.08
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-319.51	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	187.44	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	272.65	
02711-0409 EA 30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,271.08	148.29
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-342.33	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	200.83	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	292.12	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0410		7' Fence Height (02711-0349)		
02711-0411	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	227.14	22.39
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-29.96	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	17.58	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	25.57	
02711-0412	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	280.42	22.39
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-39.95	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	23.44	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	34.09	
02711-0413	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	323.80	23.56
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-47.45	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	27.83	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	40.49	
02711-0414	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	379.07	28.67
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-54.94	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	32.23	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	46.88	
02711-0415	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	433.61	33.56
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-62.43	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	36.62	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	53.27	
02711-0416	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	488.89	38.59
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-69.92	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	41.02	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	59.66	
02711-0417	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	543.43	43.48
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.41	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	45.41	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	66.06	
02711-0418	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	598.71	48.58
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-84.90	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	49.81	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	72.45	
02711-0419	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	785.15	48.58
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-119.86	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	70.32	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	102.28	
02711-0420	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	957.94	63.55
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-143.83	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	84.38	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	122.73	
02711-0421	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,100.47	68.46
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-167.80	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	98.44	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	143.19	
02711-0422	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,245.43	74.15
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-191.77	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	112.50	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	163.64	
02711-0423	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,393.54	80.91
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-215.74	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	126.57	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	184.10	
02711-0424	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,545.66	89.00
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-239.71	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	140.63	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	204.55	
02711-0425	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,703.18	98.86
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-263.68	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	154.69	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	225.01	
02711-0426	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,868.14	111.22
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-287.65	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	168.76	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	245.46	
02711-0427	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,043.73	127.08
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-311.63	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	182.82	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	265.92	
02711-0428	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,235.17	148.29
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-335.60	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	196.88	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	286.38	
02711-0429	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,452.10	177.93
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-359.57	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	210.95	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	306.83	
02711-0430		8' Fence Height (02711-0349)		
02711-0431	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	266.65	24.29
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-36.32	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	21.31	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	30.99	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0432 EA 4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	331.21	24.29
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-48.42	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	28.41	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	41.32	
02711-0433 EA 5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	374.26	24.29
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-56.50	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	33.14	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	48.21	
02711-0434 EA 6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	436.26	30.64
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-64.57	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	37.88	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	55.10	
02711-0435 EA 7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	498.29	36.91
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-72.64	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	42.61	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	61.98	
02711-0436 EA 8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	559.56	42.97
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-80.71	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	47.35	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	68.87	
02711-0437 EA 9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	621.58	49.32
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-88.78	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	52.08	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	75.76	
02711-0438 EA 10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	683.58	55.66
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-96.85	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	56.82	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	82.64	
02711-0439 EA 10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	965.64	63.55
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-145.27	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	85.23	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	123.96	
02711-0440 EA 12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,135.27	68.46
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-174.33	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	102.27	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	148.76	
02711-0441 EA 14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,307.36	74.15
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-203.38	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	119.32	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	173.55	
02711-0442 EA 16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,482.56	80.91
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-232.43	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	136.36	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	198.34	
02711-0443 EA 18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,661.81	89.00
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-261.49	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	153.41	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	223.14	
02711-0444 EA 20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,846.45	98.86
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-290.54	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	170.45	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	247.93	
02711-0445 EA 22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,038.51	111.22
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-319.60	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	187.50	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	272.72	
02711-0446 EA 24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,241.19	127.08
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-348.65	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	204.54	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	297.52	
02711-0447 EA 26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,459.75	148.29
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-377.71	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	221.59	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	322.31	
02711-0448 EA 28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,703.78	177.93
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-406.76	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	238.63	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	347.10	
02711-0449 EA 30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,992.34	222.44
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-435.82	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	255.68	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	371.90	
02711-0450 10' Fence Height (02711-0349)		
02711-0451 EA 3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	305.74	26.99
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-42.13	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	24.72	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	35.95	
02711-0452 EA 4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	380.64	26.99
02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-56.17	
02MOD-0418 For Gate With Single Barb Wire Arm, Add	32.95	
02MOD-0419 For Gate With Double Barb Wire Arm, Add	47.93	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0453	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm.....	434.15	28.15
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-65.54	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	38.45	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	55.92	
02711-0454	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	504.51	35.02
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-74.90	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	43.94	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	63.91	
02711-0455	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	574.14	41.50
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-84.26	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	49.43	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	71.90	
02711-0456	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	644.50	48.37
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-93.63	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	54.93	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	79.89	
02711-0457	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	714.12	54.93
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-102.99	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	60.42	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	87.88	
02711-0458	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	784.49	61.72
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-112.35	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	65.91	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	95.87	
02711-0459	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,110.85	70.64
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-168.52	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	98.87	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	143.81	
02711-0460	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,306.84	75.99
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-202.23	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	118.64	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	172.57	
02711-0461	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,505.71	82.41
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-235.93	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	138.41	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	201.33	
02711-0462	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,707.85	89.84
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-269.64	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	158.19	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	230.09	
02711-0463	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,914.71	98.86
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-303.34	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	177.96	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	258.85	
02711-0464	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,127.28	109.80
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-337.04	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	197.73	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	287.61	
02711-0465	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,348.44	123.58
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-370.75	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	217.51	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	316.37	
02711-0466	EA	24' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,580.95	141.11
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-404.45	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	237.28	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	345.13	
02711-0467	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,831.64	164.74
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-438.16	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	257.05	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	373.89	
02711-0468	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,109.85	197.56
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-471.86	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	276.83	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	402.66	
02711-0469	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,438.57	247.16
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-505.57	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	296.60	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	431.42	
02711-0470		12' Fence Height <small>(02711-0349)</small>		
02711-0471	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	403.42	29.98
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-58.76	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	34.47	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	50.14	
02711-0472	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	507.59	29.98
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-78.29	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	45.93	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	66.80	
02711-0473	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	588.39	31.07
	02MOD-0415	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-92.81	
	02MOD-0418	For Gate With Single Barb Wire Arm, Add	54.45	
	02MOD-0419	For Gate With Double Barb Wire Arm, Add	79.20	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0474	EA 6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	675.56	38.59
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-104.92	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	61.55	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	89.53	
02711-0475	EA 7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	769.92	46.17
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-118.37	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	69.44	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	101.01	
02711-0476	EA 8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	863.54	53.48
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.82	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	77.34	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	112.49	
02711-0477	EA 9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	957.90	60.99
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-145.27	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	85.23	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	123.97	
02711-0478	EA 10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,045.08	68.50
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-157.38	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	92.33	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	134.30	
02711-0479	EA 10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,494.15	78.49
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-235.99	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	138.45	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	201.38	
02711-0480	EA 12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,804.91	84.50
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-290.87	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	170.64	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	248.21	
02711-0481	EA 14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,086.18	91.51
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-339.62	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	199.24	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	269.81	
02711-0482	EA 16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,369.38	99.79
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-388.04	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	227.65	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	331.13	
02711-0483	EA 18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,654.25	109.89
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-435.82	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	255.68	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	371.90	
02711-0484	EA 20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,948.87	121.99
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-484.25	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	284.09	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	413.22	
02711-0485	EA 22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,253.24	137.27
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-532.67	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	312.50	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	454.54	
02711-0486	EA 24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,570.11	156.81
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-581.09	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	340.91	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	495.87	
02711-0487	EA 26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,915.82	183.11
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-631.13	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	370.26	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	538.57	
02711-0488	EA 28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	4,283.46	219.52
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-679.56	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	398.67	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	579.89	
02711-0489	EA 30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	4,707.25	274.63
	02MOD-0415 For 1-5/8" Schedule 40 Pipe Frame, Deduct	-727.98	
	02MOD-0418 For Gate With Single Barb Wire Arm, Add	427.08	
	02MOD-0419 For Gate With Double Barb Wire Arm, Add	621.21	
02711-0490	Sliding Gate (02711-0207) Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
02711-0491	4' High Sliding Gate (02711-0490)		
02711-0492	EA 10' Long x 4' High Sliding Gate.....	1,473.98	271.04
	02MOD-0420 For Gate With Barb Wire Arm, Add	102.51	
	02MOD-0421 For Vinyl Coated, Add	279.56	
02711-0493	EA 12' Long x 4' High Sliding Gate.....	1,772.63	327.24
	02MOD-0420 For Gate With Barb Wire Arm, Add	123.01	
	02MOD-0421 For Vinyl Coated, Add	335.48	
02711-0494	EA 14' Long x 4' High Sliding Gate.....	2,068.22	381.76
	02MOD-0420 For Gate With Barb Wire Arm, Add	143.51	
	02MOD-0421 For Vinyl Coated, Add	391.39	
02711-0495	EA 16' Long x 4' High Sliding Gate.....	2,368.55	438.78
	02MOD-0420 For Gate With Barb Wire Arm, Add	164.01	
	02MOD-0421 For Vinyl Coated, Add	447.30	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0496	EA	18' Long x 4' High Sliding Gate.....	2,664.66	493.65
	02MOD-0420	For Gate With Barb Wire Arm, Add	184.51	
	02MOD-0421	For Vinyl Coated, Add	503.21	
02711-0497	EA	20' Long x 4' High Sliding Gate.....	2,950.63	543.41
	02MOD-0420	For Gate With Barb Wire Arm, Add	205.01	
	02MOD-0421	For Vinyl Coated, Add	559.13	
02711-0498	EA	24' Long x 4' High Sliding Gate.....	3,528.86	654.38
	02MOD-0420	For Gate With Barb Wire Arm, Add	244.21	
	02MOD-0421	For Vinyl Coated, Add	666.03	
02711-0499	EA	30' Long x 4' High Sliding Gate.....	5,266.01	1,235.20
	02MOD-0420	For Gate With Barb Wire Arm, Add	307.52	
	02MOD-0421	For Vinyl Coated, Add	838.69	
02711-0500	EA	40' Long x 4' High Sliding Gate.....	7,021.35	1,646.93
	02MOD-0420	For Gate With Barb Wire Arm, Add	410.03	
	02MOD-0421	For Vinyl Coated, Add	1,118.25	
02711-0501		5' High Sliding Gate (02711-0490)		
02711-0502	EA	10' Long x 5' High Sliding Gate.....	1,549.25	295.00
	02MOD-0420	For Gate With Barb Wire Arm, Add	105.52	
	02MOD-0421	For Vinyl Coated, Add	287.78	
02711-0503	EA	12' Long x 5' High Sliding Gate.....	1,858.28	353.62
	02MOD-0420	For Gate With Barb Wire Arm, Add	126.62	
	02MOD-0421	For Vinyl Coated, Add	345.34	
02711-0504	EA	14' Long x 5' High Sliding Gate.....	2,167.85	412.48
	02MOD-0420	For Gate With Barb Wire Arm, Add	147.73	
	02MOD-0421	For Vinyl Coated, Add	402.89	
02711-0505	EA	16' Long x 5' High Sliding Gate.....	2,477.78	471.51
	02MOD-0420	For Gate With Barb Wire Arm, Add	168.83	
	02MOD-0421	For Vinyl Coated, Add	460.45	
02711-0506	EA	18' Long x 5' High Sliding Gate.....	2,787.31	530.30
	02MOD-0420	For Gate With Barb Wire Arm, Add	189.93	
	02MOD-0421	For Vinyl Coated, Add	518.00	
02711-0507	EA	20' Long x 5' High Sliding Gate.....	3,097.06	589.25
	02MOD-0420	For Gate With Barb Wire Arm, Add	211.04	
	02MOD-0421	For Vinyl Coated, Add	575.56	
02711-0508	EA	24' Long x 5' High Sliding Gate.....	3,701.18	707.90
	02MOD-0420	For Gate With Barb Wire Arm, Add	251.39	
	02MOD-0421	For Vinyl Coated, Add	685.61	
02711-0509	EA	30' Long x 5' High Sliding Gate.....	4,645.90	884.08
	02MOD-0420	For Gate With Barb Wire Arm, Add	316.56	
	02MOD-0421	For Vinyl Coated, Add	863.34	
02711-0510	EA	40' Long x 5' High Sliding Gate.....	6,194.12	1,178.50
	02MOD-0420	For Gate With Barb Wire Arm, Add	422.08	
	02MOD-0421	For Vinyl Coated, Add	1,151.12	
02711-0511		6' High Sliding Gate (02711-0490)		
02711-0512	EA	10' Long x 6' High Sliding Gate.....	1,670.08	345.85
	02MOD-0420	For Gate With Barb Wire Arm, Add	107.63	
	02MOD-0421	For Vinyl Coated, Add	293.53	
02711-0513	EA	12' Long x 6' High Sliding Gate.....	2,001.66	413.73
	02MOD-0420	For Gate With Barb Wire Arm, Add	129.15	
	02MOD-0421	For Vinyl Coated, Add	352.24	
02711-0514	EA	14' Long x 6' High Sliding Gate.....	2,335.11	482.63
	02MOD-0420	For Gate With Barb Wire Arm, Add	150.68	
	02MOD-0421	For Vinyl Coated, Add	410.94	
02711-0515	EA	16' Long x 6' High Sliding Gate.....	2,668.88	551.67
	02MOD-0420	For Gate With Barb Wire Arm, Add	172.21	
	02MOD-0421	For Vinyl Coated, Add	469.65	
02711-0516	EA	18' Long x 6' High Sliding Gate.....	3,002.35	620.57
	02MOD-0420	For Gate With Barb Wire Arm, Add	193.73	
	02MOD-0421	For Vinyl Coated, Add	528.36	
02711-0517	EA	20' Long x 6' High Sliding Gate.....	3,340.44	691.79
	02MOD-0420	For Gate With Barb Wire Arm, Add	215.26	
	02MOD-0421	For Vinyl Coated, Add	587.06	
02711-0518	EA	24' Long x 6' High Sliding Gate.....	3,986.10	827.55
	02MOD-0420	For Gate With Barb Wire Arm, Add	256.41	
	02MOD-0421	For Vinyl Coated, Add	699.31	
02711-0519	EA	30' Long x 6' High Sliding Gate.....	5,004.67	1,034.72
	02MOD-0420	For Gate With Barb Wire Arm, Add	322.88	
	02MOD-0421	For Vinyl Coated, Add	880.59	
02711-0520	EA	40' Long x 6' High Sliding Gate.....	6,671.76	1,378.98
	02MOD-0420	For Gate With Barb Wire Arm, Add	430.51	
	02MOD-0421	For Vinyl Coated, Add	1,174.13	
02711-0521		7' High Sliding Gate (02711-0490)		
02711-0522	EA	10' Long x 7' High Sliding Gate.....	1,788.31	385.77
	02MOD-0420	For Gate With Barb Wire Arm, Add	111.85	
	02MOD-0421	For Vinyl Coated, Add	305.03	
02711-0523	EA	12' Long x 7' High Sliding Gate.....	2,145.37	462.58
	02MOD-0420	For Gate With Barb Wire Arm, Add	134.22	
	02MOD-0421	For Vinyl Coated, Add	366.05	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0524 EA 14' Long x 7' High Sliding Gate.....	2,503.68	540.07
02MOD-0420 For Gate With Barb Wire Arm, Add	156.58	
02MOD-0421 For Vinyl Coated, Add	427.05	
02711-0525 EA 16' Long x 7' High Sliding Gate.....	2,860.67	616.89
02MOD-0420 For Gate With Barb Wire Arm, Add	178.95	
02MOD-0421 For Vinyl Coated, Add	488.06	
02711-0526 EA 18' Long x 7' High Sliding Gate.....	3,218.37	694.12
02MOD-0420 For Gate With Barb Wire Arm, Add	201.32	
02MOD-0421 For Vinyl Coated, Add	549.06	
02711-0527 EA 20' Long x 7' High Sliding Gate.....	3,575.55	771.03
02MOD-0420 For Gate With Barb Wire Arm, Add	223.69	
02MOD-0421 For Vinyl Coated, Add	610.07	
02711-0528 EA 24' Long x 7' High Sliding Gate.....	4,272.76	925.16
02MOD-0420 For Gate With Barb Wire Arm, Add	266.46	
02MOD-0421 For Vinyl Coated, Add	726.71	
02711-0529 EA 30' Long x 7' High Sliding Gate.....	5,363.33	1,156.46
02MOD-0420 For Gate With Barb Wire Arm, Add	335.54	
02MOD-0421 For Vinyl Coated, Add	915.10	
02711-0530 EA 40' Long x 7' High Sliding Gate.....	7,151.10	1,541.98
02MOD-0420 For Gate With Barb Wire Arm, Add	447.38	
02MOD-0421 For Vinyl Coated, Add	1,220.14	
02711-0531 8' High Sliding Gate (02711-0490)		
02711-0532 EA 10' Long x 8' High Sliding Gate.....	1,882.74	417.91
02MOD-0420 For Gate With Barb Wire Arm, Add	115.16	
02MOD-0421 For Vinyl Coated, Add	314.07	
02711-0533 EA 12' Long x 8' High Sliding Gate.....	2,256.87	500.33
02MOD-0420 For Gate With Barb Wire Arm, Add	138.19	
02MOD-0421 For Vinyl Coated, Add	376.89	
02711-0534 EA 14' Long x 8' High Sliding Gate.....	2,633.08	583.74
02MOD-0420 For Gate With Barb Wire Arm, Add	161.22	
02MOD-0421 For Vinyl Coated, Add	439.70	
02711-0535 EA 16' Long x 8' High Sliding Gate.....	3,009.43	667.16
02MOD-0420 For Gate With Barb Wire Arm, Add	184.26	
02MOD-0421 For Vinyl Coated, Add	502.52	
02711-0536 EA 18' Long x 8' High Sliding Gate.....	3,384.86	750.23
02MOD-0420 For Gate With Barb Wire Arm, Add	207.29	
02MOD-0421 For Vinyl Coated, Add	565.33	
02711-0537 EA 20' Long x 8' High Sliding Gate.....	3,761.28	833.74
02MOD-0420 For Gate With Barb Wire Arm, Add	230.32	
02MOD-0421 For Vinyl Coated, Add	628.14	
02711-0538 EA 24' Long x 8' High Sliding Gate.....	4,495.31	1,000.57
02MOD-0420 For Gate With Barb Wire Arm, Add	274.36	
02MOD-0421 For Vinyl Coated, Add	748.24	
02711-0539 EA 30' Long x 8' High Sliding Gate.....	5,642.55	1,250.89
02MOD-0420 For Gate With Barb Wire Arm, Add	345.48	
02MOD-0421 For Vinyl Coated, Add	942.22	
02711-0540 EA 40' Long x 8' High Sliding Gate.....	7,520.91	1,666.64
02MOD-0420 For Gate With Barb Wire Arm, Add	460.64	
02MOD-0421 For Vinyl Coated, Add	1,256.29	
02711-0541 9' High Sliding Gate (02711-0490)		
02711-0542 EA 10' Long x 9' High Sliding Gate.....	1,994.32	455.90
02MOD-0420 For Gate With Barb Wire Arm, Add	119.08	
02MOD-0421 For Vinyl Coated, Add	324.75	
02711-0543 EA 12' Long x 9' High Sliding Gate.....	2,389.79	545.41
02MOD-0420 For Gate With Barb Wire Arm, Add	142.89	
02MOD-0421 For Vinyl Coated, Add	389.70	
02711-0544 EA 14' Long x 9' High Sliding Gate.....	2,787.89	636.18
02MOD-0420 For Gate With Barb Wire Arm, Add	166.71	
02MOD-0421 For Vinyl Coated, Add	454.66	
02711-0545 EA 16' Long x 9' High Sliding Gate.....	3,186.69	727.36
02MOD-0420 For Gate With Barb Wire Arm, Add	190.52	
02MOD-0421 For Vinyl Coated, Add	519.60	
02711-0546 EA 18' Long x 9' High Sliding Gate.....	3,584.95	818.20
02MOD-0420 For Gate With Barb Wire Arm, Add	214.34	
02MOD-0421 For Vinyl Coated, Add	584.56	
02711-0547 EA 20' Long x 9' High Sliding Gate.....	3,983.18	909.05
02MOD-0420 For Gate With Barb Wire Arm, Add	238.15	
02MOD-0421 For Vinyl Coated, Add	649.51	
02711-0548 EA 24' Long x 9' High Sliding Gate.....	4,760.51	1,090.75
02MOD-0420 For Gate With Barb Wire Arm, Add	283.69	
02MOD-0421 For Vinyl Coated, Add	773.69	
02711-0549 EA 30' Long x 9' High Sliding Gate.....	5,974.02	1,363.29
02MOD-0420 For Gate With Barb Wire Arm, Add	357.23	
02MOD-0421 For Vinyl Coated, Add	974.26	
02711-0550 EA 40' Long x 9' High Sliding Gate.....	7,968.34	1,819.19
02MOD-0420 For Gate With Barb Wire Arm, Add	476.31	
02MOD-0421 For Vinyl Coated, Add	1,299.02	
02711-0551 10' High Sliding Gate (02711-0490)		

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0552	EA	10' Long x 10' High Sliding Gate.....	2,132.06	501.49
	02MOD-0420	For Gate With Barb Wire Arm, Add	124.20	
	02MOD-0421	For Vinyl Coated, Add	338.72	
02711-0553	EA	12' Long x 10' High Sliding Gate.....	2,558.48	601.78
	02MOD-0420	For Gate With Barb Wire Arm, Add	149.04	
	02MOD-0421	For Vinyl Coated, Add	406.47	
02711-0554	EA	14' Long x 10' High Sliding Gate.....	2,985.22	702.22
	02MOD-0420	For Gate With Barb Wire Arm, Add	173.88	
	02MOD-0421	For Vinyl Coated, Add	474.21	
02711-0555	EA	16' Long x 10' High Sliding Gate.....	3,411.50	802.50
	02MOD-0420	For Gate With Barb Wire Arm, Add	198.72	
	02MOD-0421	For Vinyl Coated, Add	541.96	
02711-0556	EA	18' Long x 10' High Sliding Gate.....	3,837.70	902.71
	02MOD-0420	For Gate With Barb Wire Arm, Add	223.56	
	02MOD-0421	For Vinyl Coated, Add	609.70	
02711-0557	EA	20' Long x 10' High Sliding Gate.....	4,264.12	1,002.99
	02MOD-0420	For Gate With Barb Wire Arm, Add	248.40	
	02MOD-0421	For Vinyl Coated, Add	677.44	
02711-0558	EA	24' Long x 10' High Sliding Gate.....	5,097.93	1,204.06
	02MOD-0420	For Gate With Barb Wire Arm, Add	295.89	
	02MOD-0421	For Vinyl Coated, Add	806.97	
02711-0559	EA	30' Long x 10' High Sliding Gate.....	6,396.17	1,504.48
	02MOD-0420	For Gate With Barb Wire Arm, Add	372.59	
	02MOD-0421	For Vinyl Coated, Add	1,016.16	
02711-0560	EA	40' Long x 10' High Sliding Gate.....	8,525.84	2,004.81
	02MOD-0420	For Gate With Barb Wire Arm, Add	496.79	
	02MOD-0421	For Vinyl Coated, Add	1,354.89	
02711-0561		Sliding Cantilever Gate Manually Operated Exposed Roller <small>(02711-0207)</small>		
		Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate.		
02711-0562	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate.....	2,555.60	333.99
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	207.64	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	302.02	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	906.05	
	02MOD-0425	For Powder Coated Gate And Post, Add	396.40	
	02MOD-0426	For Vinyl Coated, Add	566.28	
02711-0563	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate.....	2,851.09	417.50
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	221.77	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	322.58	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	967.73	
	02MOD-0425	For Powder Coated Gate And Post, Add	423.38	
	02MOD-0426	For Vinyl Coated, Add	604.83	
02711-0564	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate.....	3,148.35	500.99
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	236.10	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	343.42	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	1,030.25	
	02MOD-0425	For Powder Coated Gate And Post, Add	450.74	
	02MOD-0426	For Vinyl Coated, Add	643.91	
02711-0565	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate.....	3,768.52	667.99
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	267.58	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	389.21	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	1,167.62	
	02MOD-0425	For Powder Coated Gate And Post, Add	510.83	
	02MOD-0426	For Vinyl Coated, Add	729.76	
02711-0566	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate.....	3,546.48	667.99
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	243.16	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	353.68	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	1,061.04	
	02MOD-0425	For Powder Coated Gate And Post, Add	464.21	
	02MOD-0426	For Vinyl Coated, Add	663.15	
02711-0567	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate.....	4,242.94	876.74
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	273.84	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	398.32	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	1,194.95	
	02MOD-0425	For Powder Coated Gate And Post, Add	522.79	
	02MOD-0426	For Vinyl Coated, Add	746.84	
02711-0568	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate.....	5,554.51	1,085.48
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	372.19	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	541.37	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	1,624.10	
	02MOD-0425	For Powder Coated Gate And Post, Add	710.54	
	02MOD-0426	For Vinyl Coated, Add	1,015.06	
02711-0569	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate.....	6,322.62	1,294.23
	02MOD-0422	For Gate With Single Barb Wire Arm, Add	410.76	
	02MOD-0423	For Gate With Double Barb Wire Arm, Add	597.46	
	02MOD-0424	For Aluminized Steel Gate And Post, Add	1,792.39	
	02MOD-0425	For Powder Coated Gate And Post, Add	784.17	
	02MOD-0426	For Vinyl Coated, Add	1,120.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0570 EA 8' High x 15' Wide Galvanized Cantilever Sliding Gate.....	4,199.02	834.99
02MOD-0422 For Gate With Single Barb Wire Arm, Add	278.20	
02MOD-0423 For Gate With Double Barb Wire Arm, Add	404.65	
02MOD-0424 For Aluminized Steel Gate And Post, Add	1,213.94	
02MOD-0425 For Powder Coated Gate And Post, Add	531.10	
02MOD-0426 For Vinyl Coated, Add	758.72	
02711-0571 EA 8' High x 20' Wide Galvanized Cantilever Sliding Gate.....	5,102.21	1,127.23
02MOD-0422 For Gate With Single Barb Wire Arm, Add	313.25	
02MOD-0423 For Gate With Double Barb Wire Arm, Add	455.64	
02MOD-0424 For Aluminized Steel Gate And Post, Add	1,366.92	
02MOD-0425 For Powder Coated Gate And Post, Add	598.03	
02MOD-0426 For Vinyl Coated, Add	854.32	
02711-0572 EA 8' High x 25' Wide Galvanized Cantilever Sliding Gate.....	6,709.42	1,419.48
02MOD-0422 For Gate With Single Barb Wire Arm, Add	425.75	
02MOD-0423 For Gate With Double Barb Wire Arm, Add	619.27	
02MOD-0424 For Aluminized Steel Gate And Post, Add	1,857.82	
02MOD-0425 For Powder Coated Gate And Post, Add	812.80	
02MOD-0426 For Vinyl Coated, Add	1,161.14	
02711-0573 EA 8' High x 30' Wide Galvanized Cantilever Sliding Gate.....	7,611.00	1,669.97
02MOD-0422 For Gate With Single Barb Wire Arm, Add	469.82	
02MOD-0423 For Gate With Double Barb Wire Arm, Add	683.37	
02MOD-0424 For Aluminized Steel Gate And Post, Add	2,050.10	
02MOD-0425 For Powder Coated Gate And Post, Add	896.92	
02MOD-0426 For Vinyl Coated, Add	1,281.32	
02711-0574 Gate Accessories (02711-0207)		
02711-0575 LF 3/8" Cross Bracing Rods.....	0.62	
02711-0576 LF 1-5/8" Pipe Bracing, Diagonal.....	1.81	
02711-0577 LF 2-3/8" Diameter Cast Steel Gate Hinge With Bolts.....	14.31	
02711-0578 LF 3" Diameter Cast Steel Gate Hinge With Bolts.....	16.02	
02711-0579 LF 4" Diameter Cast Steel Gate Hinge With Bolts.....	17.86	
02711-0580 LF 6-5/8" Diameter Cast Steel Gate Hinge With Bolts.....	35.64	
02711-0581 LF 8-5/8" Diameter Cast Steel Gate Hinge With Bolts.....	43.28	
02711-0582 EA Gate Center Stop, Cast Steel, Ground.....	20.76	
02711-0583 EA Gate Latch, Malleable Galvanized Steel.....	31.69	
02711-0584 EA Gate Keeper, Full Length, Galvanized Steel.....	141.31	
02711-0585 EA Heavy Duty Gate Latch, Malleable Galvanized Steel.....	42.09	
02711-0586 EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate.....	691.36	
02711-0587 EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate.....	741.39	
02711-0588 EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate.....	791.41	
02711-0589 Accessories (02711)		
02711-0590 Gate Operators (02711-0589)		
Note: Excludes gates, electrical connections, access controls and concrete foundation.		
02711-0591 Swing Gate Actuator (02711-0590)		
02711-0592 Single Gate, Swing Gate Actuator (02711-0591)		
02711-0593 EA Up To 10' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Actuator.....	1,364.30	160.90
Note: Includes one primary operator with a 10' wide gate capacity.		
02711-0594 EA Up To 14' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Actuator.....	1,656.80	160.90
Note: Includes one primary operator with a 14' wide gate capacity.		
02711-0595 Dual Gate, Swing Gate Actuator (02711-0591)		
02711-0596 EA Up To 10' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Actuator.....	2,286.10	321.80
Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		
02711-0597 EA Up To 14' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Actuator.....	2,871.10	321.80
Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		
02711-0598 Swing Gate Operators (02711-0590)		
02711-0599 Single Gate, Swing Gate Operators (02711-0598)		
02711-0600 EA 400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Operator.....	1,836.80	160.90
Note: Includes one primary operator with a 10' wide and 400# gate capacity.		
02711-0601 EA 500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Operator.....	1,986.80	160.90
Note: Includes one primary operator with a 14' wide and 500# gate capacity.		
02711-0602 EA 700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 VAC, Single Gate, Swing Gate Operator.....	2,511.80	160.90
Note: Includes one primary operator with an 18' wide and 700# gate capacity.		
02MOD-0552 For 208/230/460 VAC, Add	322.50	
02711-0603 EA 800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 VAC, Single Gate, Swing Gate Operator.....	2,834.30	160.90
Note: Includes one primary operator with a 22' wide and 800# gate capacity.		
02MOD-0552 For 208/230/460 VAC, Add	322.50	
02711-0604 Dual Gate, Swing Gate Operators (02711-0598)		

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0605	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator..... Note: Includes one primary and one secondary operator each with a 10' wide and 400# gate capacity.	3,739.60	321.80
02711-0606	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator..... Note: Includes one primary and one secondary operator each with a 14' wide and 500# gate capacity.	4,039.60	321.80
02711-0607	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator..... Note: Includes one primary and one secondary operator each with an 18' wide and 700# gate capacity.	4,626.10	321.80
		<i>02MOD-0552 For 208/230/460 VAC, Add</i>	322.50	
02711-0608	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 VAC, Dual Gate, Swing Gate Operator..... Note: Includes one primary and one secondary operator each with a 22' wide and 800# gate capacity.	5,301.10	321.80
		<i>02MOD-0552 For 208/230/460 VAC, Add</i>	322.50	
02711-0609		Sliding Gate Operators <small>(02711-0590)</small> Note: Includes 20' of chain. See CSI section 02711-0619 for additional chain over 20'.		
02711-0610	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 VAC, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	1,499.30	160.90
02711-0611	EA	500 LB Capacity, Up To 22' Wide Gate, 1/2 HP Motor, 115 VAC, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	1,986.80	160.90
02711-0612	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 VAC, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,163.66	193.08
02711-0613	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 VAC, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	2,628.66	193.08
02711-0614	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 VAC, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,305.52	225.26
02711-0615	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 VAC, Variable Speed, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	5,115.52	225.26
02711-0616	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 VAC, Variable Speed, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	6,679.88	257.44
02711-0617	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 VAC, High Speed, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	9,514.88	257.44
02711-0618	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 VAC, High Speed, Sliding Gate Operator..... Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	23,071.74	289.62
02711-0619		Accessories For Gate Actuators And Operators <small>(02711-0590)</small>		
02711-0620	EA	Single Channel Detector Loop For Gate Actuators And Operators.....	374.88	
02711-0621	EA	Two Channel Detector Loop For Gate Actuators And Operators.....	734.02	
02711-0622	EA	Heater Kit For Gate Actuators And Operators.....	421.22	
02711-0623	EA	Photoelectric Eye For Gate Actuators And Operators.....	485.58	
02711-0624	EA	Reversing Edge Sensor For Gate Actuators And Operators.....	379.83	
02711-0625	EA	Post Mount Base Plate For Gate Actuators And Operators.....	298.08	
02711-0626	LF	#40 Chain For Sliding Gate Operators.....	5.14	
02711-0627	LF	#41 Chain For Sliding Gate Operators.....	4.02	
02711-0628	LF	#50 Chain For Sliding Gate Operators.....	7.02	
02711-0629	LF	#60 Chain For Sliding Gate Operators.....	7.76	
02711-0630		Barbed And Concertina Wire <small>(02711-0589)</small>		
02711-0631		Single Strand Barbed Wire <small>(02711-0630)</small>		
02711-0632	LF	Galvanized Barbed Wire, Per Strand..... Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	0.79	0.36
		<i>02MOD-0427 For > 500 To 2000, Deduct</i>	-0.08	
		<i>02MOD-0428 For > 2000, Deduct</i>	-0.11	
02711-0633	LF	Vinyl Coated Barbed Wire (Fused), Per Strand..... Note: Includes clips.	0.89	0.36
		<i>02MOD-0427 For > 500 To 2000, Deduct</i>	-0.08	
		<i>02MOD-0428 For > 2000, Deduct</i>	-0.12	
02711-0634	EA	Barbed Wire Extension Arms 3 Strands (Single Arm).....	8.53	5.84
02711-0635	EA	Barbed Wire Extension Arms 6 Strands (Double Arm).....	13.61	7.00
02711-0636	EA	Barbed Wire Eye Tops (For Single Strand).....	8.84	5.84
02711-0637		Galvanized Steel Concertina (Razor) Wire, Single Coil <small>(02711-0630)</small>		
02711-0638	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	2.45	0.51
		<i>02MOD-0429 For > 500 To 1500, Deduct</i>	-0.22	
		<i>02MOD-0430 For > 1500 To 5000, Deduct</i>	-0.44	
		<i>02MOD-0431 For > 5000, Deduct</i>	-0.64	
		<i>02MOD-0432 For Ground Installation, Deduct</i>	-0.36	
		<i>02MOD-0433 For Double Coil (Helix), Add</i>	1.73	
02711-0639	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.70	0.51
		<i>02MOD-0429 For > 500 To 1500, Deduct</i>	-0.33	
		<i>02MOD-0430 For > 1500 To 5000, Deduct</i>	-0.66	
		<i>02MOD-0431 For > 5000, Deduct</i>	-0.96	
		<i>02MOD-0432 For Ground Installation, Deduct</i>	-0.55	
		<i>02MOD-0433 For Double Coil (Helix), Add</i>	2.61	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0640	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.92	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.44	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.88	
		02MOD-0431 For > 5000, Deduct	-1.28	
		02MOD-0432 For Ground Installation, Deduct	-0.73	
		02MOD-0433 For Double Coil (Helix), Add	3.46	
02711-0641	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.02	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.27	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.53	
		02MOD-0431 For > 5000, Deduct	-0.77	
		02MOD-0432 For Ground Installation, Deduct	-0.41	
		02MOD-0433 For Double Coil (Helix), Add	2.21	
02711-0642	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.55	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.40	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.80	
		02MOD-0431 For > 5000, Deduct	-1.15	
		02MOD-0432 For Ground Installation, Deduct	-0.61	
		02MOD-0433 For Double Coil (Helix), Add	3.34	
02711-0643	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.02	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.53	
		02MOD-0430 For > 1500 To 5000, Deduct	-1.06	
		02MOD-0431 For > 5000, Deduct	-1.53	
		02MOD-0432 For Ground Installation, Deduct	-0.81	
		02MOD-0433 For Double Coil (Helix), Add	4.41	
02711-0644	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	7.32	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.59	
		02MOD-0430 For > 1500 To 5000, Deduct	-1.19	
		02MOD-0431 For > 5000, Deduct	-1.65	
		02MOD-0432 For Ground Installation, Deduct	-0.46	
		02MOD-0433 For Double Coil (Helix), Add	6.41	
02711-0645	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	11.06	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.90	
		02MOD-0430 For > 1500 To 5000, Deduct	-1.80	
		02MOD-0431 For > 5000, Deduct	-2.49	
		02MOD-0432 For Ground Installation, Deduct	-0.69	
		02MOD-0433 For Double Coil (Helix), Add	9.69	
02711-0646	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	14.63	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-1.19	
		02MOD-0430 For > 1500 To 5000, Deduct	-2.38	
		02MOD-0431 For > 5000, Deduct	-3.29	
		02MOD-0432 For Ground Installation, Deduct	-0.91	
		02MOD-0433 For Double Coil (Helix), Add	12.81	
02711-0647		Stainless Steel Concertina (Razor) Wire, Single Coil <small>(02711-0630)</small>		
02711-0648	LF	18" Diameter, 18" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.05	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.27	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.53	
		02MOD-0431 For > 5000, Deduct	-0.76	
		02MOD-0432 For Ground Installation, Deduct	-0.36	
		02MOD-0433 For Double Coil (Helix), Add	2.33	
02711-0649	LF	18" Diameter, 12" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	4.61	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.40	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.80	
		02MOD-0431 For > 5000, Deduct	-1.14	
		02MOD-0432 For Ground Installation, Deduct	-0.55	
		02MOD-0433 For Double Coil (Helix), Add	3.52	
02711-0650	LF	18" Diameter, 9" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	6.12	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.53	
		02MOD-0430 For > 1500 To 5000, Deduct	-1.06	
		02MOD-0431 For > 5000, Deduct	-1.52	
		02MOD-0432 For Ground Installation, Deduct	-0.73	
		02MOD-0433 For Double Coil (Helix), Add	4.66	
02711-0651	LF	24" Diameter, 18" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	3.82	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.33	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.65	
		02MOD-0431 For > 5000, Deduct	-0.93	
		02MOD-0432 For Ground Installation, Deduct	-0.41	
		02MOD-0433 For Double Coil (Helix), Add	3.01	
02711-0652	LF	24" Diameter, 12" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	5.76	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.49	
		02MOD-0430 For > 1500 To 5000, Deduct	-0.99	
		02MOD-0431 For > 5000, Deduct	-1.40	
		02MOD-0432 For Ground Installation, Deduct	-0.61	
		02MOD-0433 For Double Coil (Helix), Add	4.55	

02000 Site Construction**02700 Site Improvements****02711 Chain Link Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0653	LF	24" Diameter, 9" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	7.62	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.65	
		02MOD-0430 For > 1500 To 5000, Deduct	-1.30	
		02MOD-0431 For > 5000, Deduct	-1.85	
		02MOD-0432 For Ground Installation, Deduct	-0.81	
		02MOD-0433 For Double Coil (Helix), Add	6.01	
02711-0654	LF	30" Diameter, 18" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.35	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-0.82	
		02MOD-0430 For > 1500 To 5000, Deduct	-1.64	
		02MOD-0431 For > 5000, Deduct	-2.25	
		02MOD-0432 For Ground Installation, Deduct	-0.46	
		02MOD-0433 For Double Coil (Helix), Add	9.44	
02711-0655	LF	30" Diameter, 12" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.65	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-1.24	
		02MOD-0430 For > 1500 To 5000, Deduct	-2.48	
		02MOD-0431 For > 5000, Deduct	-3.40	
		02MOD-0432 For Ground Installation, Deduct	-0.69	
		02MOD-0433 For Double Coil (Helix), Add	14.28	
02711-0656	LF	30" Diameter, 9" O.C. Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	20.69	0.51
		02MOD-0429 For > 500 To 1500, Deduct	-1.64	
		02MOD-0430 For > 1500 To 5000, Deduct	-3.29	
		02MOD-0431 For > 5000, Deduct	-4.50	
		02MOD-0432 For Ground Installation, Deduct	-0.91	
		02MOD-0433 For Double Coil (Helix), Add	18.87	
02711-0657		Grounding For Gates (02711-0589) Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
02711-0658	OPN	Grounding For Gates (Per Opening)	371.69	
02711-0659		Coiled Spring Reinforcing Wire (02711-0589)		
02711-0660		Galvanized Steel (02711-0659)		
02711-0661	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	0.87	0.36
02711-0662		Vinyl Coated Steel (02711-0659)		
02711-0663	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	0.87	0.36
02711-0664		Bending Of Fabric Around Pipe Railings (02711-0589) Note: Only where specified		
02711-0665	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.15	
02711-0666	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.00	
02711-0667		Mounting Plate With Anchors Or Bolts (02711-0589) Note: For drilling for anchor or bolts, installing post on or against flat surface.		
02711-0668	EA	Mounting Plate For 1-5/8" Diameter Post	26.00	
02711-0669	EA	Mounting Plate For 2" Diameter Post	26.36	
02711-0670	EA	Mounting Plate For 2-1/2" Diameter Post	27.19	
02711-0671	EA	Mounting Plate For 3" Diameter Post	32.28	
02711-0672	EA	Mounting Plate For 4" Diameter Post	36.82	
02711-0673	EA	Mounting Plate For 6-5/8" Diameter Post	42.26	
02711-0674	EA	Mounting Plate For 8-5/8" Diameter Post	49.43	
02711-0675		Fence Parts For Repair And Replacement (02711)		
02711-0676		Gate Attachments (02711-0675)		
02711-0677	EA	Cantilever Roller Assembly, Ball Bearing With Fittings	90.72	19.34
02711-0678	EA	Sliding Gate Roller Assembly	76.00	17.14
02711-0679	LF	Galvanized Diagonal Brace Rod With Tightener	6.32	2.62
02711-0680	EA	Rod And Lock Gate Keeper	85.09	13.86
02711-0681	EA	Gate Center Stop	28.96	7.66
02711-0682	EA	Gate Keeper Hold-Open For Cantilever Gate	74.75	13.86
02711-0683	EA	Gate Keeper, Full Length, Stainless Steel Rod, Internal Locking Device For 3' To 5' High Gate	816.07	
02711-0684	EA	Gate Keeper, Full Length, Stainless Steel Rod, Internal Locking Device For 6' To 8' High Gate	877.77	
02711-0685	EA	Gate Keeper, Full Length, Stainless Steel Rod, Internal Locking Device For 10' To 12' High Gate	939.48	
02711-0686	EA	Galvanized Gate Holdback	20.03	
02711-0687	EA	2-1/2" x 2" Off Set Hinge	18.74	
02711-0688	EA	3" x 2" Off Set Hinge	19.56	
02711-0689	EA	4" x 2" Off Set Hinge	20.87	
02711-0690	EA	6-5/8" x 2" Off Set Hinge	33.97	
02711-0691	EA	8-5/8" x 2" Off Set Hinge	53.37	
02711-0692	EA	1-5/8" Aluminum Die-Cast Post Cap	3.71	
02711-0693	EA	2" Aluminum Die-Cast Post Cap	4.06	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02711-0694	EA	2-1/2" Aluminum Die-Cast Post Cap.....	4.60	
02711-0695	EA	3" Aluminum Die-Cast Post Cap.....	5.21	
02711-0696	EA	2" Galvanized Post Cap.....	4.66	
02711-0697	EA	2-1/2" Galvanized Post Cap.....	5.05	
02711-0698	EA	3" Galvanized Post Cap.....	5.78	
02711-0699	EA	4" Galvanized Post Cap.....	8.56	
02711-0700	EA	6-5/8" Galvanized Post Cap.....	16.02	
02711-0701	EA	8-5/8" Galvanized Post Cap.....	26.27	
02711-0702	EA	1-5/8" Boulevard Clamp.....	7.78	
02711-0703	EA	2" Boulevard Clamp.....	9.49	
02711-0704	EA	2-1/2" Boulevard Clamp.....	11.13	
02711-0705	EA	3" Boulevard Clamp.....	13.51	
02711-0706	EA	1-5/8" Gate Brace Or End Rail Clamp.....	7.63	
02711-0707	EA	2" Gate Brace Or End Rail Clamp.....	9.28	
02711-0708	EA	2-1/2" Gate Brace Or End Rail Clamp.....	10.92	
02711-0709	EA	3" Gate Brace Or End Rail Clamp.....	13.28	
02711-0710		Fence Parts <small>(02711-0675)</small>		
02711-0711	EA	2" Heavy Duty Band, Galvanized.....	2.44	1.09
02711-0712	EA	2-1/2" Heavy Duty Band, Galvanized.....	2.47	1.09
02711-0713	EA	3" Heavy Duty Band, Galvanized.....	2.54	1.09
02711-0714	EA	3-1/2" Heavy Duty Band, Galvanized.....	2.66	1.09
02711-0715	EA	4" Heavy Duty Band, Galvanized.....	2.69	1.09
02711-0716		Remove And Reinstall Chain Link Fences <small>(02711)</small>		
		Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
02711-0717	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height.....	14.59	
02711-0718	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height.....	21.88	
02712		Other Metal Fences <small>(02700)</small>		
02712-0001		Chicken Wire <small>(02712)</small>		
		Note: Posts at 4'		
02712-0002	LF	1" Mesh, 4' High Chicken Wire Posts At 4'.....	6.09	1.29
02712-0003	LF	2" Mesh, 6' High Chicken Wire Posts At 4'.....	6.65	1.29
02712-0004		Galvanized Steel <small>(02712)</small>		
02712-0005		12 Gauge, 2" x 4" Welded Mesh <small>(02712-0004)</small>		
		Note: Posts 5' on center		
02712-0006	LF	3' High 12 Gauge Galvanized Steel Fence 2" x 4" Mesh, Posts At 5'.....	7.12	1.29
02712-0007	LF	5' High 12 Gauge Galvanized Steel Fence 2" x 4" Mesh, Posts At 5'.....	7.67	1.29
02712-0008		14 Gauge, 1" x 2" Welded Mesh <small>(02712-0004)</small>		
		Note: Posts 5' on center		
02712-0009	LF	3' High 14 Gauge Galvanized Steel Fence 1" x 2" Mesh, Posts At 5'.....	7.01	1.29
02712-0010	LF	5' High 14 Gauge Galvanized Steel Fence 1" x 2" Mesh, Posts At 5'.....	7.50	1.29
02712-0011		Barbed Wire Fences <small>(02712)</small>		
		See CSI section 02711-0001 for drilling augering.		
02712-0012		Fence Posts <small>(02712-0011)</small>		
02712-0013		Fence Post Soil, Set In Concrete <small>(02712-0012)</small>		
02712-0014	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil.....	71.73	5.84
		<i>02MOD-0434 For Bracing On Corner Post, End Post And Pull Post, Add</i>	115.66	
02712-0015	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil.....	96.40	5.84
		<i>02MOD-0434 For Bracing On Corner Post, End Post And Pull Post, Add</i>	156.86	
02712-0016		Post In Rock <small>(02712-0012)</small>		
02712-0017	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock.....	70.46	5.84
		<i>02MOD-0434 For Bracing On Corner Post, End Post And Pull Post, Add</i>	113.75	
02712-0018	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock.....	95.13	5.84
		<i>02MOD-0434 For Bracing On Corner Post, End Post And Pull Post, Add</i>	154.95	
02712-0019		Post Driven Into Dirt <small>(02712-0012)</small>		
		Note: Posts for barb wire, chain link or welded wire mesh.		
02712-0020	EA	3' Metal Posts, Driven Into Earth.....	18.54	
02712-0021	EA	4' Metal Posts, Driven Into Earth.....	20.37	
02712-0022	EA	5' Metal Posts, Driven Into Earth.....	22.78	
02712-0023	EA	6' Metal Posts, Driven Into Earth.....	24.62	

02000 Site Construction**02700 Site Improvements****02712 Other Metal Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02712-0024		Barbed Wire (02712-0011) Note: Per strand		
02712-0025	LF	Barbed Wire, Galvanized Per Strand.....	0.64	0.30
02712-0026	LF	Barbed Wire, Vinyl Coated Per Strand.....	0.66	0.30
02712-0027		Barbed Wire Fence, Farm Style, With Wood Posts (02712-0011) Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
02712-0028	LF	Barbed Wire, Standard 3 Strand Fence With Posts.....	7.67	1.45
02712-0029		Wire And Screen (02712)		
02712-0030		Wire And Screen For Partitions And Fences (02712-0029) Note: Excludes framing and post		
02712-0031		Screen Wire (02712-0030)		
02712-0032	SF	Screen Wire, 48" Wide Rolls.....	1.84	0.65
02712-0033		Hog Wire (02712-0030)		
02712-0034	SF	4" x 4" Hog Wire For Fencing.....	1.31	0.52
02712-0035	SF	6" x 6" Hog Wire For Fencing.....	1.37	0.58
02712-0036		Screen For Partitions And Ceilings (02712-0029) Note: Can be used to support insulation on walls and ceilings.		
02712-0037	SF	1" Mesh Chicken Wire.....	1.19	
02712-0038		Snow Fencing (02712)		
02712-0039		Snow Fence On Steel Posts (02712-0038)		
02712-0040	LF	Steel Fence Post, 10' On Center With 4' Snow Fence.....	5.38	1.55
02712-0041		Wicket Fence (02712)		
02712-0042	LF	Steel Wicket Fence, Painted.....	40.32	3.73
02713		Wooden Fences (02700)		
02713-0001		Basket Weave (02713) Note: 3/8" x 4" boards, 4" x 4" post		
02713-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post.....	22.29	2.58
		02MOD-0435 For Screwing Of Boards Instead Of Nails, Add	1.38	
02713-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post.....	16.65	2.58
		02MOD-0435 For Screwing Of Boards Instead Of Nails, Add	1.12	
02713-0004		Board Fence (02713) Note: 1x4" board, 2x4" rail, 4x4" post		
02713-0005	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated.....	14.97	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-1.91	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.48	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.05	
02713-0006	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated.....	16.38	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-2.06	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.67	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.14	
02713-0007	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated.....	17.65	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-2.17	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.79	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.21	
02713-0008	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated.....	18.62	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-2.27	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.91	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.28	
02713-0009	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated.....	19.64	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-2.37	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	3.03	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.34	
02713-0010	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar.....	15.49	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-1.93	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.49	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.07	
02713-0011	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar.....	16.78	2.58
		02MOD-0436 For 1" x 6" Boards, Deduct	-2.08	
		02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.68	
		02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02713-0012 LF Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar.....	17.65	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.17	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.79	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.21	
02713-0013 LF Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar.....	18.62	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.27	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.91	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.28	
02713-0014 LF Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar.....	19.64	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.37	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	3.03	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.34	
02713-0015 LF Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar.....	15.49	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-1.93	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.49	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.07	
02713-0016 LF Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar.....	18.54	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.15	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.73	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.25	
02713-0017 LF Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar.....	19.33	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.24	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.84	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.30	
02713-0018 LF Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar.....	20.51	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.34	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	2.97	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.37	
02713-0019 LF Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar.....	21.74	2.58
02MOD-0436 For 1" x 6" Boards, Deduct	-2.45	
02MOD-0437 For 1" x 3" Boards (Stockade Top), Add	3.09	
02MOD-0438 For Screwing Of Boards Instead Of Nails, Add	1.45	
02713-0020 Shadow Box <small>(02713)</small>		
Note: 1x6" board, 2x4" Rail, 4x4" post		
02713-0021 LF Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine.....	15.52	2.58
02MOD-0439 For Screwing Of Boards Instead Of Nails, Add	1.05	
02713-0022 LF Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar.....	18.85	2.58
02MOD-0439 For Screwing Of Boards Instead Of Nails, Add	1.26	
02713-0023 LF Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar.....	19.97	2.58
02MOD-0439 For Screwing Of Boards Instead Of Nails, Add	1.33	
02713-0024 LF Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar.....	21.42	2.58
02MOD-0439 For Screwing Of Boards Instead Of Nails, Add	1.43	
02713-0025 Open Rail Fence <small>(02713)</small>		
02713-0026 Post And Rail Fence, Ranch Style <small>(02713-0025)</small>		
02713-0027 LF Post And Rail Fence, 2 Rails, 3' High #1 Cedar.....	13.22	2.58
02713-0028 LF Post And Rail Fence, 2 Rails, 3' High #2 Cedar.....	12.08	2.58
02713-0029 LF Post And Rail Fence, 3 Rails, 4' High #1 Cedar.....	14.72	2.58
02713-0030 LF Post And Rail Fence, 3 Rails, 4' High #2 Cedar.....	12.95	2.58
02713-0031 Split Rail Fence <small>(02713-0025)</small>		
02713-0032 LF Split Rail Fence, 2 Rails, 3' High #1 Cedar.....	12.92	2.58
02713-0033 LF Split Rail Fence, 2 Rails, 3' High #2 Cedar.....	12.07	2.58
02713-0034 LF Split Rail Fence, 3 Rail, 4' High #1 Cedar.....	14.16	2.58
02713-0035 LF Split Rail Fence, 3 Rail, 4' High #2 Cedar.....	13.11	2.58
02713-0036 Picket Fence <small>(02713)</small>		
02713-0037 LF Picket Fence, 2 Rail, 3' High, Pressure Treated.....	14.19	2.58
02MOD-0440 For Screwing Of Boards Instead Of Nails, Add	1.02	
02713-0038 LF Picket Fence, 2 Rail, 3' High #1 Cedar.....	13.93	2.58
02MOD-0440 For Screwing Of Boards Instead Of Nails, Add	1.01	
02713-0039 Wood Gate <small>(02713)</small>		
02713-0040 Board Fence Gates, Pressure Treated Wood <small>(02713-0039)</small>		
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber)		
02713-0041 EA 3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	216.18	85.78
02713-0042 EA 3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	234.52	90.93
02713-0043 EA 3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	259.71	99.51
02713-0044 EA 3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	285.17	104.65
02713-0045 EA 3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	310.65	109.80
02713-0046 EA > 5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	280.02	113.23
02713-0047 EA > 5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	299.23	118.38
02713-0048 EA > 5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	318.45	123.52
02713-0049 EA > 5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	346.60	128.67

02000 Site Construction**02700 Site Improvements****02713 Wooden Fences**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02713-0050	EA	> 5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	370.28	133.81
02713-0051		Board Fence Gates, Grade 2 Cedar <small>(02713-0039)</small>		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
02713-0052	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	282.24	80.87
02713-0053	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	294.63	85.72
02713-0054	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	314.37	93.82
02713-0055	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	331.21	98.66
02713-0056	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	350.74	103.52
02713-0057	EA	> 5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	347.39	106.75
02713-0058	EA	> 5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	361.55	111.60
02713-0059	EA	> 5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	380.19	116.46
02713-0060	EA	> 5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	398.81	121.30
02713-0061	EA	> 5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	417.44	126.16
02713-0062		Board Fence Gates, Grade 1 Cedar <small>(02713-0039)</small>		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
02713-0063	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	295.63	80.87
02713-0064	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	309.80	85.72
02713-0065	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	330.44	93.82
02713-0066	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	349.06	98.66
02713-0067	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	367.70	103.52
02713-0068	EA	> 5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	365.24	106.75
02713-0069	EA	> 5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	379.40	111.60
02713-0070	EA	> 5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	398.04	116.46
02713-0071	EA	> 5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	416.67	121.30
02713-0072	EA	> 5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	439.76	126.16
02713-0073		Pressure Treated Wood Fence Posts <small>(02713)</small>		
		See CSI section 02711-0001 for drilling augering, 02712-0024 for barbed wire.		
02713-0074	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	21.05	8.58
02713-0075	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	22.46	8.58
02713-0076	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	38.65	16.47
02713-0077	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	40.26	16.47
02719		Retaining Wall Systems <small>(02700)</small>		
02719-0001		Modular Retaining Wall Systems <small>(02719)</small>		
		Note: Includes installation, material and manufacturer's wall design. For modular retaining walls, price includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compacted. Excludes initial site grading, subbase preparation or finish grading.		
02719-0002		"Amastone" Or Equal <small>(02719-0001)</small>		
02719-0003	SF	Retaining Wall, Up To 4' Height	42.40	5.65
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.64	
02719-0004	SF	Retaining Wall, 4-8' Height	44.73	5.95
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.79	
02719-0005	SF	Retaining Wall, 8-12' Height	46.66	6.55
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.85	
02719-0006	SF	Retaining Wall, 12-16' Height	48.70	7.15
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.93	
02719-0007		"Diamond" Or Equal <small>(02719-0001)</small>		
02719-0008	SF	Retaining Wall, Up To 4' Height	44.02	5.65
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.78	
02719-0009	SF	Retaining Wall, 4-8' Height	46.36	5.95
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.93	
02719-0010	SF	Retaining Wall, 8-12' Height	48.29	6.55
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.99	
02719-0011	SF	Retaining Wall, 12-16' Height	50.32	7.15
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.06	
02719-0012		"Keystone" Or Equal <small>(02719-0001)</small>		
02719-0013	SF	Retaining Wall, Up To 4' Height	47.90	5.65
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.11	
02719-0014	SF	Retaining Wall, 4-8' Height	50.24	5.95
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.26	
02719-0015	SF	Retaining Wall, 8-12' Height	52.17	6.55
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.32	
02719-0016	SF	Retaining Wall, 12-16' Height	54.20	7.15
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.39	
02719-0017		"Cribblock" Or Equal (Precast) <small>(02719-0001)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02719-0018	SF Retaining Wall, Up To 4' Height..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i> <i>02MOD-0442 For Gravel Backfill Instead Of Earth, Add</i>	42.40 2.64 0.25	5.65
02719-0019	SF Retaining Wall, 4-8' Height <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i> <i>02MOD-0442 For Gravel Backfill Instead Of Earth, Add</i>	44.73 2.79 0.25	5.95
02719-0020	SF Retaining Wall, 8-12' Height <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i> <i>02MOD-0442 For Gravel Backfill Instead Of Earth, Add</i>	46.66 2.85 0.25	6.55
02719-0021	SF Retaining Wall, 12-16' Height <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i> <i>02MOD-0442 For Gravel Backfill Instead Of Earth, Add</i>	48.70 2.93 0.25	7.15
02719-0022	"Versa-Lok" Or Equal <small>(02719-0001)</small> Note: Precast. Includes cap at top, pins, and installation.		
02719-0023	SF Retaining Wall, Up To 4' Height..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	37.47 2.22	5.65
02719-0024	SF Retaining Wall, 4-8' Height <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	41.43 2.51	5.95
02719-0025	SF Retaining Wall, 8-12' Height <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	43.39 2.57	6.55
02719-0026	SF Retaining Wall, 12-16' Height <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	45.12 2.62	7.15
02719-0027	Cap Block Restoration <small>(02719-0001)</small> Note: Includes removal of existing cap block and installation of new cap block to match.		
02719-0028	LF Removal And Reinstall Cap Block And Pins..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	19.80 1.00	
02719-0029	Wood Post Retaining Walls <small>(02719)</small> Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
02719-0030	LF 4" x 4", 1' High, Redwood <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	47.68 1.00	17.98
02719-0031	LF 4" x 4", 2' High, Redwood <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	93.33 1.95	35.21
02719-0032	LF 4" x 4", 1' High, Cedar..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	46.17 0.87	17.98
02719-0033	LF 4" x 4", 2' High, Cedar..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	90.41 1.70	35.21
02719-0034	LF 4" x 4", 1' High, Pressure Treated Lumber..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	42.74 0.96	15.72
02719-0035	LF 4" x 4", 2' High, Pressure Treated Lumber..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	83.61 1.88	30.73
02719-0036	LF 4" x 4", 1' High, Creosoted Lumber..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	37.84 0.84	13.95
02719-0037	LF 4" x 4", 2' High, Creosoted Lumber..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	68.42 1.52	25.24
02719-0038	LF 6 x 6, 2' High, Redwood..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	123.68 3.26	42.66
02719-0039	LF 6 x 6, 4' High, Redwood..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	243.92 6.53	83.61
02719-0040	LF 6 x 6, 2' High, Cedar <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	122.02 3.12	42.66
02719-0041	LF 6 x 6, 4' High, Cedar <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	239.75 6.17	83.61
02719-0042	LF 6 x 6, 2' High, Pressure Treated Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	105.19 3.05	34.65
02719-0043	LF 6 x 6, 4' High, Pressure Treated Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	208.62 6.10	68.41
02719-0044	LF 6 x 6, 2' High, Creosoted Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	84.25 2.45	27.70
02719-0045	LF 6 x 6, 4' High, Creosoted Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	165.56 4.86	54.21
02719-0046	LF 8 x 8, 4' High, Redwood..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	299.24 9.72	92.44
02719-0047	LF 8 x 8, 6' High, Redwood..... <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	559.58 18.23	172.59
02719-0048	LF 8 x 8, 4' High, Cedar <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	290.89 9.01	92.44
02719-0049	LF 8 x 8, 6' High, Cedar <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	543.73 16.88	172.59
02719-0050	LF 8 x 8, 4' High, Pressure Treated Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	298.42 7.23	106.64
02719-0051	LF 8 x 8, 6' High, Pressure Treated Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	556.86 13.48	199.16
02719-0052	LF 8 x 8, 4' High, Creosoted Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	241.23 5.85	86.20
02719-0053	LF 8 x 8, 6' High, Creosoted Lumber <i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	447.42 10.85	159.90

02000 Site Construction**02700 Site Improvements****02719 Retaining Wall Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02719-0054	LF	Random Diameter Poles, Cedar 4' High.....	91.96	35.53
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.77	
02719-0055	LF	Random Diameter Poles, Cedar 6' High.....	137.52	53.32
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.62	
02719-0056	LF	Random Diameter Poles, Cedar 8' High.....	183.04	71.05
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.48	
02719-0057	LF	Random Diameter Poles, 4' High Creosoted Lumber.....	60.61	20.07
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.74	
02719-0058	LF	Random Diameter Poles, 6' High Creosoted Lumber.....	87.98	28.96
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.55	
02719-0059	LF	Random Diameter Poles, 8' High.....	119.10	39.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.48	
02719-0060		Post And Board Retaining Walls ⁽⁰²⁷¹⁹⁾		
		Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
02719-0061	LF	4 x 4 Post, 4' Spacing, 3' High Redwood, 2" Planking.....	36.48	10.66
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.29	
02719-0062	LF	4 x 4 Post, 2' Spacing, 4' High 2" Planking, Redwood.....	56.88	18.23
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.74	
02719-0063	LF	6 x 6 Post, 4' Spacing, 5' High 2" Planking, Redwood.....	74.12	22.65
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.45	
02719-0064	LF	6 x 6 Post, 3' Spacing, 6' High 2" Planking, Redwood.....	103.81	32.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.37	
02719-0065	LF	6 x 6 With Deadman, 3' Spacing, 8' High 2" Planking, Redwood.....	135.68	41.77
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	4.43	
02719-0066	LF	8 x 8 Post, 2' Spacing, 8' High 2" Planking, Redwood.....	277.14	82.66
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	9.50	
02719-0067	LF	8 x 8 With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood.....	312.42	91.57
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	10.99	
02719-0068	LF	4 x 4 Post, 4' Spacing, 3' High, 2" Planking, Cedar.....	37.16	11.11
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.27	
02719-0069	LF	4 x 4 With Deadman, 2' Spacing, 4' High 2" Planking, Cedar.....	65.34	19.75
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.20	
02719-0070	LF	6 x 6 Post, 4' Spacing, 4' High 2" Planking, Cedar.....	64.20	19.37
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.16	
02719-0071	LF	6 x 6 Post, 3' Spacing, 5' High 2" Planking, Cedar.....	90.28	27.82
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.94	
02719-0072	LF	6 x 6 Post, 2' Spacing, 6' High 2" Planking, Cedar.....	141.03	44.43
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	4.43	
02719-0073	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar.....	111.23	34.14
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.65	
02719-0074	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar.....	286.60	85.31
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	9.86	
02719-0075	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated.....	49.62	20.51
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	0.73	
02719-0076	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated.....	71.54	29.15
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.12	
02719-0077	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, 2" Planking, Pressure Treat.....	102.93	40.00
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.95	
02719-0078	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated.....	179.71	67.52
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.79	
02719-0079	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated.....	181.80	67.52
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.97	
02719-0080	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat.....	171.49	64.87
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.55	
02719-0081	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated.....	401.90	149.24
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	8.79	
02719-0082	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking.....	49.62	20.51
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	0.73	
02719-0083	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking.....	71.54	29.15
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.12	
02719-0084	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking.....	102.93	40.00
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.95	
02719-0085	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking.....	129.15	49.78
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.52	
02719-0086	LF	6 x 6 Post, 2' Spacing, 7' High Creosoted, 2" Planking.....	179.71	67.52
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.79	
02719-0087	LF	6 x 6 Post With Deadman, 3' Spacing, 8' High, Creosoted, 2" Planking.....	171.49	64.87
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.55	
02719-0088	LF	8 x 8 Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking.....	401.90	149.24
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	8.79	
02719-0089		Wood Tie Retaining Walls, Rod Connector At 4' ⁽⁰²⁷¹⁹⁾		
		Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
02719-0090		Redwood ⁽⁰²⁷¹⁹⁻⁰⁰⁸⁹⁾		
02719-0091	LF	2' High, 6" x 6" Wood Tie Wall.....	63.75	21.83
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	1.70	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02719-0092	LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	145.42 3.90	49.78
02719-0093	LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	217.75 5.82	74.65
02719-0094	LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	207.23 6.74	63.99
02719-0095	LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	311.34 10.14	95.98
02719-0096	LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	410.93 13.48	126.20
02719-0097	Cedar (02719-0089)		
02719-0098	LF 2' High, 6" x 6" Wood Tie Wall 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	62.91 1.63	21.83
02719-0099	LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	142.92 3.69	49.78
02719-0100	LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	214.42 5.53	74.65
02719-0101	LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	201.39 6.24	63.99
02719-0102	LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	302.99 9.43	95.98
02719-0103	LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	399.24 12.48	126.20
02719-0104	Creosoted Wood (02719-0089)		
02719-0105	LF 2' High, 6" x 8" Wood Tie Wall 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	72.17 1.21	28.96
02719-0106	LF 4' High, 6" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	165.45 2.73	66.64
02719-0107	LF 6' High, 6" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	245.25 4.08	98.63
02719-0108	LF 4' High, 7" x 9" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	332.61 5.46	134.16
02719-0109	LF 6' High, 7" x 9" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	484.31 7.94	195.43
02719-0110	LF 8' High, 7" x 9" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	642.55 10.57	259.10
02719-0111	Pressure Treated Wood (02719-0089)		
02719-0112	LF 2' High, 6" x 6" Wood Tie Wall 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	54.91 1.60	18.04
02719-0113	LF 4' High, 6" x 6" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	124.73 3.65	40.89
02719-0114	LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	186.88 5.46	61.33
02719-0115	LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	206.31 5.00	73.77
02719-0116	LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	309.71 7.59	110.24
02719-0117	LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6' 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	410.79 10.00	146.58
02719-0118	Stone Retaining Walls (02719) Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.		
02719-0119	Stone Retaining Walls (02719-0118) Note: Stone at \$16.00/ton		
02719-0120	LF \$16.00/ton 3' High Stone Retaining Wall, Dry Set 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	291.38 1.99	133.98
02719-0121	LF \$16.00/ton 4' High Stone Retaining Wall, Dry Set 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	344.38 2.17	159.40
02719-0122	LF \$16.00/ton 6' High Stone Retaining Wall, Dry Set 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	453.42 2.54	211.78
02719-0123	LF \$16.00/ton 8' High Stone Retaining Wall, Dry Set 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	700.87 3.28	331.12
02719-0124	LF \$16.00/ton 10' High Stone Retaining Wall, Dry Set 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	911.97 3.88	433.14
02719-0125	LF \$16.00/ton 12' High Stone Retaining Wall, Dry Set 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	1,132.61 4.57	539.39
02719-0126	LF \$16.00/ton 3' High Stone Retaining Wall, Mortar Set..... 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	260.62 1.99	118.63
02719-0127	LF \$16.00/ton 4' High Stone Retaining Wall, Mortar Set..... 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	306.28 2.17	140.35
02719-0128	LF \$16.00/ton 6' High Stone Retaining Wall, Mortar Set..... 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	397.19 2.54	183.62
02719-0129	LF \$16.00/ton 8' High Stone Retaining Wall, Mortar Set..... 02MOD-0441 For > 1:3 Sloped Soil At Top, Add	610.35 3.28	285.89

02000 Site Construction**02700 Site Improvements****02719 Retaining Wall Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02719-0130	LF	\$16.00/ton 10' High Stone Retaining Wall, Mortar Set.....	785.00	369.69
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.88	
02719-0131	LF	\$16.00/ton 12' High Stone Retaining Wall, Mortar Set.....	976.00	461.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	4.57	
02719-0132		Stone Retaining Walls <small>(02719-0118)</small>		
		Note: Stone at \$32.00/ton		
02719-0133	LF	\$32.00/ton 3' High Stone Retaining Wall, Dry Set.....	298.45	133.98
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.59	
02719-0134	LF	\$32.00/ton 4' High Stone Retaining Wall, Dry Set.....	354.16	159.40
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.00	
02719-0135	LF	\$32.00/ton 6' High Stone Retaining Wall, Dry Set.....	467.55	211.78
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.74	
02719-0136	LF	\$32.00/ton 8' High Stone Retaining Wall, Dry Set.....	721.51	331.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	5.03	
02719-0137	LF	\$32.00/ton 10' High Stone Retaining Wall, Dry Set.....	940.22	433.14
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	6.28	
02719-0138	LF	\$32.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,168.47	539.39
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	7.62	
02719-0139	LF	\$32.00/ton 3' High Stone Retaining Wall, Mortar Set.....	267.69	118.63
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	2.59	
02719-0140	LF	\$32.00/ton 4' High Stone Retaining Wall, Mortar Set.....	316.06	140.35
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.00	
02719-0141	LF	\$32.00/ton 6' High Stone Retaining Wall, Mortar Set.....	411.32	183.62
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.74	
02719-0142	LF	\$32.00/ton 8' High Stone Retaining Wall, Mortar Set.....	630.99	285.89
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	5.03	
02719-0143	LF	\$32.00/ton 10' High Stone Retaining Wall, Mortar Set.....	813.25	369.69
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	6.28	
02719-0144	LF	\$32.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,011.86	461.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	7.62	
02719-0145		Stone Retaining Walls <small>(02719-0118)</small>		
		Note: Stone at \$48.00/ton		
02719-0146	LF	\$48.00/ton 3' High Stone Retaining Wall, Dry Set.....	306.05	133.98
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.23	
02719-0147	LF	\$48.00/ton 4' High Stone Retaining Wall, Dry Set.....	363.83	159.40
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.82	
02719-0148	LF	\$48.00/ton 6' High Stone Retaining Wall, Dry Set.....	481.13	211.78
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	4.90	
02719-0149	LF	\$48.00/ton 8' High Stone Retaining Wall, Dry Set.....	742.16	331.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	6.79	
02719-0150	LF	\$48.00/ton 10' High Stone Retaining Wall, Dry Set.....	968.48	433.14
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	8.68	
02719-0151	LF	\$48.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,204.88	539.39
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	10.72	
02719-0152	LF	\$48.00/ton 3' High Stone Retaining Wall, Mortar Set.....	275.29	118.63
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.23	
02719-0153	LF	\$48.00/ton 4' High Stone Retaining Wall, Mortar Set.....	325.84	140.35
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.83	
02719-0154	LF	\$48.00/ton 6' High Stone Retaining Wall, Mortar Set.....	424.90	183.62
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	4.90	
02719-0155	LF	\$48.00/ton 8' High Stone Retaining Wall, Mortar Set.....	651.64	285.89
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	6.79	
02719-0156	LF	\$48.00/ton 10' High Stone Retaining Wall, Mortar Set.....	841.51	369.69
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	8.68	
02719-0157	LF	\$48.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,048.27	461.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	10.72	
02719-0158		Stone Retaining Walls <small>(02719-0118)</small>		
		Note: Stone at \$64.00/ton		
02719-0159	LF	\$64.00/ton 3' High Stone Retaining Wall, Dry Set.....	313.66	133.98
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.88	
02719-0160	LF	\$64.00/ton 4' High Stone Retaining Wall, Dry Set.....	362.85	159.40
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.74	
02719-0161	LF	\$64.00/ton 6' High Stone Retaining Wall, Dry Set.....	495.80	211.78
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	6.14	
02719-0162	LF	\$64.00/ton 8' High Stone Retaining Wall, Dry Set.....	763.89	331.12
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	8.64	
02719-0163	LF	\$64.00/ton 10' High Stone Retaining Wall, Dry Set.....	997.82	433.14
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	11.18	
02719-0164	LF	\$64.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,241.82	539.39
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	13.86	
02719-0165	LF	\$64.00/ton 3' High Stone Retaining Wall, Mortar Set.....	282.90	118.63
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	3.88	
02719-0166	LF	\$64.00/ton 4' High Stone Retaining Wall, Mortar Set.....	335.62	140.35
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	4.66	
02719-0167	LF	\$64.00/ton 6' High Stone Retaining Wall, Mortar Set.....	439.57	183.62
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	6.14	
02719-0168	LF	\$64.00/ton 8' High Stone Retaining Wall, Mortar Set.....	673.37	285.89
		<i>02MOD-0441 For > 1:3 Sloped Soil At Top, Add</i>	8.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02719-0169 LF \$64.00/ton 10' High Stone Retaining Wall, Mortar Set.....	870.85	369.69
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	11.18	
02719-0170 LF \$64.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,085.21	461.12
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	13.86	
02719-0171 Concrete Retaining Walls (02719)		
Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
02719-0172 LF 4' High With Base, 10" Thick Reinforced	248.39	92.93
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	5.32	
02719-0173 LF 6' High With Base, 10" Thick Reinforced	309.57	114.36
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	6.87	
02719-0174 LF 8' High With Base, 10" Thick Reinforced	336.99	123.36
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	7.67	
02719-0175 LF 10' High With Base, 13" Thick Reinforced	428.47	152.52
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	10.50	
02719-0176 LF 12' High With Base, 14" Thick Reinforced	493.72	175.19
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	12.18	
02719-0177 LF 16' High With Base, 16" Thick Reinforced	714.85	257.02
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	17.07	
02719-0178 LF 20' High With Base, 18" Thick Reinforced	981.71	354.83
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	23.12	
02719-0179 LF 4' High With Base, 12" Thick Reinforced	272.84	101.49
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	5.94	
02719-0180 LF 6' High With Base, 12" Thick Reinforced	333.63	122.29
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	7.57	
02719-0181 LF 8' High With Base, 12" Thick Reinforced	352.94	127.61
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	8.31	
02719-0182 LF 10' High With Base, 16" Thick Reinforced	484.76	171.01
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	12.13	
02719-0183 LF 12' High With Base, 18" Thick Reinforced	615.13	219.66
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	14.94	
02719-0184 LF 16' High With Base, 21" Thick Reinforced	923.00	332.97
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	21.86	
02719-0185 LF 20' High With Base, 24" Thick Reinforced	1,302.65	470.00
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	30.83	
02719-0186 Aluminized Steel Bin (02719)		
Note: Excludes excavation and backfill		
02719-0187 SF 4' High, 5.5' Deep Aluminized Steel Bin.....	26.32	3.50
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	1.64	
02MOD-0443 For Galvanized Type, Deduct	-1.93	
02719-0188 SF 8' High, 5.5' Deep Aluminized Steel Bin.....	29.32	3.50
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	1.89	
02MOD-0443 For Galvanized Type, Deduct	-2.22	
02719-0189 SF 10' High, 7.7' Deep Aluminized Steel Bin.....	31.33	3.83
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	2.01	
02MOD-0443 For Galvanized Type, Deduct	-2.37	
02719-0190 SF 12' High, 7.7' Deep Aluminized Steel Bin.....	35.68	4.33
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	2.30	
02MOD-0443 For Galvanized Type, Deduct	-2.70	
02719-0191 SF 16' High, 7.7' Deep Aluminized Steel Bin.....	34.48	4.48
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	2.17	
02MOD-0443 For Galvanized Type, Deduct	-2.56	
02719-0192 SF 16' High, 9.9' Deep Aluminized Steel Bin.....	38.26	4.57
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	2.48	
02MOD-0443 For Galvanized Type, Deduct	-2.92	
02719-0193 SF 20' High, 9.9' Deep Aluminized Steel Bin.....	42.37	4.81
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	2.78	
02MOD-0443 For Galvanized Type, Deduct	-3.27	
02719-0194 SF 20' High, 12.1' Deep Aluminized Steel Bin.....	43.41	5.06
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	2.84	
02MOD-0443 For Galvanized Type, Deduct	-3.34	
02719-0195 SF 24' High, 12.1' Deep Aluminized Steel Bin.....	45.57	5.06
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	3.01	
02MOD-0443 For Galvanized Type, Deduct	-3.55	
02719-0196 SF 24' High, 14.3' Deep Aluminized Steel Bin.....	47.74	5.14
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	3.19	
02MOD-0443 For Galvanized Type, Deduct	-3.75	
02719-0197 SF 28' High, 14.3' Deep Aluminized Steel Bin.....	49.30	5.23
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	3.31	
02MOD-0443 For Galvanized Type, Deduct	-3.89	
02719-0198 Pressure Treated Landscape Timbers (02719)		
02719-0199 LF 6" x 6" Pressure Treated Landscape Timbers	6.69	2.34
02MOD-0441 For > 1:3 Sloped Soil At Top, Add	0.17	

02720 Road And Parking Appurtenances (02700)

02000 Site Construction**02700 Site Improvements****02720 Road And Parking Appurtenances**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02720-0001		Metal Pipe Bollards <small>(02720)</small> Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 02711-0001 for augering and filling holes for bollards, 02711-0018 for concrete fill for post and post holes.		
02720-0002		Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powder Coated <small>(02720-0001)</small>		
02720-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	37.29	8.40
		02MOD-0444 For Galvanized Steel, Add	3.49	
		02MOD-0445 For 304 Stainless Steel, Add	27.68	
		02MOD-0446 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	91.16	
		02MOD-0449 For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	71.50	
		02MOD-0452 For Schedule 80, Add	4.75	
02720-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	49.12	8.40
		02MOD-0444 For Galvanized Steel, Add	5.50	
		02MOD-0445 For 304 Stainless Steel, Add	43.65	
		02MOD-0446 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	91.16	
		02MOD-0449 For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	71.50	
		02MOD-0452 For Schedule 80, Add	6.53	
02720-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	68.95	10.50
		02MOD-0444 For Galvanized Steel, Add	8.15	
		02MOD-0445 For 304 Stainless Steel, Add	64.73	
		02MOD-0447 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	122.00	
		02MOD-0450 For Each Sleeve For Removable, Lockable Bollard, Add	110.16	
		02MOD-0452 For Schedule 80, Add	9.29	
02720-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	90.81	12.59
		02MOD-0444 For Galvanized Steel, Add	11.15	
		02MOD-0445 For 304 Stainless Steel, Add	88.57	
		02MOD-0447 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	138.80	
		02MOD-0450 For Each Sleeve For Removable, Lockable Bollard, Add	118.56	
		02MOD-0452 For Schedule 80, Add	12.36	
02720-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	115.01	16.79
		02MOD-0444 For Galvanized Steel, Add	13.84	
		02MOD-0445 For 304 Stainless Steel, Add	109.92	
		02MOD-0448 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	193.36	
		02MOD-0451 For Each Sleeve For Removable, Lockable Bollard, Add	164.05	
		02MOD-0452 For Schedule 80, Add	15.57	
02720-0008		Concrete Bollards <small>(02720)</small> Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.		
02720-0009		Concrete Bollard, Exposed Aggregate <small>(02720-0008)</small>		
02720-0010	EA	12" x 12" x 30" High Concrete Bollard, Light Sandblast.....	396.22	67.18
		Note: Surface mounted with anchor bolts embedded into grout pockets.		
02720-0011	EA	12" Diameter x 30" High Concrete Bollard, Light Sandblast	396.22	67.18
		Note: Surface mounted with anchor bolts embedded into grout pockets.		
02720-0012		Wood Bollards <small>(02720)</small> Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 02711-0001 for augering and filling holes for bollards, 02711-0018 for concrete fill.		
02720-0013		Wood Bollard, Pressure Treated Timber <small>(02720-0012)</small>		
02720-0014	LF	4" x 4", Pressure Treated Wood Bollard	16.16	6.72
		02MOD-0453 For Each Sleeve For Removable, Lockable Bollard, Add	73.88	
02720-0015	LF	6" x 6", Pressure Treated Wood Bollard	19.03	6.72
		02MOD-0453 For Each Sleeve For Removable, Lockable Bollard, Add	73.88	
02720-0016	LF	8" x 8", Pressure Treated Wood Bollard	25.08	7.56
		02MOD-0454 For Each Sleeve For Removable, Lockable Bollard, Add	115.42	
02720-0017	LF	10" x 10", Pressure Treated Wood Bollard	35.70	10.07
		02MOD-0454 For Each Sleeve For Removable, Lockable Bollard, Add	125.52	
02720-0018	LF	12" x 12", Pressure Treated Wood Bollard	49.24	13.43
		02MOD-0455 For Each Sleeve For Removable, Lockable Bollard, Add	174.83	
02720-0019		Plastic Bollards <small>(02720)</small> See CSI section 02711-0001 for augering and filling holes for bollards.		
02720-0020		Recycled Plastic Bollards <small>(02720-0019)</small>		
02720-0021	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard.....	180.52	33.59
		Note: Includes anchor bolts.		
02720-0022	EA	6" Diameter x 6" Steel Reinforced Recycled Plastic Bollard.....	281.42	33.59
02720-0023		Plastic Bollard Covers <small>(02720-0019)</small>		
02720-0024	EA	4" Diameter x 60" Plastic Bollard Cover	80.29	17.38
02720-0025	EA	6" Diameter x 60" Plastic Bollard Cover	98.84	21.73
02720-0026	EA	8" Diameter x 60" Plastic Bollard Cover	118.52	21.73
02720-0027		Stone Bollards <small>(02720)</small>		
02720-0028		Granite Bollards <small>(02720-0027)</small>		
02720-0029	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish.....	927.86	83.97
		Note: Surface mounted with anchors embedded into grout pockets.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02720-0030	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish..... Note: Surface mounted with anchors embedded into grout pockets.	1,174.66	117.56
02720-0031	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	574.15	83.97
02720-0032	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	852.82	67.18
02720-0033	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section..... Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,274.24	67.18
02720-0034 Speed Bumps <small>(02720)</small>				
02720-0035	LF	10-1/2" x 2-1/4" Asphalt Speed Bump With Thermoplastic.....	27.02	1.30
02720-0036	LF	12" x 2-1/4" Recycled Rubber Speed Bump	25.76	0.87
02720-0037	LF	12" x 2-5/8" Recycled Plastic Speed Bump	44.75	0.87
02721 Guide Rails <small>(02700)</small>				
02721-0001 Corrugated Beam Guide Rail <small>(02721)</small>				
02721-0002	LF	Corrugated Steel Guard Rail, Galvanized Posts 6'-3" On Center	30.56	7.74
		<i>02MOD-0456 For Radius Bends, Add</i>	1.50	
02721-0003	LF	Corrugated Steel Guard Rail, Galvanized Posts 12'-6" On Center	22.02	5.15
		<i>02MOD-0456 For Radius Bends, Add</i>	1.50	
02721-0004	LF	Corrugated Steel Guard Rail, Wood Posts 6'-3" On Center.....	62.31	11.52
		<i>02MOD-0456 For Radius Bends, Add</i>	1.50	
02721-0005	LF	Corrugated Steel Guard Rail, Wood Posts 12'-6" On Center.....	35.91	11.52
		<i>02MOD-0456 For Radius Bends, Add</i>	1.50	
02721-0006	EA	Corrugated Steel Galvanized End Section, Flared	111.03	8.38
02721-0007	EA	Corrugated Steel Wrap-Around End Section	150.01	8.38
02721-0008	LF	Self Weathering Corrugated Steel Guard Rail Post 12' 6" On Center.....	79.18	5.15
		<i>02MOD-0457 For Radius Bends, Add</i>	1.50	
02721-0009	EA	Self Weathering Corrugated Steel End Section Flared	155.51	8.38
02721-0010	EA	Self Weathering Corrugated Steel Wrap Around End Section.....	202.67	8.38
02721-0011	EA	Guard Rail Anchorage Unit.....	649.97	43.19
02721-0012 Timber Guide Rails <small>(02721)</small>				
		Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
02721-0013 Timber Guide Rail Posts <small>(02721-0012)</small>				
02721-0014	EA	6" x 8" Timber Guide Rail Post	57.22	8.39
02721-0015	EA	6" x 9" Timber Guide Rail Post	64.54	8.39
02721-0016	EA	10" x 10" Timber Guide Rail Post	121.90	8.39
02721-0017	EA	10" x 12" Timber Guide Rail Post	128.74	8.39
02721-0018	EA	12" x 12" Timber Guide Rail Post	148.24	8.39
02721-0019 Timber Guide Rails <small>(02721-0012)</small>				
		Note: Excludes posts, spacer blocks and steel backup plates.		
02721-0020	LF	4" x 9" Timber Guide Rail.....	7.08	1.00
02721-0021	LF	6" x 10" Timber Guide Rail.....	9.71	1.00
02721-0022	LF	6" x 12" Timber Guide Rail.....	11.26	1.00
02721-0023 Spacer Blocks For Timber Guide Rails <small>(02721-0012)</small>				
02721-0024	EA	4" x 9" Spacer Block For Timber Guide Rails	9.24	1.34
02721-0025	EA	6" x 8" Spacer Block For Timber Guide Rails	10.50	1.34
02721-0026	EA	8" x 8" Spacer Block For Timber Guide Rails	12.11	1.34
02721-0027 Weathering Steel Backup Plates For Timber Guide Rails <small>(02721-0012)</small>				
02721-0028	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails.....	12.23	0.84
02721-0029 Weathering Steel Splice And Bearing Plates For Timber Guide Rails <small>(02721-0012)</small>				
02721-0030	EA	Weathering Steel Splice Plate For Timber Guide Rails	88.68	11.74
02721-0031	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails.....	56.25	8.39
02721-0032 Cable Guide Rail <small>(02721)</small>				
02721-0033	LF	Cable Guard Rail Steel Post 3 Cables At 3/4" Diameter.....	25.35	1.93
02721-0034	LF	Cable Guard Rail Wood Post 3 Cables At 3/4" Diameter.....	14.45	1.93
02721-0035	LF	Cable Guard Rail Steel Post 3 Cables, Double Faced At 3/4" Diameter.....	58.24	0.65
02721-0036	LF	Cable Guard Rail Wood Post 3 Cables, Double Faced At 3/4" Diameter	25.02	0.65
02721-0037	EA	Cable Guard Rail Breakaway Wood Post.....	307.61	43.19
02721-0038 6" x 6" Box Beam Guide Rail <small>(02721)</small>				
02721-0039	LF	Guide Rail, 6' x 6" Steel Box Beam.....	51.24	4.51
02721-0040	EA	Guide Rail End Assembly	135.39	13.53

02000 Site Construction**02700 Site Improvements****02721 Guide Rails**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02721-0041		6" x 8" Box Beam Median Barrier (02721)		
02721-0042	LF	Median Barrier, 6" x 8" Steel Box Beam	61.84	5.15
02721-0043	LF	Median Barrier, Shop Curved	44.95	7.09
02721-0044	LF	Median Barrier, Corrugated Beam	20.39	1.93
02721-0045		Resilient Guard Fence And Light Shield (02721)		
02721-0046	LF	Resilient Guard Fence And Light Shield, Up To 6' High	48.81	5.15
02721-0047		Individual Concrete Posts (02721)		
02721-0048	EA	6'-5" Concrete Posts, Round	59.16	5.15
02721-0049	EA	6'-5" Concrete Posts, Square	66.20	5.80
02721-0050	EA	6'-5" Concrete Posts, Triangular	64.53	5.80
02721-0051		Concrete Median Barrier (02721)		
02721-0052	LF	Median Barrier, Precast, 3'-6" High Single Face	43.91	2.93
02721-0053	LF	Median Barrier, Precast, 2' Wide Double Face	50.53	2.93
02721-0054	LF	Median Barrier, Cast In Place With Steel Forms	29.16	3.73
02721-0055	LF	Median Barrier, Slipformed Concrete	25.91	2.37
02722		Traffic Signage (02700)		
02722-0001		Traffic Signs (02722)		
02722-0002		Reflectorized Stop Signs And Other Traffic Signs (02722-0001) Note: Excludes posts.		
02722-0003		Aluminum Engineer Grade Stop Signs (02722-0002)		
02722-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	50.41	14.48
		02MOD-0555 For Hi-Intensity Grade, Add	6.44	
		02MOD-0560 For Diamond Grade, Add	12.23	
02722-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	58.62	15.32
		02MOD-0556 For Hi-Intensity Grade, Add	8.42	
		02MOD-0561 For Diamond Grade, Add	15.99	
02722-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	63.53	16.09
		02MOD-0557 For Hi-Intensity Grade, Add	12.85	
		02MOD-0562 For Diamond Grade, Add	20.38	
02722-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	73.93	16.93
		02MOD-0558 For Hi-Intensity Grade, Add	4.82	
		02MOD-0563 For Diamond Grade, Add	26.10	
02722-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	99.75	17.70
		02MOD-0559 For Hi-Intensity Grade, Add	14.16	
		02MOD-0564 For Diamond Grade, Add	44.40	
02722-0009		Other Reflectorized Traffic Signs (02722-0002) Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
02722-0010		Aluminum Engineer Grade Traffic Signs (02722-0009)		
02722-0011	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	31.06	12.87
		02MOD-0577 For Hi-Intensity Grade, Add	1.59	
02722-0012	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	33.72	12.87
		02MOD-0577 For Hi-Intensity Grade, Add	2.39	
02722-0013	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	33.72	12.87
		02MOD-0577 For Hi-Intensity Grade, Add	2.39	
02722-0014	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	35.71	12.87
		02MOD-0577 For Hi-Intensity Grade, Add	2.99	
02722-0015	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	37.71	12.87
		02MOD-0577 For Hi-Intensity Grade, Add	3.59	
02722-0016	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	43.29	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	4.78	
02722-0017	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	59.23	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	9.56	
02722-0018	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	36.38	12.87
		02MOD-0577 For Hi-Intensity Grade, Add	3.19	
02722-0019	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	43.29	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	4.78	
02722-0020	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	48.60	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	6.38	
02722-0021	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	53.92	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	7.97	
02722-0022	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	59.23	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	9.56	
02722-0023	EA	17" x 22" Aluminum Engineer Grade Traffic Sign	54.95	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	8.28	
02722-0024	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	51.26	13.68
		02MOD-0577 For Hi-Intensity Grade, Add	7.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02722-0025 EA 18" x 24" Aluminum Engineer Grade Traffic Sign 59.23		13.68
02MOD-0577 For Hi-Intensity Grade, Add 9.56		
02722-0026 EA 18" x 30" Aluminum Engineer Grade Traffic Sign 68.81		14.48
02MOD-0577 For Hi-Intensity Grade, Add 11.96		
02722-0027 EA 18" x 36" Aluminum Engineer Grade Traffic Sign 76.78		14.48
02MOD-0577 For Hi-Intensity Grade, Add 14.35		
02722-0028 EA 18" x 54" Aluminum Engineer Grade Traffic Sign 107.13		17.70
02MOD-0577 For Hi-Intensity Grade, Add 21.52		
02722-0029 EA 24" x 24" Aluminum Engineer Grade Traffic Sign 71.47		14.48
02MOD-0577 For Hi-Intensity Grade, Add 12.75		
02722-0030 EA 24" x 30" Aluminum Engineer Grade Traffic Sign 82.10		14.48
02MOD-0577 For Hi-Intensity Grade, Add 15.94		
02722-0031 EA 24" x 36" Aluminum Engineer Grade Traffic Sign 92.72		14.48
02MOD-0577 For Hi-Intensity Grade, Add 19.13		
02722-0032 EA 24" x 42" Aluminum Engineer Grade Traffic Sign 109.79		17.70
02MOD-0577 For Hi-Intensity Grade, Add 22.32		
02722-0033 EA 24" x 48" Aluminum Engineer Grade Traffic Sign 120.42		17.70
02MOD-0577 For Hi-Intensity Grade, Add 25.51		
02722-0034 EA 24" x 54" Aluminum Engineer Grade Traffic Sign 131.04		17.70
02MOD-0577 For Hi-Intensity Grade, Add 28.69		
02722-0035 EA 30" x 30" Aluminum Engineer Grade Traffic Sign 95.38		14.48
02MOD-0577 For Hi-Intensity Grade, Add 19.93		
02722-0036 EA 30" x 36" Aluminum Engineer Grade Traffic Sign 115.10		17.70
02MOD-0577 For Hi-Intensity Grade, Add 23.91		
02722-0037 EA 30" x 42" Aluminum Engineer Grade Traffic Sign 128.39		17.70
02MOD-0577 For Hi-Intensity Grade, Add 27.90		
02722-0038 EA 30" x 48" Aluminum Engineer Grade Traffic Sign 148.10		20.92
02MOD-0577 For Hi-Intensity Grade, Add 31.88		
02722-0039 EA 30" x 60" Aluminum Engineer Grade Traffic Sign 181.11		24.13
02MOD-0577 For Hi-Intensity Grade, Add 39.85		
02722-0040 EA 36" x 36" Aluminum Engineer Grade Traffic Sign 131.04		17.70
02MOD-0577 For Hi-Intensity Grade, Add 28.69		
02722-0041 EA 36" x 42" Aluminum Engineer Grade Traffic Sign 153.42		20.92
02MOD-0577 For Hi-Intensity Grade, Add 33.48		
02722-0042 EA 36" x 48" Aluminum Engineer Grade Traffic Sign 175.80		24.13
02MOD-0577 For Hi-Intensity Grade, Add 38.26		
02722-0043 EA 36" x 54" Aluminum Engineer Grade Traffic Sign 191.74		24.13
02MOD-0577 For Hi-Intensity Grade, Add 43.04		
02722-0044 EA 36" x 60" Aluminum Engineer Grade Traffic Sign 214.12		27.35
02MOD-0577 For Hi-Intensity Grade, Add 47.82		
02722-0045 EA 36" x 73" Aluminum Engineer Grade Traffic Sign 255.10		30.57
02MOD-0577 For Hi-Intensity Grade, Add 58.19		
02722-0046 EA 36" x 78" Aluminum Engineer Grade Traffic Sign 268.38		30.57
02MOD-0577 For Hi-Intensity Grade, Add 62.17		
02722-0047 EA 36" x 108" Aluminum Engineer Grade Traffic Sign 357.73		35.40
02MOD-0577 For Hi-Intensity Grade, Add 86.08		
02722-0048 EA 42" x 42" Aluminum Engineer Grade Traffic Sign 178.45		24.13
02MOD-0577 For Hi-Intensity Grade, Add 39.05		
02722-0049 EA 48" x 48" Aluminum Engineer Grade Traffic Sign 224.75		27.35
02MOD-0577 For Hi-Intensity Grade, Add 51.01		
02722-0050 EA 48" x 54" Aluminum Engineer Grade Traffic Sign 252.44		30.57
02MOD-0577 For Hi-Intensity Grade, Add 57.39		
02722-0051 EA 48" x 60" Aluminum Engineer Grade Traffic Sign 273.69		30.57
02MOD-0577 For Hi-Intensity Grade, Add 63.76		
02722-0052 EA 48" x 66" Aluminum Engineer Grade Traffic Sign 304.60		35.40
02MOD-0577 For Hi-Intensity Grade, Add 70.14		
02722-0053 EA 48" x 72" Aluminum Engineer Grade Traffic Sign 325.85		35.40
02MOD-0577 For Hi-Intensity Grade, Add 76.52		
02722-0054 EA 48" x 84" Aluminum Engineer Grade Traffic Sign 374.79		38.62
02MOD-0577 For Hi-Intensity Grade, Add 89.27		
02722-0055 EA 48" x 96" Aluminum Engineer Grade Traffic Sign 417.30		38.62
02MOD-0577 For Hi-Intensity Grade, Add 102.02		
02722-0056 EA 48" x 102" Aluminum Engineer Grade Traffic Sign 438.55		38.62
02MOD-0577 For Hi-Intensity Grade, Add 108.40		
02722-0057 EA 48" x 108" Aluminum Engineer Grade Traffic Sign 463.03		40.23
02MOD-0577 For Hi-Intensity Grade, Add 114.77		
02722-0058 EA 60" x 72" Aluminum Engineer Grade Traffic Sign 396.05		38.62
02MOD-0577 For Hi-Intensity Grade, Add 95.65		
02722-0059 EA 78" x 96" Aluminum Engineer Grade Traffic Sign 633.06		40.23
02MOD-0577 For Hi-Intensity Grade, Add 165.78		
02722-0060 Non-ReflectORIZED Traffic Signs (02722-0001)		
Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.		
02722-0061 Steel Non-ReflectORIZED Traffic Signs (02722-0060)		
02722-0062 EA 6" x 12" Steel Non-ReflectORIZED Traffic Sign 30.34		12.87
02722-0063 EA 6" x 18" Steel Non-ReflectORIZED Traffic Sign 32.64		12.87
02722-0064 EA 9" x 12" Steel Non-ReflectORIZED Traffic Sign 32.64		12.87
02722-0065 EA 9" x 15" Steel Non-ReflectORIZED Traffic Sign 34.36		12.87
02722-0066 EA 9" x 18" Steel Non-ReflectORIZED Traffic Sign 36.09		12.87
02722-0067 EA 9" x 24" Steel Non-ReflectORIZED Traffic Sign 41.13		13.68
02722-0068 EA 9" x 48" Steel Non-ReflectORIZED Traffic Sign 54.91		13.68
02722-0069 EA 12" x 12" Steel Non-ReflectORIZED Traffic Sign 34.94		12.87



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02722-0070	EA	12" x 18" Steel Non-Reflectorized Traffic Sign.....	41.13	13.68
02722-0071	EA	12" x 24" Steel Non-Reflectorized Traffic Sign.....	45.72	13.68
02722-0072	EA	12" x 30" Steel Non-Reflectorized Traffic Sign.....	50.32	13.68
02722-0073	EA	12" x 36" Steel Non-Reflectorized Traffic Sign.....	54.91	13.68
02722-0074	EA	18" x 18" Steel Non-Reflectorized Traffic Sign.....	48.02	13.68
02722-0075	EA	18" x 24" Steel Non-Reflectorized Traffic Sign.....	54.91	13.68
02722-0076	EA	18" x 30" Steel Non-Reflectorized Traffic Sign.....	63.41	14.48
02722-0077	EA	18" x 36" Steel Non-Reflectorized Traffic Sign.....	70.30	14.48
02722-0078	EA	18" x 54" Steel Non-Reflectorized Traffic Sign.....	97.41	17.70
02722-0079	EA	24" x 24" Steel Non-Reflectorized Traffic Sign.....	65.71	14.48
02722-0080	EA	24" x 30" Steel Non-Reflectorized Traffic Sign.....	74.90	14.48
02722-0081	EA	24" x 36" Steel Non-Reflectorized Traffic Sign.....	84.08	14.48
02722-0082	EA	24" x 42" Steel Non-Reflectorized Traffic Sign.....	99.71	17.70
02722-0083	EA	24" x 48" Steel Non-Reflectorized Traffic Sign.....	108.90	17.70
02722-0084	EA	24" x 54" Steel Non-Reflectorized Traffic Sign.....	118.08	17.70
02722-0085	EA	30" x 30" Steel Non-Reflectorized Traffic Sign.....	86.38	14.48
02722-0086	EA	30" x 36" Steel Non-Reflectorized Traffic Sign.....	104.30	17.70
02722-0087	EA	30" x 42" Steel Non-Reflectorized Traffic Sign.....	115.79	17.70
02722-0088	EA	30" x 48" Steel Non-Reflectorized Traffic Sign.....	133.70	20.92
02722-0089	EA	30" x 60" Steel Non-Reflectorized Traffic Sign.....	163.11	24.13
02722-0090	EA	36" x 36" Steel Non-Reflectorized Traffic Sign.....	118.08	17.70
02722-0091	EA	36" x 42" Steel Non-Reflectorized Traffic Sign.....	138.30	20.92
02722-0092	EA	36" x 48" Steel Non-Reflectorized Traffic Sign.....	158.52	24.13
02722-0093	EA	36" x 54" Steel Non-Reflectorized Traffic Sign.....	172.30	24.13
02722-0094	EA	36" x 60" Steel Non-Reflectorized Traffic Sign.....	192.52	27.35
02722-0095	EA	36" x 73" Steel Non-Reflectorized Traffic Sign.....	228.82	30.57
02722-0096	EA	36" x 78" Steel Non-Reflectorized Traffic Sign.....	240.30	30.57
02722-0097	EA	36" x 108" Steel Non-Reflectorized Traffic Sign.....	318.85	35.40
02722-0098	EA	42" x 42" Steel Non-Reflectorized Traffic Sign.....	160.81	24.13
02722-0099	EA	48" x 48" Steel Non-Reflectorized Traffic Sign.....	201.71	27.35
02722-0100	EA	48" x 54" Steel Non-Reflectorized Traffic Sign.....	226.52	30.57
02722-0101	EA	48" x 60" Steel Non-Reflectorized Traffic Sign.....	244.89	30.57
02722-0102	EA	48" x 66" Steel Non-Reflectorized Traffic Sign.....	272.92	35.40
02722-0103	EA	48" x 72" Steel Non-Reflectorized Traffic Sign.....	291.29	35.40
02722-0104	EA	48" x 84" Steel Non-Reflectorized Traffic Sign.....	334.47	38.62
02722-0105	EA	48" x 96" Steel Non-Reflectorized Traffic Sign.....	371.22	38.62
02722-0106	EA	48" x 102" Steel Non-Reflectorized Traffic Sign.....	389.59	38.62
02722-0107	EA	48" x 108" Steel Non-Reflectorized Traffic Sign.....	411.19	40.23
02722-0108	EA	60" x 72" Steel Non-Reflectorized Traffic Sign.....	352.85	38.62
02722-0109	EA	78" x 96" Steel Non-Reflectorized Traffic Sign.....	558.18	40.23
02722-0110 Aluminum Non-Reflectorized Traffic Signs (02722-0060)				
02722-0111	EA	6" x 12" Aluminum Non-Reflectorized Traffic Sign.....	30.53	12.87
02722-0112	EA	6" x 18" Aluminum Non-Reflectorized Traffic Sign.....	32.92	12.87
02722-0113	EA	9" x 12" Aluminum Non-Reflectorized Traffic Sign.....	32.92	12.87
02722-0114	EA	9" x 15" Aluminum Non-Reflectorized Traffic Sign.....	34.71	12.87
02722-0115	EA	9" x 18" Aluminum Non-Reflectorized Traffic Sign.....	36.51	12.87
02722-0116	EA	9" x 24" Aluminum Non-Reflectorized Traffic Sign.....	41.69	13.68
02722-0117	EA	9" x 48" Aluminum Non-Reflectorized Traffic Sign.....	56.03	13.68
02722-0118	EA	12" x 12" Aluminum Non-Reflectorized Traffic Sign.....	35.31	12.87
02722-0119	EA	12" x 18" Aluminum Non-Reflectorized Traffic Sign.....	41.69	13.68
02722-0120	EA	12" x 24" Aluminum Non-Reflectorized Traffic Sign.....	46.47	13.68
02722-0121	EA	12" x 30" Aluminum Non-Reflectorized Traffic Sign.....	51.25	13.68
02722-0122	EA	12" x 36" Aluminum Non-Reflectorized Traffic Sign.....	56.03	13.68
02722-0123	EA	18" x 18" Aluminum Non-Reflectorized Traffic Sign.....	48.86	13.68
02722-0124	EA	18" x 24" Aluminum Non-Reflectorized Traffic Sign.....	56.03	13.68
02722-0125	EA	18" x 30" Aluminum Non-Reflectorized Traffic Sign.....	64.82	14.48
02722-0126	EA	18" x 36" Aluminum Non-Reflectorized Traffic Sign.....	71.99	14.48
02722-0127	EA	18" x 54" Aluminum Non-Reflectorized Traffic Sign.....	99.94	17.70
02722-0128	EA	24" x 24" Aluminum Non-Reflectorized Traffic Sign.....	67.21	14.48
02722-0129	EA	24" x 30" Aluminum Non-Reflectorized Traffic Sign.....	76.77	14.48
02722-0130	EA	24" x 36" Aluminum Non-Reflectorized Traffic Sign.....	86.33	14.48
02722-0131	EA	24" x 42" Aluminum Non-Reflectorized Traffic Sign.....	102.33	17.70
02722-0132	EA	24" x 48" Aluminum Non-Reflectorized Traffic Sign.....	111.89	17.70
02722-0133	EA	24" x 54" Aluminum Non-Reflectorized Traffic Sign.....	121.45	17.70
02722-0134	EA	30" x 30" Aluminum Non-Reflectorized Traffic Sign.....	88.72	14.48
02722-0135	EA	30" x 36" Aluminum Non-Reflectorized Traffic Sign.....	107.11	17.70
02722-0136	EA	30" x 42" Aluminum Non-Reflectorized Traffic Sign.....	119.06	17.70
02722-0137	EA	30" x 48" Aluminum Non-Reflectorized Traffic Sign.....	137.45	20.92
02722-0138	EA	30" x 60" Aluminum Non-Reflectorized Traffic Sign.....	167.79	24.13
02722-0139	EA	36" x 36" Aluminum Non-Reflectorized Traffic Sign.....	121.45	17.70
02722-0140	EA	36" x 42" Aluminum Non-Reflectorized Traffic Sign.....	142.23	20.92
02722-0141	EA	36" x 48" Aluminum Non-Reflectorized Traffic Sign.....	163.01	24.13
02722-0142	EA	36" x 54" Aluminum Non-Reflectorized Traffic Sign.....	177.35	24.13
02722-0143	EA	36" x 60" Aluminum Non-Reflectorized Traffic Sign.....	198.13	27.35
02722-0144	EA	36" x 73" Aluminum Non-Reflectorized Traffic Sign.....	235.65	30.57
02722-0145	EA	36" x 78" Aluminum Non-Reflectorized Traffic Sign.....	247.60	30.57
02722-0146	EA	36" x 108" Aluminum Non-Reflectorized Traffic Sign.....	328.96	35.40
02722-0147	EA	42" x 42" Aluminum Non-Reflectorized Traffic Sign.....	165.40	24.13
02722-0148	EA	48" x 48" Aluminum Non-Reflectorized Traffic Sign.....	207.70	27.35



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02722-0149 EA 48" x 54" Aluminum Non-ReflectORIZED Traffic Sign.....	233.26	30.57
02722-0150 EA 48" x 60" Aluminum Non-ReflectORIZED Traffic Sign.....	252.38	30.57
02722-0151 EA 48" x 66" Aluminum Non-ReflectORIZED Traffic Sign.....	281.16	35.40
02722-0152 EA 48" x 72" Aluminum Non-ReflectORIZED Traffic Sign.....	300.28	35.40
02722-0153 EA 48" x 84" Aluminum Non-ReflectORIZED Traffic Sign.....	344.95	38.62
02722-0154 EA 48" x 96" Aluminum Non-ReflectORIZED Traffic Sign.....	383.20	38.62
02722-0155 EA 48" x 102" Aluminum Non-ReflectORIZED Traffic Sign.....	402.32	38.62
02722-0156 EA 48" x 108" Aluminum Non-ReflectORIZED Traffic Sign.....	424.67	40.23
02722-0157 EA 60" x 72" Aluminum Non-ReflectORIZED Traffic Sign.....	364.08	38.62
02722-0158 EA 78" x 96" Aluminum Non-ReflectORIZED Traffic Sign.....	577.65	40.23
02722-0159 Aluminum Street Signs (02722-0001) Note: Excludes posts.		
02722-0160 Aluminum Engineer Grade Street Signs (02722-0159)		
02722-0161 EA 6" High, Aluminum Engineer Grade Street Sign	56.81	6.43
02MOD-0577 For Hi-Intensity Grade, Add	13.18	
02722-0162 EA 8" High, Aluminum Engineer Grade Street Sign	64.57	6.43
02MOD-0577 For Hi-Intensity Grade, Add	15.51	
02722-0163 EA 9" High, Aluminum Engineer Grade Street Sign	70.35	6.43
02MOD-0577 For Hi-Intensity Grade, Add	17.24	
02722-0164 Street Sign Accessories (02722-0159)		
02722-0165 EA Post Cap And Single Bracket For Street Sign.....	17.00	3.22
02722-0166 EA Post Cap And Double Bracket For Street Sign.....	17.00	3.22
02722-0167 Sign Posts (02722-0001) Note: Excludes sign. See CSI section 02711-0001 for auguring of holes and backfill.		
02722-0168 U-Channel Sign Posts (02722-0167) Note: Excludes digging and concrete.		
02722-0169 Baked Enamel U-Channel Sign Posts (02722-0168)		
02722-0170 EA 3' To 4' Baked Enamel U-Channel Sign Post Base	44.62	13.14
02722-0171 EA 6' Baked Enamel U-Channel Sign Post	58.64	16.43
02722-0172 EA 7' Baked Enamel U-Channel Sign Post	70.01	19.71
02722-0173 EA 8' Baked Enamel U-Channel Sign Post	81.98	22.99
02722-0174 EA 10' Baked Enamel U-Channel Sign Post	98.90	27.92
02722-0175 EA 12' Baked Enamel U-Channel Sign Post	101.84	27.92
02722-0176 Galvanized Steel U-Channel Sign Posts (02722-0168)		
02722-0177 EA 3' To 4' Galvanized Steel U-Channel Sign Post Base.....	48.40	13.14
02722-0178 EA 6' Galvanized Steel U-Channel Sign Post.....	64.64	16.43
02722-0179 EA 7' Galvanized Steel U-Channel Sign Post.....	83.58	19.71
02722-0180 EA 8' Galvanized Steel U-Channel Sign Post.....	96.98	22.99
02722-0181 EA 10' Galvanized Steel U-Channel Sign Post.....	109.82	27.92
02722-0182 EA 12' Galvanized Steel U-Channel Sign Post.....	111.34	27.92
02722-0183 Fiberglass Or Composite Plastic U-Channel Sign Posts (02722-0168)		
02722-0184 EA 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	43.73	13.14
02722-0185 EA 6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	56.70	16.43
02722-0186 EA 7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	67.67	19.71
02722-0187 EA 8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	79.19	22.99
02722-0188 EA 10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	93.84	27.92
02722-0189 EA 12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	98.84	27.92
02722-0190 Tubular Sign Posts (02722-0167) Note: Excludes digging and concrete.		
02722-0191 2-3/8" Diameter, Galvanized Steel Tubular Sign Post (02722-0190)		
02722-0192 EA 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	65.26	16.43
02722-0193 EA 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	77.42	19.71
02722-0194 EA 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	91.48	22.99
02722-0195 EA 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	118.03	27.92
02722-0196 EA 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	128.33	27.92
02722-0197 Square Sign Posts (02722-0167) Note: Excludes digging and concrete.		
02722-0198 Galvanized Steel Square Sign Posts (02722-0197)		
02722-0199 EA 3' To 4' Galvanized Steel Square Sign Post Base	49.24	13.14
02722-0200 EA 6' Galvanized Steel Square Sign Post	78.85	16.43
02722-0201 EA 7' Galvanized Steel Square Sign Post	92.42	19.71
02722-0202 EA 8' Galvanized Steel Square Sign Post	107.80	22.99
02722-0203 EA 10' Galvanized Steel Square Sign Post	131.65	27.92
02722-0204 EA 12' Galvanized Steel Square Sign Post	138.84	27.92

02000 Site Construction**02700 Site Improvements****02722 Traffic Signage**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02722-0205		Sign Post Accessories (02722-0001)		
02722-0206		Sign Post Brackets (02722-0205)		
02722-0207	EA	2-3/8" Outside Diameter, Single Sign Bracket Set	22.34	4.83
02722-0208	EA	2-3/8" Outside Diameter, Double Sign Bracket Set	40.38	8.05
02722-0209	EA	10 cm - 37 cm Diameter, Buckle Bracket Set	34.86	6.43
02722-0210		Sign Post Caps (02722-0205)		
02722-0211	EA	Traffic Sign Post Cap	12.32	3.22
02722-0212		Sign Post Replacement Bolts (02722-0205)		
02722-0213	EA	Signage Fasteners, 2 Bolts, 2 Nuts And 4 Washers	8.42	
02722-0214		Removal Of Signs (02722)		
		Note: Includes structural supports.		
02722-0215	EA	>4 SF To 10 SF Sign Area, Sign Removal	128.72	
02722-0216	EA	>10 SF To 20 SF Sign Area, Sign Removal	308.93	
02722-0217	EA	>20 SF To 40 SF Sign Area, Sign Removal	463.39	
02722-0218	EA	>40 SF To 100 SF Sign Area, Sign Removal	751.49	
02722-0219		Remove And Reinstall Signs (02722)		
		Note: Includes structural supports.		
02722-0220	EA	>4 SF To 10 SF Sign Area, Remove And Reinstall Sign	196.38	
02722-0221	EA	>10 SF To 20 SF Sign Area, Remove And Reinstall Sign	465.74	
02722-0222	EA	>20 SF To 40 SF Sign Area, Remove And Reinstall Sign	697.09	
02722-0223	EA	>40 SF To 100 SF Sign Area, Remove And Reinstall Sign	1,129.09	
02722-0224	EA	Remove And Reinstall Street Sign On Post	74.01	
02722-0225	EA	Remove And Relocate Traffic Light	257.03	
		Note: Excludes electrical hookup.		
02725		Parking Barriers And Equipment (02700)		
02725-0001		Types Of Barriers (02725)		
02725-0002	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	7.21	1.29
02725-0003	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	9.27	1.29
02725-0004	EA	Folding Barrier With Individual Padlocks 3" Diameter Flexible Fixed Stanchion, 3' High	105.42	12.89
02725-0005	EA	3" Diameter Flexible Fixed Stanchion, 2' High	39.63	6.44
02725-0006	LF	12" x 6" Precast Concrete Barrier With Dowels	45.47	1.29
02725-0007		Vehicle Wheel Stops (02725)		
		Note: Includes dowels set		
02725-0008		Reinforced Precast Concrete (02725-0007)		
02725-0009	EA	6" x 8" x 4' Precast Concrete Wheel Stop	37.79	16.12
02725-0010	EA	6" x 6" x 6' Precast Concrete Wheel Stop	43.70	16.12
02725-0011	EA	6" x 8" x 6' Precast Concrete Wheel Stop	44.56	16.12
02725-0012	EA	6" x 10" x 6' Precast Concrete Wheel Stop	46.32	16.12
02725-0013	EA	8" x 4-1/2" x 6' Precast Concrete Wheel Stop	43.70	16.12
02725-0014	EA	8" x 13" x 6' Precast Concrete Wheel Stop	53.42	16.12
02725-0015		High Strength, Rubber Resin (02725-0007)		
02725-0016	EA	3' Rubber Bumper Wheel Stop	25.82	5.35
02725-0017	EA	4' Rubber Bumper Wheel Stop	30.50	5.35
02725-0018	EA	5' Rubber Bumper Wheel Stop	32.37	5.35
02725-0019	EA	6' Rubber Bumper Wheel Stop	35.18	5.35
02725-0020		Recycled Plastic (02725-0007)		
02725-0021	EA	4" x 6" x 4' Wheel Stop, Recycled Plastic	70.48	5.35
02725-0022	EA	4" x 6" x 6' Wheel Stop, Recycled Plastic	79.11	5.35
02725-0023		Remove And Relocate Stops (02725-0007)		
02725-0024	EA	Remove And Relocate Precast Concrete Wheel Stop	25.78	
02725-0025	EA	Remove And Relocate Plastic Or Wood Wheel Stop	16.76	

02726 Impact Barrier And Rails (02700)**02726-0001 Impact Barrier And Rails** (02726)



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02726-0002	Impact Barrier, Non-Redirective (02726-0001)		
02726-0003	Sand Barrel Impact Attenuator (02726-0002)		
	Note: Includes containers, inserts, and lid. Excludes sand		
02726-0004	EA 200, 400 Or 700 lb Sand Barrel	469.91	37.06
	Note: Includes containers, inserts, and lid.		
02726-0005	Guard Rail Energy Absorbing Terminals (02726-0001)		
	Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
02726-0006	24" Wide Guard Rail Energy Absorbing Terminals (02726-0005)		
02726-0007	EA 24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	16,819.96	2,504.96
02726-0008	EA 24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	23,059.81	3,339.95
02726-0009	EA 24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	31,094.40	4,383.69
02726-0010	EA 24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	35,759.15	5,427.42
02726-0011	30" Wide Guard Rail Energy Absorbing Terminals (02726-0005)		
02726-0012	EA 30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	18,372.20	2,818.08
02726-0013	EA 30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	25,229.94	3,757.45
02726-0014	EA 30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	34,309.31	5,009.92
02726-0015	EA 30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	39,974.83	6,053.66
02726-0016	36" Wide Guard Rail Energy Absorbing Terminals (02726-0005)		
02726-0017	EA 36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	19,934.67	3,131.21
02726-0018	EA 36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	27,409.76	4,174.94
02726-0019	EA 36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	37,097.68	5,531.79
02726-0020	EA 36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	44,179.61	6,679.91
02726-0021	69" Wide Guard Rail Energy Absorbing Terminals (02726-0005)		
02726-0022	EA 69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	21,702.54	3,444.33
02726-0023	EA 69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	29,669.55	4,592.43
02726-0024	EA 69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	40,204.83	6,053.66
02726-0025	EA 69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	47,723.49	7,306.15
02726-0026	90" Wide Guard Rail Energy Absorbing Terminals (02726-0005)		
02726-0027	EA 90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	23,499.94	3,757.45
02726-0028	EA 90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	31,964.31	5,009.92
02726-0029	EA 90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	43,799.61	6,679.91
02726-0030	EA 90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	51,330.50	7,932.38
02730	Playing Fields (02700)		
02730-0001	Metal Bleachers, Outdoor, Portable (02730)		
	Note: Average seating is 1.5'		
02730-0002	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher (02730-0001)		
02730-0003	SEA 2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat.....	42.57	3.17
	02MOD-0458 For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	165.00	
	02MOD-0459 For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	335.00	
02730-0004	4 To 15 Rows, Non-Elevated Portable Aluminum Bleacher (02730-0001)		
	Note: Includes side and back fence		
02730-0005	SEA 4 To 15 Rows, Non-Elevated Portable Aluminum Bleacher.....	53.20	3.17
	Note: Including side and back fence		
	02MOD-0460 For Elevated Structure (Includes Additional Front Rail And Side Steps On Both Front Sides), Add	35.00	
02730-0006	5 To 15 Rows, Non-Elevated Portable Aluminum Bleacher (02730-0001)		
	Note: Includes side and back fence and center aisle with rails		
02730-0007	SEA 5 To 15 Rows, Non-Elevated Portable Aluminum Bleacher.....	78.66	3.56
	Note: Including side and back fence and center aisle with hand rails		
	02MOD-0460 For Elevated Structure (Includes Additional Front Rail And Side Steps On Both Front Sides), Add	35.00	
02730-0008	Permanent Grandstands, Wood Seat, Steel Frame (02730)		
02730-0009	3 To 15 Tiers (02730-0008)		
02730-0010	SEA 3-15 Tier Permanent Grandstand Price Per Seat	60.73	6.33
02730-0011	16 To 30 Tiers (02730-0008)		
02730-0012	SEA 16-30 Tier Permanent Grandstand Price Per Seat	92.90	7.13

02000 Site Construction**02700 Site Improvements****02730 Playing Fields**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0013		Outdoor Seats (02730)		
02730-0014		Seat Backs Only (02730-0013)		
02730-0015	EA	Fiberglass Seat Backs	21.32	2.38
02730-0016	EA	Steel And Wood Seat Backs	28.51	2.38
02730-0017		Seat Renewal, Cover With Fiberglass On Wood (02730-0013)		
02730-0018	EA	Renew Plain Bench Seats Without Back Cover With Fiberglass On Wood	15.81	1.29
02730-0019	EA	Renew Seats With Backs Cover With Fiberglass On Wood	33.90	3.22
02730-0020		Color Coated Round Steel Pipe (02730-0013)		
		Note: With perforated steel seating surface		
02730-0021	EA	Seat 6.17' Long Without Back	500.99	74.47
02730-0022	EA	Bench 6.17' Long With Back	597.25	74.47
02730-0023		Color Coated Square Steel Frames (02730-0013)		
		Note: With flat steel slats		
02730-0024	EA	Seat 5.08' Long With Arms, No Back	772.77	74.47
02730-0025	EA	Seat 6.08' Long With Arms, No Back	795.41	74.47
02730-0026	EA	Seat 8' Long With Arms, No Back	886.02	74.47
02730-0027		Outdoor Benches (02730)		
02730-0028		Precast Concrete Park Benches With Backs (02730-0027)		
02730-0029	EA	4' Precast Concrete Bench With Back	628.75	64.40
02730-0030	EA	8' Precast Concrete Bench With Back	865.76	83.72
02730-0031		Fiberglass Benches With Backs (02730-0027)		
02730-0032	EA	4' Fiberglass Bench With Back	338.46	32.21
02730-0033	EA	8' Fiberglass Bench With Back	470.48	46.37
02730-0034		Wood Benches With Backs And Fiberglass Supports (02730-0027)		
02730-0035	EA	4' Wood Bench With Back And Fiberglass Supports	715.26	32.21
02730-0036	EA	8' Wood Bench With Back And Fiberglass Supports	869.08	46.37
02730-0037	EA	6' Permanent Wooden Slat Bench With Back And Fiberglass Supports	224.39	30.53
02730-0038	EA	6' Permanent Redwood Slat Bench With Back And Fiberglass Supports	269.02	30.53
02730-0039	EA	6' Redwood Bench With Back And Fiberglass Supports	317.81	30.53
02730-0040	EA	6' Permanent Redwood Contour Bench With Back And Fiberglass Supports	348.62	30.53
02730-0041	EA	8' Heavy Duty Permanent Redwood Bench With Back And Fiberglass Supports	324.53	30.53
02730-0042	EA	6' Ornate Bench, Exterior With Back And Fiberglass Supports	476.62	30.53
02730-0043		6' Long Steel Frame Benches (02730-0027)		
02730-0044	EA	6' All Steel Bench	380.14	40.58
02730-0045	EA	6' Steel Frame Bench With Hardwood Boards	340.30	40.58
02730-0046		Aluminum Benches (02730-0027)		
02730-0047	LF	10' Steel Frame Players Bench Fir Seat With No Back	28.00	3.22
02730-0048	EA	6' Permanent Enclosed Slat Bench	345.88	30.53
02730-0049	EA	6' Portable Anodized Aluminum Bench	343.37	30.53
02730-0050	EA	6' Portable Colored Aluminum Bench	380.33	30.53
02730-0051		Steel Benches (02730-0027)		
02730-0052	EA	6' Portable Super Slat Steel Bench	340.76	30.53
02730-0053	EA	6' Permanent One-piece Steel Bench	320.84	30.53
02730-0054	EA	6' Portable Perma-glass Park Bench	350.72	30.53
02730-0055		Color Coated Square Steel Frames (02730-0027)		
		Note: With flat steel slats, includes intermediate frame with armrest and back		
02730-0056	EA	Bench 8.08' Long	942.15	74.47
02730-0057	EA	Bench 10.08' Long	1,936.72	74.47
02730-0058	EA	Bench 12' Long	2,102.50	74.47
02730-0059		Backstops (02730)		
02730-0060		Handball Or Squash Court, Outdoor (02730-0059)		
02730-0061	EA	Handball/Squash Court, Wood, Outside	7,171.64	644.03
02730-0062	EA	Handball/Squash Court, Masonry Outside	5,962.43	902.84



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0063 Regulation Baseball Backstop And Fencing (02730-0059)		
See CSI section 02711-0001 for auguring holes and concrete.		
02730-0064 EA 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	9,040.36	1,455.68
02730-0065 EA 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	13,048.71	1,940.91
02730-0066 EA 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	16,640.45	2,264.39
02730-0067 EA 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	12,719.20	1,455.68
02730-0068 EA 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	18,553.41	1,940.91
02730-0069 EA 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	23,904.77	2,264.39
02730-0070 Regulation Softball Backstop (02730-0059)		
See CSI section 02711-0001 for auguring holes and concrete.		
02730-0071 14' High Softball Backstop (02730-0070)		
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
02730-0072 EA 14' Softball Backstop, Galvanized Regulation	7,624.54	1,452.13
02730-0073 EA 14' Softball Backstop, Vinyl Coated Regulation	10,263.06	1,452.13
02730-0074 18' High Softball Backstop (02730-0070)		
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
02730-0075 EA 18' Softball Backstop, Galvanized Regulation	8,907.09	1,614.37
02730-0076 EA 18' Softball Backstop Vinyl Coated Regulation	12,098.85	1,614.37
02730-0077 20' High Softball Backstop (02730-0070)		
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
02730-0078 EA 20' Softball Backstop, Galvanized Regulation	10,095.10	1,702.12
02730-0079 EA 20' Softball Backstop, Vinyl Coated Regulation	13,882.69	1,702.12
02730-0080 22' High Softball Backstop (02730-0070)		
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
02730-0081 EA 22' Softball Backstop, Galvanized Regulation	11,637.72	1,753.47
02730-0082 EA 22' Softball Backstop, Vinyl Coated Regulation	16,191.30	1,753.47
02730-0083 24' High Softball Backstop (02730-0070)		
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
02730-0084 EA 24' Softball Backstop, Galvanized Regulation	13,863.07	2,003.97
02730-0085 EA 24' Softball Backstop, Vinyl Coated Regulation	19,523.13	2,003.97
02730-0086 Basketball Components (02730-0059)		
02730-0087 EA Nylon Cord Basketball Net.....	137.12	6.47
Note: Porter Athletic 9608-120		
02730-0088 EA Chain Basketball Net.....	50.41	6.47
Note: Porter Athletic 161		
02730-0089 EA Heavy Duty Goal Ring.....	223.90	32.35
Note: Porter Athletic 235		
02730-0090 EA Goal Ring For Steel Net.....	209.55	14.56
Note: Porter Athletic 251		
02730-0091 EA 42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame	899.86	27.50
Note: Includes perimeter and target markings. Excludes pole and goal. Porter Athletic 00204-000		
02730-0092 EA 42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard	797.97	27.50
Note: Includes perimeter and target markings. Excludes pole and goal. Porter Athletic 1207-300		
02730-0093 EA 42" x 72" Rectangular Melamine Surfaced Particle Board Basketball Backboard	513.37	22.64
Note: Includes perimeter and target markings. Excludes pole and goal. Porter Athletic 228-300		
02730-0094 EA 54" x 39" Fan Shaped Cast Aluminum Basketball Backboard	453.97	24.27
Note: Includes perimeter and target markings. Excludes pole and goal. Porter Athletic 234-300		
02730-0095 02MOD-0549 For No Perimeter And Target Markings, Deduct	-40.55	
EA 54" x 39" Fan Shaped Fiberglass Basketball Backboard.....	312.81	24.27
Note: Includes perimeter and target markings. Excludes pole and goal. Porter Athletic 267-000		
02730-0096 Basketball Systems (02730-0059)		
See CSI section 02711-0001 for auguring holes and concrete.		
02730-0097 EA 4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System	1,225.31	156.59
Note: Sportsplay 541-616		
02730-0098 EA 5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	2,526.03	172.25
Note: Porter Athletic 176-234		
02MOD-0545 For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
02MOD-0546 For 42" x 72" Perforated Steel Backboard, Add	318.00	

02000 Site Construction**02700 Site Improvements****02730 Playing Fields**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0099	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	1,939.56	156.59
		Note: Porter Athletic 164-234		
		02MOD-0545 For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
		02MOD-0546 For 42" x 72" Perforated Steel Backboard, Add	318.00	
02730-0100	EA	4-1/2" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	2,191.69	172.25
		Note: Porter Athletic 166-234		
		02MOD-0545 For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
		02MOD-0546 For 42" x 72" Perforated Steel Backboard, Add	318.00	
02730-0101	EA	Back To Back 4-1/2" Galvanized Steel Pole With 4' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System	3,089.60	230.29
		Note: Porter Athletic 184-234		
		02MOD-0547 For Fan Shaped Fiberglass Backboard, Deduct	-266.00	
		02MOD-0548 For 42" x 72" Perforated Steel Backboard, Add	636.00	
02730-0102	EA	Back To Back 5-9/16" Galvanized Steel Pole With 6' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System	3,456.01	253.32
		Note: Porter Athletic 186-234		
		02MOD-0547 For Fan Shaped Fiberglass Backboard, Deduct	-266.00	
		02MOD-0548 For 42" x 72" Perforated Steel Backboard, Add	636.00	
02730-0103		Soccer Goal Posts (02730)		
		Note: Includes augering for post(s), set in concrete and backfill.		
02730-0104	PR	Regulation Soccer Goal Posts	2,508.75	194.07
02730-0105	PR	Combination Football/Soccer Goal Post	3,038.45	291.14
02730-0106		Football Goal Posts (02730)		
		Note: Includes augering for post(s), set in concrete and backfill.		
02730-0107	PR	Double Steel Football Goal Posts, "H Shape"	2,838.34	291.14
02730-0108	PR	Vertical Style Goal Post, Single In-Ground Mounting, Steel With 20' Uprights	3,771.97	348.61
02730-0109	PR	Gooseneck (Offset) Style Goal Post, Single In-Ground Mounting, Steel, With 20' Uprights	4,505.91	418.34
02730-0110		Running Track Surfacing (02730)		
02730-0111		Asphaltic Running Track Surfacing (02730-0110)		
02730-0112	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	24.00	
02730-0113	SY	1 Seal Coat, Striping Of Track	11.13	
		Note: Includes certification.		
02730-0114		Synthetic Running Track Surfacing (02730-0110)		
02730-0115		Synthetic Running Track Surfacing (XPLODE™) (02730-0114)		
02730-0116	SY	Paved-In-Place SBR Or EPDM Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing (XPLODE™ M100)	32.80	
		02MOD-0650 For >5,500, Deduct	-3.61	
		02MOD-0653 For <4,000, Add	11.48	
02730-0117	SY	Paved-In-Place SBR Rubber Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And EPDM Rubber Structural Spray Coat, Synthetic Running Track Surfacing (XPLODE™ MS200)	44.02	
		02MOD-0650 For >5,500, Deduct	-4.84	
		02MOD-0653 For <4,000, Add	15.41	
		02MOD-0654 For Custom Color Upgrade, Add	4.18	
		02MOD-0657 For Aliphatic Top Coating, Add	7.92	
02730-0118	SY	Paved-In-Place EPDM Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded EPDM Rubber, Synthetic Running Track Surfacing (XPLODE™ MSX500)	73.98	
		02MOD-0651 For >5,500, Deduct	-4.44	
		02MOD-0653 For <4,000, Add	25.89	
		02MOD-0655 For Custom Color Upgrade, Add	5.70	
		02MOD-0658 For Aliphatic Top Coating, Add	10.58	
02730-0119	SY	Full Pour Two-Component Polyurethane Track System With Embedded EPDM Rubber Surface, Synthetic Running Track Surfacing (XPLODE™ MSX5000)	95.56	
		02MOD-0651 For >5,500, Deduct	-5.73	
		02MOD-0653 For <4,000, Add	33.45	
		02MOD-0656 For Custom Color Upgrade, Add	7.45	
		02MOD-0659 For Aliphatic Top Coating, Add	10.89	
02730-0120	SY	Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Lighting)	29.88	
		02MOD-0650 For >5,500, Deduct	-3.29	
		02MOD-0653 For <4,000, Add	10.46	
02730-0121	SY	Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Accelerator)	33.63	
		02MOD-0652 For >5,500, Deduct	-4.88	
		02MOD-0653 For <4,000, Add	11.77	
02730-0122	SY	Spray Retop XPLODE™ M100/MS200 Running Tracks	29.54	
		02MOD-0653 For <4,000, Add	10.34	
		02MOD-0661 For >5,500, Deduct	-2.89	
02730-0123	SY	Sandwich Retop XPLODE™ MSX500 Running Tracks	57.18	
		02MOD-0653 For <4,000, Add	20.01	
		02MOD-0660 For >5,500, Deduct	-6.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0124 SY Retop XPLODE™ Plexitrac® Lightning Running Tracks Note: Two layers.	16.63	
02MOD-0653 For <4,000, Add	5.82	
02MOD-0662 For >5,500, Deduct	-2.75	
02730-0125 SY Retop XPLODE™ Plexitrac® Accelerator Running Tracks..... Note: Two layers.	20.25	
02MOD-0653 For <4,000, Add	7.09	
02MOD-0663 For >5,500, Deduct	-2.75	
02730-0126 EA Restripe XPLODE™ Running Track Note: Includes two coats of acrylic resurfacer and two coats of color.	6,875.00	
02MOD-0664 For College Track Restriping, Add	1,250.00	
02730-0127 Tennis Courts (02730)		
02730-0128 Pavements (02730-0127)		
02730-0129 SY Tennis Court Bituminous Pavement, 2-1/2" Thick.....	24.90	
02730-0130 SY Clay Tennis Court.....	35.28	
02730-0131 SY Tennis Court, Pulverized Natural Greenstone, Fast Dry..... Note: Includes 4" base.	39.22	
02730-0132 SY Tennis Court, Rubber-Cork Base Resilient Pavement.....	17.16	
02730-0133 SY Resurface Tennis Court Bituminous Pavement.....	6.87	
02730-0134 SY Resurface Clay Tennis Court.....	10.32	
02730-0135 SY Resurface Tennis Court, Pulverized Natural Greenstone.....	8.77	
02730-0136 SY Resurface Tennis Court, Resilient Pavement.....	8.20	
02730-0137 Sealer (02730-0127)		
02730-0138 SY Tennis Court Colored Sealer 3 Coats, Acrylic Emulsion.....	5.33	
02730-0139 SY Tennis Court, Add 2 Color Seal Coat.....	2.01	
02730-0140 SY Tennis Court, Add To Prep For Old Court..... Note: Includes patching cracks and filling in holes.	1.97	
02730-0141 SY Tennis Court, Slip Resistant Acrylic Coating, Including Surface Preparation, Two (2) Coats Slip Resistant Acrylic Coating, And Transparent Acrylic Water Base Sealer.....	26.24	
02730-0142 Tennis Court Net Posts (02730-0127)		
02730-0143 PR Round, Powder Coated Steel, Tennis Court Net Posts With External Winder.....	710.57	109.97
02730-0144 PR Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder.....	852.88	109.97
02730-0145 PR Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder.....	876.59	109.97
02730-0146 PR Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder.....	917.61	109.97
02730-0147 PR Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder.....	1,063.65	109.97
02730-0148 PR PVC Ground Sleeves For Tennis Court Net Posts.....	175.63	
02730-0149 PR Galvanized Steel Ground Sleeves For Tennis Court Net Posts.....	193.36	
02730-0150 Tennis Court Nets (02730-0127)		
02730-0151 EA 42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net.....	347.42	108.68
02730-0152 EA 42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net.....	375.72	108.68
02730-0153 EA 42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net.....	775.61	167.22
02730-0154 EA Galvanized Steel Anchor For Tennis Court Net Center Strap.....	46.84	
02730-0155 Tennis Court Markings (02730-0127)		
02730-0156 EA Paint Markings On Asphalt Tennis Court 2 Coats.....	279.23	
02730-0157 Play Field Equipment (02730)		
02730-0158 SET Bases For Baseball Or Softball.....	283.45	
02730-0159 EA Landing Pad For High Jump.....	2,154.16	
02730-0160 EA Uprights For Pole Vault.....	466.28	
02730-0161 EA Uprights For High Jump.....	444.92	
02730-0162 EA Planting Box For Pole Vault.....	1,173.61	
02730-0163 EA Scholastic I Pole Vault Landing System..... Note: Overall Size 19'9" L x 20'5" W x 28" H (3 base units, 2 front tri-slant units, 1 top foam pad). As manufactured by Gill Athletics, Inc. Meets High School specs	10,575.73	386.06
02730-0164 EA Weather Cover For Scholastic I Pole Vault Landing System.....	1,174.16	48.26
02730-0165 EA Scholastic II Pole Vault Landing System..... Note: Overall Size 21'6"L x 23'4"W x 28"H (3 base units, 2 front tri-slant units, 2 front extensions, 1 top foam pad). As manufactured by Gill Athletics, Inc. Exceeds High School specs	12,450.36	482.58
02730-0166 EA Weather Cover For Scholastic II Pole Vault Landing System.....	1,432.73	72.39
02730-0167 EA National Pole Vault Landing System..... Note: Overall Size 21'6"L x 24'0"W x 32"H (3 base units, 2 front tri-slant units, 2 front extensions, 1 top foam pad). As manufactured by Gill Athletics, Inc. Meets High School and NCAA specs	14,678.11	579.09
02730-0168 EA Weather Cover For National Pole Vault Landing System.....	1,591.46	72.39
02730-0169 EA International Pole Vault Landing System..... Note: Overall Size 21'6"L x 27'0"W x 32"H (3 base units, 2 front tri-slant units, 2 front extensions, 1 top foam pad). As manufactured by Gill Athletics, Inc. Meets High School, NCAA and IAAF specs	15,668.95	627.36
02730-0170 EA Weather Cover For International Pole Vault Landing System.....	1,681.28	72.39
02730-0171 EA Maximus Pole Vault Landing System..... Note: Overall Size 21'6"L x 30'0"W x 32"H (3 base units, 2 front tri-slant units, 2 front extensions, 1 top foam pad). As manufactured by Gill Athletics, Inc. Meets High School, NCAA and IAAF specs	16,877.56	675.61

02000 Site Construction**02700 Site Improvements****02730 Playing Fields**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0172	EA	Weather Cover For Maximus Pole Vault Landing System	1,802.03	96.52
02730-0173		Synthetic Turf (02730)		
02730-0174		Synthetic Turf (AstroTurf) (02730-0173) Note: Includes labor, equipment and material required to install the task.		
02730-0175		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) (02730-0174)		
02730-0176		38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) (02730-0175)		
02730-0177	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	3.45	
		02MOD-0635 For Ambient Rubber And Sand Infill, Add	0.10	
		02MOD-0636 For Cryo Rubber Infill, Add	0.26	
		02MOD-0637 For EPDM Rubber Infill, Add	0.31	
		02MOD-0638 For Cryo Rubber And Sand Infill, Add	0.36	
02730-0178	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	12,190.00	
02730-0179	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	9,936.00	
02730-0180	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields..... Note: Per sport.	2,990.00	
02730-0181	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields	1,104.00	
		Note: Per letter. Excludes outline.		
02730-0182	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields.....	1,058.00	
		Note: Per endzone.		
02730-0183	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields	9,200.00	
		Note: Block letter.		
02730-0184	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields	13,340.00	
		Note: Graphic.		
02730-0185		41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) (02730-0175)		
02730-0186	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	3.93	
		02MOD-0635 For Ambient Rubber And Sand Infill, Add	0.10	
		02MOD-0636 For Cryo Rubber Infill, Add	0.26	
		02MOD-0637 For EPDM Rubber Infill, Add	0.31	
		02MOD-0638 For Cryo Rubber And Sand Infill, Add	0.36	
02730-0187	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	12,420.07	
02730-0188	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	10,304.06	
02730-0189	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields..... Note: Per sport.	3,220.02	
02730-0190	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields	1,196.01	
		Note: Per letter. Excludes outline.		
02730-0191	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields.....	1,104.01	
		Note: Per endzone.		
02730-0192	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields	9,660.06	
		Note: Block letter.		
02730-0193	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields	14,007.08	
		Note: Graphic.		
02730-0194		45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) (02730-0175)		
02730-0195	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	4.03	
		02MOD-0635 For Ambient Rubber And Sand Infill, Add	0.10	
		02MOD-0636 For Cryo Rubber Infill, Add	0.26	
		02MOD-0637 For EPDM Rubber Infill, Add	0.31	
		02MOD-0638 For Cryo Rubber And Sand Infill, Add	0.36	
02730-0196	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	12,650.08	
02730-0197	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	11,132.07	
02730-0198	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields..... Note: Per sport.	3,450.02	
02730-0199	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields	1,288.01	
		Note: Per letter. Excludes outline.		
02730-0200	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields.....	1,150.01	
		Note: Per endzone.		
02730-0201	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields	10,120.06	
		Note: Block letter.		
02730-0202	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields	14,674.09	
		Note: Graphic.		
02730-0203		Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) (02730-0174)		
02730-0204		52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) (02730-0203)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0205	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	4.68	
	02MOD-0635	For Ambient Rubber And Sand Infill, Add	0.10	
	02MOD-0639	For Cryo Rubber Infill, Add	0.20	
	02MOD-0640	For EPDM Rubber Infill, Add	0.25	
	02MOD-0641	For Cryo Rubber And Sand Infill, Add	0.30	
02730-0206	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	13,110.00	
02730-0207	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	13,984.00	
02730-0208	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	3,910.00	
		Note: Per sport.		
02730-0209	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields	1,472.00	
		Note: Per letter. Excludes outline.		
02730-0210	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields	1,242.00	
		Note: Per endzone.		
02730-0211	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields	11,040.00	
		Note: Block letter.		
02730-0212	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields	16,008.00	
		Note: Graphic.		
02730-0213		60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) (02730-0203)		
02730-0214	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	4.89	
	02MOD-0635	For Ambient Rubber And Sand Infill, Add	0.10	
	02MOD-0639	For Cryo Rubber Infill, Add	0.20	
	02MOD-0640	For EPDM Rubber Infill, Add	0.25	
	02MOD-0641	For Cryo Rubber And Sand Infill, Add	0.30	
02730-0215	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	13,340.00	
02730-0216	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	15,548.00	
02730-0217	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	4,140.00	
		Note: Per sport.		
02730-0218	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields	1,564.00	
		Note: Per letter. Excludes outline.		
02730-0219	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields	1,288.00	
		Note: Per endzone.		
02730-0220	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields	11,500.00	
		Note: Block letter.		
02730-0221	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields	16,675.00	
		Note: Graphic.		
02730-0222		52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) (02730-0203)		
02730-0223	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	4.90	
	02MOD-0635	For Ambient Rubber And Sand Infill, Add	0.10	
	02MOD-0639	For Cryo Rubber Infill, Add	0.20	
	02MOD-0640	For EPDM Rubber Infill, Add	0.25	
	02MOD-0641	For Cryo Rubber And Sand Infill, Add	0.30	
02730-0224	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	13,570.00	
02730-0225	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	15,640.00	
02730-0226	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	4,370.00	
		Note: Per sport.		
02730-0227	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields	1,656.00	
		Note: Per letter. Excludes outline.		
02730-0228	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields	1,334.00	
		Note: Per endzone.		
02730-0229	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields	11,960.00	
		Note: Block letter.		
02730-0230	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields	17,342.00	
		Note: Graphic.		
02730-0231		60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) (02730-0203)		
02730-0232	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	5.02	
	02MOD-0635	For Ambient Rubber And Sand Infill, Add	0.10	
	02MOD-0639	For Cryo Rubber Infill, Add	0.20	
	02MOD-0640	For EPDM Rubber Infill, Add	0.25	
	02MOD-0641	For Cryo Rubber And Sand Infill, Add	0.30	
02730-0233	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	13,800.00	
02730-0234	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	16,652.00	
02730-0235	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	4,600.00	
		Note: Per sport.		
02730-0236	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields	1,840.00	
		Note: Per letter. Excludes outline.		
02730-0237	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields	1,380.00	
		Note: Per endzone.		
02730-0238	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields	12,420.00	
		Note: Block letter.		

02000 Site Construction**02700 Site Improvements****02730 Playing Fields**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0239	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields..... Note: Graphic.	18,009.00	
02730-0240		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) (02730-0174)		
02730-0241		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) (02730-0240)		
02730-0242	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38).....	3.72	
		02MOD-0635 For Ambient Rubber And Sand Infill, Add	0.10	
		02MOD-0636 For Cryo Rubber Infill, Add	0.26	
		02MOD-0637 For EPDM Rubber Infill, Add	0.31	
		02MOD-0638 For Cryo Rubber And Sand Infill, Add	0.36	
02730-0243	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	11,730.07	
02730-0244	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	8,648.05	
02730-0245	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	2,530.02	
		Note: Per sport.		
02730-0246	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields.....	920.01	
		Note: Per letter. Excludes outline.		
02730-0247	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields	966.01	
		Note: Per endzone.		
02730-0248	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	8,280.05	
		Note: Block letter.		
02730-0249	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	12,006.07	
		Note: Graphic.		
02730-0250		42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) (02730-0240)		
02730-0251	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42).....	3.30	
		02MOD-0635 For Ambient Rubber And Sand Infill, Add	0.10	
		02MOD-0636 For Cryo Rubber Infill, Add	0.26	
		02MOD-0637 For EPDM Rubber Infill, Add	0.31	
		02MOD-0638 For Cryo Rubber And Sand Infill, Add	0.36	
02730-0252	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	11,960.00	
02730-0253	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	9,200.00	
02730-0254	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	2,760.00	
		Note: Per sport.		
02730-0255	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields.....	1,012.00	
		Note: Per letter. Excludes outline.		
02730-0256	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields	1,012.00	
		Note: Per endzone.		
02730-0257	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	8,740.00	
		Note: Block letter.		
02730-0258	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	12,673.00	
		Note: Graphic.		
02730-0259		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) (02730-0174)		
02730-0260	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®).....	7.74	
02730-0261	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®).....	6.80	
02730-0262	EA	Football Markings For AstroTurf® PureGrass® Fields.....	22,698.00	
02730-0263	EA	Baseball Markings For AstroTurf® PureGrass® Fields.....	26,966.00	
02730-0264	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields	6,596.00	
		Note: Per sport.		
02730-0265	EA	Endzone Lettering For AstroTurf® PureGrass® Fields.....	2,522.00	
		Note: Per letter. Excludes outline.		
02730-0266	EA	Colored Endzone For AstroTurf® PureGrass® Fields	1,872.00	
		Note: Per endzone.		
02730-0267	EA	Simple Logo For AstroTurf® PureGrass® Fields.....	16,848.00	
		Note: Block letter.		
02730-0268	EA	Deluxe Logo For AstroTurf® PureGrass® Fields.....	24,735.00	
		Note: Graphic.		
02730-0269		Synthetic Turf (G9 Turf) (02730-0173)		
		Note: Includes labor, equipment and material required to install the task.		
02730-0270	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And EPDM Infill (G9 Turf Playmaker Turf).....	5.20	
		Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.		
		02MOD-0598 For > 35,000 SF, Deduct	-0.48	
02730-0271	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And EPDM Infill (G9 Turf Striker Turf).....	5.16	
		Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.		
		02MOD-0598 For > 35,000 SF, Deduct	-0.48	
02730-0272	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf).....	5.36	
		Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02730-0273 EA Football Inlays For G9 Synthetic Turf Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	32,457.82	
02730-0274 EA Soccer Inlays For G9 Synthetic Turf.....	14,065.05	
02730-0275 EA Boys Lacrosse Inlays For G9 Synthetic Turf.....	14,065.05	
02730-0276 EA Girls Lacrosse Inlays For G9 Synthetic Turf.....	14,065.05	
02730-0277 EA Field Hockey Inlays For G9 Synthetic Turf.....	14,065.05	
02730-0278 EA Endzone Lettering For G9 Synthetic Turf..... Note: Priced per letter. Includes single color outlining.	1,622.89	
02730-0279 SF EPDM Black Infill For G9 Synthetic Turf.....	1.52	
02730-0280 SF EPDM Color Infill For G9 Synthetic Turf.....	3.97	
02730-0281 SF SBR Infill For G9 Synthetic Turf.....	1.13	
02730-0282 SF Sand Infill For G9 Synthetic Turf.....	0.57	
02730-0283 SF Acrylic Coated Sand Infill For G9 Synthetic Turf.....	0.94	
02730-0284 EA Gmax Compaction And Hardness Test For G9 Synthetic Turf..... Note: Includes a comprehensive report.	1,081.93	
02730-0285 EA Safety Bridge Over Track For G9 Synthetic Turf.....	10,819.27	
02730-0286 SF Clean And Groom Synthetic Turf..... Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.36	
02MOD-0595 For > 10,000 To 30,000 SF, Deduct	-0.14	
02MOD-0596 For > 30,000 To 60,000 SF, Deduct	-0.25	
02MOD-0597 For > 60,000 SF, Deduct	-0.28	
02730-0287 SF Rejuvenate Synthetic Turf And Reinstall Existing Infill..... Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	2.43	
02730-0288 SF Rejuvenate Synthetic Turf For Installation Of New Infill..... Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	2.70	
02730-0289 SF Drainage Layer For G9 Synthetic Turf..... Note: Used for drainage over asphalt or on roof tops.	2.21	
02730-0290 SF 15 mm, Shock Pad For G9 Synthetic Turf..... Note: Used for additional Gmax for a stone base field.	1.36	
02730-0291 EA Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf..... Note: Includes field inspection and report.	2,156.20	
02730-0292 LF Repair Inlay Lines Or Seams On G9 Synthetic Turf..... Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	5.93	
02730-0293 LF Nailier Used To Attach G9 Synthetic Turf.....	2.37	
02730-0294 SF Remove And Recycle Existing Field..... Note: Includes removal, shipping and recycling of infill, fibers and backing.	1.67	

02764 Planters (02700)

02764-0001 Circular Concrete Precast Planters <small>(02764)</small>		
02764-0002 EA 24" Diameter x 18" High Precast Concrete Planter.....	381.63	19.31
02764-0003 EA 42" Diameter x 30" High Precast Concrete Planter.....	742.63	38.62
02764-0004 EA 48" Diameter x 24" High Precast Concrete Planter.....	712.56	38.62
02764-0005 EA 84" Diameter x 36" High Fluted Precast Concrete Planter.....	2,337.76	57.93
02764-0006 EA 60" Diameter x 17" High Precast Concrete Planter, Exposed Aggregate With Gray Band Top.....	1,055.85	43.06

02764-0007 Fiberglass Planters <small>(02764)</small>		
02764-0008 Circular Fiberglass Planters <small>(02764-0007)</small>		
02764-0009 EA 36" Diameter x 27" High Fiberglass Planter.....	723.07	38.62
02764-0010 EA 60" Diameter X 39" High Fiberglass Planter.....	1,658.15	57.93
02764-0011 EA 36" Diameter X 24" High Fiberglass Planter.....	671.05	38.62
02764-0012 EA 60" Diameter X 24" High Fiberglass Planter.....	1,260.19	57.93

02764-0013 Tapered Circular Fiberglass Planters <small>(02764-0007)</small>		
02764-0014 EA 24" Diameter x 36" High Tapered Planter Fiberglass.....	635.16	38.62
02764-0015 EA 40" Diameter x 36" High Tapered Planter Fiberglass.....	827.12	38.62

02764-0016 Square Fiberglass Planters <small>(02764-0007)</small>		
02764-0017 EA 2' x 2' x 17" High Square Fiberglass Planter.....	431.75	38.62
02764-0018 EA 4' x 4' x 39" High Square Fiberglass Planter.....	1,611.33	57.93
02764-0019 EA 2' x 2' x 36" High Square Fiberglass Planter.....	554.00	38.62
02764-0020 EA 4' x 4' x 36" High Square Fiberglass Planter.....	1,485.19	38.62

02764-0021 Rectangular Fiberglass Planters <small>(02764-0007)</small>		
02764-0022 EA 4' x 1' x 18" High Rectangular Fiberglass Planter.....	535.80	38.62
02764-0023 EA 4' x 2' x 21" High Rectangular Fiberglass Planter.....	791.99	57.93

02764-0024 Tapered Circular Seating Units <small>(02764-0007)</small>		
02764-0025 EA 72" Diameter x 29" High Tapered Seat Unit.....	2,286.28	115.85
02764-0026 EA 84" Diameter x 32" High Tapered Seat Unit.....	2,468.35	115.85

02000 Site Construction**02700 Site Improvements****02764 Planters**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02764-0027		Planter/Bench <small>(02764-0007)</small>		
02764-0028	EA	72" Square 36" High Planter/Bench	3,378.73	115.85
02764-0029	EA	96" Square x 27" High Planter/Bench	4,549.21	115.85
02764-0030		Timber Planters <small>(02764)</small>		
02764-0031		Square And Rectangular <small>(02764-0030)</small>		
02764-0032	EA	1'-2" x 1'-2" x 2'-6" High Timber Planter	373.03	38.62
02764-0033	EA	1'-9" x 1'-2" x 2'-6" High Timber Planter	368.39	38.62
02764-0034	EA	2'-3" x 1'-2" x 2'-6" High Timber Planter	410.09	38.62
02764-0035	EA	1'-9" x 1'-9" x 2'-6" High Timber Planter	373.03	38.62
02764-0036	EA	2'-3" x 1'-9" x 2'-6" High Timber Planter	535.17	38.62
02764-0037	EA	2'-10" x 1'-9" x 2'-6" High Timber Planter	590.76	38.62
02764-0038	EA	3'-5" x 1'-9" x 2'-6" High Timber Planter	757.53	38.62
02764-0039	EA	2'-3" x 2'-3" x 2'-6" High Timber Planter	701.94	38.62
02764-0040	EA	2'-10" x 2'-3" x 2'-6" High Timber Planter	877.97	38.62
02764-0041	EA	4'-6" x 2'-3" x 2'-6" High Timber Planter	1,271.74	38.62
02764-0042	EA	2'-10" x 2'-10" x 2'-6" High Timber Planter	609.29	38.62
02764-0043	EA	4'-6" x 2'-10" x 3' High Timber Planter	1,433.88	38.62
02764-0044	EA	5'-8" x 2'-10" x 3' High Timber Planter	1,633.08	38.62
02764-0045	EA	3'-5" x 3'-5" x 3' High Timber Planter	725.10	38.62
02764-0046	EA	4'-6" x 3'-5" x 3' High Timber Planter	1,554.32	38.62
02764-0047	EA	5'-8" x 3'-5" x 3' High Timber Planter	1,758.16	38.62
02764-0048	EA	6'-9" x 3'-5" x 3' High Timber Planter	1,966.62	38.62
02764-0049	EA	4'-6" x 4'-6" x 3' High Timber Planter	1,855.44	38.62
02764-0050	EA	3'-5" x 2'-3" x 2'-6" High Timber Planter	979.89	38.62
02764-0051	EA	6'-9" x 6'-9" x 3' High Timber Planter	2,786.58	38.62
02765		Tree Grates <small>(02700)</small>		
02765-0001		Tree Grates With Frames <small>(02765)</small>		
02765-0002		Round Cast Iron Tree Grates With Frames <small>(02765-0001)</small>		
02765-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Gate With Frame	447.44	36.72
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-28.05	
		<i>02MOD-0554 For > 9, Deduct</i>	-57.97	
02765-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Gate With Frame	515.43	36.72
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-33.15	
		<i>02MOD-0554 For > 9, Deduct</i>	-68.51	
02765-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Gate With Frame	624.91	48.95
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-39.53	
		<i>02MOD-0554 For > 9, Deduct</i>	-81.69	
02765-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Gate With Frame	772.91	48.95
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-50.63	
		<i>02MOD-0554 For > 9, Deduct</i>	-104.63	
02765-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Gate With Frame	990.38	61.20
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-65.10	
		<i>02MOD-0554 For > 9, Deduct</i>	-134.54	
02765-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Gate With Frame	1,042.86	73.43
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-67.20	
		<i>02MOD-0554 For > 9, Deduct</i>	-138.88	
02765-0009	EA	60" Diameter, > 350 LB Cast Iron Tree Gate With Frame	1,145.86	73.43
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-74.93	
		<i>02MOD-0554 For > 9, Deduct</i>	-154.85	
02765-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Gate With Frame	1,528.06	104.03
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-99.00	
		<i>02MOD-0554 For > 9, Deduct</i>	-204.60	
02765-0011	EA	72" Diameter, > 500 To 550 LB Cast Iron Tree Gate With Frame	1,588.06	104.03
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-103.50	
		<i>02MOD-0554 For > 9, Deduct</i>	-213.90	
02765-0012	EA	72" Diameter, > 600 To 650 LB Cast Iron Tree Gate With Frame	1,638.06	104.03
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-107.25	
		<i>02MOD-0554 For > 9, Deduct</i>	-221.65	
02765-0013	EA	72" Diameter, > 650 To 700 LB Cast Iron Tree Gate With Frame	1,678.06	104.03
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-110.25	
		<i>02MOD-0554 For > 9, Deduct</i>	-227.85	
02765-0014	EA	72" Diameter, > 700 LB Cast Iron Tree Gate With Frame	1,708.06	104.03
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-112.50	
		<i>02MOD-0554 For > 9, Deduct</i>	-232.50	
02765-0015	EA	93" Diameter, 950 To 1000 LB Cast Iron Tree Gate With Frame	1,876.78	122.38
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-122.40	
		<i>02MOD-0554 For > 9, Deduct</i>	-252.96	
02765-0016		Square Cast Iron Tree Grates With Frames <small>(02765-0001)</small>		
02765-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Gate With Frame	413.43	36.72
		<i>02MOD-0553 For > 3 To 9, Deduct</i>	-25.50	
		<i>02MOD-0554 For > 9, Deduct</i>	-52.70	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02765-0018	EA 36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame.....	498.43	36.72
	02MOD-0553 For > 3 To 9, Deduct	-31.88	
	02MOD-0554 For > 9, Deduct	-65.88	
02765-0019	EA 48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame.....	742.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-46.50	
	02MOD-0554 For > 9, Deduct	-96.10	
02765-0020	EA 48" x 48", > 200 To 250 LB Cast Iron Tree Grate With Frame.....	872.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-56.25	
	02MOD-0554 For > 9, Deduct	-116.25	
02765-0021	EA 48" x 48", > 250 To 300 LB Cast Iron Tree Grate With Frame.....	992.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-65.25	
	02MOD-0554 For > 9, Deduct	-134.85	
02765-0022	EA 48" x 48", > 300 To 350 LB Cast Iron Tree Grate With Frame.....	1,102.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-73.50	
	02MOD-0554 For > 9, Deduct	-151.90	
02765-0023	EA 48" x 48", > 350 To 400 LB Cast Iron Tree Grate With Frame.....	1,202.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-81.00	
	02MOD-0554 For > 9, Deduct	-167.40	
02765-0024	EA 48" x 48", > 400 LB Cast Iron Tree Grate With Frame.....	1,292.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-87.75	
	02MOD-0554 For > 9, Deduct	-181.35	
02765-0025	EA 60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame.....	1,251.35	85.67
	02MOD-0553 For > 3 To 9, Deduct	-81.00	
	02MOD-0554 For > 9, Deduct	-167.40	
02765-0026	EA 60" x 60", > 400 To 450 LB Cast Iron Tree Grate With Frame.....	1,341.35	85.67
	02MOD-0553 For > 3 To 9, Deduct	-87.75	
	02MOD-0554 For > 9, Deduct	-181.35	
02765-0027	EA 60" x 60", > 450 To 500 LB Cast Iron Tree Grate With Frame.....	1,421.35	85.67
	02MOD-0553 For > 3 To 9, Deduct	-93.75	
	02MOD-0554 For > 9, Deduct	-193.75	
02765-0028	EA 60" x 60", > 500 To 550 LB Cast Iron Tree Grate With Frame.....	1,491.35	85.67
	02MOD-0553 For > 3 To 9, Deduct	-99.00	
	02MOD-0554 For > 9, Deduct	-204.60	
02765-0029	EA 60" x 60", > 550 To 600 LB Cast Iron Tree Grate With Frame.....	1,551.35	85.67
	02MOD-0553 For > 3 To 9, Deduct	-103.50	
	02MOD-0554 For > 9, Deduct	-213.90	
02765-0030	EA 60" x 60", > 600 LB Cast Iron Tree Grate With Frame.....	1,601.35	85.67
	02MOD-0553 For > 3 To 9, Deduct	-107.25	
	02MOD-0554 For > 9, Deduct	-221.65	
02765-0031	EA 72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame.....	1,528.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-99.00	
	02MOD-0554 For > 9, Deduct	-204.60	
02765-0032	EA 72" x 72", > 550 To 600 LB Cast Iron Tree Grate With Frame.....	1,588.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-103.50	
	02MOD-0554 For > 9, Deduct	-213.90	
02765-0033	EA 72" x 72", > 600 To 650 LB Cast Iron Tree Grate With Frame.....	1,638.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-107.25	
	02MOD-0554 For > 9, Deduct	-221.65	
02765-0034	EA 72" x 72", > 650 To 700 LB Cast Iron Tree Grate With Frame.....	1,678.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-110.25	
	02MOD-0554 For > 9, Deduct	-227.85	
02765-0035	EA 72" x 72", > 700 To 750 LB Cast Iron Tree Grate With Frame.....	1,708.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-112.50	
	02MOD-0554 For > 9, Deduct	-232.50	
02765-0036	EA 72" x 72", > 750 To 800 LB Cast Iron Tree Grate With Frame.....	1,728.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-114.00	
	02MOD-0554 For > 9, Deduct	-235.60	
02765-0037	EA 72" x 72", > 800 To 850 LB Cast Iron Tree Grate With Frame.....	1,738.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-114.75	
	02MOD-0554 For > 9, Deduct	-237.15	
02765-0038	EA 72" x 72", > 850 LB Cast Iron Tree Grate With Frame.....	1,748.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-115.50	
	02MOD-0554 For > 9, Deduct	-238.70	
02765-0039	Rectangular Cast Iron Tree Grates With Frames (02765-0001)		
02765-0040	EA 36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame.....	772.91	48.95
	02MOD-0553 For > 3 To 9, Deduct	-50.63	
	02MOD-0554 For > 9, Deduct	-104.63	
02765-0041	EA 36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame.....	787.91	48.95
	02MOD-0553 For > 3 To 9, Deduct	-51.75	
	02MOD-0554 For > 9, Deduct	-106.95	
02765-0042	EA 36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame.....	963.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-63.08	
	02MOD-0554 For > 9, Deduct	-130.36	
02765-0043	EA 48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame.....	1,130.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-75.60	
	02MOD-0554 For > 9, Deduct	-156.24	
02765-0044	EA 48" x 72", > 350 LB Cast Iron Tree Grate With Frame.....	1,202.38	61.20
	02MOD-0553 For > 3 To 9, Deduct	-81.00	
	02MOD-0554 For > 9, Deduct	-167.40	
02765-0045	EA 60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame.....	1,618.06	104.03
	02MOD-0553 For > 3 To 9, Deduct	-105.75	
	02MOD-0554 For > 9, Deduct	-218.55	

02000 Site Construction**02700 Site Improvements****02770 Trash Containment**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**02770 Trash Containment** (02770)**02770-0001 Steel Trash Containment** (02770)**02770-0002 Steel Frame Surrounded With Kiln-Dried Wood** (02770-0001)

02770-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	356.72	38.62
02770-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	340.79	38.62
02770-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	340.79	38.62
02770-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	322.86	38.62
02770-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	356.72	38.62
02770-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	322.86	38.62
02770-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	440.39	38.62

02770-0010 Square Steel Frames Surrounded With Flat Steel (02770-0001)

02770-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	640.85	38.62
02770-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	691.48	38.62
02770-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	691.48	38.62

02770-0014 Round Steel Pipe And Flat Steel Frames (02770-0001)

Note: Surrounded with kiln-dried wood.

02770-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln-Dried Wood	944.59	38.62
02770-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln-Dried Wood	1,016.91	38.62
02770-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln-Dried Wood.....	1,170.59	38.62
02770-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln-Dried Wood.....	1,062.11	38.62

02770-0019 Round Steel Pipe Surrounded With Perforated (02770-0001)

02770-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe.....	845.15	38.62
02770-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe.....	917.47	38.62
02770-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,071.15	38.62
02770-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe.....	971.71	38.62

02770-0024 Round Steel Pipe Frames Surrounded With Welded Wire (02770-0001)

02770-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	673.40	38.62
02770-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	745.72	38.62
02770-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround.....	899.39	38.62
02770-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround.....	799.96	38.62

02770-0029 Litter Baskets (02770)**02770-0030 Round Wire Litter Baskets** (02770-0029)

02770-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	118.15	3.92
02770-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	149.09	3.92
02770-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	201.58	3.92
02770-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	231.20	3.92

02770-0035 Trash Can/Wire Basket Holder (02770-0029)

02770-0036	EA	Steel Post, Single Holder	171.26	31.54
02770-0037	EA	Steel Post, Double Holder.....	230.46	31.54
02770-0038	EA	Redwood Post, Single Holder	99.05	31.54
02770-0039	EA	Redwood Post, Double Holder.....	114.70	31.54

02770-0040 Litter Receptacles, Freestanding (02770-0029)

Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.

02770-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded.....	948.50	16.09
		02MOD-0461 For Powder Coated Sand Pan, Add	50.00	
		02MOD-0463 For Orange Peel Lid, Add	25.00	
		02MOD-0464 For Polished Granite Lid, Add	50.00	
02770-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded.....	998.30	16.09
		02MOD-0461 For Powder Coated Sand Pan, Add	50.00	
		02MOD-0463 For Orange Peel Lid, Add	25.00	
		02MOD-0464 For Polished Granite Lid, Add	50.00	
02770-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded.....	1,163.80	24.13
		02MOD-0461 For Powder Coated Sand Pan, Add	50.00	
		02MOD-0463 For Orange Peel Lid, Add	25.00	
		02MOD-0464 For Polished Granite Lid, Add	50.00	
02770-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded.....	1,213.61	24.13
		02MOD-0461 For Powder Coated Sand Pan, Add	50.00	
		02MOD-0463 For Orange Peel Lid, Add	25.00	
		02MOD-0464 For Polished Granite Lid, Add	50.00	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02770-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,263.41	24.13
	02MOD-0461	For Powder Coated Sand Pan, Add	50.00	
	02MOD-0462	For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50	
	02MOD-0463	For Orange Peel Lid, Add	25.00	
	02MOD-0464	For Polished Granite Lid, Add	50.00	
02770-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,313.21	24.13
	02MOD-0461	For Powder Coated Sand Pan, Add	50.00	
	02MOD-0462	For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50	
	02MOD-0463	For Orange Peel Lid, Add	25.00	
	02MOD-0464	For Polished Granite Lid, Add	50.00	
02770-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount.....	1,047.80	20.92
	02MOD-0461	For Powder Coated Sand Pan, Add	50.00	
	02MOD-0463	For Orange Peel Lid, Add	25.00	
	02MOD-0464	For Polished Granite Lid, Add	50.00	
	02MOD-0465	For 1-1/2" x 6" Diameter Metal Cover Plate , Add	20.00	
02770-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount.....	1,097.60	20.92
	02MOD-0461	For Powder Coated Sand Pan, Add	50.00	
	02MOD-0463	For Orange Peel Lid, Add	25.00	
	02MOD-0464	For Polished Granite Lid, Add	50.00	
	02MOD-0465	For 1-1/2" x 6" Diameter Metal Cover Plate , Add	20.00	
02770-0049 Ash Receptacles (02770)				
02770-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	387.89	16.09
	02MOD-0466	For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50	
	02MOD-0467	For Sand Pan, Add	110.00	
	02MOD-0468	For Bowl And Funnel, Add	120.00	
02770-0051	EA	Exposed Aggregate Concrete Ash Urn.....	163.86	16.09
02770-0052	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	167.37	16.09
02770-0053 Trash Receptacles (02770)				
02770-0054	EA	Outdoor Covered Steel Receptacle With Liner	779.18	16.09
02770-0055	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	310.13	16.09
02770-0056	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	418.17	16.09
02770-0057	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	436.53	17.70
02770-0058	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	470.03	19.30
02770-0059	EA	Square Ash Containment With Exposed Aggregate Finish.....	336.05	12.87
02770-0060	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber.....	192.66	12.87
02770-0061	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	227.44	12.87
02770-0062	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass.....	237.17	16.09
02770-0063 Trash Containers (Dumpsters) (02770)				
02770-0064	EA	1 CY Straight Side Trash Dumpster.....	138.78	
02770-0065	EA	1.5 CY Straight Side Trash Dumpster.....	208.17	
02770-0066	EA	2 CY Straight Side Trash Dumpster.....	277.56	
02770-0067	EA	2 CY Sloped Side Trash Dumpster.....	277.56	
02770-0068	EA	3 CY Sloped Side Trash Dumpster.....	416.34	
02770-0069	EA	4 CY Sloped Side Trash Dumpster.....	555.12	
02770-0070	EA	6 CY Sloped Side Trash Dumpster.....	832.68	
02770-0071	EA	8 CY Sloped Side Trash Dumpster.....	1,110.24	
02771 Benches (02700)				
02771-0001 Benches (Landscapeforms) (02771)				
Note: Excludes embedding in concrete See CSI section 02711-0001 for drilling and concrete.				
02771-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade).....	1,278.66	64.36
02771-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,600.64	64.36
02771-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	1,807.63	64.36
02771-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade).....	147.17	16.09
02771-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's).....	1,278.66	64.36
02771-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's).....	1,462.65	64.36
02771-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's).....	1,600.64	64.36
02771-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	1,807.63	64.36
02771-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	1,830.63	64.36
02771-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,037.62	64.36
02771-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,509.10	64.36
02771-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,727.58	64.36
02771-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	706.01	48.27
02771-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	763.51	48.27
02771-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	825.59	56.31
02771-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	963.59	56.31
02771-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee).....	883.09	56.31
02771-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee).....	940.59	56.31
02771-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee).....	1,014.17	64.36
02771-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee).....	1,163.67	64.36
02771-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	986.58	56.31
02771-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,060.17	64.36
02771-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,117.67	64.36

02000 Site Construction**02700 Site Improvements****02771 Benches**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02771-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,267.16	64.36
02771-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	1,784.63	64.36
02771-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	2,049.12	64.36
02771-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,324.66	64.36
02771-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey).....	1,600.64	64.36
02771-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,738.64	64.36
02771-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	1,738.64	64.36
02771-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	1,945.63	64.36
02771-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,141.12	64.36
02771-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,348.10	64.36
02771-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,555.09	64.36
02771-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell).....	2,233.11	64.36
02771-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,440.10	64.36
02771-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell).....	2,739.08	64.36
02771-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,946.07	64.36
02771-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell).....	3,153.06	64.36
02771-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	480.66	16.09
02771-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	630.15	16.09
02771-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	630.15	16.09
02771-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus).....	584.15	16.09
02771-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus).....	722.14	16.09
02771-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	722.14	16.09
02771-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	722.14	16.09
02771-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus).....	114.99	16.09
02771-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio).....	653.15	16.09
02771-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	733.64	16.09
02771-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	814.14	16.09
02771-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	802.64	16.09
02771-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	883.14	16.09
02771-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	963.63	16.09
02771-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	791.14	16.09
02771-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio).....	871.64	16.09
02771-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	952.13	16.09
02771-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio).....	963.63	16.09
02771-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,044.13	16.09
02771-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,124.62	16.09
02771-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	963.63	16.09
02771-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,044.13	16.09
02771-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,124.62	16.09
02771-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,336.16	64.36
02771-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,359.16	64.36
02771-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,658.14	64.36
02771-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough).....	2,014.62	64.36
02771-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough).....	2,371.10	64.36
02771-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough).....	2,727.58	64.36
02771-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,255.66	64.36
02771-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,451.15	64.36
02771-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,474.15	64.36
02771-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	1,704.14	64.36
02771-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,922.63	64.36
02771-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,152.61	64.36
02771-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough).....	2,382.60	64.36
02771-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	1,922.63	64.36
02771-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	2,325.11	64.36
02771-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	2,716.08	64.36
02771-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough).....	2,946.07	64.36
02771-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	3,429.05	64.36
02771-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough).....	3,659.04	64.36
02771-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	3,889.02	64.36
02771-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	894.59	56.31
02771-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,078.58	56.31
02771-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,170.57	56.31
02771-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,382.15	64.36
02771-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square).....	1,566.14	64.36

02771-0089 Benches (Columbia Cascade, TimberForm) (02771)**02771-0090 Wood Benches (Columbia Cascade, TimberForm) (02771-0089)**

Note: Includes powder coated steel frames.

02771-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E).....	422.20	32.18
02771-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E).....	481.10	32.18
02771-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E).....	610.66	32.18
02771-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	439.87	32.18
02771-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	498.77	32.18
02771-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	634.22	32.18
02771-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	634.22	32.18
02771-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	734.33	32.18
02771-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	940.45	32.18
02771-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	663.66	32.18
02771-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P).....	763.78	32.18
02771-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P).....	981.67	32.18



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	02771-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E).....	1,205.46	32.18
	02771-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E).....	1,411.58	32.18
	02771-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E).....	1,841.49	32.18
	02771-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P).....	1,234.91	32.18
	02771-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P).....	1,441.03	32.18
	02771-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P).....	1,882.71	32.18
	02771-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E).....	486.99	32.18
	02771-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E).....	545.88	32.18
	02771-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P).....	504.66	32.18
	02771-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P).....	563.55	32.18
	02771-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E).....	799.11	32.18
	02771-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E).....	940.45	32.18
	02771-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P).....	846.22	32.18
	02771-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P).....	987.56	32.18
	02771-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6).....	521.43	48.27
	02771-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8).....	544.98	48.27
	02771-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10).....	727.55	48.27
	02771-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E).....	398.65	32.18
	02771-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E).....	457.54	32.18
	02771-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E).....	516.43	32.18
	02771-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E).....	657.77	32.18
	02771-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E).....	716.66	32.18
	02771-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P).....	404.54	32.18
	02771-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P).....	463.43	32.18
	02771-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P).....	522.32	32.18
	02771-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P).....	675.44	32.18
	02771-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P).....	734.33	32.18
	02771-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E).....	669.55	32.18
	02771-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E).....	769.67	32.18
	02771-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E).....	987.56	32.18
	02771-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E).....	1,087.68	32.18
	02771-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P).....	681.33	32.18
	02771-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P).....	781.44	32.18
	02771-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P).....	1,005.23	32.18
	02771-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P).....	1,105.35	32.18
	02771-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E).....	669.55	32.18
	02771-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E).....	934.56	32.18
	02771-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E).....	834.45	32.18
	02771-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E).....	1,093.57	32.18
	02771-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E).....	1,193.68	32.18
	02771-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P).....	763.78	32.18
	02771-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P).....	952.23	32.18
	02771-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P).....	846.22	32.18
	02771-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P).....	1,111.23	32.18
	02771-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P).....	1,211.35	32.18
	02771-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6).....	715.77	48.27
	02771-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8).....	821.77	48.27
	02771-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10).....	1,045.56	48.27
	02771-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6).....	780.55	48.27
	02771-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8).....	886.55	48.27
	02771-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10).....	1,145.67	48.27
	02771-0154		Recycled Plastic Benches (Columbia Cascade, TimberForm) (02771-0089)		
			Note: Includes powder coated steel frames.		
	02771-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E).....	569.44	32.18
	02771-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E).....	769.67	32.18
	02771-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P).....	587.10	32.18
	02771-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P).....	787.33	32.18
	02771-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E).....	881.56	32.18
	02771-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E).....	1,028.79	32.18
	02771-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P).....	928.67	32.18

02000 Site Construction**02700 Site Improvements****02771 Benches**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02771-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P).....	1,075.90	32.18
02771-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6).....	580.32	48.27
02771-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8).....	692.21	48.27
02771-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10).....	809.99	48.27
02771-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E).....	469.31	32.18
02771-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E).....	622.44	32.18
02771-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E).....	740.22	32.18
02771-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P).....	486.99	32.18
02771-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P).....	640.10	32.18
02771-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P).....	763.78	32.18
02771-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E).....	734.33	32.18
02771-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E).....	981.67	32.18
02771-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E).....	1,187.79	32.18
02771-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P).....	763.78	32.18
02771-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P).....	1,022.90	32.18
02771-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P).....	1,229.02	32.18
02771-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E).....	1,411.58	32.18
02771-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E).....	1,935.71	32.18
02771-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E).....	2,141.83	32.18
02771-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P).....	1,441.03	32.18
02771-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P).....	1,976.94	32.18
02771-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P).....	2,183.05	32.18
02771-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E).....	893.34	32.18
02771-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E).....	1,234.91	32.18
02771-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E).....	1,181.90	32.18
02771-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E).....	1,352.69	32.18
02771-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E).....	1,812.04	32.18
02771-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P).....	905.12	32.18
02771-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P).....	1,252.57	32.18
02771-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P).....	1,199.57	32.18
02771-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P).....	1,370.36	32.18
02771-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P).....	1,841.49	32.18
02771-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 6).....	863.00	48.27
02771-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 8).....	1,151.56	48.27
02771-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154- 10).....	1,416.57	48.27
02771-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6).....	963.11	48.27
02771-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8).....	1,275.24	48.27
02771-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10).....	1,398.91	48.27
02771-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E).....	422.21	32.18
02771-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E).....	545.88	32.18
02771-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E).....	728.44	32.18
02771-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E).....	852.11	32.18
02771-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E).....	987.56	32.18
02771-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P).....	433.99	32.18
02771-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P).....	557.66	32.18
02771-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P).....	746.11	32.18
02771-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P).....	869.78	32.18
02771-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P).....	1,011.12	32.18
02771-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E).....	799.11	32.18
02771-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E).....	1,087.68	32.18
02771-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E).....	1,335.02	32.18
02771-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E).....	1,499.92	32.18
02771-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P).....	810.89	32.18
02771-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P).....	1,105.35	32.18



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02771-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	1,352.69	32.18
02771-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	1,523.47	32.18

02772 Tables (02700)

02772-0001 Picnic Tables (02772)

02772-0002 Wooden Picnic Tables (02772-0001)

02772-0003	EA	6' Permanent Rectangular Redwood Table.....	657.99	48.27
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02772-0004 Portable Picnic Tables (02772-0001)

02772-0005	EA	6' Wood Table With Aluminum Frame	407.82	32.18
02772-0006	EA	6' Aluminum Table And Frame	573.80	32.18
02772-0007	EA	8' Aluminum Table And Frame	686.93	40.23
02772-0008	EA	6' Steel Table And Frame	822.40	32.18
02772-0009	EA	8' Steel Table And Frame	942.13	40.23

02772-0010 Concrete Picnic Tables (02772-0001)

02772-0011	EA	6' Concrete Picnic Table	1,548.05	145.71
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02772-0012 Plastic Picnic Tables (02772-0001)

Note: Manufactured from recycled plastic

02772-0013 Pedestal Tables - 4' Square, 2 Seats (02772-0012)

02772-0014	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	572.29	48.27
02772-0015	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	622.83	48.27

02772-0016 Pedestal Tables - 4' Square, 4 Seats (02772-0012)

02772-0017	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	736.17	48.27
02772-0018	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	804.03	48.27

02772-0019 Recycled Plastic Tables (02772-0012)

02772-0020	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	950.34	48.27
02772-0021	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	799.00	48.27
02772-0022	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	868.54	48.27
02772-0023	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	815.13	48.27
02772-0024	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	1,014.18	48.27
02772-0025	EA	4' Youth Table, Recycled Plastic Lumber	421.50	38.62

02773 Grills (02700)

02773-0001 Picnic Grills (02773)

02773-0002	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill	276.64	
		Note: 11 gauge with galvanized steel post.		
02773-0003	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill	295.83	
		Note: 7 gauge with galvanized steel post.		

02800 Landscaping (02000)

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 02840-0030 for additional "extended watering period" tasks.

02805 Transplanting (02800)

02805-0001 Moving Trees On Site, Relocate (02805)

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 02831-0080 for guying.

02805-0002	EA	Up To 24" Root Ball, Move Trees On Site	201.78	
		02MOD-0469 For > 5 To 10, Deduct	-10.09	
		02MOD-0470 For > 10 To 20, Deduct	-20.18	
		02MOD-0471 For > 20, Deduct	-30.27	
02805-0003	EA	>24" To 30" Root Ball, Move Trees On Site.....	276.73	
		02MOD-0469 For > 5 To 10, Deduct	-13.84	
		02MOD-0470 For > 10 To 20, Deduct	-27.67	
		02MOD-0471 For > 20, Deduct	-41.51	
02805-0004	EA	>30" To 36" Root Ball, Move Trees On Site.....	448.40	
		02MOD-0469 For > 5 To 10, Deduct	-22.42	
		02MOD-0470 For > 10 To 20, Deduct	-44.84	
		02MOD-0471 For > 20, Deduct	-67.26	

02000 Site Construction**02800 Landscaping****02805 Transplanting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02805-0005 EA >36" To 48" Root Ball, Move Trees On Site.....	745.04	
02MOD-0469 For > 5 To 10, Deduct	-37.25	
02MOD-0470 For > 10 To 20, Deduct	-74.50	
02MOD-0471 For > 20, Deduct	-111.76	
02805-0006 EA >48" To 60" Root Ball, Move Trees On Site.....	1,210.69	
02MOD-0469 For > 5 To 10, Deduct	-60.53	
02MOD-0470 For > 10 To 20, Deduct	-121.07	
02MOD-0471 For > 20, Deduct	-181.60	
02805-0007 EA >60" To 72" Root Ball, Move Trees On Site.....	1,562.18	
02MOD-0469 For > 5 To 10, Deduct	-78.11	
02MOD-0470 For > 10 To 20, Deduct	-156.22	
02MOD-0471 For > 20, Deduct	-234.33	
02805-0008 EA >72" To 84" Root Ball, Move Trees On Site.....	2,017.83	
02MOD-0469 For > 5 To 10, Deduct	-100.89	
02MOD-0470 For > 10 To 20, Deduct	-201.78	
02MOD-0471 For > 20, Deduct	-302.67	
02805-0009 EA >84" To 96" Root Ball, Move Trees On Site.....	2,421.39	
02MOD-0469 For > 5 To 10, Deduct	-121.07	
02MOD-0470 For > 10 To 20, Deduct	-242.14	
02MOD-0471 For > 20, Deduct	-363.21	
02805-0010 EA >96" To 120" Root Ball, Move Trees On Site.....	2,751.58	
02MOD-0469 For > 5 To 10, Deduct	-137.58	
02MOD-0470 For > 10 To 20, Deduct	-275.16	
02MOD-0471 For > 20, Deduct	-412.74	
02805-0011 Moving Shrubs On Site, Relocate ⁽⁰²⁸⁰⁵⁾		
Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 02831-0080 for guying.		
02805-0012 EA Up To 18" Root Ball, Move Shrubs On Site.....	47.17	
02MOD-0472 For > 25 To 50, Deduct	-4.72	
02MOD-0473 For > 50, Deduct	-7.08	
02805-0013 EA >18" To 24" Root Ball, Move Shrubs On Site.....	64.69	
02MOD-0472 For > 25 To 50, Deduct	-6.47	
02MOD-0473 For > 50, Deduct	-9.70	
02805-0014 EA >24" To 30" Root Ball, Move Shrubs On Site.....	80.86	
02MOD-0472 For > 25 To 50, Deduct	-8.09	
02MOD-0473 For > 50, Deduct	-12.13	
02805-0015 EA >30" To 36" Root Ball, Move Shrubs On Site.....	105.31	
02MOD-0472 For > 25 To 50, Deduct	-10.53	
02MOD-0473 For > 50, Deduct	-15.80	
02810 Plant Preparation ⁽⁰²⁸⁰⁰⁾		
02810-0001 Plant Bed Preparation ⁽⁰²⁸¹⁰⁾		
Note: Not for use when installing trees and shrubs.		
02810-0002 SF Prepare Plant Bed, Up To 8" Deep By Machine.....	0.78	
Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.16	
02810-0003 SF Prepare Plant Bed, 9" To 13" Deep By Machine.....	0.90	
Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.18	
02810-0004 SF Prepare Plant Bed, 14" To 18" Deep By Machine.....	1.06	
Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.21	
02810-0005 SF Prepare Plant Bed By Hand, Up To 8" Deep.....	3.72	
Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.74	
02810-0006 SF Prepare Plant Bed By Hand, 9" To 13" Deep.....	4.27	
Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.85	
02810-0007 SF Prepare Plant Bed By Hand, 14" To 18" Deep.....	5.03	
Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	1.01	
02810-0008 CY Excavate Planting Pit By Hand, Sandy Soil.....	64.36	
Note: For use with existing planting pits.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	12.87	
02810-0009 CY Excavate Planting Pit By Hand, Heavy Soil.....	128.72	
Note: For use with existing planting pits.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	25.74	
02810-0010 CY Excavate Planting Pit By Machine, Sandy Soil.....	9.27	
Note: For use with existing planting pits.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	1.85	
02810-0011 CY Excavate Planting Pit By Machine, Heavy Soil.....	12.07	
Note: For use with existing planting pits.		
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	2.41	
02810-0012 CY Backfill Planting Pit By Hand With Topsoil From Stockpile.....	57.19	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02810-0013 CY Backfill Planting Pit By Hand With Furnished Planting Mix	73.37	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	8.59	
02810-0014 CY Backfill Planting Pit By Machine, With Topsoil From Stockpile	5.30	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	1.06	
02810-0015 CY Backfill Planting Pit By Machine, With Furnished Planting Mix	34.85	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.88	
02810-0016 Weed Barrier <small>(02810)</small>		
02810-0017 SY 6 Mil Polyethylene Film Weed Barrier	0.88	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.10	
02810-0018 SY 4 Mil Polyethylene Film Weed Barrier	0.70	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.09	
02810-0019 SY Filter Fabric Weed Barrier	1.78	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.10	
02810-0020 Mulch <small>(02810)</small>		
Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers).		
02810-0021 CY Pine Bark Nugget Mulch	85.32	
02MOD-0477 For > 5 To 20, Deduct	-7.06	
02MOD-0478 For > 20 To 50, Deduct	-15.44	
02MOD-0479 For > 50, Deduct	-23.82	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0022 CY Hardwood Bark Nugget Mulch	84.14	
02MOD-0477 For > 5 To 20, Deduct	-7.00	
02MOD-0478 For > 20 To 50, Deduct	-15.38	
02MOD-0479 For > 50, Deduct	-23.76	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0023 CY Pine Wood Chip Mulch	81.79	
02MOD-0477 For > 5 To 20, Deduct	-6.88	
02MOD-0478 For > 20 To 50, Deduct	-15.26	
02MOD-0479 For > 50, Deduct	-23.64	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0024 CY Hardwood Chip Mulch	88.86	
02MOD-0477 For > 5 To 20, Deduct	-7.24	
02MOD-0478 For > 20 To 50, Deduct	-15.62	
02MOD-0479 For > 50, Deduct	-23.99	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0025 CY Shredded Hardwood Mulch	86.50	
02MOD-0477 For > 5 To 20, Deduct	-7.12	
02MOD-0478 For > 20 To 50, Deduct	-15.50	
02MOD-0479 For > 50, Deduct	-23.88	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0026 CY Shredded Pine Mulch	75.89	
02MOD-0477 For > 5 To 20, Deduct	-6.59	
02MOD-0478 For > 20 To 50, Deduct	-14.97	
02MOD-0479 For > 50, Deduct	-23.35	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0027 CY Shredded Cedar Mulch	98.88	
02MOD-0477 For > 5 To 20, Deduct	-7.74	
02MOD-0478 For > 20 To 50, Deduct	-16.12	
02MOD-0479 For > 50, Deduct	-24.50	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0028 CY Shredded Cypress Mulch	97.11	
02MOD-0477 For > 5 To 20, Deduct	-7.65	
02MOD-0478 For > 20 To 50, Deduct	-16.03	
02MOD-0479 For > 50, Deduct	-24.41	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0029 CY Shredded Redwood Mulch	101.82	
02MOD-0477 For > 5 To 20, Deduct	-7.88	
02MOD-0478 For > 20 To 50, Deduct	-16.26	
02MOD-0479 For > 50, Deduct	-24.64	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0030 CY Stone/Gravel Mulch	196.10	
02MOD-0477 For > 5 To 20, Deduct	-12.60	
02MOD-0478 For > 20 To 50, Deduct	-20.98	
02MOD-0479 For > 50, Deduct	-29.36	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0031 CY Pea Gravel Mulch	78.70	
02MOD-0477 For > 5 To 20, Deduct	-6.73	
02MOD-0478 For > 20 To 50, Deduct	-15.11	
02MOD-0479 For > 50, Deduct	-23.49	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	11.17	
02810-0032 CY Chunk Recycled Tire Mulch	152.33	
02MOD-0477 For > 5 To 20, Deduct	-11.11	
02MOD-0478 For > 20 To 50, Deduct	-21.58	
02MOD-0479 For > 50, Deduct	-32.06	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	13.97	
02810-0033 CY Chunk Colored Recycled Tire Mulch	233.64	
02MOD-0477 For > 5 To 20, Deduct	-15.17	
02MOD-0478 For > 20 To 50, Deduct	-25.65	
02MOD-0479 For > 50, Deduct	-36.12	
02MOD-0480 For Work On Slopes > 1 To 2.5, Add	13.97	

02000 Site Construction**02800 Landscaping****02810 Plant Preparation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02810-0034	CY	Shredded Recycled Tire Mulch.....	234.82	
		02MOD-0477 For > 5 To 20, Deduct	-15.23	
		02MOD-0478 For > 20 To 50, Deduct	-25.71	
		02MOD-0479 For > 50, Deduct	-36.18	
		02MOD-0480 For Work On Slopes > 1 To 2.5, Add	13.97	
02810-0035	CY	Shredded Colored Recycled Tire Mulch	397.45	
		02MOD-0477 For > 5 To 20, Deduct	-23.36	
		02MOD-0478 For > 20 To 50, Deduct	-33.84	
		02MOD-0479 For > 50, Deduct	-44.31	
		02MOD-0480 For Work On Slopes > 1 To 2.5, Add	13.97	
02810-0036	BALE	Pine Straw Mulch.....	7.03	
		Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
		02MOD-0474 For > 100 To 250, Deduct	-0.50	
		02MOD-0475 For > 250 To 500, Deduct	-0.64	
		02MOD-0476 For > 500, Deduct	-0.85	
		02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.58	
02810-0037	BALE	Wheat Straw Mulch.....	7.03	
		Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
		02MOD-0474 For > 100 To 250, Deduct	-0.46	
		02MOD-0475 For > 250 To 500, Deduct	-0.57	
		02MOD-0476 For > 500, Deduct	-0.81	
		02MOD-0480 For Work On Slopes > 1 To 2.5, Add	0.44	
02810-0038	CY	Stone Mulch, Decomposed Granite	89.89	
		02MOD-0480 For Work On Slopes > 1 To 2.5, Add	9.78	
02810-0039		Top Soil (02810)		
02810-0040		Remove And Stockpile Topsoil On Site (02810-0039)		
02810-0041	CY	Remove Topsoil, 4" Deep Stockpile On Site.....	3.40	
02810-0042	CY	Remove Topsoil, 6" Deep Stockpile On Site.....	3.36	
02810-0043		Scarify Subsoil For Planting Preparation (02810-0039)		
02810-0044	MSF	Up To 5000 SF Scarify Up To 8" Subsoil With Machine	43.40	
02810-0045	MSF	> 5000 To 20000 SF Scarify Up To 8" Subsoil With Machine	30.37	
02810-0046	MSF	Scarify Subsoil With Machine With Scarifier, > 20000 SF.....	17.87	
02810-0047		Screening Topsoil (02810-0039)		
02810-0048	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic).....	7.59	
02810-0049	CY	Screen Topsoil With Vibrating Screen, Dry Material	5.05	
02810-0050	CY	Screen Topsoil With Vibrating Screen And Mix With Conditioners	2.00	
02810-0051		Spreading Topsoil From Stockpile (02810-0039)		
02810-0052	CY	Spread Topsoil By Machine From Stockpile	5.54	
02810-0053	CY	Spread Topsoil By Hand From Stockpile	49.12	
02810-0054		Furnish And Place Imported Screened Topsoil (02810-0039)		
		Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 02119-0011 for hauling greater than 15 miles (24 kilometers), 02210-0030 for hand spreading.		
02810-0055	SY	Furnish And Place Imported Topsoil, 2" Deep	1.91	
02810-0056	SY	Furnish And Place Imported Topsoil, 4" Deep	3.62	
02810-0057	SY	Furnish And Place Imported Topsoil, 6" Deep	5.16	
02810-0058	SY	Furnish And Place Imported Topsoil, 9" Deep	7.35	
02810-0059	SY	Furnish And Place Imported Topsoil, 12" Deep	9.53	
02810-0060	CY	Furnish And Place Imported Topsoil, Over 12" Deep.....	27.98	
02810-0061		Spread Soil Conditioners (02810)		
02810-0062	SY	Aluminum Sulfate 1 LB/SY, Push Spreader.....	0.47	
02810-0063	MSF	Aluminum Sulfate 1 LB/SY, Tractor Spreader.....	45.92	
02810-0064	SY	Fertilizer, 0.2 LB/SY, Push Spreader	0.05	
02810-0065	MSF	Fertilizer, 0.2 LB/SY, Tractor Spread	7.22	
02810-0066	MSF	Fertilizer, 18.36 LB/MSF, Truck Spread.....	3.68	
02810-0067	SY	Pelletized Lime, 1 LB/SY, Push Spreader.....	0.10	
02810-0068	MSF	Pelletized Lime, 1 LB/SY, Tractor Spreader	8.14	
02810-0069	SY	Manure, 18 LB/SY, Push Spreader.....	2.72	
02810-0070	MSF	Manure, 18 LB/SY, Tractor Spreader.....	297.09	
02810-0071	SY	Perlite, 1" Deep, Push Spreader	4.23	
02810-0072	MSF	Perlite, 1" Deep, Tractor Spreader	440.03	
02810-0073	SY	Vermiculite, Push Spreader	3.92	
02810-0074	MSF	Vermiculite, Tractor Spreader	429.82	

02820 Seeding And Sodding (02800)**02820-0001 Seeding** (02820)



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	Note: Includes fertilizing, liming, mixing, seeding and initial watering.		
02820-0002	Push Spreader Or Hand Seeding <small>(02820-0001)</small>		
	Note: Excludes straw.		
02820-0003	MSF Common Bluegrass, Push Spreader Or Hand.....	77.46	
	Note: 4 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.48	
	02MOD-0482 For > 20 To 45, Deduct	-10.64	
	02MOD-0483 For > 45, Deduct	-17.40	
02820-0004	MSF Tall Fescue, Push Spreader Or Hand.....	71.95	
	Note: 5.5 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.21	
	02MOD-0482 For > 20 To 45, Deduct	-10.22	
	02MOD-0483 For > 45, Deduct	-16.85	
02820-0005	MSF Rye, Push Spreader Or Hand.....	72.34	
	Note: 10 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.23	
	02MOD-0482 For > 20 To 45, Deduct	-10.25	
	02MOD-0483 For > 45, Deduct	-16.89	
02820-0006	MSF Shade Mix, Push Spreader Or Hand.....	74.33	
	Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
	02MOD-0481 For > 5 To 20, Deduct	-5.33	
	02MOD-0482 For > 20 To 45, Deduct	-10.40	
	02MOD-0483 For > 45, Deduct	-17.09	
02820-0007	MSF Turf Mix, Push Spreader Or Hand.....	75.75	
	Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
	02MOD-0481 For > 5 To 20, Deduct	-5.40	
	02MOD-0482 For > 20 To 45, Deduct	-10.51	
	02MOD-0483 For > 45, Deduct	-17.23	
02820-0008	MSF Slope Mix, Push Spreader Or Hand.....	73.85	
	Note: 6 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.30	
	02MOD-0482 For > 20 To 45, Deduct	-10.37	
	02MOD-0483 For > 45, Deduct	-17.04	
02820-0009	MSF Utility Mix, Push Spreader Or Hand.....	71.48	
	Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
	02MOD-0481 For > 5 To 20, Deduct	-5.18	
	02MOD-0482 For > 20 To 45, Deduct	-10.19	
	02MOD-0483 For > 45, Deduct	-16.80	
02820-0010	MSF Wild Flower Mix, Push Spreader Or Hand.....	67.01	
	Note: 0.10 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-4.96	
	02MOD-0482 For > 20 To 45, Deduct	-9.85	
	02MOD-0483 For > 45, Deduct	-16.35	
02820-0011	MSF Crown Vetch Mix, Push Spreader Or Hand.....	102.35	
	Note: 4 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-6.73	
	02MOD-0482 For > 20 To 45, Deduct	-12.50	
	02MOD-0483 For > 45, Deduct	-19.89	
02820-0012	MSF Athletic Mix, Push Spreader Or Hand.....	81.45	
	Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
	02MOD-0481 For > 5 To 20, Deduct	-5.68	
	02MOD-0482 For > 20 To 45, Deduct	-10.94	
	02MOD-0483 For > 45, Deduct	-17.80	
02820-0013	MSF White Clover Mix, Push Spreader Or Hand.....	66.96	
	Note: 7 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-4.96	
	02MOD-0482 For > 20 To 45, Deduct	-9.85	
	02MOD-0483 For > 45, Deduct	-16.35	
02820-0014	MSF Ladino Clover Mix, Push Spreader Or Hand.....	68.86	
	Note: 7 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.05	
	02MOD-0482 For > 20 To 45, Deduct	-9.99	
	02MOD-0483 For > 45, Deduct	-16.54	
02820-0015	MSF 100% Kentucky Bluegrass, Push Spreader Or Hand.....	78.36	
	Note: 3.3 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.53	
	02MOD-0482 For > 20 To 45, Deduct	-10.70	
	02MOD-0483 For > 45, Deduct	-17.49	
02820-0016	MSF 70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand.....	75.75	
	Note: 3.3 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.40	
	02MOD-0482 For > 20 To 45, Deduct	-10.51	
	02MOD-0483 For > 45, Deduct	-17.23	
02820-0017	MSF 50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand.....	73.85	
	Note: 3.3 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.30	
	02MOD-0482 For > 20 To 45, Deduct	-10.37	
	02MOD-0483 For > 45, Deduct	-17.04	
02820-0018	MSF 50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand.....	77.65	
	Note: 4.4 LB/MSF spread rate.		
	02MOD-0481 For > 5 To 20, Deduct	-5.49	
	02MOD-0482 For > 20 To 45, Deduct	-10.65	
	02MOD-0483 For > 45, Deduct	-17.42	

02000 Site Construction**02800 Landscaping****02820 Seeding And Sodding**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02820-0019	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand.....	74.80	
		Note: 3.3 LB/MSF spread rate.		
	02MOD-0481	For > 5 To 20, Deduct	-5.35	
	02MOD-0482	For > 20 To 45, Deduct	-10.44	
	02MOD-0483	For > 45, Deduct	-17.13	
02820-0020	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	75.75	
		Note: 3.3 LB/MSF spread rate.		
	02MOD-0481	For > 5 To 20, Deduct	-5.40	
	02MOD-0482	For > 20 To 45, Deduct	-10.51	
	02MOD-0483	For > 45, Deduct	-17.23	
02820-0021		Tractor Spreader Mechanical Seeding (02820-0001)		
		Note: Excludes straw.		
02820-0022	MSF	Common Bluegrass, Tractor Spreader	28.48	
		Note: 4 LB/MSF spread rate.		
02820-0023	MSF	Tall Fescue, Tractor Spreader	22.97	
		Note: 5.5 LB/MSF spread rate.		
02820-0024	MSF	Rye, Tractor Spreader	23.36	
		Note: 10 LB/MSF spread rate.		
02820-0025	MSF	Shade Mix, Tractor Spreader.....	25.35	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
02820-0026	MSF	Turf Mix, Tractor Spreader.....	26.77	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
02820-0027	MSF	Slope Mix, Tractor Spreader.....	24.87	
		Note: 6 LB/MSF spread rate.		
02820-0028	MSF	Utility Mix, Tractor Spreader	22.50	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
02820-0029	MSF	Wild Flower Mix, Tractor Spreader.....	18.03	
		Note: 0.10 LB/MSF spread rate.		
02820-0030	MSF	Crown Vetch Mix, Tractor Spreader.....	53.37	
		Note: 4 LB/MSF spread rate.		
02820-0031	MSF	Athletic Mix, Tractor Spreader.....	32.47	
		Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
02820-0032	MSF	White Clover Mix, Tractor Spreader.....	17.98	
		Note: 7 LB/MSF spread rate.		
02820-0033	MSF	Ladino Clover Mix, Tractor Spreader	19.88	
		Note: 7 LB/MSF spread rate.		
02820-0034		Hydro Or Air Mechanical Seeding (02820-0001)		
02820-0035	MSF	Common Bluegrass, Hydro Or Air Seeding	58.85	
		Note: 4 LB/MSF spread rate.		
	02MOD-0484	For Spot Areas Up To 1 MSF, Add	64.24	
	02MOD-0485	For > 1 To 4 MSF, Add	41.37	
	02MOD-0486	For > 4 To 7.5 MSF, Add	28.09	
	02MOD-0487	For > 7.5 To 10 MSF, Add	14.04	
	02MOD-0488	For > 45, Deduct	-4.79	
02820-0036	MSF	Tall Fescue, Hydro Or Air Seeding	62.18	
		Note: 5.5 LB/MSF spread rate.		
	02MOD-0484	For Spot Areas Up To 1 MSF, Add	65.57	
	02MOD-0485	For > 1 To 4 MSF, Add	42.04	
	02MOD-0486	For > 4 To 7.5 MSF, Add	28.42	
	02MOD-0487	For > 7.5 To 10 MSF, Add	14.21	
	02MOD-0488	For > 45, Deduct	-4.96	
02820-0037	MSF	Rye, Hydro Or Air Spread	58.99	
		Note: 10 LB/MSF spread rate.		
	02MOD-0484	For Spot Areas Up To 1 MSF, Add	64.30	
	02MOD-0485	For > 1 To 4 MSF, Add	41.40	
	02MOD-0486	For > 4 To 7.5 MSF, Add	28.10	
	02MOD-0487	For > 7.5 To 10 MSF, Add	14.05	
	02MOD-0488	For > 45, Deduct	-4.80	
02820-0038	MSF	Shade Mix, Hydro Or Air Seeding.....	58.85	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
	02MOD-0484	For Spot Areas Up To 1 MSF, Add	64.24	
	02MOD-0485	For > 1 To 4 MSF, Add	41.37	
	02MOD-0486	For > 4 To 7.5 MSF, Add	28.09	
	02MOD-0487	For > 7.5 To 10 MSF, Add	14.04	
	02MOD-0488	For > 45, Deduct	-4.79	
02820-0039	MSF	Turf Mix, Hydro Or Air Seeding.....	62.18	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
	02MOD-0484	For Spot Areas Up To 1 MSF, Add	65.57	
	02MOD-0485	For > 1 To 4 MSF, Add	42.04	
	02MOD-0486	For > 4 To 7.5 MSF, Add	28.42	
	02MOD-0487	For > 7.5 To 10 MSF, Add	14.21	
	02MOD-0488	For > 45, Deduct	-4.96	
02820-0040	MSF	Slope Mix, Hydro Or Air Seeding	60.75	
		Note: 6 LB/MSF spread rate.		
	02MOD-0484	For Spot Areas Up To 1 MSF, Add	65.00	
	02MOD-0485	For > 1 To 4 MSF, Add	41.75	
	02MOD-0486	For > 4 To 7.5 MSF, Add	28.28	
	02MOD-0487	For > 7.5 To 10 MSF, Add	14.14	
	02MOD-0488	For > 45, Deduct	-4.89	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02820-0041	MSF Utility Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	59.60	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	64.54	
	02MOD-0485 For > 1 To 4 MSF, Add	41.52	
	02MOD-0486 For > 4 To 7.5 MSF, Add	28.16	
	02MOD-0487 For > 7.5 To 10 MSF, Add	14.08	
	02MOD-0488 For > 45, Deduct	-4.83	
02820-0042	MSF Wild Flower Mix, Hydro Or Air Seeding Note: 0.10 LB/MSF spread rate.	55.90	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	63.06	
	02MOD-0485 For > 1 To 4 MSF, Add	40.78	
	02MOD-0486 For > 4 To 7.5 MSF, Add	27.79	
	02MOD-0487 For > 7.5 To 10 MSF, Add	13.90	
	02MOD-0488 For > 45, Deduct	-4.65	
02820-0043	MSF Crown Vetch Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	89.25	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	76.40	
	02MOD-0485 For > 1 To 4 MSF, Add	47.45	
	02MOD-0486 For > 4 To 7.5 MSF, Add	31.13	
	02MOD-0487 For > 7.5 To 10 MSF, Add	15.56	
	02MOD-0488 For > 45, Deduct	-6.31	
02820-0044	MSF Athletic Mix, Hydro Or Air Seeding Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	78.81	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	72.22	
	02MOD-0485 For > 1 To 4 MSF, Add	45.36	
	02MOD-0486 For > 4 To 7.5 MSF, Add	30.08	
	02MOD-0487 For > 7.5 To 10 MSF, Add	15.04	
	02MOD-0488 For > 45, Deduct	-5.79	
02820-0045	MSF White Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	51.39	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	61.26	
	02MOD-0485 For > 1 To 4 MSF, Add	39.88	
	02MOD-0486 For > 4 To 7.5 MSF, Add	27.34	
	02MOD-0487 For > 7.5 To 10 MSF, Add	13.67	
	02MOD-0488 For > 45, Deduct	-4.42	
02820-0046	MSF Ladino Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	56.95	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	63.48	
	02MOD-0485 For > 1 To 4 MSF, Add	40.99	
	02MOD-0486 For > 4 To 7.5 MSF, Add	27.90	
	02MOD-0487 For > 7.5 To 10 MSF, Add	13.95	
	02MOD-0488 For > 45, Deduct	-4.70	
02820-0047	MSF 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread Note: 4 LB/MSF spread rate.	59.80	
	02MOD-0484 For Spot Areas Up To 1 MSF, Add	64.62	
	02MOD-0485 For > 1 To 4 MSF, Add	41.56	
	02MOD-0486 For > 4 To 7.5 MSF, Add	28.18	
	02MOD-0487 For > 7.5 To 10 MSF, Add	14.09	
	02MOD-0488 For > 45, Deduct	-4.84	
02820-0048	Sodding <small>(02820)</small> Note: Includes raking preparation, rolling of sod and sanding seams. For either rolls or squares.		
02820-0049	Bermuda Sod <small>(02820-0048)</small>		
02820-0050	MSF Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	970.52	
02820-0051	MSF >1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	939.08	
02820-0052	MSF >4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	871.69	
02820-0053	MSF >8,000 SF, Bermuda Sod, Installed On Level Ground	844.74	
02820-0054	MSF Up To 1,000 SF, Bermuda Sod, Installed On Sloped Ground	1,222.09	
02820-0055	MSF >1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped Ground	1,153.48	
02820-0056	MSF >4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped Ground	1,019.61	
02820-0057	MSF >8,000 SF, Bermuda Sod, Installed On Sloped Ground	970.52	
02820-0058	Zoysia Sod <small>(02820-0048)</small>		
02820-0059	MSF Up To 1,000 SF, Zoysia Sod, Installed On Level Ground	937.81	
02820-0060	MSF >1,000 To 4,000 SF, Zoysia Sod, Installed On Level Ground	906.37	
02820-0061	MSF >4,000 To 8,000 SF, Zoysia Sod, Installed On Level Ground	838.98	
02820-0062	MSF >8,000 SF, Zoysia Sod, Installed On Level Ground	812.03	
02820-0063	MSF Up To 1,000 SF, Zoysia Sod, Installed On Sloped Ground	1,189.38	
02820-0064	MSF >1,000 To 4,000 SF, Zoysia Sod, Installed On Sloped Ground	1,120.77	
02820-0065	MSF >4,000 To 8,000 SF, Zoysia Sod, Installed On Sloped Ground	986.90	
02820-0066	MSF >8,000 SF, Zoysia Sod, Installed On Sloped Ground	937.81	
02820-0067	Tall Fescue Sod <small>(02820-0048)</small>		
02820-0068	MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	928.54	
	02MOD-0489 For Hybrid Fescue "Marathon", Add	42.54	
02820-0069	MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	897.10	
	02MOD-0489 For Hybrid Fescue "Marathon", Add	42.54	
02820-0070	MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	829.71	
	02MOD-0489 For Hybrid Fescue "Marathon", Add	42.54	

02000 Site Construction**02800 Landscaping****02820 Seeding And Sodding**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02820-0071		MSF >8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	802.76	
		<i>02MOD-0489 For Hybrid Fescue "Marathon", Add</i>	42.54	
02820-0072		MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	1,180.11	
		<i>02MOD-0489 For Hybrid Fescue "Marathon", Add</i>	42.54	
02820-0073		MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	1,111.50	
		<i>02MOD-0489 For Hybrid Fescue "Marathon", Add</i>	42.54	
02820-0074		MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	977.63	
		<i>02MOD-0489 For Hybrid Fescue "Marathon", Add</i>	42.54	
02820-0075		MSF >8,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	928.54	
		<i>02MOD-0489 For Hybrid Fescue "Marathon", Add</i>	42.54	
02820-0076		Centipede Sod <i>(02820-0048)</i>		
02820-0077		MSF Up To 1,000 SF, Centipede Sod, Installed On Level Ground.....	860.39	
02820-0078		MSF >1,000 To 4,000 SF, Centipede Sod, Installed On Level Ground.....	828.95	
02820-0079		MSF >4,000 To 8,000 SF, Centipede Sod, Installed On Level Ground.....	761.56	
02820-0080		MSF >8,000 SF, Centipede Sod, Installed On Level Ground.....	734.61	
02820-0081		MSF Up To 1,000 SF, Centipede Sod, Installed On Sloped Ground.....	1,111.96	
02820-0082		MSF >1,000 To 4,000 SF, Centipede Sod, Installed On Sloped Ground.....	1,043.35	
02820-0083		MSF >4,000 To 8,000 SF, Centipede Sod, Installed On Sloped Ground.....	909.48	
02820-0084		MSF >8,000 SF, Centipede Sod, Installed On Sloped Ground.....	860.39	
02820-0085		Kentucky Blue Grass Sod <i>(02820-0048)</i>		
02820-0086		MSF Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	833.09	
02820-0087		MSF >1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	801.65	
02820-0088		MSF >4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	734.26	
02820-0089		MSF >8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	707.31	
02820-0090		MSF Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	1,084.66	
02820-0091		MSF >1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	1,016.05	
02820-0092		MSF >4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	882.18	
02820-0093		MSF >8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped Ground.....	833.09	
02820-0094		Sprigging <i>(02820)</i>		
		Note: 1" Deep. Includes fine grade and soil preparation.		
02820-0095		Bermuda Or Centipede Sprigging <i>(02820-0094)</i>		
02820-0096		6" On Center Sprigging <i>(02820-0095)</i>		
02820-0097		MSF Sprigging By Hand, 6" On Center.....	175.03	
02820-0098		MSF Sprigging By Walk Behind Sprig Planter, 6" On Center.....	31.64	
02820-0099		MSF Sprigging By Towed Sprig Planter, 6" On Center.....	25.81	
02820-0100		9" On Center Sprigging <i>(02820-0095)</i>		
02820-0101		MSF Sprigging By Hand, 9" On Center.....	134.03	
02820-0102		MSF Sprigging By Walk Behind Sprig Planter, 9" On Center.....	24.39	
02820-0103		MSF Sprigging By Towed Sprig Planter, 9" On Center.....	19.24	
02820-0104		12" On Center Sprigging <i>(02820-0095)</i>		
02820-0105		MSF Sprigging By Hand, 12" On Center.....	111.37	
02820-0106		MSF Sprigging By Walk Behind Sprig Planter, 12" On Center.....	16.13	
02820-0107		MSF Sprigging By Towed Sprig Planter, 12" On Center.....	12.17	
02820-0108		Lawn Bed Preparation <i>(02820)</i>		
02820-0109		MSF Rake Topsoil With Machine.....	58.97	
02820-0110		MSF Rake Topsoil By Hand.....	51.48	
02820-0111		MSF Screen Loam With Machine.....	74.51	
02820-0112		MSF Screen Loam By Hand.....	34.32	
02820-0113		SY Roll Topsoil With Machine.....	0.74	
02820-0114		SY Roll Topsoil By Hand.....	2.30	
02820-0115		MSF Remove Rocks And Debris With Machine.....	6.97	
02820-0116		MSF Remove Rocks And Debris By Hand.....	22.35	
02820-0117		MSF Root Raking And Loading, No Boulders.....	36.49	
		<i>02MOD-0627 For > 45 to 225, Deduct</i>	-25.54	
		<i>02MOD-0628 For > 225, Deduct</i>	-32.84	
02820-0118		MSF Root Raking And Loading, With Boulders.....	60.83	
		<i>02MOD-0627 For > 45 to 225, Deduct</i>	-42.58	
		<i>02MOD-0628 For > 225, Deduct</i>	-54.75	
02820-0119		SY Up To 6" Deep Tilling Topsoil With Tractor.....	0.09	
02820-0120		SY Up To 2" Deep Tilling Topsoil With Rototiller.....	0.54	
02820-0121		SY Up To 4" Deep Tilling Topsoil With Rototiller.....	0.66	
02820-0122		SY Up To 6" Deep Tilling Topsoil With Rototiller.....	0.82	
02820-0123		LF "V" Cut Soil For Edge Of Planting Beds.....	0.91	
02820-0124		SY Remove Sod By Hand.....	4.34	
02820-0125		SY Remove Sod With Machine.....	0.43	
02820-0126		SY Pile Sod By Hand.....	2.58	
02820-0127		SY Pile Sod With Machine.....	0.82	



Site Construction	02000	02
Landscaping	02800	
Seeding And Sodding	02820	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02831 Planting Trees, Shrubs And Ground Cover (02800)

02831-0001 Planting Of Trees, Shrubs And Ground Cover (02831)

Note: Includes labor and equipment only. Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

02831-0002 Planting Trees (02831-0001)

02831-0003	EA 3" To 5" Bare Root Seedlings Tree Planting.....	1.00
02831-0004	EA 6" To 10" Bare Root Seedlings Tree Planting.....	1.61
02831-0005	EA 11" To 16" Bare Root Seedlings Tree Planting.....	2.01
02831-0006	EA 17" To 24" Bare Root Seedlings Tree Planting.....	3.22
02831-0007	EA 1 Gallon Container Tree Planting.....	16.09
	02MOD-0490 For > 10 To 25, Deduct	-0.80
	02MOD-0491 For > 25 To 50, Deduct	-2.01
	02MOD-0492 For > 50 To 100, Deduct	-3.22
	02MOD-0493 For > 100, Deduct	-4.83
02831-0008	EA 2 Gallon Container Tree Planting.....	22.53
	02MOD-0490 For > 10 To 25, Deduct	-1.13
	02MOD-0491 For > 25 To 50, Deduct	-2.82
	02MOD-0492 For > 50 To 100, Deduct	-4.51
	02MOD-0493 For > 100, Deduct	-6.76
02831-0009	EA 3 Gallon Container Tree Planting.....	28.96
	02MOD-0490 For > 10 To 25, Deduct	-1.45
	02MOD-0491 For > 25 To 50, Deduct	-3.62
	02MOD-0492 For > 50 To 100, Deduct	-5.79
	02MOD-0493 For > 100, Deduct	-8.69
02831-0010	EA 5 Gallon Container Tree Planting.....	48.27
	02MOD-0490 For > 10 To 25, Deduct	-2.41
	02MOD-0491 For > 25 To 50, Deduct	-6.03
	02MOD-0492 For > 50 To 100, Deduct	-9.65
	02MOD-0493 For > 100, Deduct	-14.48
02831-0011	EA 7 Gallon Container Tree Planting.....	64.36
	02MOD-0490 For > 10 To 25, Deduct	-3.22
	02MOD-0491 For > 25 To 50, Deduct	-8.05
	02MOD-0492 For > 50 To 100, Deduct	-12.87
	02MOD-0493 For > 100, Deduct	-19.31
02831-0012	EA 10 Gallon Container Tree Planting.....	83.66
	02MOD-0490 For > 10 To 25, Deduct	-4.18
	02MOD-0491 For > 25 To 50, Deduct	-10.46
	02MOD-0492 For > 50 To 100, Deduct	-16.73
	02MOD-0493 For > 100, Deduct	-25.10
02831-0013	EA 15 Gallon Container Tree Planting.....	119.06
	02MOD-0490 For > 10 To 25, Deduct	-5.95
	02MOD-0491 For > 25 To 50, Deduct	-14.88
	02MOD-0492 For > 50 To 100, Deduct	-23.81
	02MOD-0493 For > 100, Deduct	-35.72
02831-0014	EA 20 Gallon Container Tree Planting.....	196.29
	02MOD-0490 For > 10 To 25, Deduct	-9.81
	02MOD-0491 For > 25 To 50, Deduct	-24.54
	02MOD-0492 For > 50 To 100, Deduct	-39.26
	02MOD-0493 For > 100, Deduct	-58.89
02831-0015	EA 25 Gallon Container Tree Planting.....	254.22
	02MOD-0490 For > 10 To 25, Deduct	-12.71
	02MOD-0491 For > 25 To 50, Deduct	-31.78
	02MOD-0492 For > 50 To 100, Deduct	-50.84
	02MOD-0493 For > 100, Deduct	-76.27
02831-0016	EA 30 Gallon Container Tree Planting.....	353.98
	02MOD-0490 For > 10 To 25, Deduct	-17.70
	02MOD-0491 For > 25 To 50, Deduct	-44.25
	02MOD-0492 For > 50 To 100, Deduct	-70.80
	02MOD-0493 For > 100, Deduct	-106.19
02831-0017	EA 45 Gallon Container Tree Planting.....	450.52
	02MOD-0490 For > 10 To 25, Deduct	-22.53
	02MOD-0491 For > 25 To 50, Deduct	-56.32
	02MOD-0492 For > 50 To 100, Deduct	-90.10
	02MOD-0493 For > 100, Deduct	-135.16
02831-0018	EA 65 Gallon Container Tree Planting.....	643.60
	02MOD-0490 For > 10 To 25, Deduct	-32.18
	02MOD-0491 For > 25 To 50, Deduct	-80.45
	02MOD-0492 For > 50 To 100, Deduct	-128.72
	02MOD-0493 For > 100, Deduct	-193.08
02831-0019	EA 6' Balled And Burlapped Tree Planting.....	160.90
	02MOD-0490 For > 10 To 25, Deduct	-8.05
	02MOD-0491 For > 25 To 50, Deduct	-20.11
	02MOD-0492 For > 50 To 100, Deduct	-32.18
	02MOD-0493 For > 100, Deduct	-48.27
02831-0020	EA 7' Balled And Burlapped Tree Planting.....	214.32
	02MOD-0490 For > 10 To 25, Deduct	-10.72
	02MOD-0491 For > 25 To 50, Deduct	-26.79
	02MOD-0492 For > 50 To 100, Deduct	-42.86
	02MOD-0493 For > 100, Deduct	-64.30

02000 Site Construction**02800 Landscaping****02831 Planting Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02831-0021	EA	8' Balled And Burlapped Tree Planting	241.35	
	02MOD-0490	For > 10 To 25, Deduct	-12.07	
	02MOD-0491	For > 25 To 50, Deduct	-30.17	
	02MOD-0492	For > 50 To 100, Deduct	-48.27	
	02MOD-0493	For > 100, Deduct	-72.41	
02831-0022	EA	10' Balled And Burlapped Tree Planting	281.57	
	02MOD-0490	For > 10 To 25, Deduct	-14.08	
	02MOD-0491	For > 25 To 50, Deduct	-35.20	
	02MOD-0492	For > 50 To 100, Deduct	-56.31	
	02MOD-0493	For > 100, Deduct	-84.47	
02831-0023	EA	12' Balled And Burlapped Tree Planting	376.50	
	02MOD-0490	For > 10 To 25, Deduct	-18.83	
	02MOD-0491	For > 25 To 50, Deduct	-47.06	
	02MOD-0492	For > 50 To 100, Deduct	-75.30	
	02MOD-0493	For > 100, Deduct	-112.95	
02831-0024	EA	14' Balled And Burlapped Tree Planting	431.21	
	02MOD-0490	For > 10 To 25, Deduct	-21.56	
	02MOD-0491	For > 25 To 50, Deduct	-53.90	
	02MOD-0492	For > 50 To 100, Deduct	-86.24	
	02MOD-0493	For > 100, Deduct	-129.36	
02831-0025	EA	16' Balled And Burlapped Tree Planting	522.93	
	02MOD-0490	For > 10 To 25, Deduct	-26.15	
	02MOD-0491	For > 25 To 50, Deduct	-65.37	
	02MOD-0492	For > 50 To 100, Deduct	-104.59	
	02MOD-0493	For > 100, Deduct	-156.88	
02831-0026	EA	18' Balled And Burlapped Tree Planting	627.51	
	02MOD-0490	For > 10 To 25, Deduct	-31.38	
	02MOD-0491	For > 25 To 50, Deduct	-78.44	
	02MOD-0492	For > 50 To 100, Deduct	-125.50	
	02MOD-0493	For > 100, Deduct	-188.25	
02831-0027	EA	20' Balled And Burlapped Tree Planting	724.05	
	02MOD-0490	For > 10 To 25, Deduct	-36.20	
	02MOD-0491	For > 25 To 50, Deduct	-90.51	
	02MOD-0492	For > 50 To 100, Deduct	-144.81	
	02MOD-0493	For > 100, Deduct	-217.22	
02831-0028	EA	1-1/2" Caliber Balled And Burlapped Tree Planting	241.35	
	02MOD-0490	For > 10 To 25, Deduct	-12.07	
	02MOD-0491	For > 25 To 50, Deduct	-30.17	
	02MOD-0492	For > 50 To 100, Deduct	-48.27	
	02MOD-0493	For > 100, Deduct	-72.41	
02831-0029	EA	2" Caliber Balled And Burlapped Tree Planting	281.57	
	02MOD-0490	For > 10 To 25, Deduct	-14.08	
	02MOD-0491	For > 25 To 50, Deduct	-35.20	
	02MOD-0492	For > 50 To 100, Deduct	-56.31	
	02MOD-0493	For > 100, Deduct	-84.47	
02831-0030	EA	2-1/2" Caliber Balled And Burlapped Tree Planting	378.12	
	02MOD-0490	For > 10 To 25, Deduct	-18.91	
	02MOD-0491	For > 25 To 50, Deduct	-47.27	
	02MOD-0492	For > 50 To 100, Deduct	-75.62	
	02MOD-0493	For > 100, Deduct	-113.44	
02831-0031	EA	3" Caliber Balled And Burlapped Tree Planting	434.43	
	02MOD-0490	For > 10 To 25, Deduct	-21.72	
	02MOD-0491	For > 25 To 50, Deduct	-54.30	
	02MOD-0492	For > 50 To 100, Deduct	-86.89	
	02MOD-0493	For > 100, Deduct	-130.33	
02831-0032	EA	3-1/2" Caliber Balled And Burlapped Tree Planting	482.70	
	02MOD-0490	For > 10 To 25, Deduct	-24.14	
	02MOD-0491	For > 25 To 50, Deduct	-60.34	
	02MOD-0492	For > 50 To 100, Deduct	-96.54	
	02MOD-0493	For > 100, Deduct	-144.81	
02831-0033	EA	4" Caliber Balled And Burlapped Tree Planting	553.49	
	02MOD-0490	For > 10 To 25, Deduct	-27.67	
	02MOD-0491	For > 25 To 50, Deduct	-69.19	
	02MOD-0492	For > 50 To 100, Deduct	-110.70	
	02MOD-0493	For > 100, Deduct	-166.05	
02831-0034		Planting Shrubs <small>(02831-0001)</small>		
02831-0035	EA	1 Gallon Container Shrub Planting	13.69	
	02MOD-0494	For > 10 To 25, Deduct	-0.68	
	02MOD-0495	For > 25 To 50, Deduct	-1.71	
	02MOD-0496	For > 50 To 100, Deduct	-2.74	
	02MOD-0497	For > 100, Deduct	-4.11	
02831-0036	EA	2 Gallon Container Shrub Planting	19.31	
	02MOD-0494	For > 10 To 25, Deduct	-0.97	
	02MOD-0495	For > 25 To 50, Deduct	-2.41	
	02MOD-0496	For > 50 To 100, Deduct	-3.86	
	02MOD-0497	For > 100, Deduct	-5.79	
02831-0037	EA	3 Gallon Container Shrub Planting	24.13	
	02MOD-0494	For > 10 To 25, Deduct	-1.21	
	02MOD-0495	For > 25 To 50, Deduct	-3.02	
	02MOD-0496	For > 50 To 100, Deduct	-4.83	
	02MOD-0497	For > 100, Deduct	-7.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02831-0038 EA 4 Gallon Container Shrub Planting	32.18	
02MOD-0494 For > 10 To 25, Deduct	-1.61	
02MOD-0495 For > 25 To 50, Deduct	-4.02	
02MOD-0496 For > 50 To 100, Deduct	-6.44	
02MOD-0497 For > 100, Deduct	-9.65	
02831-0039 EA 5 Gallon Container Shrub Planting	40.23	
02MOD-0494 For > 10 To 25, Deduct	-2.01	
02MOD-0495 For > 25 To 50, Deduct	-5.03	
02MOD-0496 For > 50 To 100, Deduct	-8.05	
02MOD-0497 For > 100, Deduct	-12.07	
02831-0040 EA 7 Gallon Container Shrub Planting	54.71	
02MOD-0494 For > 10 To 25, Deduct	-2.74	
02MOD-0495 For > 25 To 50, Deduct	-6.84	
02MOD-0496 For > 50 To 100, Deduct	-10.94	
02MOD-0497 For > 100, Deduct	-16.41	
02831-0041 EA 10 Gallon Container Shrub Planting	72.40	
02MOD-0494 For > 10 To 25, Deduct	-3.62	
02MOD-0495 For > 25 To 50, Deduct	-9.05	
02MOD-0496 For > 50 To 100, Deduct	-14.48	
02MOD-0497 For > 100, Deduct	-21.72	
02831-0042 EA 15 Gallon Container Shrub Planting	99.76	
02MOD-0494 For > 10 To 25, Deduct	-4.99	
02MOD-0495 For > 25 To 50, Deduct	-12.47	
02MOD-0496 For > 50 To 100, Deduct	-19.95	
02MOD-0497 For > 100, Deduct	-29.93	
02831-0043 EA 20 Gallon Container Shrub Planting	167.34	
02MOD-0494 For > 10 To 25, Deduct	-8.37	
02MOD-0495 For > 25 To 50, Deduct	-20.92	
02MOD-0496 For > 50 To 100, Deduct	-33.47	
02MOD-0497 For > 100, Deduct	-50.20	
02831-0044 EA 25 Gallon Container Shrub Planting	214.32	
02MOD-0494 For > 10 To 25, Deduct	-10.72	
02MOD-0495 For > 25 To 50, Deduct	-26.79	
02MOD-0496 For > 50 To 100, Deduct	-42.86	
02MOD-0497 For > 100, Deduct	-64.30	
02831-0045 EA 15" Balled And Burlapped Shrub Planting	45.05	
02MOD-0494 For > 10 To 25, Deduct	-2.25	
02MOD-0495 For > 25 To 50, Deduct	-5.63	
02MOD-0496 For > 50 To 100, Deduct	-9.01	
02MOD-0497 For > 100, Deduct	-13.52	
02831-0046 EA 18" Balled And Burlapped Shrub Planting	46.66	
02MOD-0494 For > 10 To 25, Deduct	-2.33	
02MOD-0495 For > 25 To 50, Deduct	-5.83	
02MOD-0496 For > 50 To 100, Deduct	-9.33	
02MOD-0497 For > 100, Deduct	-14.00	
02831-0047 EA 24" Balled And Burlapped Shrub Planting	51.48	
02MOD-0494 For > 10 To 25, Deduct	-2.57	
02MOD-0495 For > 25 To 50, Deduct	-6.44	
02MOD-0496 For > 50 To 100, Deduct	-10.30	
02MOD-0497 For > 100, Deduct	-15.44	
02831-0048 EA 30" Balled And Burlapped Shrub Planting	51.48	
02MOD-0494 For > 10 To 25, Deduct	-2.57	
02MOD-0495 For > 25 To 50, Deduct	-6.44	
02MOD-0496 For > 50 To 100, Deduct	-10.30	
02MOD-0497 For > 100, Deduct	-15.44	
02831-0049 EA 36" Balled And Burlapped Shrub Planting	56.31	
02MOD-0494 For > 10 To 25, Deduct	-2.82	
02MOD-0495 For > 25 To 50, Deduct	-7.04	
02MOD-0496 For > 50 To 100, Deduct	-11.26	
02MOD-0497 For > 100, Deduct	-16.89	
02831-0050 EA 42" Balled And Burlapped Shrub Planting	59.53	
02MOD-0494 For > 10 To 25, Deduct	-2.98	
02MOD-0495 For > 25 To 50, Deduct	-7.44	
02MOD-0496 For > 50 To 100, Deduct	-11.91	
02MOD-0497 For > 100, Deduct	-17.86	
02831-0051 EA 48" Balled And Burlapped Shrub Planting	64.36	
02MOD-0494 For > 10 To 25, Deduct	-3.22	
02MOD-0495 For > 25 To 50, Deduct	-8.05	
02MOD-0496 For > 50 To 100, Deduct	-12.87	
02MOD-0497 For > 100, Deduct	-19.31	
02831-0052 EA 5' Balled And Burlapped Shrub Planting	96.54	
02MOD-0494 For > 10 To 25, Deduct	-4.83	
02MOD-0495 For > 25 To 50, Deduct	-12.07	
02MOD-0496 For > 50 To 100, Deduct	-19.31	
02MOD-0497 For > 100, Deduct	-28.96	
02831-0053 EA 6' Balled And Burlapped Shrub Planting	136.76	
02MOD-0494 For > 10 To 25, Deduct	-6.84	
02MOD-0495 For > 25 To 50, Deduct	-17.10	
02MOD-0496 For > 50 To 100, Deduct	-27.35	
02MOD-0497 For > 100, Deduct	-41.03	
02831-0054 EA 7' Balled And Burlapped Shrub Planting	181.82	
02MOD-0494 For > 10 To 25, Deduct	-9.09	
02MOD-0495 For > 25 To 50, Deduct	-22.73	
02MOD-0496 For > 50 To 100, Deduct	-36.36	
02MOD-0497 For > 100, Deduct	-54.55	

02000 Site Construction**02800 Landscaping****02831 Planting Trees, Shrubs And Ground Cover**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02831-0055	EA	8'	Balled And Burlapped Shrub Planting	205.96	
	02MOD-0494		For > 10 To 25, Deduct	-10.30	
	02MOD-0495		For > 25 To 50, Deduct	-25.75	
	02MOD-0496		For > 50 To 100, Deduct	-41.19	
	02MOD-0497		For > 100, Deduct	-61.79	
02831-0056	EA	9'	Balled And Burlapped Shrub Planting	222.04	
	02MOD-0494		For > 10 To 25, Deduct	-11.10	
	02MOD-0495		For > 25 To 50, Deduct	-27.76	
	02MOD-0496		For > 50 To 100, Deduct	-44.41	
	02MOD-0497		For > 100, Deduct	-66.61	
02831-0057	EA	10'	Balled And Burlapped Shrub Planting	241.35	
	02MOD-0494		For > 10 To 25, Deduct	-12.07	
	02MOD-0495		For > 25 To 50, Deduct	-30.17	
	02MOD-0496		For > 50 To 100, Deduct	-48.27	
	02MOD-0497		For > 100, Deduct	-72.41	
02831-0058			Planting Groundcover, Vines, Perennials, Annuals And Bulbs (02831-0001)		
02831-0059	EA	2-1/4"	Diameter Potted Groundcover And Flower Planting	1.34	
	02MOD-0498		For > 10 To 25, Deduct	-0.07	
	02MOD-0499		For > 25 To 50, Deduct	-0.17	
	02MOD-0500		For > 50 To 100, Deduct	-0.27	
	02MOD-0501		For > 100, Deduct	-0.40	
02831-0060	EA	3"	Diameter Potted Groundcover And Flower Planting	1.53	
	02MOD-0498		For > 10 To 25, Deduct	-0.08	
	02MOD-0499		For > 25 To 50, Deduct	-0.19	
	02MOD-0500		For > 50 To 100, Deduct	-0.31	
	02MOD-0501		For > 100, Deduct	-0.46	
02831-0061	EA	4"	Diameter Potted Groundcover And Flower Planting	1.79	
	02MOD-0498		For > 10 To 25, Deduct	-0.09	
	02MOD-0499		For > 25 To 50, Deduct	-0.22	
	02MOD-0500		For > 50 To 100, Deduct	-0.36	
	02MOD-0501		For > 100, Deduct	-0.54	
02831-0062	EA	5-1/2"	Diameter Potted Groundcover And Flower Planting	2.15	
	02MOD-0498		For > 10 To 25, Deduct	-0.11	
	02MOD-0499		For > 25 To 50, Deduct	-0.27	
	02MOD-0500		For > 50 To 100, Deduct	-0.43	
	02MOD-0501		For > 100, Deduct	-0.65	
02831-0063	EA	6"	Diameter Potted Groundcover And Flower Planting	2.68	
	02MOD-0498		For > 10 To 25, Deduct	-0.13	
	02MOD-0499		For > 25 To 50, Deduct	-0.34	
	02MOD-0500		For > 50 To 100, Deduct	-0.54	
	02MOD-0501		For > 100, Deduct	-0.80	
02831-0064	EA	8"	Diameter Potted Groundcover And Flower Planting	4.02	
	02MOD-0498		For > 10 To 25, Deduct	-0.20	
	02MOD-0499		For > 25 To 50, Deduct	-0.50	
	02MOD-0500		For > 50 To 100, Deduct	-0.80	
	02MOD-0501		For > 100, Deduct	-1.21	
02831-0065	EA	1	Gallon Container Groundcover And Flower Planting	12.87	
	02MOD-0498		For > 10 To 25, Deduct	-0.64	
	02MOD-0499		For > 25 To 50, Deduct	-1.61	
	02MOD-0500		For > 50 To 100, Deduct	-2.57	
	02MOD-0501		For > 100, Deduct	-3.86	
02831-0066	EA	2	Gallon Container Groundcover And Flower Planting	17.70	
	02MOD-0498		For > 10 To 25, Deduct	-0.89	
	02MOD-0499		For > 25 To 50, Deduct	-2.21	
	02MOD-0500		For > 50 To 100, Deduct	-3.54	
	02MOD-0501		For > 100, Deduct	-5.31	
02831-0067	EA	3	Gallon Container Groundcover And Flower Planting	22.53	
	02MOD-0498		For > 10 To 25, Deduct	-1.13	
	02MOD-0499		For > 25 To 50, Deduct	-2.82	
	02MOD-0500		For > 50 To 100, Deduct	-4.51	
	02MOD-0501		For > 100, Deduct	-6.76	
02831-0068	EA	4	Gallon Container Groundcover And Flower Planting	28.96	
	02MOD-0498		For > 10 To 25, Deduct	-1.45	
	02MOD-0499		For > 25 To 50, Deduct	-3.62	
	02MOD-0500		For > 50 To 100, Deduct	-5.79	
	02MOD-0501		For > 100, Deduct	-8.69	
02831-0069	EA	5	Gallon Container Groundcover And Flower Planting	35.40	
	02MOD-0498		For > 10 To 25, Deduct	-1.77	
	02MOD-0499		For > 25 To 50, Deduct	-4.43	
	02MOD-0500		For > 50 To 100, Deduct	-7.08	
	02MOD-0501		For > 100, Deduct	-10.62	
02831-0070	EA	7	Gallon Container Groundcover And Flower Planting	48.27	
	02MOD-0498		For > 10 To 25, Deduct	-2.41	
	02MOD-0499		For > 25 To 50, Deduct	-6.03	
	02MOD-0500		For > 50 To 100, Deduct	-9.65	
	02MOD-0501		For > 100, Deduct	-14.48	
02831-0071	EA	Up To 25	Each Bulb Planting	0.80	
02831-0072	EA	26 To 50	Each Bulb Planting	0.72	
02831-0073	LOT	Lots Of 50	Bulb Planting	29.98	
02831-0074	LOT	Lots Of 60	Bulb Planting	35.98	
02831-0075	LOT	Lots Of 100	Bulb Planting	53.97	
02831-0076	EA	Flats Of 24	Groundcover And Flower Planting	22.52	
	02MOD-0502		For > 10 To 25, Deduct	-1.13	
	02MOD-0503		For > 25, Deduct	-2.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02831-0077 EA Flats Of 36 Groundcover And Flower Planting.....	31.95	
02MOD-0502 For > 10 To 25, Deduct	-1.60	
02MOD-0503 For > 25, Deduct	-3.99	
02831-0078 EA Flats Of 48 Groundcover And Flower Planting.....	42.54	
02MOD-0502 For > 10 To 25, Deduct	-2.13	
02MOD-0503 For > 25, Deduct	-5.32	
02831-0079 Tree Accessories (02831)		
02831-0080 Tree Guying (02831-0079)		
02831-0081 Tree Guying, Stakes (02831-0080)		
Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.		
02831-0082 EA Tree Guying Up To 2" Caliper, 2 Stakes.....	17.43	
02831-0083 EA Tree Guying 2" To 3" Caliper, 2 Stakes.....	31.15	
02831-0084 EA Tree Guying 3" To 4" Caliper, 3 Stakes.....	53.55	
02831-0085 Tree Guying, Anchors (02831-0080)		
Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.		
02831-0086 EA Tree Guying Up To 3" Caliper, 3" Anchors.....	73.02	
02831-0087 EA Tree Guying 3" To 6" Caliper, 4" Anchors.....	98.48	
02831-0088 EA Tree Guying 6" To 8" Caliper, 6" Anchors.....	125.99	
02831-0089 EA Tree Guying 8" And Up Caliper, 8" Anchors.....	162.99	
02831-0090 Tree Wrap (02831-0079)		
02831-0091 EA Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree.....	4.74	
02831-0092 EA Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree.....	7.79	
02831-0093 EA Tree Wrap, > 2" To 4" Caliper Applied Ground Level To First Branches Of Tree.....	15.25	
02831-0094 EA Tree Wrap, > 4" To 6" Caliper Applied Ground Level To First Branches Of Tree.....	23.13	
02831-0095 Tree Guards (02831-0079)		
02831-0096 EA 3' Preformed Plastic Tree Guard.....	7.37	
02831-0097 EA 2' Preformed Plastic Tree Guard.....	6.95	
02831-0098 Stake Out Tree And Shrub Locations (02831-0079)		
Note: When no design available.		
02831-0099 EA Stake Out Trees Or Shrubs.....	4.84	
02831-0100 Root Barriers (02831-0079)		
02831-0101 EA 18" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	10.97	
02831-0102 EA 24" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	13.00	
02831-0103 EA 36" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	17.52	
02831-0104 EA 48" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	23.55	
02831-0105 Tree Pits (02831)		
Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread.		
02831-0106 EA 2' x 1-1/4' Deep Tree Pit.....	81.08	
02831-0107 EA 2' x 2-1/2' Deep Tree Pit.....	121.59	
02831-0108 EA 2-1/2' x 1-1/2' Deep Tree Pit.....	157.12	
02831-0109 EA 2-1/2' x 3' Deep Tree Pit.....	235.64	
02831-0110 EA 3' x 1-3/4' Deep Tree Pit.....	242.41	
02831-0111 EA 3' x 3-1/2' Deep Tree Pit.....	361.72	
02831-0112 EA 3-1/2' x 1-3/4' Deep Tree Pit.....	296.98	
02831-0113 EA 3-1/2' x 3-1/2' Deep Tree Pit.....	444.84	
02831-0114 EA 4' x 2' Deep Tree Pit.....	354.96	
02831-0115 EA 4' x 4' Deep Tree Pit.....	532.14	
02831-0116 EA 4-1/2' x 2' Deep Tree Pit.....	510.85	
02831-0117 EA 4-1/2' x 4' Deep Tree Pit.....	767.82	
02831-0118 EA 5' x 2-1/4' Deep Tree Pit.....	679.52	
02831-0119 EA 5' x 4-1/2' Deep Tree Pit.....	1,012.07	
02831-0120 EA 6' x 2-1/2' Deep Tree Pit.....	963.69	
02831-0121 EA 6' x 5' Deep Tree Pit.....	1,443.37	
02831-0122 EA 7' x 3' Deep Tree Pit.....	1,623.38	
02831-0123 EA 7' x 6' Deep Tree Pit.....	2,448.20	
02831-0124 EA 8' x 3-1/4' Deep Tree Pit.....	2,231.78	
02831-0125 EA 8' x 6-1/2' Deep Tree Pit.....	3,346.23	

02832 Plants, Trees, Shrubs And Ground Cover (02800)

Note: (cvs = cultivar) materials only. See CSI section 02831-0000 for labor for installation and planting.

02832-0001 Ornamental Trees (02832)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
to site.		
02832-0002 EA 6' Clump Form Acer ginnala & cvs - Amur Maple	117.80	
02832-0003 EA 7' Clump Form Acer ginnala & cvs - Amur Maple	143.98	
02832-0004 EA 8' Clump Form Acer ginnala & cvs - Amur Maple	163.61	
02832-0005 EA 10' Clump Form Acer ginnala & cvs - Amur Maple	189.79	
02832-0006 EA 12' Clump Form Acer ginnala & cvs - Amur Maple	215.96	
02832-0007 EA 14' Clump Form Acer ginnala & cvs - Amur Maple	255.23	
02832-0008 EA 1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	341.30	
02832-0009 EA 2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	418.84	
02832-0010 EA 2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	523.55	
02832-0011 EA 5' Clump Form Acer griseum - Paperbark Maple	104.71	
02832-0012 EA 1-1/2" Caliber Aesculus californica - California Buckeye.....	261.77	
02832-0013 EA 2" Caliber Aesculus californica - California Buckeye.....	340.31	
02832-0014 EA 2-1/2" Caliber Aesculus californica - California Buckeye.....	392.66	
02832-0015 EA 3" Caliber Aesculus californica - California Buckeye.....	445.02	
02832-0016 EA 3-1/2" Caliber Aesculus californica - California Buckeye.....	523.55	
02832-0017 EA 6' Cercis occidentalis - Western Redbud	73.30	
02832-0018 EA 8' Cercis occidentalis - Western Redbud	100.85	
02832-0019 EA 2-1/2" Caliper Cercis occidentalis - Western Redbud	207.72	
02832-0020 EA 3" Caliper Cercis occidentalis - Western Redbud	252.87	
02832-0021 EA 2' To 3' Magnolia Virginiana - Sweetbay Magnolia.....	24.80	
02832-0022 EA 3' To 4' Magnolia Virginiana - Sweetbay Magnolia.....	37.21	
02832-0023 EA 4' To 5' Magnolia Virginiana - Sweetbay Magnolia.....	46.51	
02832-0024 EA 5' To 6' Magnolia Virginiana - Sweetbay Magnolia.....	57.93	
02832-0025 EA 4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	98.17	
02832-0026 EA 5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	130.89	
02832-0027 EA 6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	170.15	
02832-0028 EA 7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	189.79	
02832-0029 EA 8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	229.05	
02832-0030 EA 9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	255.23	
02832-0031 EA 4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	98.17	
02832-0032 EA 5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	130.89	
02832-0033 EA 6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	170.15	
02832-0034 EA 7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	189.79	
02832-0035 EA 8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	229.05	
02832-0036 EA 9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	255.23	
02832-0037 EA 1 Gallon Platanus racemosa - Western Sycamore	7.13	
02832-0038 EA 5 Gallon Platanus racemosa - Western Sycamore	20.40	
02832-0039 EA 15 Gallon Platanus racemosa - Western Sycamore	61.22	
02832-0040 EA 24" Box Platanus racemosa - Western Sycamore	163.27	
02832-0041 EA 1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore.....	8.15	
02832-0042 EA 5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore.....	34.52	
02832-0043 EA 20 Gallon Prunus subhirtella - Flowering Cherry	92.03	
02832-0044 EA 1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry.....	95.13	
02832-0045 EA 2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry.....	118.90	
02832-0046 EA 3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry.....	248.14	
02832-0047 EA 3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry.....	191.25	
02832-0048 EA 4" To 5" Caliper Prunus subhirtella - Flowering Cherry.....	372.22	
02832-0049 EA 5 Gallon Prunus cerasifera - Thundercloud Flowering Plum.....	23.77	
02832-0050 EA 15 Gallon Prunus cerasifera - Thundercloud Flowering Plum.....	65.11	
02832-0051 EA 20 Gallon Prunus cerasifera - Thundercloud Flowering Plum.....	84.80	
02832-0052 EA 5' To 6' Prunus cerasifera - Thundercloud Flowering Plum.....	26.87	
02832-0053 EA 6' To 8' Prunus cerasifera - Thundercloud Flowering Plum.....	51.68	
02832-0054 EA 1-1/2" To 2" Caliper Prunus cerasifera - Thundercloud Flowering Plum.....	95.13	
02832-0055 EA 2" To 2-1/2" Caliper Prunus cerasifera - Thundercloud Flowering Plum.....	113.74	
02832-0056 EA 1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry.....	74.46	
02832-0057 EA 1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry.....	62.01	
02832-0058 EA 1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	90.95	
02832-0059 EA 2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	108.57	
02832-0060 EA 2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	139.58	
02832-0061 EA 15 Gallon Pyrus - Aristocrat Flowering Pear	71.85	
02832-0062 EA 20 Gallon Pyrus - Aristocrat Flowering Pear	89.82	
02832-0063 EA 1-1/2" To 2" Caliper Pyrus - Aristocrat Flowering Pear	93.41	
02832-0064 EA 2" To 2-1/2" Caliper Pyrus - Aristocrat Flowering Pear	111.37	
02832-0065 EA 2-1/2" To 3" Caliper Pyrus - Aristocrat Flowering Pear	150.89	
02832-0066 EA 3" To 3-1/2" Caliper Pyrus - Aristocrat Flowering Pear	197.60	
02832-0067 EA 3-1/2" To 4" Caliper Pyrus - Aristocrat Flowering Pear	251.49	
02832-0068 EA 15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	71.85	
02832-0069 EA 20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	89.82	
02832-0070 EA 1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	61.08	
02832-0071 EA 2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	93.41	
02832-0072 EA 2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	111.28	
02832-0073 EA 3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	150.89	
02832-0074 EA 3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	197.60	
02832-0075 EA 1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	130.89	
02832-0076 EA 2" Caliper Pyrus calleryana & cvs - Callery Pear	163.61	
02832-0077 EA 2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	202.87	
02832-0078 EA 3" Caliper Pyrus calleryana & cvs - Callery Pear	229.05	
02832-0079 EA 3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	255.23	
02832-0080 EA 4" Caliper Pyrus calleryana & cvs - Callery Pear	327.22	
02832-0081 EA 1 Gallon Quercus agrifolia - Coast Live Oak	7.13	



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0082	EA	5	Gallon Quercus agrifolia - Coast Live Oak.....	20.40	
02832-0083	EA	15	Gallon Quercus agrifolia - Coast Live Oak.....	61.22	
02832-0084	EA	24"	Box Quercus agrifolia - Coast Live Oak.....	214.29	
02832-0085	EA	1	Gallon Rhamnus californica - Coffeeberry.....	7.13	
02832-0086	EA	5	Gallon Rhamnus californica - Coffeeberry.....	20.40	
02832-0087	EA	15	Gallon Rhamnus californica - Coffeeberry.....	61.22	
02832-0088	EA	1	Gallon Rhus integrifolia - Lemonade Berry.....	7.13	
02832-0089	EA	5	Gallon Rhus integrifolia - Lemonade Berry.....	20.40	
02832-0090	EA	15	Gallon Rhus integrifolia - Lemonade Berry.....	61.22	
02832-0091	EA	24"	Box Rhus integrifolia - Lemonade Berry.....	204.09	
02832-0092	EA	1	Gallon Ribes aureum - Golden Current.....	7.13	
02832-0093	EA	5	Gallon Ribes aureum - Golden Current.....	20.40	
02832-0094	EA	1	Gallon Ribes sanguineum - Red Flowering Currant.....	7.13	
02832-0095	EA	5	Gallon Ribes sanguineum - Red Flowering Currant.....	20.40	
02832-0096	EA	1	Gallon Ribes speciosum - Flowering Gooseberry.....	7.13	
02832-0097	EA	5	Gallon Ribes speciosum - Flowering Gooseberry.....	20.40	
02832-0098	EA	1	Gallon Ribes viburnifolium - Evergreen Currant.....	7.13	
02832-0099	EA	5	Gallon Ribes viburnifolium - Evergreen Currant.....	20.40	
02832-0100	EA	8'	Cassia leptophlia - Gold Medallion Tree.....	179.69	
02832-0101	EA	10'	Cassia leptophlia - Gold Medallion Tree.....	228.06	
02832-0102	EA	12'	Cassia leptophlia - Gold Medallion Tree.....	276.44	
02832-0103	EA	6'	Magnolia grandiflora 'St. Mary's'.....	207.33	
02832-0104	EA	8'	Magnolia grandiflora 'St. Mary's'.....	366.28	
02832-0105	EA	10'	Magnolia grandiflora 'St. Mary's'.....	460.27	
02832-0106	EA	12'	Magnolia grandiflora 'St. Mary's'.....	552.88	
02832-0107	EA	14'	Magnolia grandiflora 'St. Mary's'.....	642.72	
02832-0108	EA	16'	Magnolia grandiflora 'St. Mary's'.....	760.21	
02832-0109	EA	24"	Box Magnolia grandiflora 'St. Mary's'.....	228.06	
02832-0110	EA	6'	Prunus cerasifera - Purple Leaf Plum.....	107.81	
02832-0111	EA	8'	Prunus cerasifera - Purple Leaf Plum.....	124.40	
02832-0112	EA	10'	Prunus cerasifera - Purple Leaf Plum.....	160.34	
02832-0113	EA	24"	Box Prunus cerasifera - Purple Leaf Plum.....	170.70	
02832-0114	EA	30"	Box Prunus cerasifera - Purple Leaf Plum.....	345.55	
02832-0115	EA	36"	Box Prunus cerasifera - Purple Leaf Plum.....	530.07	
02832-0116	EA	6'	Pittosporum phylliraeoides - Willow Pittorporum.....	225.30	
02832-0117	EA	8'	Pittosporum phylliraeoides - Willow Pittorporum.....	322.05	
02832-0118	EA	10'	Pittosporum phylliraeoides - Willow Pittorporum.....	385.63	
02832-0119	EA	12'	Pittosporum phylliraeoides - Willow Pittorporum.....	497.59	
02832-0120	EA	6'	Stenocarpus sinuatus - Firewheel Tree.....	331.73	
02832-0121	EA	8'	Stenocarpus sinuatus - Firewheel Tree.....	442.30	
02832-0122	EA	10'	Stenocarpus sinuatus - Firewheel Tree.....	552.88	
02832-0123	EA	12'	Stenocarpus sinuatus - Firewheel Tree.....	663.46	
02832-0124	EA	24"	Box Tabebuia ipi - Pink Trumpet.....	322.05	
02832-0125	EA	36"	Box Tabebuia ipi - Pink Trumpet.....	856.96	
02832-0126	EA	1-1/2"	Caliber Arbutus menziesii - Madrona.....	240.38	
02832-0127	EA	2"	Caliber Arbutus menziesii - Madrona.....	312.50	
02832-0128	EA	2-1/2"	Caliber Arbutus menziesii - Madrona.....	360.57	
02832-0129	EA	3"	Caliber Arbutus menziesii - Madrona.....	408.65	
02832-0130	EA	3-1/2"	Caliber Arbutus menziesii - Madrona.....	480.77	
02832-0131	EA	1-1/2"	Caliber Koelreuteria bipinnata - Chinese Lantern.....	165.86	
02832-0132	EA	2"	Caliber Koelreuteria bipinnata - Chinese Lantern.....	269.53	
02832-0133	EA	2-1/2"	Caliber Koelreuteria bipinnata - Chinese Lantern.....	331.73	
02832-0134	EA	3"	Caliber Koelreuteria bipinnata - Chinese Lantern.....	366.28	
02832-0135	EA	24"	Box Koelreuteria bipinnata - Chinese Lantern.....	161.72	
02832-0136	EA	30"	Box Koelreuteria bipinnata - Chinese Lantern.....	373.19	
02832-0137	EA	36"	Box Koelreuteria bipinnata - Chinese Lantern.....	583.98	
02832-0138	EA	1-1/2"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	150.66	
02832-0139	EA	2"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	244.65	
02832-0140	EA	2-1/2"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	299.94	
02832-0141	EA	3"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	338.64	
02832-0142	EA	6'	Magnolia grandiflora - Southern Magnolia.....	102.28	
02832-0143	EA	7'	Magnolia grandiflora - Southern Magnolia.....	154.81	
02832-0144	EA	8'	Magnolia grandiflora - Southern Magnolia.....	217.01	
02832-0145	EA	9'	Magnolia grandiflora - Southern Magnolia.....	288.88	
02832-0146	EA	10'	Magnolia grandiflora - Southern Magnolia.....	439.54	
02832-0147	EA	24"	Box Magnolia grandiflora - Southern Magnolia.....	179.69	
02832-0148	EA	1-1/2"	Caliber Tipuana tipu - Tipu Tree.....	214.24	
02832-0149	EA	2"	Caliber Tipuana tipu - Tipu Tree.....	279.20	
02832-0150	EA	2-1/2"	Caliber Tipuana tipu - Tipu Tree.....	353.84	
02832-0151	EA	3"	Caliber Tipuana tipu - Tipu Tree.....	407.75	
02832-0152	EA	3-1/2"	Caliber Tipuana tipu - Tipu Tree.....	599.87	
02832-0153	EA	4"	Caliber Tipuana tipu - Tipu Tree.....	801.68	
02832-0154	EA	24"	Box Tipuana tipu - Tipu Tree.....	161.72	
02832-0155	EA	6'	Albizia julibrissin - Silk Tree.....	331.73	
02832-0156	EA	8'	Albizia julibrissin - Silk Tree.....	442.30	
02832-0157	EA	10'	Albizia julibrissin - Silk Tree.....	552.88	
02832-0158	EA	12'	Albizia julibrissin - Silk Tree.....	663.46	
02832-0159	EA	6'	Brachychiton acerifolius - Flame Tree.....	331.73	
02832-0160	EA	8'	Brachychiton acerifolius - Flame Tree.....	442.30	
02832-0161	EA	10'	Brachychiton acerifolius - Flame Tree.....	552.88	
02832-0162	EA	12'	Brachychiton acerifolius - Flame Tree.....	663.46	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02832-0163	EA	1-1/2" Caliber Chilopsis linearis - Desert Willow	268.15	
02832-0164	EA	2" Caliber Chilopsis linearis - Desert Willow	322.05	
02832-0165	EA	2-1/2" Caliber Chilopsis linearis - Desert Willow	342.79	
02832-0166	EA	3" Caliber Chilopsis linearis - Desert Willow	380.10	
02832-0167	EA	5 Gallon Chionanthus retusus - Chinese Fringe Tree	13.82	
02832-0168	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	55.29	
02832-0169	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	276.44	
02832-0170	EA	5 Gallon Calodendrum capense - Cape Chestnut	20.73	
02832-0171	EA	15 Gallon Calodendrum capense - Cape Chestnut	82.93	
02832-0172	EA	24" Box Calodendrum capense - Cape Chestnut	311.00	
02832-0173	EA	6' Chionanthus virginicus - White Fringe Tree	165.86	
02832-0174	EA	8' Chionanthus virginicus - White Fringe Tree	210.73	
02832-0175	EA	10' Chionanthus virginicus - White Fringe Tree	293.51	
02832-0176	EA	15 Gallon Geijera parvifolia - Australian Willow	90.31	
02832-0177	EA	24" Box Geijera parvifolia - Australian Willow	185.89	
02832-0178	EA	30" Box Geijera parvifolia - Australian Willow	346.20	
02832-0179	EA	36" Box Geijera parvifolia - Australian Willow	496.72	
02832-0180	EA	1-1/2" Caliber Ginko Biloba - Maidenhair Tree	267.93	
02832-0181	EA	2" Caliber Ginko Biloba - Maidenhair Tree	373.29	
02832-0182	EA	2-1/2" Caliber Ginko Biloba - Maidenhair Tree	450.05	
02832-0183	EA	3" Caliber Ginko Biloba - Maidenhair Tree	525.31	
02832-0184	EA	3-1/2" Caliber Ginko Biloba - Maidenhair Tree	687.88	
02832-0185	EA	4" Caliber Ginko Biloba - Maidenhair Tree	734.54	
02832-0186	EA	4-1/2" Caliber Ginko Biloba - Maidenhair Tree	782.70	
02832-0187	EA	24" Box Ginko Biloba - Maidenhair Tree	244.60	
02832-0188	EA	15 Gallon Sapium sebiferum - Chinese Tallow Tree	90.31	
02832-0189	EA	24" Box Sapium sebiferum - Chinese Tallow Tree	331.14	
02832-0190	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	96.33	
02832-0191	EA	6' Lagerstroemia indica - Crape Myrtle	179.12	
02832-0192	EA	8' Lagerstroemia indica - Crape Myrtle	185.14	
02832-0193	EA	10' Lagerstroemia indica - Crape Myrtle	224.27	
02832-0194	EA	24" Box Lagerstroemia indica - Crape Myrtle	176.11	

02832-0195**Shade Trees** (02832)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

02832-0196	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	292.02	
02832-0197	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	357.96	
02832-0198	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	466.29	
02832-0199	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	604.45	
02832-0200	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	30.80	
02832-0201	EA	4' To 5' Acer palmatum - Japanese Maple	64.68	
02832-0202	EA	5' To 6' Acer palmatum - Japanese Maple	84.70	
02832-0203	EA	6' To 7' Acer palmatum - Japanese Maple	154.00	
02832-0204	EA	7' To 8' Acer palmatum - Japanese Maple	215.60	
02832-0205	EA	8' To 10' Acer palmatum - Japanese Maple	277.21	
02832-0206	EA	10' To 12' Acer palmatum - Japanese Maple	369.61	
02832-0207	EA	2" Caliper Acer platanoides & cvs - Norway Maple	157.00	
02832-0208	EA	2" Caliper Acer platanoides & cvs - Norway Maple	191.13	
02832-0209	EA	3" Caliper Acer platanoides & cvs - Norway Maple	245.74	
02832-0210	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	286.70	
02832-0211	EA	4" Caliper Acer platanoides & cvs - Norway Maple	307.17	
02832-0212	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	334.48	
02832-0213	EA	5" Caliper Acer platanoides & cvs - Norway Maple	375.43	
02832-0214	EA	2" Caliper Acer rubrum & cvs - Red Maple	150.17	
02832-0215	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	191.13	
02832-0216	EA	3" Caliper Acer rubrum & cvs - Red Maple	245.74	
02832-0217	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	300.35	
02832-0218	EA	4" Caliper Acer rubrum & cvs - Red Maple	341.30	
02832-0219	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	395.91	
02832-0220	EA	5" Caliper Acer rubrum & cvs - Red Maple	443.70	
02832-0221	EA	8' Clump Form Acer rubrum & cvs - Red Maple	184.30	
02832-0222	EA	10' Clump Form Acer rubrum & cvs - Red Maple	245.74	
02832-0223	EA	12' Clump Form Acer rubrum & cvs - Red Maple	286.70	
02832-0224	EA	14' Clump Form Acer rubrum & cvs - Red Maple	327.65	
02832-0225	EA	16' Clump Form Acer rubrum & cvs - Red Maple	368.61	
02832-0226	EA	18' Clump Form Acer rubrum & cvs - Red Maple	409.57	
02832-0227	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	238.91	
02832-0228	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	266.22	
02832-0229	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	300.35	
02832-0230	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	341.30	
02832-0231	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	409.57	
02832-0232	EA	2" Caliper Betula nigra - River Birch	170.65	
02832-0233	EA	2-1/2" Caliper Betula nigra - River Birch	193.25	
02832-0234	EA	3" Caliper Betula nigra - River Birch	218.43	
02832-0235	EA	3-1/2" Caliper Betula nigra - River Birch	273.04	
02832-0236	EA	4" Caliper Betula nigra - River Birch	307.17	
02832-0237	EA	4-1/2" Caliper Betula nigra - River Birch	341.30	
02832-0238	EA	5" Caliper Betula nigra - River Birch	375.43	
02832-0239	EA	8' Clump Form Betula nigra - River Birch	157.00	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0240	EA	10' Clump Form Betula nigra - River Birch.....	177.48	
02832-0241	EA	12' Clump Form Betula nigra - River Birch.....	204.78	
02832-0242	EA	14' Clump Form Betula nigra - River Birch.....	238.91	
02832-0243	EA	16' Clump Form Betula nigra - River Birch.....	273.04	
02832-0244	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	204.78	
02832-0245	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	245.74	
02832-0246	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	286.70	
02832-0247	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	341.30	
02832-0248	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	354.96	
02832-0249	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam.....	273.04	
02832-0250	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam.....	307.17	
02832-0251	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam.....	354.96	
02832-0252	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam.....	430.04	
02832-0253	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam.....	122.87	
02832-0254	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam.....	170.65	
02832-0255	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam.....	211.61	
02832-0256	EA	2" Caliber Catalpa speciosa - Western Catalpa.....	150.17	
02832-0257	EA	2-1/2" Caliber Catalpa speciosa - Western Catalpa.....	204.78	
02832-0258	EA	3" Caliber Catalpa speciosa - Western Catalpa.....	266.22	
02832-0259	EA	3-1/2" Caliber Catalpa speciosa - Western Catalpa.....	320.83	
02832-0260	EA	4" Caliber Catalpa speciosa - Western Catalpa.....	368.61	
02832-0261	EA	8' Clump Form Corylus cornuta californica - Western Filbert.....	191.13	
02832-0262	EA	10' Clump Form Corylus cornuta californica - Western Filbert.....	232.09	
02832-0263	EA	12' Clump Form Corylus cornuta californica - Western Filbert.....	273.04	
02832-0264	EA	1-1/2" Caliber Diospyros - Persimmon.....	122.87	
02832-0265	EA	2" Caliber Diospyros - Persimmon.....	150.17	
02832-0266	EA	2-1/2" Caliber Diospyros - Persimmon.....	191.13	
02832-0267	EA	3" Caliber Diospyros - Persimmon.....	238.91	
02832-0268	EA	3-1/2" Caliber Diospyros - Persimmon.....	286.70	
02832-0269	EA	2" Caliper Fagus sylvatica & cvs - European Beech.....	307.17	
02832-0270	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech.....	368.61	
02832-0271	EA	3" Caliper Fagus sylvatica & cvs - European Beech.....	443.70	
02832-0272	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech.....	491.48	
02832-0273	EA	4" Caliper Fagus sylvatica & cvs - European Beech.....	580.22	
02832-0274	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech.....	750.87	
02832-0275	EA	5" Caliper Fagus sylvatica & cvs - European Beech.....	887.39	
02832-0276	EA	2" Caliper Fraxinus americana & cvs - White Ash.....	170.65	
02832-0277	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash.....	204.78	
02832-0278	EA	3" Caliper Fraxinus americana & cvs - White Ash.....	259.39	
02832-0279	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash.....	314.00	
02832-0280	EA	4" Caliper Fraxinus americana & cvs - White Ash.....	368.61	
02832-0281	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash.....	409.57	
02832-0282	EA	5" Caliper Fraxinus americana & cvs - White Ash.....	477.83	
02832-0283	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	238.91	
02832-0284	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	266.22	
02832-0285	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	300.35	
02832-0286	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	334.48	
02832-0287	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	375.43	
02832-0288	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	409.57	
02832-0289	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	614.35	
02832-0290	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	682.61	
02832-0291	EA	2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	163.83	
02832-0292	EA	2-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	204.78	
02832-0293	EA	3" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	245.74	
02832-0294	EA	3-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	286.70	
02832-0295	EA	4" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	327.65	
02832-0296	EA	4-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	368.61	
02832-0297	EA	5" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	436.87	
02832-0298	EA	10' - 12' Bursera Simaruba - Gumbo Limbo.....	86.35	
02832-0299	EA	12' - 14' Bursera Simaruba - Gumbo Limbo.....	102.05	
02832-0300	EA	14' - 16' Bursera Simaruba - Gumbo Limbo.....	141.30	
02832-0301	EA	17' - 18' Bursera Simaruba - Gumbo Limbo.....	183.69	
02832-0302	EA	19' - 20' Bursera Simaruba - Gumbo Limbo.....	204.10	
02832-0303	EA	21' - 22' Bursera Simaruba - Gumbo Limbo.....	241.78	
02832-0304	EA	1-1/2" Caliber Juglans californica - California Walnut.....	163.83	
02832-0305	EA	2" Caliber Juglans californica - California Walnut.....	191.13	
02832-0306	EA	2-1/2" Caliber Juglans californica - California Walnut.....	238.91	
02832-0307	EA	3" Caliber Juglans californica - California Walnut.....	300.35	
02832-0308	EA	3-1/2" Caliber Juglans californica - California Walnut.....	368.61	
02832-0309	EA	4" Caliber Juglans californica - California Walnut.....	443.70	
02832-0310	EA	4-1/2" Caliber Juglans californica - California Walnut.....	511.96	
02832-0311	EA	5" Caliber Juglans californica - California Walnut.....	580.22	
02832-0312	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	18.48	
02832-0313	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	46.20	
02832-0314	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	92.40	
02832-0315	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	120.12	
02832-0316	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	87.78	
02832-0317	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	106.26	
02832-0318	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	147.84	
02832-0319	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	218.43	
02832-0320	EA	2" Caliper Liquidambar styraciflua - American Sweetgum.....	273.04	

02000 Site Construction

02800 Landscaping

02832 Plants, Trees, Shrubs And Ground Cover



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0321	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	341.30	
02832-0322	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	409.57	
02832-0323	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	477.83	
02832-0324	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	218.43	
02832-0325	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	300.35	
02832-0326	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	354.96	
02832-0327	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	409.57	
02832-0328	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	464.17	
02832-0329	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	163.83	
02832-0330	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	293.52	
02832-0331	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	354.96	
02832-0332	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	218.43	
02832-0333	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	273.04	
02832-0334	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	341.30	
02832-0335	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	409.57	
02832-0336	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	477.83	
02832-0337	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	95.57	
02832-0338	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	109.22	
02832-0339	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	129.70	
02832-0340	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	163.83	
02832-0341	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	204.78	
02832-0342	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	296.56	
02832-0343	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	431.36	
02832-0344	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	641.68	
02832-0345	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	99.23	
02832-0346	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	118.63	
02832-0347	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	161.76	
02832-0348	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	196.30	
02832-0349	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	81.64	
02832-0350	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	102.05	
02832-0351	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	180.55	
02832-0352	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	259.05	
02832-0353	EA	2" Caliber Platanus x acerifolia & cvs - London Planetree	163.83	
02832-0354	EA	2-1/2" Caliber Platanus x acerifolia & cvs - London Planetree	197.96	
02832-0355	EA	3" Caliber Platanus x acerifolia & cvs - London Planetree	238.91	
02832-0356	EA	3-1/2" Caliber Platanus x acerifolia & cvs - London Planetree	286.70	
02832-0357	EA	4" Caliber Platanus x acerifolia & cvs - London Planetree	341.30	
02832-0358	EA	2" Caliber Populus alba & cvs - White Poplar	163.83	
02832-0359	EA	2-1/2" Caliber Populus alba & cvs - White Poplar	191.13	
02832-0360	EA	3" Caliber Populus alba & cvs - White Poplar	218.43	
02832-0361	EA	3-1/2" Caliber Populus alba & cvs - White Poplar	259.39	
02832-0362	EA	4" Caliber Populus alba & cvs - White Poplar	286.70	
02832-0363	EA	4-1/2" Caliber Populus alba & cvs - White Poplar	327.65	
02832-0364	EA	2" Caliber Populus deltoides & cvs - Eastern Cottonwood	150.17	
02832-0365	EA	2-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood	197.96	
02832-0366	EA	3" Caliber Populus deltoides & cvs - Eastern Cottonwood	238.91	
02832-0367	EA	3-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood	286.70	
02832-0368	EA	4" Caliber Populus deltoides & cvs - Eastern Cottonwood	341.30	
02832-0369	EA	2" Caliber Quercus palustris - Pin Oak	150.17	
02832-0370	EA	2-1/2" Caliber Quercus palustris - Pin Oak	204.78	
02832-0371	EA	3" Caliber Quercus palustris - Pin Oak	266.22	
02832-0372	EA	3-1/2" Caliber Quercus palustris - Pin Oak	307.17	
02832-0373	EA	4" Caliber Quercus palustris - Pin Oak	354.96	
02832-0374	EA	4-1/2" Caliber Quercus palustris - Pin Oak	402.74	
02832-0375	EA	5" Caliber Quercus palustris - Pin Oak	443.70	
02832-0376	EA	2" Caliber Quercus shumardii - Shumard Oak	232.09	
02832-0377	EA	2-1/2" Caliber Quercus shumardii - Shumard Oak	293.52	
02832-0378	EA	3" Caliber Quercus shumardii - Shumard Oak	341.30	
02832-0379	EA	3-1/2" Caliber Quercus shumardii - Shumard Oak	409.57	
02832-0380	EA	4" Caliber Quercus shumardii - Shumard Oak	477.83	
02832-0381	EA	4-1/2" Caliber Quercus shumardii - Shumard Oak	546.09	
02832-0382	EA	5" Caliber Quercus shumardii - Shumard Oak	614.35	
02832-0383	EA	24" Box Salix babylonica - Weeping Willow	172.54	
02832-0384	EA	36" Box Salix babylonica - Weeping Willow	431.36	
02832-0385	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	99.23	
02832-0386	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	118.63	
02832-0387	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	129.41	
02832-0388	EA	2' Thuja occidentalis - American Arborvitae	23.39	
02832-0389	EA	2-1/2' Thuja occidentalis - American Arborvitae	25.28	
02832-0390	EA	3' Thuja occidentalis - American Arborvitae	36.11	
02832-0391	EA	4' Thuja occidentalis - American Arborvitae	49.61	
02832-0392	EA	5' Thuja occidentalis - American Arborvitae	69.08	
02832-0393	EA	6' Thuja occidentalis - American Arborvitae	95.77	
02832-0394	EA	7' Thuja occidentalis - American Arborvitae	116.18	
02832-0395	EA	8' Thuja occidentalis - American Arborvitae	163.28	
02832-0396	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	171.68	
02832-0397	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	207.38	
02832-0398	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	238.91	
02832-0399	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	293.52	
02832-0400	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	334.48	
02832-0401	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	375.43	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0402	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden.....	416.39	
02832-0403	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	191.13	
02832-0404	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	218.43	
02832-0405	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	238.91	
02832-0406	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	259.39	
02832-0407	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	286.70	
02832-0408	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	341.30	
02832-0409	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	402.74	
02832-0410	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm.....	218.43	
02832-0411	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm.....	238.91	
02832-0412	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	259.39	
02832-0413	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm.....	286.70	
02832-0414	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm.....	341.30	
02832-0415	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm.....	402.74	
02832-0416	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm.....	464.17	
02832-0417	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	218.43	
02832-0418	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	238.91	
02832-0419	EA	3" Caliber Ulmus x `Regal' - Regal Hybrid Elm	259.39	
02832-0420	EA	3-1/2" Caliber Ulmus x `Regal' - Regal Hybrid Elm.....	286.70	
02832-0421	EA	4" Caliber Ulmus x `Regal' - Regal Hybrid Elm.....	341.30	
02832-0422	EA	4-1/2" Caliber Ulmus x `Regal' - Regal Hybrid Elm.....	402.74	
02832-0423	EA	5" Caliber Ulmus x `Regal' - Regal Hybrid Elm.....	464.17	
02832-0424	EA	1-1/2" To 2" Caliber Platanus acerifolia "Bloodgold" - London Plane.....	139.98	
02832-0425	EA	2" To 2-1/2" Caliber Platanus acerifolia "Bloodgold" - London Plane.....	249.86	
02832-0426	EA	2-1/2" To 3" Caliber Platanus acerifolia "Bloodgold" - London Plane.....	365.76	
02832-0427	EA	3" To 3-1/2" Caliber Platanus acerifolia "Bloodgold" - London Plane.....	454.57	
02832-0428	EA	3-1/2" To 4" Caliber Platanus acerifolia "Bloodgold" - London Plane.....	588.53	
02832-0429	EA	4" To 5" Caliber Platanus acerifolia "Bloodgold" - London Plane.....	669.81	
02832-0430	EA	24" Box Platanus acerifolia "Bloodgold" - London Plane	176.11	
02832-0431	EA	1-1/2" Caliber Quercus suber - Cork Oak	210.73	
02832-0432	EA	2" Caliber Quercus suber - Cork Oak	292.01	
02832-0433	EA	2-1/2" Caliber Quercus suber - Cork Oak	373.29	
02832-0434	EA	3" Caliber Quercus suber - Cork Oak	466.61	
02832-0435	EA	3-1/2" Caliber Quercus suber - Cork Oak	699.92	
02832-0436	EA	4" Caliber Quercus suber - Cork Oak	903.12	
02832-0437	EA	4-1/2" Caliber Quercus suber - Cork Oak	1,174.06	
02832-0438	EA	1-1/2" Caliber Quercus ilex - Holly Oak.....	233.31	
02832-0439	EA	2" Caliber Quercus ilex - Holly Oak.....	314.59	
02832-0440	EA	2-1/2" Caliber Quercus ilex - Holly Oak	385.33	
02832-0441	EA	3" Caliber Quercus ilex - Holly Oak.....	466.61	
02832-0442	EA	3-1/2" Caliber Quercus ilex - Holly Oak	699.92	
02832-0443	EA	4" Caliber Quercus ilex - Holly Oak.....	903.12	

02832-0444

Evergreen Trees (02832)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

02832-0445	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	14.56	
02832-0446	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	23.40	
02832-0447	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	34.77	
02832-0448	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	46.77	
02832-0449	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	66.41	
02832-0450	EA	5 Gallon Cedrus deodara - Indian Cedar	8.33	
02832-0451	EA	6' To 8' Cedrus deodara - Indian Cedar	60.09	
02832-0452	EA	8' To 10' Cedrus deodara - Indian Cedar	69.57	
02832-0453	EA	10' To 12' Cedrus deodara - Indian Cedar	94.85	
02832-0454	EA	12' To 14' Cedrus deodara - Indian Cedar	123.30	
02832-0455	EA	14' To 16' Cedrus deodara - Indian Cedar	158.10	
02832-0456	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress.....	18.78	
02832-0457	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress.....	28.17	
02832-0458	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress.....	43.83	
02832-0459	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress.....	75.13	
02832-0460	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress.....	10.33	
02832-0461	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress.....	41.33	
02832-0462	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress.....	18.08	
02832-0463	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress.....	23.25	
02832-0464	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress.....	36.17	
02832-0465	EA	24" Box Cupressocyparis leylandii - Leyland Cypress.....	87.83	
02832-0466	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress.....	1.88	
02832-0467	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress.....	8.48	
02832-0468	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress.....	28.26	
02832-0469	EA	5 Gallon Cupressus sempervirens - Italian Cypress.....	9.73	
02832-0470	EA	15 Gallon Cupressus sempervirens - Italian Cypress.....	26.74	
02832-0471	EA	1 Gallon Juniperus - Bar Harbor Juniper	2.86	
02832-0472	EA	2 Gallon Juniperus - Bar Harbor Juniper	5.59	
02832-0473	EA	3 Gallon Juniperus - Bar Harbor Juniper	6.93	
02832-0474	EA	5 Gallon Juniperus - Bar Harbor Juniper	8.14	
02832-0475	EA	1 Gallon Juniperus - Blue Sargent Juniper	2.86	
02832-0476	EA	2 Gallon Juniperus - Blue Sargent Juniper	5.59	
02832-0477	EA	3 Gallon Juniperus - Blue Sargent Juniper	6.93	
02832-0478	EA	5 Gallon Juniperus - Blue Sargent Juniper	8.14	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0479	EA	5 Gallon Juniperus - Compact Pfitzer Juniper.....	8.14	
02832-0480	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	8.81	
02832-0481	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	10.64	
02832-0482	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper.....	15.80	
02832-0483	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	18.30	
02832-0484	EA	5' To 6' Juniperus - Fairview Juniper.....	27.25	
02832-0485	EA	1 Gallon Juniperus - Hollywood Juniper.....	3.65	
02832-0486	EA	5 Gallon Juniperus - Hollywood Juniper.....	10.15	
02832-0487	EA	15 Gallon Juniperus - Hollywood Juniper.....	43.03	
02832-0488	EA	4' To 5' Juniperus - Hollywood Juniper	28.45	
02832-0489	EA	5' To 6' Juniperus - Hollywood Juniper	36.65	
02832-0490	EA	1 Gallon Juniperus - Parson's Juniper	2.86	
02832-0491	EA	2 Gallon Juniperus - Parson's Juniper	5.65	
02832-0492	EA	3 Gallon Juniperus - Parson's Juniper	6.99	
02832-0493	EA	5 Gallon Juniperus - Parson's Juniper	8.27	
02832-0494	EA	5 Gallon Juniperus - Skyrocket Juniper	10.21	
02832-0495	EA	15 Gallon Juniperus - Skyrocket Juniper	43.46	
02832-0496	EA	2' To 3' Juniperus - Skyrocket Juniper	15.32	
02832-0497	EA	3' To 4' Juniperus - Skyrocket Juniper	21.70	
02832-0498	EA	4' To 5' Juniperus - Skyrocket Juniper	28.75	
02832-0499	EA	5' To 6' Juniperus - Skyrocket Juniper	37.08	
02832-0500	EA	6' To 8' Juniperus - Skyrocket Juniper	47.90	
02832-0501	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	2.86	
02832-0502	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	5.62	
02832-0503	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	6.90	
02832-0504	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	8.18	
02832-0505	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	2.86	
02832-0506	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	5.62	
02832-0507	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	6.90	
02832-0508	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	8.18	
02832-0509	EA	3' Pinus sylvestris - Scotch Pine	26.55	
02832-0510	EA	4' Pinus sylvestris - Scotch Pine	36.86	
02832-0511	EA	5' Pinus sylvestris - Scotch Pine	51.73	
02832-0512	EA	6' Pinus sylvestris - Scotch Pine	71.77	
02832-0513	EA	7' Pinus sylvestris - Scotch Pine	87.94	
02832-0514	EA	8' Pinus sylvestris - Scotch Pine	124.15	
02832-0515	EA	9' Pinus sylvestris - Scotch Pine	157.61	
02832-0516	EA	10' Pinus sylvestris - Scotch Pine	181.86	
02832-0517	EA	12' Pinus sylvestris - Scotch Pine	214.19	
02832-0518	EA	14' Pinus sylvestris - Scotch Pine	242.48	
02832-0519	EA	16' Pinus sylvestris - Scotch Pine	282.89	
02832-0520	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	2.86	
02832-0521	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	10.15	
02832-0522	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	32.88	
02832-0523	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	13.92	
02832-0524	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	17.69	
02832-0525	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	26.56	
02832-0526	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	51.85	
02832-0527	EA	6' To 7' Pinus Thunbergiana - Japanese Black Pine.....	58.17	
02832-0528	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	72.70	
02832-0529	EA	6' Pinus flexilis & cvs - Limber Pine	101.03	
02832-0530	EA	7' Pinus flexilis & cvs - Limber Pine	117.20	
02832-0531	EA	8' Pinus flexilis & cvs - Limber Pine	145.49	
02832-0532	EA	9' Pinus flexilis & cvs - Limber Pine	177.82	
02832-0533	EA	10' Pinus flexilis & cvs - Limber Pine	202.07	
02832-0534	EA	1 Gallon Pinus mugo - Mugho Pine	3.77	
02832-0535	EA	2 Gallon Pinus mugo - Mugho Pine	7.96	
02832-0536	EA	3 Gallon Pinus mugo - Mugho Pine	9.97	
02832-0537	EA	5 Gallon Pinus mugo - Mugho Pine	12.64	
02832-0538	EA	12" To 15" Spread Pinus mugo - Mugho Pine.....	9.79	
02832-0539	EA	15" To 18" Spread Pinus mugo - Mugho Pine.....	11.67	
02832-0540	EA	18" To 24" Spread Pinus mugo - Mugho Pine.....	15.80	
02832-0541	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine.....	22.13	
02832-0542	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine.....	28.45	
02832-0543	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine.....	35.44	
02832-0544	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine.....	43.03	
02832-0545	EA	6' Pinus nigra - Austrian Pine.....	101.03	
02832-0546	EA	7' Pinus nigra - Austrian Pine.....	121.24	
02832-0547	EA	8' Pinus nigra - Austrian Pine.....	157.61	
02832-0548	EA	9' Pinus nigra - Austrian Pine.....	181.86	
02832-0549	EA	10' Pinus nigra - Austrian Pine.....	214.19	
02832-0550	EA	12' Pinus nigra - Austrian Pine.....	242.48	
02832-0551	EA	14' Pinus nigra - Austrian Pine.....	270.77	
02832-0552	EA	16' Pinus nigra - Austrian Pine.....	307.14	
02832-0553	EA	1 Gallon Podocarpus - Chinese Podocarpus	1.88	
02832-0554	EA	3 Gallon Podocarpus - Chinese Podocarpus	4.38	
02832-0555	EA	7 Gallon Podocarpus - Chinese Podocarpus	12.64	
02832-0556	EA	15 Gallon Podocarpus - Chinese Podocarpus	20.54	
02832-0557	EA	4' To 5' Podocarpus - Chinese Podocarpus	31.61	
02832-0558	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	39.51	
02832-0559	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	53.34	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0560	EA	8' To 10 Sequoia sempervirens - Dawn Redwood.....	65.19	
02832-0561	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae.....	7.62	
02832-0562	EA	3' To 4' Thuja occidentalis 'Woodwardii' - Woodward Arborvitae.....	12.45	
02832-0563	EA	4' Metrosideros excelsus - New Zealand Christmas Tree.....	57.63	
02832-0564	EA	5' Metrosideros excelsus - New Zealand Christmas Tree.....	78.08	
02832-0565	EA	6' Metrosideros excelsus - New Zealand Christmas Tree.....	132.92	
02832-0566	EA	8' Metrosideros excelsus - New Zealand Christmas Tree.....	164.52	
02832-0567	EA	24" Box Metrosideros excelsus - New Zealand Christmas Tree.....	145.00	
02832-0568	EA	6' Cedrus decurrens - Incese Cedar.....	67.85	
02832-0569	EA	8' Cedrus decurrens - Incese Cedar.....	140.35	
02832-0570	EA	10' Cedrus decurrens - Incese Cedar.....	185.90	
02832-0571	EA	12' Cedrus decurrens - Incese Cedar.....	246.32	
02832-0572	EA	6' Pinus canariensis - Canary Island Pine.....	223.08	
02832-0573	EA	8' Pinus canariensis - Canary Island Pine.....	297.44	
02832-0574	EA	10' Pinus canariensis - Canary Island Pine.....	371.80	
02832-0575	EA	12' Pinus canariensis - Canary Island Pine.....	446.16	
02832-0576	EA	24" Box Pinus canariensis - Canary Island Pine.....	132.92	
02832-0577	EA	6' Pinus pinea - Italian Stone Pine.....	223.08	
02832-0578	EA	8' Pinus pinea - Italian Stone Pine.....	297.44	
02832-0579	EA	10' Pinus pinea - Italian Stone Pine.....	371.80	
02832-0580	EA	12' Pinus pinea - Italian Stone Pine.....	446.16	
02832-0581	EA	6' Podocarpus gracilior - African Fern Pine.....	232.38	
02832-0582	EA	8' Podocarpus gracilior - African Fern Pine.....	306.74	
02832-0583	EA	10' Podocarpus gracilior - African Fern Pine.....	390.39	
02832-0584	EA	12' Podocarpus gracilior - African Fern Pine.....	464.75	
02832-0585	EA	24" Box Podocarpus gracilior - African Fern Pine.....	108.75	
02832-0586	EA	6' Melaleuca linarifolia - Flaxleaf Paperbark.....	195.20	
02832-0587	EA	8' Melaleuca linarifolia - Flaxleaf Paperbark.....	260.26	
02832-0588	EA	10' Melaleuca linarifolia - Flaxleaf Paperbark.....	325.32	
02832-0589	EA	12' Melaleuca linarifolia - Flaxleaf Paperbark.....	390.39	
02832-0590	EA	24" Box Melaleuca linarifolia - Flaxleaf Paperbark.....	114.79	
02832-0591	EA	6' Melaleuca quinquenervia - Cajeput Tree.....	195.20	
02832-0592	EA	8' Melaleuca quinquenervia - Cajeput Tree.....	260.26	
02832-0593	EA	10' Melaleuca quinquenervia - Cajeput Tree.....	325.32	
02832-0594	EA	12' Melaleuca quinquenervia - Cajeput Tree.....	390.39	
02832-0595	EA	24" Box Melaleuca quinquenervia - Cajeput Tree.....	108.75	
02832-0596	EA	30" Box Melaleuca quinquenervia - Cajeput Tree.....	274.20	
02832-0597	EA	36" Box Melaleuca quinquenervia - Cajeput Tree.....	432.22	
02832-0598	EA	6' Pittosporum undulatum - Victorian Box.....	122.69	
02832-0599	EA	8' Pittosporum undulatum - Victorian Box.....	194.27	
02832-0600	EA	10' Pittosporum undulatum - Victorian Box.....	255.61	
02832-0601	EA	1 Gallon Podocarpus macrophyllus - Yew Pine.....	4.32	
02832-0602	EA	3 Gallon Podocarpus macrophyllus - Yew Pine.....	10.13	
02832-0603	EA	5 Gallon Podocarpus macrophyllus - Yew Pine.....	13.29	
02832-0604	EA	15 Gallon Podocarpus macrophyllus - Yew Pine.....	57.63	
02832-0605	EA	24" Box Podocarpus macrophyllus - Yew Pine.....	111.54	
02832-0606	EA	24" Box Rhus lancea - African Sumac.....	114.79	
02832-0607	EA	30" Box Rhus lancea - African Sumac.....	185.90	
02832-0608	EA	8' Rhus lancea - African Sumac.....	278.85	
02832-0609	EA	10' Rhus lancea - African Sumac.....	311.38	
02832-0610	EA	12' Rhus lancea - African Sumac.....	371.80	

02832-0611 Palm And Subtropical Trees (02832)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

02832-0612	EA	9' Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	98.44	
02832-0613	EA	11' Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	164.06	
02832-0614	EA	15' Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	249.38	
02832-0615	EA	17' Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	282.19	
02832-0616	EA	20' Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	328.12	
02832-0617	EA	4' To 5' Bauninia blakeana - Hong Kong Orchid.....	282.19	
02832-0618	EA	6' Bauninia blakeana - Hong Kong Orchid.....	334.69	
02832-0619	EA	8' Bauninia blakeana - Hong Kong Orchid.....	446.25	
02832-0620	EA	10' Bauninia blakeana - Hong Kong Orchid.....	557.81	
02832-0621	EA	4' To 5' Acacia baileyana - Bailey Acacia.....	262.50	
02832-0622	EA	6' Acacia baileyana - Bailey Acacia.....	315.00	
02832-0623	EA	8' Acacia baileyana - Bailey Acacia.....	367.50	
02832-0624	EA	10' Acacia baileyana - Bailey Acacia.....	459.38	
02832-0625	EA	6' Agonis flexuosa - Peppermint.....	157.50	
02832-0626	EA	8' Agonis flexuosa - Peppermint.....	196.88	
02832-0627	EA	10' Agonis flexuosa - Peppermint.....	236.25	
02832-0628	EA	24" Box Agonis flexuosa - Peppermint.....	196.22	
02832-0629	EA	6' Bauhinia purpurea - Purple Orchid Tree.....	354.38	
02832-0630	EA	8' Bauhinia purpurea - Purple Orchid Tree.....	472.50	
02832-0631	EA	10' Bauhinia purpurea - Purple Orchid Tree.....	590.62	
02832-0632	EA	24" Box Bauhinia purpurea - Purple Orchid Tree.....	153.56	
02832-0633	EA	6' Bauhinia variegata candida - White Orchid Tree.....	393.75	
02832-0634	EA	8' Bauhinia variegata candida - White Orchid Tree.....	525.00	
02832-0635	EA	10' Bauhinia variegata candida - White Orchid Tree.....	656.25	
02832-0636	EA	6' Callistemon citrinus - Lemon Bottle Brush.....	354.38	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0637	EA	8' Callistemon citrinus - Lemon Bottle Brush.....	472.50	
02832-0638	EA	10' Callistemon citrinus - Lemon Bottle Brush.....	590.62	
02832-0639	EA	6' Eriobotrya deflexa - Bronze Loquat.....	354.38	
02832-0640	EA	8' Eriobotrya deflexa - Bronze Loquat.....	472.50	
02832-0641	EA	10' Eriobotrya deflexa - Bronze Loquat.....	590.62	
02832-0642	EA	6' Eucalyptus erythrocorys - Red Cap Gum.....	354.38	
02832-0643	EA	8' Eucalyptus erythrocorys - Red Cap Gum.....	472.50	
02832-0644	EA	10' Eucalyptus erythrocorys - Red Cap Gum.....	590.62	
02832-0645	EA	6' Eucalyptus torquata - Coral Gum.....	354.38	
02832-0646	EA	8' Eucalyptus torquata - Coral Gum.....	472.50	
02832-0647	EA	10' Eucalyptus torquata - Coral Gum.....	590.62	
02832-0648	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash.....	367.50	
02832-0649	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash.....	498.75	
02832-0650	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash.....	616.88	
02832-0651	EA	6' Washingtonia robusta - Mexican Fan Palm.....	354.38	
02832-0652	EA	8' Washingtonia robusta - Mexican Fan Palm.....	472.50	
02832-0653	EA	10' Washingtonia robusta - Mexican Fan Palm.....	590.62	
02832-0654	EA	12' Washingtonia robusta - Mexican Fan Palm.....	708.75	
02832-0655	EA	6' Olea europaea - Olive "Fruitless".....	354.38	
02832-0656	EA	8' Olea europaea - Olive "Fruitless".....	472.50	
02832-0657	EA	10' Olea europaea - Olive "Fruitless".....	590.62	
02832-0658	EA	12' Olea europaea - Olive "Fruitless".....	708.75	
02832-0659	EA	24" Box Olea europaea - Olive "Fruitless".....	435.75	
02832-0660	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum.....	354.38	
02832-0661	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum.....	472.50	
02832-0662	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum.....	590.62	
02832-0663	EA	6' Eucalyptus leucocoxylon - White Ironbark.....	354.38	
02832-0664	EA	8' Eucalyptus leucocoxylon - White Ironbark.....	472.50	
02832-0665	EA	10' Eucalyptus leucocoxylon - White Ironbark.....	590.62	
02832-0666	EA	12' Eucalyptus leucocoxylon - White Ironbark.....	708.75	
02832-0667	EA	6' Callistemon viminalis - Bottle Brush.....	354.38	
02832-0668	EA	8' Callistemon viminalis - Bottle Brush.....	472.50	
02832-0669	EA	10' Callistemon viminalis - Bottle Brush.....	590.62	
02832-0670	EA	12' Callistemon viminalis - Bottle Brush.....	708.75	
02832-0671	EA	6' Eucalyptus gunnii - Cider Gum.....	354.38	
02832-0672	EA	8' Eucalyptus gunnii - Cider Gum.....	472.50	
02832-0673	EA	10' Eucalyptus gunnii - Cider Gum.....	590.62	
02832-0674	EA	6' Jacarandra acutifolia - Jacaranda.....	354.38	
02832-0675	EA	8' Jacarandra acutifolia - Jacaranda.....	472.50	
02832-0676	EA	10' Jacarandra acutifolia - Jacaranda.....	590.62	
02832-0677	EA	24" Box Jacarandra acutifolia - Jacaranda.....	153.56	
02832-0678	EA	5 Gallon Pistacia chinensis - Chinese Pistache.....	23.62	
02832-0679	EA	15 Gallon Pistacia chinensis - Chinese Pistache.....	78.75	
02832-0680	EA	24" Box Pistacia chinensis - Chinese Pistache.....	305.81	
02832-0681	EA	36" Box Pistacia chinensis - Chinese Pistache.....	813.75	
02832-0682	EA	48" Box Pistacia chinensis - Chinese Pistache.....	1,732.50	
02832-0683	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single.....	24.41	
02832-0684	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single.....	81.38	
02832-0685	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single.....	305.81	
02832-0686	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single.....	559.12	
02832-0687	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single.....	813.75	
02832-0688	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi.....	24.41	
02832-0689	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi.....	86.62	
02832-0690	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi.....	315.00	
02832-0691	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi.....	559.12	
02832-0692	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi.....	813.75	
02832-0693 Shrubs (02832)				
02832-0694	EA	1 Gallon Abelia x grandiflora - Abelia.....	3.30	
02832-0695	EA	3 Gallon Abelia x grandiflora - Abelia.....	6.72	
02832-0696	EA	5 Gallon Abelia x grandiflora - Abelia.....	12.90	
02832-0697	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	85.85	
02832-0698	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	125.47	
02832-0699	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	139.99	
02832-0700	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	176.97	
02832-0701	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	196.78	
02832-0702	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye.....	39.62	
02832-0703	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye.....	52.83	
02832-0704	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye.....	66.03	
02832-0705	EA	36" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	52.83	
02832-0706	EA	48" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	66.03	
02832-0707	EA	60" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	81.88	
02832-0708	EA	60" B&B Amelanchier arborea & cvs - Downy Serviceberry.....	66.03	
02832-0709	EA	72" B&B Amelanchier arborea & cvs - Downy Serviceberry.....	79.24	
02832-0710	EA	7" B&B Amelanchier arborea & cvs - Downy Serviceberry.....	92.45	
02832-0711	EA	8" B&B Amelanchier arborea & cvs - Downy Serviceberry.....	105.66	
02832-0712	EA	5" B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	118.86	
02832-0713	EA	6" B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	132.07	
02832-0714	EA	7" B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	151.88	
02832-0715	EA	8" B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	171.69	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0716	EA	9' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	198.10	
02832-0717	EA	7' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	151.88	
02832-0718	EA	8' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	178.29	
02832-0719	EA	9' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	204.71	
02832-0720	EA	10' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	224.52	
02832-0721	EA	30" B&B Amelanchier stolonifera & cvs - Running Serviceberry	52.83	
02832-0722	EA	48" B&B Amelanchier stolonifera & cvs - Running Serviceberry	112.26	
02832-0723	EA	60" B&B Amelanchier stolonifera & cvs - Running Serviceberry	145.28	
02832-0724	EA	2' To 4' Amelemchier - Juneberry	16.08	
02832-0725	EA	4' To 5' Amelemchier - Juneberry	16.87	
02832-0726	EA	5' To 6' Amelemchier - Juneberry	20.08	
02832-0727	EA	6' To 8' Amelemchier - Juneberry	23.96	
02832-0728	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry	22.45	
02832-0729	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry	26.41	
02832-0730	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry	31.70	
02832-0731	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry	36.98	
02832-0732	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry	44.90	
02832-0733	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry	21.79	
02832-0734	EA	42" B&B Aronia melanocarpa & cvs - Black Chokeberry	23.11	
02832-0735	EA	48" B&B Aronia melanocarpa & cvs - Black Chokeberry	24.43	
02832-0736	EA	60" B&B Aronia melanocarpa & cvs - Black Chokeberry	27.73	
02832-0737	EA	36" B&B Aronia prunifolia - Purple-Fruited Chokeberry	22.12	
02832-0738	EA	42" B&B Aronia prunifolia - Purple-Fruited Chokeberry	23.44	
02832-0739	EA	48" B&B Aronia prunifolia - Purple-Fruited Chokeberry	24.76	
02832-0740	EA	60" B&B Aronia prunifolia - Purple-Fruited Chokeberry	26.08	
02832-0741	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	4.54	
02832-0742	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	10.50	
02832-0743	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	5.32	
02832-0744	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	11.71	
02832-0745	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	15.82	
02832-0746	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	5.68	
02832-0747	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	8.30	
02832-0748	EA	15' To 18' Berberis - Northern Bayberry	23.69	
02832-0749	EA	2' To 2-1/2' Berberis - Northern Bayberry	30.08	
02832-0750	EA	2-1/2' To 3' Berberis - Northern Bayberry	42.14	
02832-0751	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	25.33	
02832-0752	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	32.42	
02832-0753	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	41.43	
02832-0754	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	6.81	
02832-0755	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.41	
02832-0756	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	16.39	
02832-0757	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	6.46	
02832-0758	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	18.23	
02832-0759	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	25.33	
02832-0760	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	39.09	
02832-0761	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	7.38	
02832-0762	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	19.79	
02832-0763	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	21.07	
02832-0764	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	27.10	
02832-0765	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	36.11	
02832-0766	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	54.20	
02832-0767	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	75.27	
02832-0768	EA	12" To 15" Buxus sempervirens - Common Boxwood	21.07	
02832-0769	EA	15" To 18" Buxus sempervirens - Common Boxwood	27.10	
02832-0770	EA	18" To 24" Buxus sempervirens - Common Boxwood	36.11	
02832-0771	EA	24" To 30" Buxus sempervirens - Common Boxwood	54.20	
02832-0772	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	13.87	
02832-0773	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	23.11	
02832-0774	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	60.75	
02832-0775	EA	18" B&B Buxus microphylla & cvs - Little leaf Boxwood	33.02	
02832-0776	EA	24" B&B Buxus microphylla & cvs - Little leaf Boxwood	44.90	
02832-0777	EA	30" B&B Buxus microphylla & cvs - Little leaf Boxwood	60.75	
02832-0778	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	21.79	
02832-0779	EA	30" B&B Calycanthus floridus - Common Sweetshrub	19.81	
02832-0780	EA	36" B&B Calycanthus floridus - Common Sweetshrub	26.41	
02832-0781	EA	1 Gallon Camellia "Sasanqua" - Camellia	5.32	
02832-0782	EA	3 Gallon Camellia "Sasanqua" - Camellia	11.35	
02832-0783	EA	5 Gallon Camellia "Sasanqua" - Camellia	18.87	
02832-0784	EA	7 Gallon Camellia "Sasanqua" - Camellia	28.10	
02832-0785	EA	15 Gallon Camellia "Sasanqua" - Camellia	72.90	
02832-0786	EA	1 Gallon Camellia japonica - Camellia	5.32	
02832-0787	EA	3 Gallon Camellia japonica - Camellia	11.35	
02832-0788	EA	5 Gallon Camellia japonica - Camellia	18.87	
02832-0789	EA	5 Gallon Ceanothus americanus - New Jersey Tea	21.79	
02832-0790	EA	5 Gallon Celastrus scandens - Bittersweet	21.79	
02832-0791	EA	36" B&B Celastrus scandens - Bittersweet	18.49	
02832-0792	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	21.79	
02832-0793	EA	24" B&B Cephalanthus occidentalis - Buttonbush	16.51	
02832-0794	EA	30" B&B Cephalanthus occidentalis - Buttonbush	18.49	
02832-0795	EA	36" B&B Cephalanthus occidentalis - Buttonbush	19.81	
02832-0796	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	19.01	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0797	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	25.33	
02832-0798	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	39.09	
02832-0799	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra.....	21.13	
02832-0800	EA	18" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	22.78	
02832-0801	EA	24" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	25.42	
02832-0802	EA	30" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	26.74	
02832-0803	EA	36" B&B Clethra alnifolia & cvs - Summersweet Clethra.....	31.37	
02832-0804	EA	2' To 3' Cornus mas - Cornelian Cherry	30.08	
02832-0805	EA	3' To 4' Cornus mas - Cornelian Cherry	37.60	
02832-0806	EA	4' To 5' Cornus mas - Cornelian Cherry	48.17	
02832-0807	EA	5' To 6' Cornus mas - Cornelian Cherry	66.19	
02832-0808	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood.....	19.81	
02832-0809	EA	36" B&B Cornus alba & cvs - Tartarian Dogwood.....	13.87	
02832-0810	EA	48" B&B Cornus alba & cvs - Tartarian Dogwood.....	15.85	
02832-0811	EA	60" B&B Cornus alba & cvs - Tartarian Dogwood.....	19.81	
02832-0812	EA	72" B&B Cornus alba & cvs - Tartarian Dogwood.....	23.77	
02832-0813	EA	36" B&B Cornus amomum - Silky Dogwood	19.81	
02832-0814	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood.....	21.79	
02832-0815	EA	5 Gallon Cornus racemosa - Gray Dogwood	21.79	
02832-0816	EA	36" B&B Cornus racemosa - Gray Dogwood	19.81	
02832-0817	EA	48" B&B Cornus racemosa - Gray Dogwood	23.11	
02832-0818	EA	60" B&B Cornus racemosa - Gray Dogwood	25.09	
02832-0819	EA	72" B&B Cornus racemosa - Gray Dogwood	30.38	
02832-0820	EA	36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	21.46	
02832-0821	EA	48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	24.10	
02832-0822	EA	60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	27.40	
02832-0823	EA	24" B&B Cornus sericea & cvs - Redosier Dogwood.....	17.17	
02832-0824	EA	30" B&B Cornus sericea & cvs - Redosier Dogwood.....	19.81	
02832-0825	EA	36" B&B Cornus sericea & cvs - Redosier Dogwood.....	21.13	
02832-0826	EA	48" B&B Cornus sericea & cvs - Redosier Dogwood.....	23.11	
02832-0827	EA	60" B&B Cornus sericea & cvs - Redosier Dogwood.....	25.75	
02832-0828	EA	5 Gallon Corylus americana - American Filbert	20.47	
02832-0829	EA	30" B&B Corylus americana - American Filbert	23.11	
02832-0830	EA	36" B&B Corylus americana - American Filbert	24.76	
02832-0831	EA	48" B&B Corylus americana - American Filbert	26.74	
02832-0832	EA	24" B&B Corylus avellana - Contorted Hazelnut.....	66.03	
02832-0833	EA	30" B&B Corylus avellana - Contorted Hazelnut.....	85.85	
02832-0834	EA	36" B&B Corylus avellana - Contorted Hazelnut.....	92.45	
02832-0835	EA	42" B&B Corylus avellana - Contorted Hazelnut.....	118.86	
02832-0836	EA	48" B&B Corylus avellana - Contorted Hazelnut.....	145.28	
02832-0837	EA	60" B&B Corylus avellana - Contorted Hazelnut.....	165.09	
02832-0838	EA	5' To 6' Cotinus coggygria - Smoke Tree	63.21	
02832-0839	EA	6' To 8' Cotinus coggygria - Smoke Tree	94.78	
02832-0840	EA	8' To 10' Cotinus coggygria - Smoke Tree	142.94	
02832-0841	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	16.51	
02832-0842	EA	18" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	16.51	
02832-0843	EA	24" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	17.17	
02832-0844	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster.....	15.82	
02832-0845	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	17.17	
02832-0846	EA	18" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	16.51	
02832-0847	EA	24" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	17.17	
02832-0848	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster.....	6.81	
02832-0849	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster.....	21.07	
02832-0850	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster.....	28.45	
02832-0851	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster.....	48.17	
02832-0852	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster.....	6.81	
02832-0853	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster.....	13.41	
02832-0854	EA	18" B&B Deutzia gracilis - Slender Deutzia.....	16.84	
02832-0855	EA	24" B&B Deutzia gracilis - Slender Deutzia.....	18.49	
02832-0856	EA	30" B&B Deutzia gracilis - Slender Deutzia.....	23.77	
02832-0857	EA	36" B&B Deutzia gracilis - Slender Deutzia.....	27.73	
02832-0858	EA	42" B&B Deutzia gracilis - Slender Deutzia.....	31.70	
02832-0859	EA	24" B&B Diervilla sessilifolia - Southern Bush Honeysuckle.....	26.41	
02832-0860	EA	30" B&B Diervilla sessilifolia - Southern Bush Honeysuckle.....	31.70	
02832-0861	EA	36" B&B Diervilla sessilifolia - Southern Bush Honeysuckle.....	36.98	
02832-0862	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle.....	9.91	
02832-0863	EA	36" B&B Diervilla splendens - Splendens Bush Honeysuckle.....	23.77	
02832-0864	EA	48" B&B Diervilla splendens - Splendens Bush Honeysuckle.....	31.70	
02832-0865	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	19.72	
02832-0866	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	27.10	
02832-0867	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	32.42	
02832-0868	EA	3' To 4' Elaeagnus angustifolia - Russian Olive	31.57	
02832-0869	EA	1 Gallon Euonymus - Gold Spot.....	5.68	
02832-0870	EA	2 Gallon Euonymus - Gold Spot.....	11.92	
02832-0871	EA	5 Gallon Euonymus - Gold Spot.....	16.39	
02832-0872	EA	1 Gallon Euonymus alatus - Winged Euonymus.....	4.84	
02832-0873	EA	3 Gallon Euonymus alatus - Winged Euonymus.....	13.97	
02832-0874	EA	24" B&B Euonymus alatus - Winged Euonymus.....	18.83	
02832-0875	EA	30" B&B Euonymus alatus - Winged Euonymus.....	23.54	
02832-0876	EA	36" B&B Euonymus alatus - Winged Euonymus.....	32.35	
02832-0877	EA	42" B&B Euonymus alatus - Winged Euonymus.....	39.94	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0878	EA 48" B&B Euonymus alatus - Winged Euonymus.....		47.08	
02832-0879	EA 54" B&B Euonymus alatus - Winged Euonymus.....		60.75	
02832-0880	EA 5 Gallon Euonymus alatus - Winged Euonymus.....		17.47	
02832-0881	EA 60" B&B Euonymus alatus - Winged Euonymus.....		75.94	
02832-0882	EA 30" B&B Euonymus alatus compactus - Compact Winged Euonymus.....		29.72	
02832-0883	EA 36" B&B Euonymus alatus compactus - Compact Winged Euonymus.....		35.33	
02832-0884	EA 42" B&B Euonymus alatus compactus - Compact Winged Euonymus.....		46.22	
02832-0885	EA 48" B&B Euonymus alatus compactus - Compact Winged Euonymus.....		55.47	
02832-0886	EA 60" B&B Euonymus alatus compactus - Compact Winged Euonymus.....		68.68	
02832-0887	EA 36" B&B Euonymus atropurpurea - Eastern Wahoo.....		17.83	
02832-0888	EA 1 Gallon Euonymus fortunei - Wintercreeper.....		6.81	
02832-0889	EA 2 Gallon Euonymus fortunei - Wintercreeper.....		13.41	
02832-0890	EA 3 Gallon Euonymus fortunei - Wintercreeper.....		16.39	
02832-0891	EA 5 Gallon Euonymus fortunei - Wintercreeper.....		19.44	
02832-0892	EA 2' To 3' Forsythia - Korean Forsythia.....		15.04	
02832-0893	EA 3' To 4' Forsythia - Korean Forsythia.....		19.01	
02832-0894	EA 4' To 5' Forsythia - Korean Forsythia.....		23.69	
02832-0895	EA 30" B&B Forsythia cvs - Forsythia cultivars.....		15.19	
02832-0896	EA 36" B&B Forsythia cvs - Forsythia cultivars.....		16.84	
02832-0897	EA 48" B&B Forsythia cvs - Forsythia cultivars.....		18.16	
02832-0898	EA 18" B&B Forsythia viridissima & cvs - Green Forsythia.....		15.85	
02832-0899	EA 24" B&B Forsythia viridissima & cvs - Green Forsythia.....		21.13	
02832-0900	EA 24" B&B Forsythia x intermedia & cvs - Border Forsythia.....		15.85	
02832-0901	EA 30" B&B Forsythia x intermedia & cvs - Border Forsythia.....		18.49	
02832-0902	EA 36" B&B Forsythia x intermedia & cvs - Border Forsythia.....		21.79	
02832-0903	EA 42" B&B Forsythia x intermedia & cvs - Border Forsythia.....		25.09	
02832-0904	EA 48" B&B Forsythia x intermedia & cvs - Border Forsythia.....		29.06	
02832-0905	EA 2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....		22.45	
02832-0906	EA 3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....		31.37	
02832-0907	EA 5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....		33.02	
02832-0908	EA 15" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....		34.34	
02832-0909	EA 18" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....		36.98	
02832-0910	EA 24" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla.....		44.90	
02832-0911	EA 24" B&B Fothergilla major - Large Fothergilla.....		58.11	
02832-0912	EA 30" B&B Fothergilla major - Large Fothergilla.....		66.03	
02832-0913	EA 1 Gallon Gardenia jasminoides - Cape Jasmine.....		4.90	
02832-0914	EA 3 Gallon Gardenia jasminoides - Cape Jasmine.....		12.84	
02832-0915	EA 5 Gallon Gardenia jasminoides - Cape Jasmine.....		16.39	
02832-0916	EA 36" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....		46.22	
02832-0917	EA 48" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....		75.28	
02832-0918	EA 60" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....		95.09	
02832-0919	EA 72" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....		145.28	
02832-0920	EA 84" B&B Hamamelis vernalis & cvs - Vernal Witchhazel.....		165.09	
02832-0921	EA 1 Gallon Hedychium gartdnerum - Variegated Ginger.....		2.81	
02832-0922	EA 3 Gallon Hedychium gartdnerum - Variegated Ginger.....		9.87	
02832-0923	EA 5 Gallon Hedychium gartdnerum - Variegated Ginger.....		18.98	
02832-0924	EA 1 Gallon Hibiscus rosa-sinensis - Hibiscus.....		7.20	
02832-0925	EA 3 Gallon Hibiscus rosa-sinensis - Hibiscus.....		12.15	
02832-0926	EA 5 Gallon Hibiscus rosa-sinensis - Hibiscus.....		18.38	
02832-0927	EA 5 Gallon Hibiscus syriacus - Rose Of Sharon.....		19.01	
02832-0928	EA 2' To 3' Hibiscus syriacus - Rose Of Sharon.....		16.17	
02832-0929	EA 3' To 4' Hibiscus syriacus - Rose Of Sharon.....		21.85	
02832-0930	EA 4' To 5' Hibiscus syriacus - Rose Of Sharon.....		31.57	
02832-0931	EA 5' To 6' Hibiscus syriacus - Rose Of Sharon.....		43.63	
02832-0932	EA 2 Gallon Hydrangea - Blue Hydrangea.....		13.41	
02832-0933	EA 5 Gallon Hydrangea - Blue Hydrangea.....		18.87	
02832-0934	EA 2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....		21.07	
02832-0935	EA 3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....		24.05	
02832-0936	EA 2 Gallon Hydrangea quercifolia - Oakleaf Hydrangea.....		13.41	
02832-0937	EA 5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea.....		23.11	
02832-0938	EA 30" B&B Hydrangea arborescens & cvs - Smooth Hydrangea.....		25.09	
02832-0939	EA 36" B&B Hydrangea arborescens & cvs - Smooth Hydrangea.....		29.06	
02832-0940	EA 4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....		30.38	
02832-0941	EA 18" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....		23.77	
02832-0942	EA 24" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea.....		31.70	
02832-0943	EA 3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....		13.87	
02832-0944	EA 5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea.....		16.51	
02832-0945	EA 18" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....		14.20	
02832-0946	EA 24" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....		15.19	
02832-0947	EA 30" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....		17.17	
02832-0948	EA 36" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....		19.81	
02832-0949	EA 48" B&B Hydrangea paniculata & cvs - Panicle Hydrangea.....		26.41	
02832-0950	EA 18" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....		19.15	
02832-0951	EA 24" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....		21.79	
02832-0952	EA 30" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea.....		25.75	
02832-0953	EA 2 Gallon Hypericum kalmianum - St. John's Wort.....		13.41	
02832-0954	EA 3 Gallon Hypericum kalmianum - Kalm St. John's Wort.....		15.85	
02832-0955	EA 24" B&B Hypericum kalmianum - Kalm St. John's Wort.....		17.17	
02832-0956	EA 1 Gallon Ilex "Carissa" - Holly.....		6.81	
02832-0957	EA 2 Gallon Ilex "Carissa" - Holly.....		13.41	
02832-0958	EA 5 Gallon Ilex "Carissa" - Holly.....		18.87	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-0959	EA	18" To 24" Ilex - Gulfside Sweet Holly	18.09	
02832-0960	EA	2' To 2-1/2' Ilex - Gulfside Sweet Holly	22.91	
02832-0961	EA	2-1/2' To 3' Ilex - Gulfside Sweet Holly	29.72	
02832-0962	EA	3' To 3-1/2' Ilex - Gulfside Sweet Holly	36.11	
02832-0963	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly.....	13.51	
02832-0964	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	6.81	
02832-0965	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.41	
02832-0966	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	19.44	
02832-0967	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	6.81	
02832-0968	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	14.90	
02832-0969	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	19.44	
02832-0970	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	14.90	
02832-0971	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	17.95	
02832-0972	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	36.11	
02832-0973	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	48.17	
02832-0974	EA	2' To 3' Ilex opaca - American Holly	48.17	
02832-0975	EA	3' To 4' Ilex opaca - American Holly	79.74	
02832-0976	EA	4' To 5' Ilex opaca - American Holly	102.30	
02832-0977	EA	5' To 6' Ilex opaca - American Holly	123.36	
02832-0978	EA	6' To 7' Ilex opaca - American Holly	173.02	
02832-0979	EA	7' To 8' Ilex opaca - American Holly	240.77	
02832-0980	EA	8' To 10' Ilex opaca - American Holly	346.04	
02832-0981	EA	10' To 12' Ilex opaca - American Holly	526.66	
02832-0982	EA	12' To 14' Ilex opaca - American Holly	639.45	
02832-0983	EA	14' To 16' Ilex opaca - American Holly	789.91	
02832-0984	EA	2' To 3' Ilex verticillata - Winterberry (Female).....	48.17	
02832-0985	EA	3' To 4' Ilex verticillata - Winterberry (Female).....	63.21	
02832-0986	EA	2' To 3' Ilex verticillata - Winterberry (Male).....	39.09	
02832-0987	EA	3' To 4' Ilex verticillata - Winterberry (Male).....	54.20	
02832-0988	EA	4' To 5' Ilex verticillata - Winterberry (Male).....	63.21	
02832-0989	EA	1 Gallon Ilex vomitoria - Yaupon Holly	6.38	
02832-0990	EA	3 Gallon Ilex vomitoria - Yaupon Holly	12.84	
02832-0991	EA	10 Gallon Ilex vomitoria - Yaupon Holly	45.12	
02832-0992	EA	18" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	20.47	
02832-0993	EA	24" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	23.11	
02832-0994	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	26.41	
02832-0995	EA	18" B&B Ilex meserveae & cvs - Blue Holly	24.43	
02832-0996	EA	24" B&B Ilex meserveae & cvs - Blue Holly	29.72	
02832-0997	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	21.79	
02832-0998	EA	24" B&B Ilex verticillata & cvs - Common Winterberry	21.79	
02832-0999	EA	30" B&B Ilex verticillata & cvs - Common Winterberry	23.11	
02832-1000	EA	36" B&B Ilex verticillata & cvs - Common Winterberry	27.73	
02832-1001	EA	42" B&B Ilex verticillata & cvs - Common Winterberry	31.04	
02832-1002	EA	48" B&B Ilex verticillata & cvs - Common Winterberry	33.02	
02832-1003	EA	60" B&B Ilex verticillata & cvs - Common Winterberry	42.26	
02832-1004	EA	4' To 5' Ilex x attenuata "Foster" - Holly	78.25	
02832-1005	EA	5' To 6' Ilex x attenuata "Foster" - Holly	103.78	
02832-1006	EA	6' To 7' Ilex x attenuata "Foster" - Holly	92.86	
02832-1007	EA	7' To 8' Ilex x attenuata "Foster" - Holly	180.54	
02832-1008	EA	1 Gallon Jasminum - Jasmine.....	1.75	
02832-1009	EA	3 Gallon Jasminum - Jasmine.....	6.83	
02832-1010	EA	3 Gallon Jasminum - Orange Jasmine.....	5.32	
02832-1011	EA	4' - 5' Jasminum - Orange Jasmine.....	60.75	
02832-1012	EA	6' - 7' Jasminum - Orange Jasmine.....	121.50	
02832-1013	EA	8' - 10' Jasminum - Orange Jasmine.....	164.03	
02832-1014	EA	3 Gallon Juniperus chinensis cvs - Chinese Juniper.....	23.11	
02832-1015	EA	5 Gallon Juniperus chinensis cvs - Chinese Juniper.....	25.75	
02832-1016	EA	18" B&B Juniperus chinensis cvs - Chinese Juniper.....	34.34	
02832-1017	EA	24" B&B Juniperus chinensis cvs - Chinese Juniper.....	44.90	
02832-1018	EA	30" B&B Juniperus chinensis cvs - Chinese Juniper.....	52.83	
02832-1019	EA	36" B&B Juniperus chinensis cvs - Chinese Juniper.....	71.32	
02832-1020	EA	48" B&B Juniperus chinensis cvs - Chinese Juniper.....	97.73	
02832-1021	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	23.11	
02832-1022	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	25.75	
02832-1023	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper	27.73	
02832-1024	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper	30.38	
02832-1025	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper	36.98	
02832-1026	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper	44.90	
02832-1027	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper.....	17.83	
02832-1028	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	21.13	
02832-1029	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	29.06	
02832-1030	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	36.98	
02832-1031	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	44.90	
02832-1032	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	16.51	
02832-1033	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	19.81	
02832-1034	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	17.17	
02832-1035	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper	33.02	
02832-1036	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper	51.51	
02832-1037	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper	64.71	
02832-1038	EA	15" To 18" Kalmia latifolia - Mountain Laurel	27.10	
02832-1039	EA	18" To 24" Kalmia latifolia - Mountain Laurel	36.11	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1040	EA	2' To 3' Kalmia latifolia - Mountain Laurel	52.64	
02832-1041	EA	4' To 5' Kalmia latifolia - Mountain Laurel	96.26	
02832-1042	EA	5' To 6' Kalmia latifolia - Mountain Laurel	147.48	
02832-1043	EA	6' To 8' Kalmia latifolia - Mountain Laurel	225.73	
02832-1044	EA	1 Gallon Kerria japonica - Kerria.....	6.03	
02832-1045	EA	5 Gallon Kerria japonica - Kerria.....	18.87	
02832-1046	EA	24" B&B Kolkwitzia amabilis & cvs - Beautybush	19.15	
02832-1047	EA	30" B&B Kolkwitzia amabilis & cvs - Beautybush	21.79	
02832-1048	EA	36" B&B Kolkwitzia amabilis & cvs - Beautybush	23.77	
02832-1049	EA	42" B&B Kolkwitzia amabilis & cvs - Beautybush	27.73	
02832-1050	EA	48" B&B Kolkwitzia amabilis & cvs - Beautybush	31.70	
02832-1051	EA	60" B&B Kolkwitzia amabilis & cvs - Beautybush	39.62	
02832-1052	EA	1 Gallon Lagerstroemia indica - Crepe Myrtle.....	4.54	
02832-1053	EA	5 Gallon Lagerstroemia indica - Crepe Myrtle.....	16.17	
02832-1054	EA	3' To 4' Lagerstroemia indica - Crepe Myrtle	22.56	
02832-1055	EA	4' To 5' Lagerstroemia indica - Crepe Myrtle	33.13	
02832-1056	EA	5' To 6' Lagerstroemia indica - Crepe Myrtle	52.64	
02832-1057	EA	7' To 8' Lagerstroemia indica - Crepe Myrtle	68.35	
02832-1058	EA	9' To 10' Lagerstroemia indica - Crepe Myrtle	91.13	
02832-1059	EA	11' To 12' Lagerstroemia indica - Crepe Myrtle	189.85	
02832-1060	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe.....	6.81	
02832-1061	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe.....	14.90	
02832-1062	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe.....	17.95	
02832-1063	EA	1 Gallon Ligustrum lucidum - Glossy Privet.....	4.19	
02832-1064	EA	5 Gallon Ligustrum lucidum - Glossy Privet.....	12.84	
02832-1065	EA	15 Gallon Ligustrum lucidum - Glossy Privet.....	60.16	
02832-1066	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet.....	4.19	
02832-1067	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet.....	9.01	
02832-1068	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet.....	11.71	
02832-1069	EA	36" B&B Ligustrum vulgare & cvs - Common Privet	19.81	
02832-1070	EA	48" B&B Ligustrum vulgare & cvs - Common Privet	29.06	
02832-1071	EA	60" B&B Ligustrum vulgare & cvs - Common Privet	36.98	
02832-1072	EA	72" B&B Ligustrum vulgare & cvs - Common Privet	42.26	
02832-1073	EA	5 Gallon Lindera benzoin - Spicebush	21.79	
02832-1074	EA	36" B&B Lindera benzoin - Spicebush	18.49	
02832-1075	EA	48" B&B Lindera benzoin - Spicebush	22.45	
02832-1076	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle.....	36.11	
02832-1077	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle.....	43.63	
02832-1078	EA	30" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	19.81	
02832-1079	EA	36" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	23.77	
02832-1080	EA	42" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	26.41	
02832-1081	EA	48" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	29.06	
02832-1082	EA	1 Gallon Myrica cerifera - Wax Myrtle	3.80	
02832-1083	EA	4 Gallon Myrica cerifera - Wax Myrtle.....	12.15	
02832-1084	EA	7 Gallon Myrica cerifera - Wax Myrtle.....	26.58	
02832-1085	EA	10 Gallon Myrica cerifera - Wax Myrtle.....	39.49	
02832-1086	EA	15 Gallon Myrica cerifera - Wax Myrtle.....	60.75	
02832-1087	EA	45 Gallon Myrica cerifera - Wax Myrtle.....	182.26	
02832-1088	EA	1' - 2' Myrica cerifera - Wax Myrtle.....	5.32	
02832-1089	EA	3' - 4' Myrica cerifera - Wax Myrtle.....	18.23	
02832-1090	EA	5' - 6' Myrica cerifera - Wax Myrtle.....	33.41	
02832-1091	EA	7' - 8' Myrica cerifera - Wax Myrtle.....	45.56	
02832-1092	EA	9' - 10' Myrica cerifera - Wax Myrtle.....	60.75	
02832-1093	EA	11' - 12' Myrica cerifera - Wax Myrtle.....	92.65	
02832-1094	EA	3 Gallon Myrica pensylvanica - Northern Bayberry.....	19.81	
02832-1095	EA	24" B&B Myrica pensylvanica - Northern Bayberry.....	32.36	
02832-1096	EA	30" B&B Myrica pensylvanica - Northern Bayberry.....	47.54	
02832-1097	EA	36" B&B Myrica pensylvanica - Northern Bayberry.....	56.79	
02832-1098	EA	48" B&B Myrica pensylvanica - Northern Bayberry.....	59.43	
02832-1099	EA	1 Gallon Nandina domestica - Heavenly Bamboo	6.81	
02832-1100	EA	2 Gallon Nandina domestica - Heavenly Bamboo	14.90	
02832-1101	EA	5 Gallon Nandina domestica - Heavenly Bamboo	22.56	
02832-1102	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive.....	4.19	
02832-1103	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive.....	11.35	
02832-1104	EA	1 Gallon Philadelphus - Evergreen Mockorange.....	5.82	
02832-1105	EA	5 Gallon Philadelphus - Evergreen Mockorange.....	18.87	
02832-1106	EA	36" B&B Philadelphus x virginialis & cvs - Mockorange.....	19.81	
02832-1107	EA	42" B&B Philadelphus x virginialis & cvs - Mockorange.....	23.11	
02832-1108	EA	48" B&B Philadelphus x virginialis & cvs - Mockorange.....	26.41	
02832-1109	EA	24" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	19.81	
02832-1110	EA	30" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	23.11	
02832-1111	EA	36" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	26.41	
02832-1112	EA	42" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	33.02	
02832-1113	EA	48" B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	39.62	
02832-1114	EA	12" To 15" Spread Pieris - Mountain Andromeda	18.23	
02832-1115	EA	15" To 18" Spread Pieris - Mountain Andromeda	39.09	
02832-1116	EA	12" To 15" Pieris japonica - Japanese Andromeda.....	23.69	
02832-1117	EA	15" To 18" Pieris japonica - Japanese Andromeda.....	27.10	
02832-1118	EA	18" To 24" Pieris japonica - Japanese Andromeda.....	33.91	
02832-1119	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda.....	48.17	
02832-1120	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda.....	57.18	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1121	EA	24" B&B Pinus mugo & cvs - Mugo Pine.....	33.02	
02832-1122	EA	30" B&B Pinus mugo & cvs - Mugo Pine.....	42.26	
02832-1123	EA	36" B&B Pinus mugo & cvs - Mugo Pine.....	50.85	
02832-1124	EA	48" B&B Pinus mugo & cvs - Mugo Pine.....	65.37	
02832-1125	EA	60" B&B Pinus mugo & cvs - Mugo Pine.....	78.58	
02832-1126	EA	72" B&B Pinus mugo & cvs - Mugo Pine.....	114.90	
02832-1127	EA	30" B&B Pinus mugo compacta - Dwarf Mugo Pine	71.32	
02832-1128	EA	36" B&B Pinus mugo compacta - Dwarf Mugo Pine	85.85	
02832-1129	EA	48" B&B Pinus mugo compacta - Dwarf Mugo Pine	114.24	
02832-1130	EA	1 Gallon Pittosporum - Pittosporum	2.51	
02832-1131	EA	3 Gallon Pittosporum - Pittosporum	6.45	
02832-1132	EA	1 Gallon Pittosporum - Varigated Pittosporum.....	2.51	
02832-1133	EA	3 Gallon Pittosporum - Varigated Pittosporum.....	6.45	
02832-1134	EA	5 Gallon Pittosporum - Varigated Pittosporum.....	11.32	
02832-1135	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	11.23	
02832-1136	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	15.85	
02832-1137	EA	18" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	11.89	
02832-1138	EA	24" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	13.21	
02832-1139	EA	30" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	19.15	
02832-1140	EA	36" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	22.12	
02832-1141	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel.....	4.54	
02832-1142	EA	3 Gallon Prunus caroliniana - Carolina Cherry Laurel.....	11.35	
02832-1143	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel.....	67.68	
02832-1144	EA	15" To 18" Prunus laurocerasus - Cherry Laurel.....	17.31	
02832-1145	EA	18" To 24" Prunus laurocerasus - Cherry Laurel.....	21.42	
02832-1146	EA	24" To 30" Prunus laurocerasus - Cherry Laurel.....	27.88	
02832-1147	EA	15" To 18" Prunus triloba - Double White Flowering Almond	15.46	
02832-1148	EA	18" To 24" Prunus triloba - Double White Flowering Almond	19.79	
02832-1149	EA	3' To 4' Prunus triloba - Double White Flowering Almond.....	31.57	
02832-1150	EA	4' To 6' Prunus triloba - Double White Flowering Almond.....	63.21	
02832-1151	EA	5 Gallon Prunus triloba - Pink Flowering Almond.....	19.01	
02832-1152	EA	18" To 24" Prunus triloba - Pink Flowering Almond.....	21.35	
02832-1153	EA	2' To 3' Prunus triloba - Pink Flowering Almond.....	24.83	
02832-1154	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	16.88	
02832-1155	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	20.71	
02832-1156	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	24.83	
02832-1157	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	28.45	
02832-1158	EA	1 Gallon Punica granatum - Dwarf Pomegranate	4.47	
02832-1159	EA	3 Gallon Punica granatum - Dwarf Pomegranate	13.20	
02832-1160	EA	7 Gallon Punica granatum - Dwarf Pomegranate	27.10	
02832-1161	EA	1 Gallon Pyracantha koidzumii "Santa Cruz" - Pyracantha.....	5.68	
02832-1162	EA	5 Gallon Pyracantha koidzumii "Santa Cruz" - Pyracantha.....	18.87	
02832-1163	EA	5 Gallon Espalier Pyracantha koidzumii "Santa Cruz" - Pyracantha.....	39.09	
02832-1164	EA	1 Gallon Ralphirolepis indica - Indian Hawthorne	4.54	
02832-1165	EA	2 Gallon Ralphirolepis indica - Indian Hawthorne	8.65	
02832-1166	EA	5 Gallon Ralphirolepis indica - Indian Hawthorne	15.39	
02832-1167	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge.....	34.62	
02832-1168	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge.....	47.46	
02832-1169	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge.....	61.72	
02832-1170	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge.....	112.86	
02832-1171	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	7.38	
02832-1172	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	14.90	
02832-1173	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	19.44	
02832-1174	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids.....	22.56	
02832-1175	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids.....	26.39	
02832-1176	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids.....	33.13	
02832-1177	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids.....	48.17	
02832-1178	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids.....	67.68	
02832-1179	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	8.30	
02832-1180	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	14.90	
02832-1181	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	25.61	
02832-1182	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	33.13	
02832-1183	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	48.17	
02832-1184	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	70.73	
02832-1185	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids.....	94.78	
02832-1186	EA	5 Gallon Rhododendron - Boxleaf Azara	18.87	
02832-1187	EA	15 Gallon Rhododendron - Boxleaf Azara	67.68	
02832-1188	EA	15" To 18" Rhododendron - Carolina Rhododendron	21.35	
02832-1189	EA	18" To 24" Rhododendron - Carolina Rhododendron	37.60	
02832-1190	EA	24" To 30" Rhododendron - Carolina Rhododendron	55.69	
02832-1191	EA	2' To 3' Rhododendron - Five-leafed Azalea	25.33	
02832-1192	EA	3' To 4' Rhododendron - Five-leafed Azalea	33.13	
02832-1193	EA	4' To 5' Rhododendron - Five-leafed Azalea	43.63	
02832-1194	EA	15" To 18" Rhododendron - Ghent Azalea.....	25.33	
02832-1195	EA	18" To 24" Rhododendron - Ghent Azalea.....	31.57	
02832-1196	EA	2' To 3' Rhododendron - Ghent Azalea.....	51.15	
02832-1197	EA	3' To 4' Rhododendron - Ghent Azalea.....	70.73	
02832-1198	EA	4' To 5' Rhododendron - Ghent Azalea.....	94.78	
02832-1199	EA	5' To 6' Rhododendron - Ghent Azalea.....	126.41	
02832-1200	EA	1 Gallon Rhododendron - Hybrid Rhododendron.....	8.30	
02832-1201	EA	2 Gallon Rhododendron - Hybrid Rhododendron.....	17.95	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1202	EA	3 Gallon Rhododendron - Hybrid Rhododendron.....	25.47	
02832-1203	EA	5 Gallon Rhododendron - Hybrid Rhododendron.....	28.45	
02832-1204	EA	15" To 18" Rhododendron - Hybrid Rhododendron.....	24.05	
02832-1205	EA	18" To 24" Rhododendron - Hybrid Rhododendron.....	33.13	
02832-1206	EA	24" To 30" Rhododendron - Hybrid Rhododendron.....	45.12	
02832-1207	EA	30" To 36" Rhododendron - Hybrid Rhododendron.....	52.64	
02832-1208	EA	36" To 42" Rhododendron - Hybrid Rhododendron.....	75.27	
02832-1209	EA	42" To 48" Rhododendron - Hybrid Rhododendron.....	93.29	
02832-1210	EA	15" To 18" Rhododendron - Pjm Rhododendron.....	27.10	
02832-1211	EA	18" To 24" Rhododendron - Pjm Rhododendron.....	33.13	
02832-1212	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron.....	48.17	
02832-1213	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron.....	61.72	
02832-1214	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron.....	75.27	
02832-1215	EA	12" To 15" Rhododendron - Torch Azalea.....	21.07	
02832-1216	EA	15" To 18" Rhododendron - Torch Azalea.....	25.33	
02832-1217	EA	18" To 24" Rhododendron - Torch Azalea.....	31.57	
02832-1218	EA	2' To 3' Rhododendron - Torch Azalea.....	52.64	
02832-1219	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron.....	23.77	
02832-1220	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron.....	29.06	
02832-1221	EA	18" B&B Rhododendron cvs - Lepidote Rhododendron.....	35.66	
02832-1222	EA	24" B&B Rhododendron cvs - Lepidote Rhododendron.....	44.90	
02832-1223	EA	30" B&B Rhododendron cvs - Lepidote Rhododendron.....	52.83	
02832-1224	EA	36" B&B Rhododendron cvs - Lepidote Rhododendron.....	63.39	
02832-1225	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac.....	6.81	
02832-1226	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac.....	18.87	
02832-1227	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac.....	15.85	
02832-1228	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac.....	21.79	
02832-1229	EA	18" B&B Rhus aromatica & cvs - Fragrant Sumac.....	25.09	
02832-1230	EA	24" B&B Rhus aromatica & cvs - Fragrant Sumac.....	33.02	
02832-1231	EA	36" B&B Rhus glabra - Smooth Sumac.....	19.81	
02832-1232	EA	48" B&B Rhus typhina & cvs - Staghorn Sumac.....	33.02	
02832-1233	EA	72" B&B Rhus typhina & cvs - Staghorn Sumac.....	52.83	
02832-1234	EA	15" B&B Ribes alpinum & cvs - Alpine Currant.....	17.83	
02832-1235	EA	18" B&B Ribes alpinum & cvs - Alpine Currant.....	20.47	
02832-1236	EA	24" B&B Ribes alpinum & cvs - Alpine Currant.....	29.72	
02832-1237	EA	30" B&B Ribes alpinum & cvs - Alpine Currant.....	39.62	
02832-1238	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose.....	10.90	
02832-1239	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose.....	13.21	
02832-1240	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose.....	16.51	
02832-1241	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose.....	11.89	
02832-1242	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose.....	15.19	
02832-1243	EA	5 Gallon Sambucus canadensis - American Elder.....	21.79	
02832-1244	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	9.79	
02832-1245	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	14.33	
02832-1246	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca.....	5.32	
02832-1247	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca.....	13.90	
02832-1248	EA	1 Gallon Skimmia japonica - Japanese Skimmia.....	6.81	
02832-1249	EA	2 Gallon Skimmia japonica - Japanese Skimmia.....	13.55	
02832-1250	EA	5 Gallon Skimmia japonica - Japanese Skimmia.....	21.85	
02832-1251	EA	3' To 4' Spiraea - Garland Spirea.....	31.57	
02832-1252	EA	4' To 5' Spiraea - Garland Spirea.....	48.17	
02832-1253	EA	5 Gallon Spiraea - Snowmound Spirea.....	18.87	
02832-1254	EA	18" To 24" Spiraea - Snowmound Spirea.....	15.46	
02832-1255	EA	2' To 3' Spiraea - Snowmound Spirea.....	21.85	
02832-1256	EA	3' To 4' Spiraea - Snowmound Spirea.....	25.33	
02832-1257	EA	4' To 5' Spiraea - Snowmound Spirea.....	43.63	
02832-1258	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea.....	6.81	
02832-1259	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea.....	13.41	
02832-1260	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea.....	15.52	
02832-1261	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea.....	16.84	
02832-1262	EA	18" B&B Spiraea japonica & cvs - Japanese Spirea.....	17.17	
02832-1263	EA	24" B&B Spiraea japonica & cvs - Japanese Spirea.....	19.81	
02832-1264	EA	30" B&B Spiraea japonica & cvs - Japanese Spirea.....	22.45	
02832-1265	EA	36" B&B Spiraea japonica & cvs - Japanese Spirea.....	26.08	
02832-1266	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	10.57	
02832-1267	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	15.85	
02832-1268	EA	18" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	14.53	
02832-1269	EA	24" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	17.17	
02832-1270	EA	30" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	19.81	
02832-1271	EA	36" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	22.45	
02832-1272	EA	48" B&B Spiraea nipponica & cvs - Nippon Spiraea.....	29.06	
02832-1273	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	6.81	
02832-1274	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	12.22	
02832-1275	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	15.85	
02832-1276	EA	18" B&B Spiraea x bumalda & cvs - Bumalda Spirea.....	13.87	
02832-1277	EA	24" B&B Spiraea x bumalda & cvs - Bumalda Spirea.....	16.84	
02832-1278	EA	30" B&B Spiraea x bumalda & cvs - Bumalda Spirea.....	19.81	
02832-1279	EA	36" B&B Spiraea x bumalda & cvs - Bumalda Spirea.....	22.45	
02832-1280	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	15.85	
02832-1281	EA	18" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	15.85	
02832-1282	EA	24" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	18.49	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1283	EA	30" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	25.09	
02832-1284	EA	36" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	29.06	
02832-1285	EA	42" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	34.34	
02832-1286	EA	5 Gallon Staphylea trifolia - Bladdernut.....	22.29	
02832-1287	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	15.85	
02832-1288	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	17.17	
02832-1289	EA	24" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	19.81	
02832-1290	EA	30" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	23.77	
02832-1291	EA	2 Gallon Symphoricarpos albus - Common Snowberry	16.51	
02832-1292	EA	5 Gallon Symphoricarpos albus - Common Snowberry	17.50	
02832-1293	EA	24" B&B Syringa meyeri & cvs - Meyer Lilac	29.06	
02832-1294	EA	30" B&B Syringa meyeri & cvs - Meyer Lilac	36.32	
02832-1295	EA	36" B&B Syringa meyeri & cvs - Meyer Lilac	42.26	
02832-1296	EA	42" B&B Syringa meyeri & cvs - Meyer Lilac	48.87	
02832-1297	EA	18" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	29.06	
02832-1298	EA	24" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	31.70	
02832-1299	EA	30" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	36.32	
02832-1300	EA	36" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	42.26	
02832-1301	EA	42" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	48.87	
02832-1302	EA	60" B&B Syringa villosa & cvs - Late Lilac	23.11	
02832-1303	EA	72" B&B Syringa villosa & cvs - Late Lilac	25.09	
02832-1304	EA	36" B&B Syringa vulgaris & cvs - Common Lilac	19.81	
02832-1305	EA	42" B&B Syringa vulgaris & cvs - Common Lilac	22.45	
02832-1306	EA	48" B&B Syringa vulgaris & cvs - Common Lilac	25.09	
02832-1307	EA	60" B&B Syringa vulgaris & cvs - Common Lilac	29.06	
02832-1308	EA	72" B&B Syringa vulgaris & cvs - Common Lilac	35.66	
02832-1309	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	16.51	
02832-1310	EA	36" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac.....	19.15	
02832-1311	EA	48" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac.....	25.09	
02832-1312	EA	48" B&B Taxus cuspidata capitata - Capitata Japanese Yew	105.00	
02832-1313	EA	54" B&B Taxus cuspidata capitata - Capitata Japanese Yew	117.54	
02832-1314	EA	60" B&B Taxus cuspidata capitata - Capitata Japanese Yew	129.43	
02832-1315	EA	72" B&B Taxus cuspidata capitata - Capitata Japanese Yew	155.84	
02832-1316	EA	18" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	27.73	
02832-1317	EA	24" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	36.32	
02832-1318	EA	30" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	42.26	
02832-1319	EA	36" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	46.22	
02832-1320	EA	15" B&B Taxus x media & cvs - Anglojap Yew	27.73	
02832-1321	EA	18" B&B Taxus x media & cvs - Anglojap Yew	36.32	
02832-1322	EA	24" B&B Taxus x media & cvs - Anglojap Yew	42.92	
02832-1323	EA	30" B&B Taxus x media & cvs - Anglojap Yew	50.85	
02832-1324	EA	36" B&B Taxus x media & cvs - Anglojap Yew	76.60	
02832-1325	EA	36" B&B Thuja occidentalis & cvs - Upright Arborvitae	42.26	
02832-1326	EA	48" B&B Thuja occidentalis & cvs - Upright Arborvitae	56.79	
02832-1327	EA	60" B&B Thuja occidentalis & cvs - Upright Arborvitae	85.85	
02832-1328	EA	72" B&B Thuja occidentalis & cvs - Upright Arborvitae	125.47	
02832-1329	EA	84" B&B Thuja occidentalis & cvs - Upright Arborvitae	143.96	
02832-1330	EA	96" B&B Thuja occidentalis & cvs - Upright Arborvitae	167.07	
02832-1331	EA	15" B&B Thuja occidentalis cvs - Dwarf Arborvitae.....	18.49	
02832-1332	EA	18" B&B Thuja occidentalis cvs - Dwarf Arborvitae.....	25.75	
02832-1333	EA	24" B&B Thuja occidentalis cvs - Dwarf Arborvitae.....	36.32	
02832-1334	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	31.57	
02832-1335	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	48.17	
02832-1336	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	63.21	
02832-1337	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	3.83	
02832-1338	EA	3 Gallon Viburnum japonicum - Japanese Viburnum.....	10.50	
02832-1339	EA	5 Gallon Viburnum plicatum - Japanese Snowball.....	18.87	
02832-1340	EA	5' To 6' Viburnum plicatum - Japanese Snowball.....	70.73	
02832-1341	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum.....	33.13	
02832-1342	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum.....	39.09	
02832-1343	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum.....	54.98	
02832-1344	EA	30" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum.....	36.32	
02832-1345	EA	36" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum.....	43.58	
02832-1346	EA	24" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	33.02	
02832-1347	EA	30" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	39.62	
02832-1348	EA	36" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	46.22	
02832-1349	EA	42" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	52.83	
02832-1350	EA	36" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	18.49	
02832-1351	EA	42" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	19.81	
02832-1352	EA	48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	23.11	
02832-1353	EA	60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	26.41	
02832-1354	EA	72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	29.06	
02832-1355	EA	30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	17.83	
02832-1356	EA	36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	19.81	
02832-1357	EA	42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	25.09	
02832-1358	EA	48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	29.06	
02832-1359	EA	60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	39.62	
02832-1360	EA	72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	47.54	
02832-1361	EA	36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	19.81	
02832-1362	EA	48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	26.41	
02832-1363	EA	5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	33.02	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1364	EA	6" B&B Viburnum lentago & cvs - Nannyberry Viburnum	46.22	
02832-1365	EA	7" B&B Viburnum lentago & cvs - Nannyberry Viburnum	66.03	
02832-1366	EA	8" B&B Viburnum lentago & cvs - Nannyberry Viburnum	92.45	
02832-1367	EA	9" B&B Viburnum lentago & cvs - Nannyberry Viburnum	118.86	
02832-1368	EA	30" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	23.77	
02832-1369	EA	36" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	26.41	
02832-1370	EA	36" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	47.54	
02832-1371	EA	48" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	72.64	
02832-1372	EA	60" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	92.45	
02832-1373	EA	72" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	112.26	
02832-1374	EA	84" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	138.67	
02832-1375	EA	96" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	165.09	
02832-1376	EA	108" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	198.10	
02832-1377	EA	120" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	231.12	
02832-1378	EA	30" B&B Viburnum sargentii & cvs - Sargent Viburnum	20.14	
02832-1379	EA	36" B&B Viburnum sargentii & cvs - Sargent Viburnum	22.12	
02832-1380	EA	48" B&B Viburnum sargentii & cvs - Sargent Viburnum	25.09	
02832-1381	EA	60" B&B Viburnum sargentii & cvs - Sargent Viburnum	29.06	
02832-1382	EA	72" B&B Viburnum sargentii & cvs - Sargent Viburnum	33.35	
02832-1383	EA	18" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	19.15	
02832-1384	EA	24" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	23.11	
02832-1385	EA	30" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	27.73	
02832-1386	EA	36" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	31.70	
02832-1387	EA	42" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	38.30	
02832-1388	EA	48" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	42.26	
02832-1389	EA	30" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	33.02	
02832-1390	EA	36" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	39.62	
02832-1391	EA	42" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	46.22	
02832-1392	EA	48" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	52.83	
02832-1393	EA	60" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	59.43	
02832-1394	EA	30" B&B Viburnum x juddii & cvs - Judd Viburnum	42.26	
02832-1395	EA	36" B&B Viburnum x juddii & cvs - Judd Viburnum	47.54	
02832-1396	EA	42" B&B Viburnum x juddii & cvs - Judd Viburnum	54.15	
02832-1397	EA	48" B&B Viburnum x juddii & cvs - Judd Viburnum	62.07	
02832-1398	EA	2' To 3' Viburnum opulus "Roseum" - Fragrant Snowball	39.09	
02832-1399	EA	3' To 4' Viburnum opulus "Roseum" - Fragrant Snowball	48.17	
02832-1400	EA	4' To 5' Viburnum opulus "Roseum" - Fragrant Snowball	70.73	
02832-1401	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	21.79	
02832-1402	EA	24" B&B Weigela florida & cvs - Old Fashioned Weigela	19.81	
02832-1403	EA	30" B&B Weigela florida & cvs - Old Fashioned Weigela	22.45	
02832-1404	EA	36" B&B Weigela florida & cvs - Old Fashioned Weigela	25.09	
02832-1405	EA	42" B&B Weigela florida & cvs - Old Fashioned Weigela	29.06	
02832-1406	EA	48" B&B Weigela florida & cvs - Old Fashioned Weigela	33.02	
02832-1407	EA	1 Gallon Xylosma congestum - Shiny Xylosma	4.54	
02832-1408	EA	5 Gallon Xylosma congestum - Shiny Xylosma	12.84	
02832-1409	EA	15 Gallon Xylosma congestum - Shiny Xylosma	56.47	
02832-1410	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	3.83	
02832-1411	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	10.14	
02832-1412	EA	1 Gallon Yucca filamentosa - Adams Needle	5.32	
02832-1413	EA	3 Gallon Yucca filamentosa - Adams Needle	10.36	
02832-1414	EA	5 Gallon Yucca filamentosa - Adams Needle	16.39	
02832-1415	EA	18" To 24" Euonymus Alatus - Winged Burning Bush	21.07	
02832-1416	EA	2' To 2-1/2' Euonymus Alatus - Winged Burning Bush	24.83	
02832-1417	EA	2-1/2' To 3' Euonymus Alatus - Winged Burning Bush	33.91	
02832-1418	EA	3' To 3-1/2' Euonymus Alatus - Winged Burning Bush	40.65	
02832-1419	EA	3-1/2' To 4' Euonymus Alatus - Winged Burning Bush	51.15	
02832-1420	EA	4' To 5' Euonymus Alatus - Winged Burning Bush	72.22	
02832-1421	EA	5' To 6' Euonymus Alatus - Winged Burning Bush	90.31	
02832-1422	EA	6' To 8' Euonymus Alatus - Winged Burning Bush	105.35	
02832-1423	EA	15" To 18" Euonymus Alatus - Dwarf Winged Burning Bush	21.07	
02832-1424	EA	18" To 24" Euonymus Alatus - Dwarf Winged Burning Bush	24.05	
02832-1425	EA	2' To 2-1/2' Euonymus Alatus - Dwarf Winged Burning Bush	29.37	
02832-1426	EA	2-1/2' To 3' Euonymus Alatus - Dwarf Winged Burning Bush	41.43	
02832-1427	EA	3' To 3-1/2' Euonymus Alatus - Dwarf Winged Burning Bush	48.95	
02832-1428	EA	3-1/2' To 4' Euonymus Alatus - Dwarf Winged Burning Bush	58.67	
02832-1429	EA	4' To 5' Euonymus Alatus - Dwarf Winged Burning Bush	82.79	
02832-1430	EA	5' To 6' Euonymus Alatus - Dwarf Winged Burning Bush	97.83	
02832-1431	EA	5 Gallon Border Forsythia - Goldenbells	18.23	
02832-1432	EA	2' To 3' Border Forsythia - Goldenbells	15.04	
02832-1433	EA	3' To 4' Border Forsythia - Goldenbells	19.01	
02832-1434	EA	4' To 5' Border Forsythia - Goldenbells	23.69	
02832-1435	EA	5' To 6' Border Forsythia - Goldenbells	28.45	
02832-1436	EA	6' To 8' Border Forsythia - Goldenbells	39.09	
02832-1437	EA	3' Juniperus chinensis - Columnar Chinese Juniper	38.73	
02832-1438	EA	4' Juniperus chinensis - Columnar Chinese Juniper	53.16	
02832-1439	EA	5' Juniperus chinensis - Columnar Chinese Juniper	83.53	
02832-1440	EA	6' Juniperus chinensis - Columnar Chinese Juniper	97.20	
02832-1441	EA	7' Juniperus chinensis - Columnar Chinese Juniper	127.58	
02832-1442	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	7.59	
02832-1443	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	10.63	
02832-1444	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	25.74	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1445	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	7.59	
02832-1446	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	10.63	
02832-1447		Groundcover And Vines <small>(02832)</small>		
02832-1448	EA	1 Quart "Bowles Golden" Variegated Sedge	7.77	
02832-1449	EA	1 Gallon "Bowles Golden" Variegated Sedge	10.12	
02832-1450	EA	2 Gallon Andora Creeping Juniper	12.81	
02832-1451	EA	1 Quart Barren Strawberry	2.20	
02832-1452	EA	1 Gallon Barren Strawberry	5.28	
02832-1453	EA	1 Gallon Bearberry Cotoneaster	7.19	
02832-1454	EA	2 Gallon Bearberry Cotoneaster	13.64	
02832-1455	EA	5 Gallon Bearberry Cotoneaster	24.05	
02832-1456	EA	1 Gallon Big Blue Liriope	2.46	
02832-1457	EA	1 Gallon Blood Red Trumpet Vine	4.55	
02832-1458	EA	5 Gallon Blood Red Trumpet Vine	15.99	
02832-1459	EA	1 Quart Blue Hair Grass	3.08	
02832-1460	EA	1 Gallon Blue Hair Grass	5.50	
02832-1461	EA	3 Gallon Blue Hair Grass	10.12	
02832-1462	EA	1 Gallon Blue Rug Juniper	5.97	
02832-1463	EA	4" Pot Boston Ivy Or Other Variety	3.67	
02832-1464	EA	1 Gallon Boston Ivy Or Other Variety	8.36	
02832-1465	EA	5 Gallon Boston Ivy Or Other Variety	22.88	
02832-1466	EA	3 Gallon Bougainvillea	7.69	
02832-1467	EA	1 Quart Candytuft	2.20	
02832-1468	EA	1 Gallon Candytuft	5.28	
02832-1469	EA	1 Gallon Carolina Jessamine	5.28	
02832-1470	EA	5 Gallon Carolina Jessamine	19.07	
02832-1471	EA	3" Pot Carpet Bugle	1.32	
02832-1472	EA	1 Quart Carpet Bugle	2.20	
02832-1473	EA	1 Gallon Carpet Bugle	5.28	
02832-1474	EA	24 Plant Flat Carpet Bugle	22.73	
02832-1475	EA	1 Gallon Cat Claw Vine	5.28	
02832-1476	EA	5 Gallon Cat Claw Vine	22.88	
02832-1477	EA	1 Gallon Chinese Wisteria	6.89	
02832-1478	EA	3 Gallon Chinese Wisteria	15.25	
02832-1479	EA	5 Gallon Chinese Wisteria	22.88	
02832-1480	EA	1 Gallon Clematis Varieties	7.58	
02832-1481	EA	2 Gallon Clematis Varieties	14.02	
02832-1482	EA	1 Gallon Climbing Hydrangea	9.53	
02832-1483	EA	2 Gallon Climbing Hydrangea	17.89	
02832-1484	EA	5 Gallon Climbing Hydrangea	29.33	
02832-1485	EA	4" Pot Common Lantana	1.32	
02832-1486	EA	1 Gallon Common Lantana	3.81	
02832-1487	EA	1 Gallon Creeping Gardenia	4.55	
02832-1488	EA	5 Gallon Creeping Gardenia	14.96	
02832-1489	EA	2 Quart Creeping Jenny	2.20	
02832-1490	EA	1 Gallon Creeping Jenny	4.25	
02832-1491	EA	2 Quart Creeping Lilytuft	3.81	
02832-1492	EA	1 Gallon Creeping Lilytuft	6.89	
02832-1493	EA	5 Gallon Creeping Lilytuft	14.52	
02832-1494	EA	Bare Root Creeping Liriope	0.96	
02832-1495	EA	3" Pot Creeping Rosemary	1.32	
02832-1496	EA	1 Gallon Creeping Rosemary	5.28	
02832-1497	EA	2-1/4" Pot Crown Vetch	0.88	
02832-1498	EA	50 Plant Flat Crown Vetch	29.77	
02832-1499	EA	1 Quart Dusty Miller	2.20	
02832-1500	EA	1 Gallon Dusty Miller	5.28	
02832-1501	EA	2 Gallon Dutchman's Pipe	18.33	
02832-1502	EA	5 Gallon Dutchman's Pipe	33.59	
02832-1503	EA	1 Quart Dwarf Coyote Bush	2.20	
02832-1504	EA	1 Gallon Dwarf Coyote Bush	3.81	
02832-1505	EA	1 Gallon Dwarf Holly	3.98	
02832-1506	EA	3 Gallon Dwarf Holly	8.54	
02832-1507	EA	3 Gallon Dwarf Indian Hawthorn	8.54	
02832-1508	EA	1 Gallon Dwarf Oyster Plant	2.85	
02832-1509	EA	2" To 3" Pot English Ivy	1.32	
02832-1510	EA	12" To 15" Runners English Ivy	2.20	
02832-1511	EA	1 Gallon English Ivy	5.28	
02832-1512	EA	50 Plant Flat English Ivy	30.51	
02832-1513	EA	4" Pot English Lavender	1.91	
02832-1514	EA	1 Quart English Lavender	3.67	
02832-1515	EA	1 Gallon English Lavender	6.01	
02832-1516	EA	1 Gallon Euonymus fortunei 'Kewensis'	5.72	
02832-1517	EA	2 Gallon Euonymus fortunei 'Kewensis'	11.44	
02832-1518	EA	1 Quart Fountain Grass	3.45	
02832-1519	EA	1 Gallon Fountain Grass	5.50	
02832-1520	EA	3 Gallon Fountain Grass	10.12	
02832-1521	EA	1 Quart Giant Feather Grass	7.77	
02832-1522	EA	1 Gallon Giant Feather Grass	11.73	
02832-1523	EA	1 Quart Giant Reed	7.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1524 EA 1 Gallon Giant Reed	10.12	
02832-1525 EA 1 Gallon Gold Flame Honeysuckle	6.01	
02832-1526 EA 2 Gallon Gold Flame Honeysuckle	11.44	
02832-1527 EA 1 Quart Golden Variegated Hakonechloa	7.77	
02832-1528 EA 1 Gallon Golden Variegated Hakonechloa	11.73	
02832-1529 EA 3" Pot Halls Honeysuckle	1.32	
02832-1530 EA 1 Gallon Halls Honeysuckle	6.01	
02832-1531 EA 2 Gallon Halls Honeysuckle	11.44	
02832-1532 EA 1 Gallon Happy Wanderer	5.28	
02832-1533 EA 5 Gallon Happy Wanderer	17.60	
02832-1534 EA 3 Gallon Hibiscus Assorted Colors	6.88	
02832-1535 EA 1 Quart Japanese Blood Grass	4.33	
02832-1536 EA 1 Gallon Japanese Blood Grass	6.23	
02832-1537 EA 2 Gallon Japanese Blood Grass	8.58	
02832-1538 EA 1 Gallon Japanese Sweet Flag	5.50	
02832-1539 EA 1 Gallon Jasminum Volubile	2.77	
02832-1540 EA 1 Gallon Jasminum Volubile	6.88	
02832-1541 EA 1 Gallon Juniperus "Parsonii"	3.45	
02832-1542 EA 3 Gallon Juniperus "Parsonii"	7.69	
02832-1543 EA 1 Gallon Kangeroo Vine	4.25	
02832-1544 EA 5 Gallon Kangeroo Vine	13.35	
02832-1545 EA 1 Quart Stachys byzantina - Lamb's Ear	2.20	
02832-1546 EA 1 Quart Stachys byzantina - Lamb's Ear	5.28	
02832-1547 EA 1 Gallon Lantana spp. Various Colors	3.11	
02832-1548 EA 1 Gallon Lantana	2.05	
02832-1549 EA 1 Gallon Laurel-leaf Snailseed	4.25	
02832-1550 EA 5 Gallon Laurel-leaf Snailseed	15.25	
02832-1551 EA 1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.11	
02832-1552 EA 1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.93	
02832-1553 EA 3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	6.28	
02832-1554 EA 1 Gallon Maiden Grass	8.58	
02832-1555 EA 3 Gallon Maiden Grass	14.81	
02832-1556 EA 5 Gallon Maiden Grass	19.51	
02832-1557 EA 4" Pot Mondo Grass	1.32	
02832-1558 EA 1 Gallon Mondo Grass	5.28	
02832-1559 EA 5 Gallon Mondo Grass	12.17	
02832-1560 EA 1 Quart Moss Phlox, Creeping Phlox	2.20	
02832-1561 EA 1 Gallon Moss Phlox, Creeping Phlox	5.28	
02832-1562 EA 1 Gallon Nephrolepis exaltata - Common Boston Fern	2.77	
02832-1563 EA 1 Gallon Ophiopogon japonicus	3.11	
02832-1564 EA 2' To 3' High Oregon Holly-Grape	6.09	
02832-1565 EA 1 Gallon Pachysandra	7.94	
02832-1566 EA 1 Gallon Pampas Grass	7.04	
02832-1567 EA 2 Gallon Pampas Grass	8.58	
02832-1568 EA 3 Gallon Pampas Grass	10.12	
02832-1569 EA 10 Gallon Pampas Grass	38.87	
02832-1570 EA 2-1/4" Pot Periwinkle	0.73	
02832-1571 EA 4" Pot Periwinkle	2.20	
02832-1572 EA Bare Root Periwinkle	0.73	
02832-1573 EA 1 Quart Persian Catmint	2.20	
02832-1574 EA 1 Gallon Persian Catmint	4.55	
02832-1575 EA 1 Gallon Prostrate Coprosma	3.67	
02832-1576 EA 5 Gallon Prostrate Coprosma	13.35	
02832-1577 EA 1 Gallon Prostrate Juniper	6.01	
02832-1578 EA 3 Gallon Prostrate Juniper	12.91	
02832-1579 EA 5 Gallon Prostrate Juniper	19.07	
02832-1580 EA 1 Gallon Purple Wintercreeper	2.58	
02832-1581 EA 1 Quart Purple-leaf Wintercreeper	3.67	
02832-1582 EA 1 Gallon Purple-leaf Wintercreeper	5.72	
02832-1583 EA 24 Plant Flat Purple-leaf Wintercreeper	22.73	
02832-1584 EA 1 Gallon Ravenna Grass	7.04	
02832-1585 EA 3 Gallon Ravenna Grass	10.12	
02832-1586 EA 7 Gallon Ravenna Grass	19.51	
02832-1587 EA 1 Gallon Rhoeco Discolor "Dwarf"	2.77	
02832-1588 EA 1 Quart Sea Urchin Blue Fescue	3.08	
02832-1589 EA 1 Gallon Sea Urchin Blue Fescue	5.50	
02832-1590 EA 2 Gallon Sea Urchin Blue Fescue	8.58	
02832-1591 EA 1 Gallon Spider Lily	3.41	
02832-1592 EA 3 Gallon Spider Lily	9.10	
02832-1593 EA 1 Quart St. John's Wort	2.20	
02832-1594 EA 1 Gallon St. John's Wort	5.28	
02832-1595 EA 5 Gallon St. John's Wort	13.64	
02832-1596 EA 24" To 30" High Sweet Viburnum	18.56	
02832-1597 EA 1 Gallon Trumpet Creeper	8.07	
02832-1598 EA 2 Gallon Trumpet Creeper	12.17	
02832-1599 EA 5 Gallon Trumpet Creeper	29.33	
02832-1600 EA 1 Gallon Variegated Cord Grass	6.23	
02832-1601 EA 2 Gallon Variegated Cord Grass	10.12	
02832-1602 EA 2-1/4" Pot Variegated Greater Periwinkle	0.73	
02832-1603 EA 4" Pot Variegated Greater Periwinkle	2.20	
02832-1604 EA Bare Root Variegated Greater Periwinkle	0.73	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1605	EA	1 Quart Variegated Japanese Sedge.....	3.96	
02832-1606	EA	1 Gallon Variegated Japanese Sedge.....	5.50	
02832-1607	EA	2 Gallon Variegated Japanese Sedge.....	8.58	
02832-1608	EA	1 Gallon Variegated Liriope.....	6.01	
02832-1609	EA	2 Quart Verbena peruviana "St. Paul".....	2.79	
02832-1610	EA	1 Gallon Verbena peruviana "St. Paul".....	4.25	
02832-1611	EA	48 Plant Flat Vinca Minor.....	26.14	
02832-1612	EA	3" Pot Virginia Creeper.....	1.32	
02832-1613	EA	1 Gallon Virginia Creeper.....	6.89	
02832-1614	EA	1 Gallon Winter Jasmine.....	5.28	
02832-1615	EA	2 Gallon Winter Jasmine.....	10.56	
02832-1616	EA	5 Gallon Winter Jasmine.....	18.33	
02832-1617	EA	1 Gallon Winkleleaf Rock Rose.....	4.25	
02832-1618	EA	5 Gallon Winkleleaf Rock Rose.....	14.52	
02832-1619	EA	1 Gallon Zebra Grass.....	8.58	
02832-1620	EA	3 Gallon Zebra Grass.....	14.81	
02832-1621	EA	5 Gallon Zebra Grass.....	19.51	

02832-1622**Flowers** (02832)**02832-1623****Perennials** (02832-1622)

02832-1624	EA	2 Quart Assorted Daylilies.....	4.25	
02832-1625	EA	1 Gallon Assorted Daylilies.....	6.01	
02832-1626	EA	2 Gallon Assorted Daylilies.....	9.97	
02832-1627	EA	1 Quart Azure Penstemon.....	2.20	
02832-1628	EA	1 Gallon Azure Penstemon.....	5.50	
02832-1629	EA	1 Quart Balloon Flower.....	2.20	
02832-1630	EA	1 Gallon Balloon Flower.....	5.50	
02832-1631	EA	1 Quart Black-eyed Susan.....	2.20	
02832-1632	EA	1 Gallon Black-eyed Susan.....	5.50	
02832-1633	EA	2 Gallon Black-eyed Susan.....	7.11	
02832-1634	EA	1 Quart Blackberry Lily.....	2.20	
02832-1635	EA	1 Gallon Blackberry Lily.....	5.50	
02832-1636	EA	1 Quart Blank Flower.....	2.20	
02832-1637	EA	1 Gallon Blank Flower.....	5.06	
02832-1638	EA	2 Gallon Blank Flower.....	7.11	
02832-1639	EA	1 Quart Blazing Star, Gayfeather.....	2.20	
02832-1640	EA	1 Gallon Blazing Star, Gayfeather.....	5.50	
02832-1641	EA	1 Quart Bloodred Geranium.....	3.74	
02832-1642	EA	1 Gallon Bloodred Geranium.....	6.31	
02832-1643	EA	1 Quart Blue Plumbago.....	2.20	
02832-1644	EA	1 Gallon Blue Plumbago.....	5.50	
02832-1645	EA	1 Quart Blue Star.....	3.96	
02832-1646	EA	1 Gallon Blue Star.....	6.31	
02832-1647	EA	1 Quart Cardinal Flower.....	2.20	
02832-1648	EA	1 Gallon Cardinal Flower.....	5.50	
02832-1649	EA	4" Pot Columbine.....	1.32	
02832-1650	EA	1 Quart Columbine.....	2.20	
02832-1651	EA	1 Gallon Columbine.....	5.50	
02832-1652	EA	1 Quart Common Globeflower.....	2.20	
02832-1653	EA	1 Gallon Common Globeflower.....	5.50	
02832-1654	EA	1 Quart Cottage Pink, Scotch Pink.....	2.20	
02832-1655	EA	1 Quart Cottage Pink, Scotch Pink.....	5.50	
02832-1656	EA	1 Gallon Astilbe "Deutschland".....	7.92	
02832-1657	EA	1 Quart Diploid.....	2.79	
02832-1658	EA	1 Gallon Diploid.....	6.31	
02832-1659	EA	3 Gallon Diploid.....	10.85	
02832-1660	EA	4" Pot Dune Sunflower.....	3.14	
02832-1661	EA	1 Quart Evans Begonia.....	3.96	
02832-1662	EA	1 Gallon Evans Begonia.....	7.11	
02832-1663	EA	1 Quart False Dragonhead.....	2.20	
02832-1664	EA	1 Gallon False Dragonhead.....	5.50	
02832-1665	EA	1 Quart False Spirea.....	2.20	
02832-1666	EA	1 Gallon False Spirea.....	7.11	
02832-1667	EA	3 Gallon False Spirea.....	9.83	
02832-1668	EA	2 Quart False Sunflower.....	3.52	
02832-1669	EA	1 Gallon False Sunflower.....	5.50	
02832-1670	EA	2 Gallon False Sunflower.....	7.11	
02832-1671	EA	1 Gallon Foxglove.....	5.06	
02832-1672	EA	2 Gallon Foxglove.....	7.11	
02832-1673	EA	3 Gallon Foxglove.....	10.27	
02832-1674	EA	1 Gallon Francee Hostas.....	8.91	
02832-1675	EA	1 Quart Garden Phlox.....	2.20	
02832-1676	EA	1 Gallon Garden Phlox.....	5.50	
02832-1677	EA	2 Quart Golden Groundsel.....	4.69	
02832-1678	EA	2 Gallon Golden Groundsel.....	9.46	
02832-1679	EA	1 Quart Golden Star.....	2.20	
02832-1680	EA	1 Gallon Golden Star.....	5.50	
02832-1681	EA	1 Quart Goldenrod.....	2.20	
02832-1682	EA	1 Gallon Goldenrod.....	5.50	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1683	EA	1 Gallon Happy Returns Daylillies	10.24	
02832-1684	EA	4" Pot Hardy Aster, Michaelmas Daisy	1.32	
02832-1685	EA	1 Quart Hardy Aster, Michaelmas Daisy	2.20	
02832-1686	EA	1 Gallon Hardy Aster, Michaelmas Daisy	5.50	
02832-1687	EA	1 Quart Hardy Chrysanthemum	1.91	
02832-1688	EA	6" To 8" Pot Hardy Chrysanthemum	3.15	
02832-1689	EA	1 Gallon Hardy Chrysanthemum	5.06	
02832-1690	EA	1 Gallon Herbaceous Peony	7.85	
02832-1691	EA	2 Gallon Herbaceous Peony	12.54	
02832-1692	EA	3 Gallon Herbaceous Peony	16.50	
02832-1693	EA	4" Pot Japanese Anemone	1.32	
02832-1694	EA	1 Quart Japanese Anemone	3.96	
02832-1695	EA	2 Gallon Japanese Anemone	7.11	
02832-1696	EA	2" Pot Japanese Spurge	0.78	
02832-1697	EA	6" Pot Japanese Spurge	1.17	
02832-1698	EA	1 Gallon Japanese Spurge	5.05	
02832-1699	EA	1 Quart Oriental Poppy	3.15	
02832-1700	EA	1 Gallon Oriental Poppy	6.31	
02832-1701	EA	48 Plant Flat Pachysandra terminalis	26.14	
02832-1702	EA	1 Gallon Pacific Coast Iris	4.33	
02832-1703	EA	3 Gallon Pacific Coast Iris	8.21	
02832-1704	EA	1 Gallon Palace Purple Coral Bells	8.33	
02832-1705	EA	4" Pot Perennial Salvia	1.32	
02832-1706	EA	1 Quart Perennial Salvia	2.20	
02832-1707	EA	1 Gallon Perennial Salvia	5.50	
02832-1708	EA	1 Quart Pincushion Flower	2.20	
02832-1709	EA	1 Gallon Pincushion Flower	5.50	
02832-1710	EA	2 Quart Plantain Lily	4.25	
02832-1711	EA	1 Gallon Plantain Lily	6.01	
02832-1712	EA	2 Gallon Plantain Lily	9.97	
02832-1713	EA	3 Gallon Plantain Lily	18.85	
02832-1714	EA	2 Quart Purple Coneflower	3.96	
02832-1715	EA	1 Gallon Purple Coneflower	5.50	
02832-1716	EA	2 Gallon Purple Coneflower	7.11	
02832-1717	EA	1 Quart Purple Loosestrife	2.20	
02832-1718	EA	1 Gallon Purple Loosestrife	5.50	
02832-1719	EA	1 Quart Rose Mallow	4.33	
02832-1720	EA	2 Gallon Rose Mallow	7.85	
02832-1721	EA	3 Gallon Rose Mallow	13.42	
02832-1722	EA	1 Gallon Autumn Joy Sedum	8.39	
02832-1723	EA	1 Quart Siberian Iris	3.74	
02832-1724	EA	2 Gallon Siberian Iris	7.11	
02832-1725	EA	3 Gallon Siberian Iris	9.83	
02832-1726	EA	1 Quart Speedwell	2.20	
02832-1727	EA	1 Gallon Speedwell	5.50	
02832-1728	EA	1 Quart Tetraploid	5.50	
02832-1729	EA	1 Gallon Tetraploid	10.27	
02832-1730	EA	3 Gallon Tetraploid	14.01	
02832-1731	EA	1 Quart Threadleaf Coreopsis	2.20	
02832-1732	EA	1 Gallon Threadleaf Coreopsis	5.50	
02832-1733	EA	1 Quart Torch Lily	2.20	
02832-1734	EA	1 Quart Bluebeard	3.96	
02832-1735	EA	1 Gallon Bluebeard	5.87	
02832-1736	EA	2 Gallon Bluebeard	8.58	
02832-1737		Annuals (02832-1622)		
02832-1738	EA	2-1/2" Pot Annual Flowers	1.02	
02832-1739	EA	3" Pot Annual Flowers	1.38	
02832-1740	EA	4" Pot Annual Flowers	2.95	
02832-1741	EA	5-1/2" Pot Annual Flowers	3.92	
02832-1742	EA	6" Pot Annual Flowers	7.77	
02832-1743	EA	8" Pot Annual Flowers	12.95	
02832-1744	EA	36 Plant Flat Annual Flowers	16.96	
02832-1745	EA	48 Plant Flat Annual Flowers	19.23	
02832-1746		Bulbs (02832-1622)		
02832-1747	EA	Top Size Allium giganteum - Giant Ornamental Onion	3.55	
02832-1748	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.20	
02832-1749	LOT	Lot Of 100 Top Size Crocus Hybrid	23.21	
02832-1750	LOT	Lot Of 100 Top Size Eranthis hyemalis - Winter Aconite	30.03	
02832-1751	LOT	Lot Of 100 Top Size Galanthus nivalis - Snowdrops	38.23	
02832-1752	LOT	Lot Of 100 Top Size Iris reticulata cvs - Dutch Iris	15.02	
02832-1753	LOT	Lot Of 100 Top Size Muscari armeniacum - Grape Hyacinth	17.75	
02832-1754	LOT	Lot Of 100 Top Size Muscari latifolium - Grape Hyacinth	20.48	
02832-1755	LOT	Lot Of 50 Narcissus 'Carlton' - Carlton Daffodil DNI	61.43	
02832-1756	LOT	Lot Of 50 Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	29.35	
02832-1757	LOT	Lot Of 50 Narcissus 'February Gold' - February Gold Daffodil DNI	30.72	
02832-1758	LOT	Lot Of 50 Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	30.72	
02832-1759	LOT	Lot Of 50 Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	32.08	

02000 Site Construction**02800 Landscaping****02832 Plants, Trees, Shrubs And Ground Cover**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02832-1760	LOT	Lot Of 50 Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	34.13	
02832-1761	LOT	Lot Of 50 Narcissus 'Pipit' - Pipit Daffodil DNI.....	32.08	
02832-1762	LOT	Lot Of 50 Narcissus 'Salome' - Salome Daffodil DNI	30.03	
02832-1763	LOT	Lot Of 50 Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	32.08	
02832-1764	LOT	Lot Of 50 Narcissus 'Thalia' - Thalia Daffodil DNI.....	32.08	
02832-1765	LOT	Lot Of 100 Top Size Scilla siberica - Siberian Squill	19.11	
02832-1766	LOT	Lot Of 60 Top Size Tulip 'Angelique' - Angelique Tulip	32.77	
02832-1767	LOT	Lot Of 60 Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	24.57	
02832-1768	LOT	Lot Of 100 Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip.....	54.61	
02832-1769	LOT	Lot Of 100 Top Size Tulip 'Big Smile' - Big Smile Tulip.....	47.78	
02832-1770	LOT	Lot Of 100 Top Size Tulip 'Black Parrot' - Black Parrot Tulip	68.26	
02832-1771	LOT	Lot Of 100 Top Size Tulip 'Blue Heron' - Blue Heron Tulip	51.88	
02832-1772	LOT	Lot Of 100 Top Size Tulip 'Cardinal' - Cardinal Tulip	45.05	
02832-1773	LOT	Lot Of 100 Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	50.51	
02832-1774	LOT	Lot Of 100 Top Size Tulip clusiana - Species Tulip	50.51	
02832-1775	LOT	Lot Of 60 Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip.....	30.31	
02832-1776	LOT	Lot Of 60 Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	24.57	
02832-1777	LOT	Lot Of 60 Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip.....	23.75	
02832-1778	LOT	Lot Of 100 Top Size Tulip 'Halcro' - Halcro Tulip	40.96	
02832-1779	LOT	Lot Of 60 Top Size Tulip 'Ivory Floridale' - Ivory FloridaleTulip.....	40.96	
02832-1780	LOT	Lot Of 60 Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip.....	24.57	
02832-1781	LOT	Lot Of 100 Top Size Tulip 'Passionale' - Passionale Tulip	54.61	
02832-1782	LOT	Lot Of 60 Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	35.22	
02832-1783	LOT	Lot Of 100 Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip.....	61.43	
02832-1784	LOT	Lot Of 100 Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip.....	49.15	
02832-1785	LOT	Lot Of 60 Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip.....	27.85	
02832-1786	LOT	Lot Of 60 Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip.....	30.31	
02832-1787	LOT	Lot Of 60 Top Size Tulip 'Princeps' - Princeps Tulip	30.31	
02832-1788	LOT	Lot Of 100 Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip.....	39.59	
02832-1789	LOT	Lot Of 100 Top Size Tulip saxatilis - Species Tulip	27.30	
02832-1790	LOT	Lot Of 100 Top Size Tulip 'Shirley' - Shirley Tulip	40.96	
02832-1791	LOT	Lot Of 100 Top Size Tulip 'Spring Green' - Spring Green Tulip	53.24	
02832-1792	LOT	Lot Of 60 Top Size Tulip 'White Emperor' - White Emperor Tulip	24.57	

02840 Landscape Maintenance (02800)

Note: These tasks are to be used as requested by the owner to maintain existing conditions and for extended watering period for lawns, plants and trees.

02840-0001 Maintenance Activities (02840)**02840-0002 Hedge Trimming (02840-0001)**

02840-0003	LF	Trim 0-5' High Hedge, 0-3' Wide	4.25
02840-0004	LF	Trim 0-5' High Hedge, 4-6' Wide	6.38
02840-0005	LF	Trim 5-10' High Hedge, 0-3' Wide	9.66
02840-0006	LF	Trim 5-10' High Hedge, 4-6' Wide	9.84

02840-0007 Fence Line Clearing (02840-0001)

02840-0008	LF	Fence Line Clearing, Light Area.....	2.00
02840-0009	LF	Fence Line Clearing, Medium Area.....	5.23
02840-0010	LF	Fence Line Clearing, Rough Areas.....	9.36

02840-0011 Fertilization/Pesticides (02840-0001)

02840-0012	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	11.21
02840-0013	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid).....	8.07
02840-0014	MSF	Pesticide - Surface Eating.....	8.43
02840-0015	MSF	Pesticide - Subsurface Eating.....	8.47
02840-0016	MSF	Pesticide - Fungicide Application	9.20
02840-0017	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular).....	8.86
02840-0018	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid).....	7.23

02840-0019 Grass Cutting (02840-0001)

02840-0020	ACR	Grass Cutting.....	138.78
Note: Includes normal debris removal, cutting, trimming and disposal of waste.			
02MOD-0504 For < 1 Acre, Add			34.70

02840-0021 Turf And Fence Spray (02840-0001)

02840-0022	ACR	Turf Spray, Machine.....	297.55
02840-0023	CLF	Fence Spray, Hand	38.25

02840-0024 Plant Growth Regulator Application (02840-0001)

02840-0025	EA	Plant Growth Regulator Application	4.85
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02840-0026 Beds, Flower And Ground Cover (02840-0001)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02840-0027	MSF Weed Mulched Bed	32.17
02840-0028	MSF Weed Unmulched Bed.....	91.93
02840-0029	MSF Cultivate Bed	49.50

02840-0030 Watering Lawns, Plants And Trees (02840-0001)

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

02840-0031	MSF Watering Sod/Grass, Per Inch Of Water	27.14
02840-0032	CSF Watering Groundcover.....	4.41
02840-0033	CSF Watering Annuals And Perennials	8.11
02840-0034	EA Watering Trees, 1" To 5" Diameter By Hand	8.19
02840-0035	EA Watering Trees, 6" To 12" Diameter By Hand	10.93
02840-0036	EA Watering Trees, 13" To 18" Diameter By Hand	13.83
02840-0037	EA Watering Trees, > 18" Diameter By Hand.....	16.40
02840-0038	EA Watering Shrub Or Bush By Hand.....	7.15

02840-0039 Individual Tree And Stump Removal (02840)

Note: Individual tree removal tasks exclude stump removal or grinding. Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation.

02840-0040	EA Up To 6" Diameter Stump Removal.....	75.42
	Note: Includes excavation necessary to remove stump and loading.	
02840-0041	EA > 6" To 12" Diameter Stump Removal	144.54
	Note: Includes excavation necessary to remove stump and loading.	
02840-0042	EA > 12" To 24" Diameter Stump Removal	188.53
	Note: Includes excavation necessary to remove stump and loading.	
02840-0043	EA > 24" To 36" Diameter Stump Removal	282.81
	Note: Includes excavation necessary to remove stump and loading.	
02840-0044	EA > 36" To 48" Diameter Stump Removal	333.09
	Note: Includes excavation necessary to remove stump and loading.	
02840-0045	EA Up To 6" Diameter Stump Removal By Hand	464.82
	Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
02840-0046	EA > 6" To 12" Diameter Stump Removal By Hand	581.02
	Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
02840-0047	EA > 12" To 24" Diameter Stump Removal By Hand	852.17
	Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
02840-0048	EA > 24" To 36" Diameter Stump Removal By Hand	1,162.04
	Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
02840-0049	EA > 36" To 48" Diameter Stump Removal By Hand	1,549.38
	Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
02840-0050	EA Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal.....	441.10
	Note: Includes cutting up tree, chipping and loading.	
02840-0051	EA > 6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	661.66
	Note: Includes cutting up tree, chipping and loading.	
02840-0052	EA > 12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal	882.21
	Note: Includes cutting up tree, chipping and loading.	
02840-0053	EA > 24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal	1,323.31
	Note: Includes cutting up tree, chipping and loading.	
02840-0054	EA > 36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal	1,764.42
	Note: Includes cutting up tree, chipping and loading.	

02840-0055 Stump Grinding (02840)

Note: Measured by diameter of stump.

02840-0056 Stump Grinding, 18" Deep Below Surface Of Soil (02840-0056)

Note: Level soil to match existing surface area.

02840-0057	EA Stump Grinding Up To 6" Tree	85.93
02840-0058	EA Stump Grinding >6" To 12" Tree.....	114.57
02840-0059	EA Stump Grinding >12" To 15" Tree.....	128.89
02840-0060	EA Stump Grinding >15" To 18" Tree.....	143.21
02840-0061	EA Stump Grinding >18" To 21" Tree.....	153.95
02840-0062	EA Stump Grinding >21" To 24" Tree.....	164.70
02840-0063	EA Stump Grinding >24" To 27" Tree.....	179.02
02840-0064	EA Stump Grinding >27" To 30" Tree.....	194.33
02840-0065	EA Stump Grinding >30" To 33" Tree.....	215.93
02840-0066	EA Stump Grinding >33" To 36" Tree.....	230.33
02840-0067	EA Stump Grinding >36" To 42" Tree.....	259.11
02840-0068	EA Stump Grinding >42" To 48" Tree.....	287.91

02840-0069 Tree Pruning (02840)

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

02840-0070	EA Tree Pruning (Crown Cleaning), 1-1/2" Caliper.....	9.77
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	2.20
	02MOD-0506 For Crown Raising, Pruning, Add	3.42
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	4.40
	02MOD-0508 For Crown Restoration, Pruning, Add	6.51
02840-0071	EA Tree Pruning (Crown Cleaning), 2" Caliper.....	7.23
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	1.63
	02MOD-0506 For Crown Raising, Pruning, Add	2.53
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	3.25
	02MOD-0508 For Crown Restoration, Pruning, Add	4.82
02840-0072	EA Tree Pruning (Crown Cleaning), 2-1/2" Caliper.....	10.51
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	2.36
	02MOD-0506 For Crown Raising, Pruning, Add	3.68
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	4.73
	02MOD-0508 For Crown Restoration, Pruning, Add	7.01
02840-0073	EA Tree Pruning (Crown Cleaning), 3" Caliper.....	17.74
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	3.99
	02MOD-0506 For Crown Raising, Pruning, Add	6.21
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	7.98
	02MOD-0508 For Crown Restoration, Pruning, Add	11.83
02840-0074	EA Tree Pruning (Crown Cleaning), 4" Caliper, By Hand.....	49.92
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	11.23
	02MOD-0506 For Crown Raising, Pruning, Add	17.47
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	22.46
	02MOD-0508 For Crown Restoration, Pruning, Add	33.28
02840-0075	EA Tree Pruning (Crown Cleaning), 4" Caliper, Aerial Lift Equipment.....	82.62
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	18.59
	02MOD-0506 For Crown Raising, Pruning, Add	28.92
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	37.18
	02MOD-0508 For Crown Restoration, Pruning, Add	55.08
02840-0076	EA Tree Pruning (Crown Cleaning), 6" Caliper, By Hand.....	87.37
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	19.66
	02MOD-0506 For Crown Raising, Pruning, Add	30.58
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	39.32
	02MOD-0508 For Crown Restoration, Pruning, Add	58.25
02840-0077	EA Tree Pruning (Crown Cleaning), 6" Caliper, Aerial Lift Equipment.....	157.35
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	35.40
	02MOD-0506 For Crown Raising, Pruning, Add	55.07
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	70.81
	02MOD-0508 For Crown Restoration, Pruning, Add	104.91
02840-0078	EA Tree Pruning (Crown Cleaning), 9" Caliper, By Hand.....	139.90
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	31.48
	02MOD-0506 For Crown Raising, Pruning, Add	48.97
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	62.96
	02MOD-0508 For Crown Restoration, Pruning, Add	93.27
02840-0079	EA Tree Pruning (Crown Cleaning), 9" Caliper, Aerial Lift Equipment.....	251.70
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	56.63
	02MOD-0506 For Crown Raising, Pruning, Add	88.10
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	113.27
	02MOD-0508 For Crown Restoration, Pruning, Add	167.81
02840-0080	EA Tree Pruning (Crown Cleaning), 12" Caliper, By Hand.....	161.65
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	36.37
	02MOD-0506 For Crown Raising, Pruning, Add	56.58
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	72.74
	02MOD-0508 For Crown Restoration, Pruning, Add	107.77
02840-0081	EA Tree Pruning (Crown Cleaning), 12" Caliper, Aerial Lift Equipment.....	291.07
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	65.49
	02MOD-0506 For Crown Raising, Pruning, Add	101.87
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	130.98
	02MOD-0508 For Crown Restoration, Pruning, Add	194.06
02840-0082	EA Tree Pruning (Crown Cleaning), 18" Caliper By Hand.....	187.92
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	42.28
	02MOD-0506 For Crown Raising, Pruning, Add	65.77
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	84.56
	02MOD-0508 For Crown Restoration, Pruning, Add	125.29
02840-0083	EA Tree Pruning (Crown Cleaning), 18" Caliper By Hand, Aerial Lift Equipment.....	338.27
	02MOD-0505 For Crown Thinning, Tree Pruning, Add	76.11
	02MOD-0506 For Crown Raising, Pruning, Add	118.39
	02MOD-0507 For Crown Reduction, Tree Pruning, Add	152.22
	02MOD-0508 For Crown Restoration, Pruning, Add	225.52



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02840-0084 EA Tree Pruning (Crown Cleaning), 24" Caliper, By Hand	228.75	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	51.47	
02MOD-0506 For Crown Raising, Pruning, Add	80.06	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	102.94	
02MOD-0508 For Crown Restoration, Pruning, Add	152.51	
02840-0085 EA Tree Pruning (Crown Cleaning), 24" Caliper, Aerial Lift Equipment.....	409.14	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	92.06	
02MOD-0506 For Crown Raising, Pruning, Add	143.20	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	184.11	
02MOD-0508 For Crown Restoration, Pruning, Add	272.77	
02840-0086 EA Tree Pruning (Crown Cleaning), 30" Caliper, By Hand	284.15	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	63.93	
02MOD-0506 For Crown Raising, Pruning, Add	99.45	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	127.87	
02MOD-0508 For Crown Restoration, Pruning, Add	189.44	
02840-0087 EA Tree Pruning (Crown Cleaning), 30" Caliper, Aerial Lift Equipment.....	515.64	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	116.02	
02MOD-0506 For Crown Raising, Pruning, Add	180.47	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	232.04	
02MOD-0508 For Crown Restoration, Pruning, Add	343.78	
02840-0088 EA Tree Pruning (Crown Cleaning), 36" Caliper, By Hand	389.20	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	87.57	
02MOD-0506 For Crown Raising, Pruning, Add	136.22	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	175.14	
02MOD-0508 For Crown Restoration, Pruning, Add	259.48	
02840-0089 EA Tree Pruning (Crown Cleaning), 36" Caliper, Aerial Lift Equipment.....	698.87	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	157.25	
02MOD-0506 For Crown Raising, Pruning, Add	244.60	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	314.49	
02MOD-0508 For Crown Restoration, Pruning, Add	465.94	
02840-0090 EA Tree Pruning (Crown Cleaning), 48" Caliper, By Hand	617.45	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	138.93	
02MOD-0506 For Crown Raising, Pruning, Add	216.11	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	277.85	
02MOD-0508 For Crown Restoration, Pruning, Add	411.65	
02840-0091 EA Tree Pruning (Crown Cleaning), 48" Caliper, Aerial Lift Equipment.....	1,123.89	
02MOD-0505 For Crown Thinning, Tree Pruning, Add	252.88	
02MOD-0506 For Crown Raising, Pruning, Add	393.36	
02MOD-0507 For Crown Reduction, Tree Pruning, Add	505.75	
02MOD-0508 For Crown Restoration, Pruning, Add	749.30	
02840-0092 EA Trim Mexican Palm Tree	69.65	
02840-0093 EA Trim Date Palm Tree	157.17	
02840-0094 LF Skin Palm Tree	17.86	

02840-0095 Tree Trimming For Pole Line Construction And Maintenance (02840)

Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

02840-0096 LF Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.47
02840-0097 LF Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.21
02840-0098 LF Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	2.59

02840-0099 Shrub Pruning (02840)

02840-0100 MSF Shrub Pruning, Prune, Shrub Bed	74.86
02840-0101 EA Shrub Pruning, Prune, Shrub Under 3' Height	2.63
02840-0102 EA Shrub Pruning, Prune, Shrub 4' Height	5.91
02840-0103 EA Shrub Pruning, Prune, Shrub Over 6'	10.51
02840-0104 EA Shrub Pruning, Prune Trees From Ground	26.28
02840-0105 EA Shrub Pruning, Prune Trees From Ground, High Work	65.69

02840-0106 Shrub Removal, Dig And Lace (02840)

02840-0107 EA Remove 18" To 24" Shrub, Broadleaf Evergreen	32.78
02840-0108 EA Remove 2' To 3' Shrub, Broadleaf Evergreen	51.41
02840-0109 EA Remove 3' To 4' Shrub, Broadleaf Evergreen	59.60
02840-0110 EA Remove 4' To 5' Shrub, Broadleaf Evergreen	89.41
02840-0111 EA Remove 12" To 15" Shrub, Deciduous	16.39
02840-0112 EA Remove 18" To 24" Shrub, Deciduous	25.33
02840-0113 EA Remove 2' To 3' Shrub, Deciduous	32.79
02840-0114 EA Remove 3' To 4' Shrub, Deciduous	35.76
02840-0115 EA Remove 18" To 24" Shrub, Evergreen	32.78
02840-0116 EA Remove 24" To 30" Shrub, Evergreen	35.76
02840-0117 EA Remove 30" To 36" Shrub, Evergreen	51.41
02840-0118 EA Remove 36" To 42" Shrub, Evergreen	89.40

02845 Planting Accessories (02840)

02845-0001 Landscape Edging (02845)

Note: Includes stakes.

02000 Site Construction**02800 Landscaping****02845 Planting Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02845-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top.....	3.30	0.82
		02MOD-0578 For > 2,000 To 5,000 LF, Deduct	-0.17	
		02MOD-0579 For > 5,000 LF, Deduct	-0.33	
02845-0003	LF	5" Polyethylene Landscape Edging With Round Top.....	2.16	0.82
		02MOD-0578 For > 2,000 To 5,000 LF, Deduct	-0.05	
		02MOD-0579 For > 5,000 LF, Deduct	-0.10	
02845-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top.....	2.19	0.82
		02MOD-0578 For > 2,000 To 5,000 LF, Deduct	-0.06	
		02MOD-0579 For > 5,000 LF, Deduct	-0.11	
02845-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top.....	2.21	0.82
		02MOD-0578 For > 2,000 To 5,000 LF, Deduct	-0.06	
		02MOD-0579 For > 5,000 LF, Deduct	-0.11	
02845-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	6.02	1.95
		02MOD-0580 For > 1,000 LF, Deduct	-0.53	
02845-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	6.46	1.95
		02MOD-0580 For > 1,000 LF, Deduct	-0.64	
02845-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging.....	6.49	1.95
		02MOD-0580 For > 1,000 LF, Deduct	-0.65	
02845-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	7.28	2.02
		02MOD-0580 For > 1,000 LF, Deduct	-0.82	
02845-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	7.82	2.02
		02MOD-0580 For > 1,000 LF, Deduct	-0.96	
02845-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging.....	7.81	2.02
		02MOD-0580 For > 1,000 LF, Deduct	-0.95	
02845-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	6.66	2.08
		02MOD-0580 For > 1,000 LF, Deduct	-0.64	
02845-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	7.26	2.08
		02MOD-0580 For > 1,000 LF, Deduct	-0.79	
02845-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging.....	7.32	2.08
		02MOD-0580 For > 1,000 LF, Deduct	-0.81	
02845-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging.....	8.12	2.15
		02MOD-0580 For > 1,000 LF, Deduct	-0.97	
02845-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	8.72	2.15
		02MOD-0580 For > 1,000 LF, Deduct	-1.12	
02845-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging.....	8.77	2.15
		02MOD-0580 For > 1,000 LF, Deduct	-1.14	
02845-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging	6.36	2.02
		02MOD-0580 For > 1,000 LF, Deduct	-0.58	
02845-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging	7.24	2.02
		02MOD-0580 For > 1,000 LF, Deduct	-0.80	
02845-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging	9.61	2.02
		02MOD-0580 For > 1,000 LF, Deduct	-1.40	
02845-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	5.06	1.95
02845-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	5.59	1.95
02845-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board).....	6.05	1.95
02845-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	6.15	1.95
02845-0025	LF	4-1/2" x 12" Granite Edging.....	25.02	8.35
02845-0026	LF	2" x 8" x 16" Precast Scallops, Green	3.76	1.28
02845-0027	LF	2" x 8" x 16" Precast Scallops, Other Than Green	3.52	1.28
02845-0028	LF	Brick, Set Horizontally, 1-1/2 Per LF	3.59	1.41
02845-0029	LF	Brick, Set Horizontally, 3 Per LF	9.27	3.85
02845-0030	LF	"V" Trenching By Machine, 4" Deep x 4" Wide	1.64	

02845-0031 Landscape Timbers (02845)

Note: Includes stakes.

02845-0032	LF	1" x 4" Redwood Edging	3.13	1.09
02845-0033	LF	2" x 4" Redwood Edging	4.33	1.65
02845-0034	LF	4" x 6" Pressure Treated Hardwood.....	5.50	2.20
02845-0035	LF	6" x 6" Pressure Treated Hardwood.....	7.05	2.74
02845-0036	LF	6" x 8" Pressure Treated Hardwood.....	8.26	3.23
02845-0037	LF	1" x 4" Pressure Treated Pine.....	2.39	1.09
02845-0038	LF	2" x 4" Pressure Treated Pine.....	3.59	1.65
02845-0039	LF	4" x 6" Pressure Treated Pine.....	5.24	2.12
02845-0040	LF	6" x 6" Pressure Treated Pine.....	7.02	2.74
02845-0041	LF	6" x 8" Pressure Treated Pine.....	8.48	3.23
02845-0042	LF	6" x 8" Railroad Ties	8.71	2.97
02845-0043	LF	7" x 9" Railroad Ties	10.52	3.73

02950 Site Restoration And Rehabilitation (02000)**02951 CCTV Inspection Of Pipe Interior** (02950)

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

02951-0001 Video Camera Inspection Of Pipe Interior And Culverts (02951)**02951-0002 Video Camera Set-up** (02951-0001)

02951-0003	EA	Initial Set Up For Video Camera Inspection, Up To 12" Diameter Pipe Or Culvert	613.74	
02951-0004	EA	Initial Set Up For Video Camera Inspection, >12" To 36" Diameter Pipe Or Culvert	1,227.49	
02951-0005	EA	Initial Set Up For Video Camera Inspection, > 36" Diameter Pipe Or Culvert.....	1,841.23	
02951-0006	EA	Re-Set Up/Move For Video Camera Inspection, Up To 12" Diameter Pipe Or Culvert	306.87	
02951-0007	EA	Re-Set Up/Move For Video Camera Inspection, >12" To 36" Diameter Pipe Or Culvert	613.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02951-0008 EA Re-Set Up/Move For Video Camera Inspection, > 36" Diameter Pipe Or Culvert.....	920.62	
02951-0009 Video Camera Planning And Analysis Inspection (02951-0001)		
Note: For pipe interior and culverts.		
02951-0010 LF 4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase.....	1.56	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.16	
02MOD-0510 For > 1000 To 5000, Deduct	-0.39	
02MOD-0511 For > 5000, Deduct	-0.55	
02951-0011 LF >6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase.....	2.07	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.21	
02MOD-0510 For > 1000 To 5000, Deduct	-0.52	
02MOD-0511 For > 5000, Deduct	-0.72	
02951-0012 LF >12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase.....	2.59	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.26	
02MOD-0510 For > 1000 To 5000, Deduct	-0.65	
02MOD-0511 For > 5000, Deduct	-0.91	
02951-0013 LF >21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase.....	3.45	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.35	
02MOD-0510 For > 1000 To 5000, Deduct	-0.86	
02MOD-0511 For > 5000, Deduct	-1.21	
02951-0014 LF >30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase.....	4.86	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.49	
02MOD-0510 For > 1000 To 5000, Deduct	-1.22	
02MOD-0511 For > 5000, Deduct	-1.70	
02951-0015 LF >42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase.....	6.48	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.65	
02MOD-0510 For > 1000 To 5000, Deduct	-1.62	
02MOD-0511 For > 5000, Deduct	-2.27	
02951-0016 LF >60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase.....	9.16	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.92	
02MOD-0510 For > 1000 To 5000, Deduct	-2.29	
02MOD-0511 For > 5000, Deduct	-3.21	
02951-0017 LF >72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase.....	12.97	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-1.30	
02MOD-0510 For > 1000 To 5000, Deduct	-3.24	
02MOD-0511 For > 5000, Deduct	-4.54	
02951-0018 Video Camera Pre-Rehab For Pipe Interior And Culverts (02951-0001)		
02951-0019 LF 4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	2.31	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.23	
02MOD-0510 For > 1000 To 5000, Deduct	-0.58	
02MOD-0511 For > 5000, Deduct	-0.81	
02951-0020 LF >6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.07	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.31	
02MOD-0510 For > 1000 To 5000, Deduct	-0.77	
02MOD-0511 For > 5000, Deduct	-1.07	
02951-0021 LF >12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.84	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.38	
02MOD-0510 For > 1000 To 5000, Deduct	-0.96	
02MOD-0511 For > 5000, Deduct	-1.34	
02951-0022 LF >21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.12	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.51	
02MOD-0510 For > 1000 To 5000, Deduct	-1.28	
02MOD-0511 For > 5000, Deduct	-1.79	
02951-0023 LF >30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	7.19	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.72	
02MOD-0510 For > 1000 To 5000, Deduct	-1.80	
02MOD-0511 For > 5000, Deduct	-2.52	
02951-0024 LF >42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	9.59	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-0.96	
02MOD-0510 For > 1000 To 5000, Deduct	-2.40	
02MOD-0511 For > 5000, Deduct	-3.36	
02951-0025 LF >60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	13.54	
Note: CCTV inspection of pipe interior.		
02MOD-0509 For > 500 To 1000, Deduct	-1.35	
02MOD-0510 For > 1000 To 5000, Deduct	-3.39	
02MOD-0511 For > 5000, Deduct	-4.74	

02000 Site Construction
02950 Site Restoration And Rehabilitation
02951 CCTV Inspection Of Pipe Interior



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02951-0026	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	19.18	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-1.92	
	02MOD-0510	For > 1000 To 5000, Deduct	-4.80	
	02MOD-0511	For > 5000, Deduct	-6.71	
02951-0027		Video Camera Post-Rehab For Pipe Interior And Culverts (02951-0001)		
02951-0028	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	1.64	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.16	
	02MOD-0510	For > 1000 To 5000, Deduct	-0.41	
	02MOD-0511	For > 5000, Deduct	-0.57	
02951-0029	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	2.20	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.22	
	02MOD-0510	For > 1000 To 5000, Deduct	-0.55	
	02MOD-0511	For > 5000, Deduct	-0.77	
02951-0030	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	2.74	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.27	
	02MOD-0510	For > 1000 To 5000, Deduct	-0.69	
	02MOD-0511	For > 5000, Deduct	-0.96	
02951-0031	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	3.66	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.37	
	02MOD-0510	For > 1000 To 5000, Deduct	-0.92	
	02MOD-0511	For > 5000, Deduct	-1.28	
02951-0032	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	5.13	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.51	
	02MOD-0510	For > 1000 To 5000, Deduct	-1.28	
	02MOD-0511	For > 5000, Deduct	-1.80	
02951-0033	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	6.85	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.69	
	02MOD-0510	For > 1000 To 5000, Deduct	-1.71	
	02MOD-0511	For > 5000, Deduct	-2.40	
02951-0034	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	9.67	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-0.97	
	02MOD-0510	For > 1000 To 5000, Deduct	-2.42	
	02MOD-0511	For > 5000, Deduct	-3.38	
02951-0035	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	13.70	
		Note: CCTV inspection of pipe interior.		
	02MOD-0509	For > 500 To 1000, Deduct	-1.37	
	02MOD-0510	For > 1000 To 5000, Deduct	-3.43	
	02MOD-0511	For > 5000, Deduct	-4.80	
02953		Pipe Line And Structure Cleaning And Flushing (02950)		
		Note: Includes flushing. Owner provided water.		
02953-0001		Pipe Line Cleaning (02953)		
		Note: Includes removal of all debris/waste.		
02953-0002		Hydro Jet Set-up And Reinsertion (02953-0001)		
02953-0003	EA	Initial Set Up And Final Equipment Removal For Jet Cleaning.....	1,855.04	
02953-0004	EA	Move And Reset Up At Different Access/Location For Jet Cleaning.....	463.76	
02953-0005		Hydro Jet Cleaning Of Sewer And Water Pipelines (02953-0001)		
02953-0006	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	2.49	
	02MOD-0512	For > 250 To 500, Deduct	-0.12	
	02MOD-0513	For > 500 To 1000, Deduct	-0.25	
	02MOD-0514	For > 1000 To 2000, Deduct	-0.37	
	02MOD-0515	For > 2000 To 5000, Deduct	-0.50	
	02MOD-0516	For > 5000, Deduct	-0.62	
	02MOD-0517	For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	1.87	
02953-0007	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	2.86	
	02MOD-0512	For > 250 To 500, Deduct	-0.14	
	02MOD-0513	For > 500 To 1000, Deduct	-0.29	
	02MOD-0514	For > 1000 To 2000, Deduct	-0.43	
	02MOD-0515	For > 2000 To 5000, Deduct	-0.57	
	02MOD-0516	For > 5000, Deduct	-0.72	
	02MOD-0517	For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	2.15	
02953-0008	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	3.36	
	02MOD-0512	For > 250 To 500, Deduct	-0.17	
	02MOD-0513	For > 500 To 1000, Deduct	-0.34	
	02MOD-0514	For > 1000 To 2000, Deduct	-0.50	
	02MOD-0515	For > 2000 To 5000, Deduct	-0.67	
	02MOD-0516	For > 5000, Deduct	-0.84	
	02MOD-0517	For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	2.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02953-0009 LF 10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.16	
02MOD-0512 For > 250 To 500, Deduct	-0.21	
02MOD-0513 For > 500 To 1000, Deduct	-0.42	
02MOD-0514 For > 1000 To 2000, Deduct	-0.62	
02MOD-0515 For > 2000 To 5000, Deduct	-0.83	
02MOD-0516 For > 5000, Deduct	-1.04	
02MOD-0517 For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	3.12	
02953-0010 LF 12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.71	
02MOD-0512 For > 250 To 500, Deduct	-0.24	
02MOD-0513 For > 500 To 1000, Deduct	-0.47	
02MOD-0514 For > 1000 To 2000, Deduct	-0.71	
02MOD-0515 For > 2000 To 5000, Deduct	-0.94	
02MOD-0516 For > 5000, Deduct	-1.18	
02MOD-0517 For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	3.53	
02953-0011 LF >12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	5.45	
02MOD-0512 For > 250 To 500, Deduct	-0.27	
02MOD-0513 For > 500 To 1000, Deduct	-0.55	
02MOD-0514 For > 1000 To 2000, Deduct	-0.82	
02MOD-0515 For > 2000 To 5000, Deduct	-1.09	
02MOD-0516 For > 5000, Deduct	-1.36	
02MOD-0517 For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	4.09	
02953-0012 LF >16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	6.55	
02MOD-0512 For > 250 To 500, Deduct	-0.33	
02MOD-0513 For > 500 To 1000, Deduct	-0.66	
02MOD-0514 For > 1000 To 2000, Deduct	-0.98	
02MOD-0515 For > 2000 To 5000, Deduct	-1.31	
02MOD-0516 For > 5000, Deduct	-1.64	
02MOD-0517 For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	4.91	
02953-0013 LF >24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	7.43	
02MOD-0512 For > 250 To 500, Deduct	-0.37	
02MOD-0513 For > 500 To 1000, Deduct	-0.74	
02MOD-0514 For > 1000 To 2000, Deduct	-1.11	
02MOD-0515 For > 2000 To 5000, Deduct	-1.49	
02MOD-0516 For > 5000, Deduct	-1.86	
02MOD-0517 For Heavy Cleaning, > 4 Passes (Includes Attached Mechanical Device), Add	5.57	
02953-0014 Flushing Of Storm Water Pipelines (02953-0001)		
Note: To remove silt and small debris from storm drainage pipes.		
02953-0015 LF 12" To 16" Diameter Pipe Line Flushing	1.03	
02MOD-0518 For > 250 To 500, Deduct	-0.05	
02MOD-0519 For > 500 To 1000, Deduct	-0.10	
02MOD-0520 For > 1000 To 2000, Deduct	-0.15	
02MOD-0521 For > 2000 To 5000, Deduct	-0.21	
02MOD-0522 For > 5000, Deduct	-0.26	
02953-0016 LF >16" To 24" Diameter Pipe Line Flushing.....	1.19	
02MOD-0518 For > 250 To 500, Deduct	-0.06	
02MOD-0519 For > 500 To 1000, Deduct	-0.12	
02MOD-0520 For > 1000 To 2000, Deduct	-0.18	
02MOD-0521 For > 2000 To 5000, Deduct	-0.24	
02MOD-0522 For > 5000, Deduct	-0.30	
02953-0017 LF >24" To 30" Diameter Pipe Line Flushing.....	1.39	
02MOD-0518 For > 250 To 500, Deduct	-0.07	
02MOD-0519 For > 500 To 1000, Deduct	-0.14	
02MOD-0520 For > 1000 To 2000, Deduct	-0.21	
02MOD-0521 For > 2000 To 5000, Deduct	-0.28	
02MOD-0522 For > 5000, Deduct	-0.35	
02953-0018 LF >30" To 42" Diameter Pipe Line Flushing.....	1.61	
02MOD-0518 For > 250 To 500, Deduct	-0.08	
02MOD-0519 For > 500 To 1000, Deduct	-0.16	
02MOD-0520 For > 1000 To 2000, Deduct	-0.24	
02MOD-0521 For > 2000 To 5000, Deduct	-0.32	
02MOD-0522 For > 5000, Deduct	-0.40	
02953-0019 LF >42" To 60" Diameter Pipe Line Flushing.....	2.15	
02MOD-0518 For > 250 To 500, Deduct	-0.11	
02MOD-0519 For > 500 To 1000, Deduct	-0.22	
02MOD-0520 For > 1000 To 2000, Deduct	-0.32	
02MOD-0521 For > 2000 To 5000, Deduct	-0.43	
02MOD-0522 For > 5000, Deduct	-0.54	
02953-0020 Hydro Jet Cleaning Of Culverts (02953-0001)		
02953-0021 LF Jet Cleaning Of Culvert, 0-250 LF	11.54	
02MOD-0523 For > 250 To 500, Deduct	-0.58	
02MOD-0524 For > 500 To 1000, Deduct	-1.15	
02MOD-0525 For > 1000 To 2000, Deduct	-1.73	
02MOD-0526 For > 2000 To 5000, Deduct	-2.31	
02MOD-0527 For > 5000, Deduct	-2.89	
02953-0022 Pipe Line Cleaning, Mechanical Method (02953)		
Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste.		
02953-0023 EA Initial Set Up And Final Equipment Removal For Mechanical Cleaning.....	868.20	
02953-0024 EA Move And Reset Up At Different Access/Location.....	289.40	

02000 Site Construction**02950 Site Restoration And Rehabilitation****02953 Pipe Line And Structure Cleaning And Flushing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02953-0025	LF		12" Diameter Pipe Line Cleaning, Mechanical Method	9.53	
	02MOD-0528		For > 250 To 500, Deduct	-0.45	
	02MOD-0529		For > 500 To 1000, Deduct	-0.91	
	02MOD-0530		For > 1000 To 2000, Deduct	-1.36	
	02MOD-0531		For > 2000 To 5000, Deduct	-1.81	
	02MOD-0532		For > 5000, Deduct	-2.26	
02953-0026			Pipe Line Auguring/Rod Out Pipe (02953)		
02953-0027	EA		Initial Set Up And Final Equipment Removal For Auguring.....	868.20	
02953-0028	EA		Move And Reset Up At Different Location	289.40	
02953-0029	LF		Up To 4" Diameter Pipe Line Auguring/Rod Out.....	2.89	
	02MOD-0533		For > 250 To 500, Deduct	-0.14	
	02MOD-0534		For > 500 To 1000, Deduct	-0.29	
	02MOD-0535		For > 1000 To 2000, Deduct	-0.43	
	02MOD-0536		For > 2000 To 5000, Deduct	-0.58	
	02MOD-0537		For > 5000, Deduct	-0.72	
02953-0030	LF		6" Diameter Pipe Line Auguring/Rod Out.....	3.74	
	02MOD-0533		For > 250 To 500, Deduct	-0.19	
	02MOD-0534		For > 500 To 1000, Deduct	-0.37	
	02MOD-0535		For > 1000 To 2000, Deduct	-0.56	
	02MOD-0536		For > 2000 To 5000, Deduct	-0.75	
	02MOD-0537		For > 5000, Deduct	-0.94	
02953-0031	LF		8" Diameter Pipe Line Auguring/Rod Out.....	4.34	
	02MOD-0533		For > 250 To 500, Deduct	-0.22	
	02MOD-0534		For > 500 To 1000, Deduct	-0.43	
	02MOD-0535		For > 1000 To 2000, Deduct	-0.65	
	02MOD-0536		For > 2000 To 5000, Deduct	-0.87	
	02MOD-0537		For > 5000, Deduct	-1.09	
02953-0032	LF		10" Diameter Pipe Line Auguring/Rod Out.....	5.04	
	02MOD-0533		For > 250 To 500, Deduct	-0.25	
	02MOD-0534		For > 500 To 1000, Deduct	-0.50	
	02MOD-0535		For > 1000 To 2000, Deduct	-0.76	
	02MOD-0536		For > 2000 To 5000, Deduct	-1.01	
	02MOD-0537		For > 5000, Deduct	-1.26	
02953-0033	LF		12" Diameter Pipe Line Auguring/Rod Out.....	5.43	
	02MOD-0533		For > 250 To 500, Deduct	-0.27	
	02MOD-0534		For > 500 To 1000, Deduct	-0.54	
	02MOD-0535		For > 1000 To 2000, Deduct	-0.81	
	02MOD-0536		For > 2000 To 5000, Deduct	-1.09	
	02MOD-0537		For > 5000, Deduct	-1.36	
02953-0034	LF		>12" To 16" Diameter Pipe Line Auguring/Rod Out	6.20	
	02MOD-0533		For > 250 To 500, Deduct	-0.31	
	02MOD-0534		For > 500 To 1000, Deduct	-0.62	
	02MOD-0535		For > 1000 To 2000, Deduct	-0.93	
	02MOD-0536		For > 2000 To 5000, Deduct	-1.24	
	02MOD-0537		For > 5000, Deduct	-1.55	
02953-0035	LF		>16" To 24" Diameter Pipe Line Auguring/Rod Out	7.61	
	02MOD-0533		For > 250 To 500, Deduct	-0.38	
	02MOD-0534		For > 500 To 1000, Deduct	-0.76	
	02MOD-0535		For > 1000 To 2000, Deduct	-1.14	
	02MOD-0536		For > 2000 To 5000, Deduct	-1.52	
	02MOD-0537		For > 5000, Deduct	-1.90	
02953-0036	LF		>24" To 30" Diameter Pipe Line Auguring/Rod Out	8.51	
	02MOD-0533		For > 250 To 500, Deduct	-0.43	
	02MOD-0534		For > 500 To 1000, Deduct	-0.85	
	02MOD-0535		For > 1000 To 2000, Deduct	-1.28	
	02MOD-0536		For > 2000 To 5000, Deduct	-1.70	
	02MOD-0537		For > 5000, Deduct	-2.13	
02953-0037	LF		>30" To 42" Diameter Pipe Line Auguring/Rod Out	9.87	
	02MOD-0533		For > 250 To 500, Deduct	-0.49	
	02MOD-0534		For > 500 To 1000, Deduct	-0.99	
	02MOD-0535		For > 1000 To 2000, Deduct	-1.48	
	02MOD-0536		For > 2000 To 5000, Deduct	-1.97	
	02MOD-0537		For > 5000, Deduct	-2.47	
02953-0038	LF		>42 To 60" Diameter Pipe Line Auguring/Rod Out	13.56	
	02MOD-0533		For > 250 To 500, Deduct	-0.68	
	02MOD-0534		For > 500 To 1000, Deduct	-1.36	
	02MOD-0535		For > 1000 To 2000, Deduct	-2.03	
	02MOD-0536		For > 2000 To 5000, Deduct	-2.71	
	02MOD-0537		For > 5000, Deduct	-3.39	
02953-0039	LF		>60" Diameter Pipe Line Auguring/Rod Out	14.47	
	02MOD-0533		For > 250 To 500, Deduct	-0.72	
	02MOD-0534		For > 500 To 1000, Deduct	-1.45	
	02MOD-0535		For > 1000 To 2000, Deduct	-2.17	
	02MOD-0536		For > 2000 To 5000, Deduct	-2.89	
	02MOD-0537		For > 5000, Deduct	-3.62	
02953-0040			Rod Out Structures And Other Hand Operations (02953)		
02953-0041	EA		Rod Out Sewer Catch Basin	64.88	
02953-0042	EA		Clean Out Debris From Entrance To Inlet Structure	162.20	
02953-0043	EA		Clean Out Blocked Manhole By Hand, 3' To 4' Diameter.....	643.60	
02953-0044	EA		Clean Out Blocked Manhole By Hand, 5' To 6' Diameter.....	772.32	
02953-0045	EA		Clean Out Catch Basin By Hand.....	482.70	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02953-0046 Cleaning Manholes And Drainage Structures (02953)

Note: Includes removal of debris.

02953-0047	VLF Waterblast Cleaning For 3' To 4' Diameter Manhole	77.29	
02953-0048	VLF Waterblast Cleaning For 5' To 6' Diameter Manhole	96.62	
02953-0049	EA Vacuum Out 1 To 2 Catch Basins Or Manholes	1,076.30	
	Note: Includes vacuum pump equipment.		
02953-0050	EA Vacuum Out 3 To 10 Catch Basins Or Manholes	807.23	
	Note: Includes vacuum pump equipment.		
02953-0051	EA Vacuum Out 11 To 25 Catch Basins Or Manholes	538.15	
	Note: Includes vacuum pump equipment.		
02953-0052	EA Vacuum Out > 25 Catch Basins Or Manholes	403.62	
	Note: Includes vacuum pump equipment.		

02953-0053 Water Main Disinfection/Sterilization (02953)

Note: Gas chlorination. Continuous or plug method.

02953-0054	EA Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	723.50	
02953-0055	EA Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	361.75	
02953-0056	LF Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.28	
	02MOD-0538 For > 250 To 500, Deduct	-0.01	
	02MOD-0539 For > 500 To 1000, Deduct	-0.03	
	02MOD-0540 For > 1000 To 2000, Deduct	-0.04	
	02MOD-0541 For > 2000 To 5000, Deduct	-0.06	
	02MOD-0542 For > 5000, Deduct	-0.07	
02953-0057	LF 6" Diameter Pipe Water Main Disinfection/Sterilization	0.42	
	02MOD-0538 For > 250 To 500, Deduct	-0.02	
	02MOD-0539 For > 500 To 1000, Deduct	-0.04	
	02MOD-0540 For > 1000 To 2000, Deduct	-0.06	
	02MOD-0541 For > 2000 To 5000, Deduct	-0.08	
	02MOD-0542 For > 5000, Deduct	-0.11	
02953-0058	LF 8" Diameter Pipe Water Main Disinfection/Sterilization	0.54	
	02MOD-0538 For > 250 To 500, Deduct	-0.03	
	02MOD-0539 For > 500 To 1000, Deduct	-0.05	
	02MOD-0540 For > 1000 To 2000, Deduct	-0.08	
	02MOD-0541 For > 2000 To 5000, Deduct	-0.11	
	02MOD-0542 For > 5000, Deduct	-0.14	
02953-0059	LF 10" Diameter Pipe Water Main Disinfection/Sterilization	0.64	
	02MOD-0538 For > 250 To 500, Deduct	-0.03	
	02MOD-0539 For > 500 To 1000, Deduct	-0.06	
	02MOD-0540 For > 1000 To 2000, Deduct	-0.10	
	02MOD-0541 For > 2000 To 5000, Deduct	-0.13	
	02MOD-0542 For > 5000, Deduct	-0.16	
02953-0060	LF 12" Diameter Pipe Water Main Disinfection/Sterilization	0.84	
	02MOD-0538 For > 250 To 500, Deduct	-0.04	
	02MOD-0539 For > 500 To 1000, Deduct	-0.08	
	02MOD-0540 For > 1000 To 2000, Deduct	-0.13	
	02MOD-0541 For > 2000 To 5000, Deduct	-0.17	
	02MOD-0542 For > 5000, Deduct	-0.21	

02957 Pipe Repair (02950)

02957-0001 Pipe Repair Clamp, Full Circle, Single Band (02957)

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe. (Smith-Blair Model 226)

02957-0002	EA 2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	97.88	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	17.39	
02957-0003	EA 2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	140.94	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	26.21	
02957-0004	EA 2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	163.59	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	30.88	
02957-0005	EA 2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	186.79	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	35.52	
02957-0006	EA 2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	105.73	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	18.89	
02957-0007	EA 2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	149.95	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	27.98	
02957-0008	EA 2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	172.43	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	32.53	
02957-0009	EA 2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	199.86	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	38.06	
02957-0010	EA 3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	114.13	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	20.67	
02957-0011	EA 3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	156.15	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	29.25	
02957-0012	EA 3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	181.12	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	34.29	
02957-0013	EA 3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	212.08	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	40.71	
02957-0014	EA 4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	128.86	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	23.50	
02957-0015	EA 4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	170.92	
	02MOD-0543 For Stainless Steel Nuts And Bolts, Add	31.63	

02000 Site Construction
02950 Site Restoration And Rehabilitation
02957 Pipe Repair



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02957-0016	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	207.46	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	38.51	
02957-0017	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	250.01	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	46.45	
02957-0018	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	328.92	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	62.39	
02957-0019	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	410.09	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	78.33	
02957-0020	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	500.94	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	96.09	
02957-0021	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	149.02	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	27.14	
02957-0022	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	201.34	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	37.39	
02957-0023	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	236.63	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	43.72	
02957-0024	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	269.75	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	49.19	
02957-0025	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	387.26	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	73.65	
02957-0026	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	468.78	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	89.26	
02957-0027	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	557.55	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	106.11	
02957-0028	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	189.44	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	32.15	
02957-0029	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	250.32	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	43.30	
02957-0030	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	298.61	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	51.55	
02957-0031	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	356.69	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	61.48	
02957-0032	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	482.62	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	86.31	
02957-0033	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	574.35	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	102.55	
02957-0034	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	677.03	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	120.17	
02957-0035	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	228.94	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	40.38	
02957-0036	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	303.94	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	54.56	
02957-0037	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	352.78	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	62.72	
02957-0038	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	439.88	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	79.05	
02957-0039	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	574.95	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	105.69	
02957-0040	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	653.95	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	118.58	
02957-0041	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	864.31	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	160.68	
02957-0042	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	254.48	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	44.25	
02957-0043	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	329.77	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	58.00	
02957-0044	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	407.42	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	72.29	
02957-0045	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	496.52	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	88.51	
02957-0046	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	640.26	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	116.42	
02957-0047	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	762.23	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	138.34	
02957-0048	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts	964.47	
	02MOD-0543	For Stainless Steel Nuts And Bolts, Add	177.44	
02957-0049		Pipe Repair Clamp, Full Circle, Double Bands <small>(02957)</small>		
		Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe. (Smith-Blair Model 228)		
02957-0050	EA	14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	641.45	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	189.39	
02957-0051	EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	914.21	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	273.41	
02957-0052	EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,233.60	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	370.78	
02957-0053	EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,829.53	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	558.84	
02957-0054	EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	673.20	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	198.71	
02957-0055	EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	956.89	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	286.09	
02957-0056	EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts	1,287.77	
	02MOD-0544	For Stainless Steel Nuts And Bolts, Add	386.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02957-0057 EA 15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,917.58	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	585.51	
02957-0058 EA 15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	689.34	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	202.72	
02957-0059 EA 15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	978.17	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	291.43	
02957-0060 EA 15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,320.13	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	395.45	
02957-0061 EA 15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,964.12	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	598.17	
02957-0062 EA 16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	706.08	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	206.73	
02957-0063 EA 16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,002.34	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	297.43	
02957-0064 EA 16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,350.38	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	402.78	
02957-0065 EA 16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	2,010.00	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	610.18	
02957-0066 EA 17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	720.87	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	210.07	
02957-0067 EA 17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,022.57	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	302.09	
02957-0068 EA 17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,380.63	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	410.12	
02957-0069 EA 17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	2,050.61	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	620.18	
02957-0070 EA 17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	735.03	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	213.40	
02957-0071 EA 17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,043.83	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	307.42	
02957-0072 EA 17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,407.70	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	416.79	
02957-0073 EA 17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	2,131.40	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	644.28	
02957-0074 EA 18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	751.58	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	217.56	
02957-0075 EA 18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,069.35	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	314.09	
02957-0076 EA 18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	1,436.72	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	424.12	
02957-0077 EA 18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts.....	2,136.54	
02MOD-0544 For Stainless Steel Nuts And Bolts, Add	642.86	

END OF SECTION 02

02

02000 Site Construction

02950 Site Restoration And Rehabilitation

02957 Pipe Repair



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03000 Concrete

03100 Concrete Forms And Accessories (03000)

03110 Structural Cast-In-Place Concrete Formwork (03100)

Note: Per square foot of formwork

03110-0001	Wood Formwork <small>(03110)</small> Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.	
03110-0002	Foundation Wood Formwork <small>(03110-0001)</small> Note: For foundation work below or at grade.	
03110-0003	SF Continuous Footings Foundation Wood Formwork.....	5.02
	<i>03MOD-0001 For < 1000, Add</i>	0.93
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	0.89
	<i>03MOD-0003 For Curved Formwork, Add</i>	1.78
03110-0004	SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork.....	5.97
	<i>03MOD-0001 For < 1000, Add</i>	1.12
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	1.08
	<i>03MOD-0003 For Curved Formwork, Add</i>	2.15
03110-0005	SF Mat Foundation Wood Formwork.....	6.85
	<i>03MOD-0001 For < 1000, Add</i>	1.30
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	1.27
	<i>03MOD-0003 For Curved Formwork, Add</i>	2.53
03110-0006	SF Grade Beams Or Duct Bank Foundation Wood Formwork	5.67
	<i>03MOD-0001 For < 1000, Add</i>	1.07
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	1.03
	<i>03MOD-0003 For Curved Formwork, Add</i>	2.06
03110-0007	SF Below Grade Walls Foundation Wood Formwork	8.07
	Note: Excludes footing	
	<i>03MOD-0001 For < 1000, Add</i>	1.51
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	1.46
	<i>03MOD-0003 For Curved Formwork, Add</i>	2.92
03110-0008	Slab Edge And Block-Out Wood Formwork <small>(03110-0001)</small>	
03110-0009	LF Up To 6" High Slab Edge and Block-Out Wood Formwork	3.85
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	0.71
	<i>03MOD-0003 For Curved Formwork, Add</i>	1.42
	<i>03MOD-0004 For < 250, Add</i>	0.73
03110-0010	LF >6" To 12" High Slab Edge and Block-Out Wood Formwork	5.55
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	0.99
	<i>03MOD-0003 For Curved Formwork, Add</i>	1.99
	<i>03MOD-0004 For < 250, Add</i>	1.03
03110-0011	SF >12" High Slab Edge and Block-Out Wood Formwork.....	7.09
	<i>03MOD-0002 For Foundations > 8' Below Grade, Add</i>	1.28
	<i>03MOD-0003 For Curved Formwork, Add</i>	2.57
	<i>03MOD-0005 For < 1000, Add</i>	1.33
03110-0012	Column Wood Formwork <small>(03110-0001)</small>	
03110-0013	LF Up To 8" Square Column Wood Formwork.....	29.95
03110-0014	LF >8" To 12" Square Column Wood Formwork.....	43.69
03110-0015	LF >12" To 18" Square Column Wood Formwork.....	54.71
03110-0016	LF >18" To 24" Square Column Wood Formwork.....	78.16
03110-0017	LF >24" To 36" Square Column Wood Formwork.....	112.03
03110-0018	LF >36" To 48" Square Column Wood Formwork.....	147.71
03110-0019	Above Grade Wall Wood Formwork <small>(03110-0001)</small>	
03110-0020	SF Up To 8' High Above Grade Wall Wood Formwork.....	9.01
	<i>03MOD-0006 For Curved Formwork, Add</i>	3.29
	<i>03MOD-0008 For < 1000, Add</i>	1.70
03110-0021	SF >8' High Above Grade Wall Wood Formwork	10.67
	<i>03MOD-0006 For Curved Formwork, Add</i>	3.91
	<i>03MOD-0008 For < 1000, Add</i>	2.01
03110-0022	Elevated Beam Wood Formwork <small>(03110-0001)</small> Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated beam.	
03110-0023	SF Bottom of Elevated Beam Wood Formwork.....	11.66
	<i>03MOD-0006 For Curved Formwork, Add</i>	4.28
	<i>03MOD-0008 For < 1000, Add</i>	2.20
03110-0024	SF Vertical Sides of Elevated Beam Wood Formwork	7.46
	<i>03MOD-0006 For Curved Formwork, Add</i>	2.74
	<i>03MOD-0008 For < 1000, Add</i>	1.41

03000 Concrete**03100 Concrete Forms And Accessories****03110 Structural Cast-In-Place Concrete Formwork**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03110-0025		Elevated Slab Wood Formwork (03110-0001) Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated slab.		
03110-0026	SF	Elevated Slab Wood Formwork.....	6.92	
	03MOD-0008	For < 1000, Add	1.26	
03110-0027		Stairway Wood Formwork (03110-0001)		
03110-0028	SF	Cast On Grade Stairway Wood Formwork.....	11.46	
	03MOD-0007	For Curved Formwork, Add	4.39	
	03MOD-0008	For < 1000, Add	2.23	
03110-0029	SF	Elevated Stairway Wood Formwork.....	22.38	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
	03MOD-0007	For Curved Formwork, Add	8.47	
	03MOD-0008	For < 1000, Add	4.31	
03110-0030		Metal Framed Formwork (03110) Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03110-0031		Foundation Metal Framed Formwork (03110-0030) Note: For foundation work below or at grade.		
03110-0032	SF	Continuous Footings Foundation Metal Framed Formwork.....	4.26	
	03MOD-0009	For < 1000, Add	0.80	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.78	
	03MOD-0011	For Curved Formwork, Add	1.56	
03110-0033	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork.....	4.75	
	03MOD-0009	For < 1000, Add	0.90	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.88	
	03MOD-0011	For Curved Formwork, Add	1.75	
03110-0034	SF	Mat Foundation Metal Framed Formwork.....	5.27	
	03MOD-0009	For < 1000, Add	0.99	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.96	
	03MOD-0011	For Curved Formwork, Add	1.93	
03110-0035	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork.....	4.44	
	03MOD-0009	For < 1000, Add	0.84	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.81	
	03MOD-0011	For Curved Formwork, Add	1.62	
03110-0036	SF	Below Grade Walls Foundation Metal Framed Formwork.....	6.84	
		Note: Excludes footing.		
	03MOD-0009	For < 1000, Add	1.30	
	03MOD-0010	For Foundations > 8' Below Grade, Add	1.27	
	03MOD-0011	For Curved Formwork, Add	2.54	
03110-0037		Slab Edge And Block-Out Metal Framed Formwork (03110-0030)		
03110-0038	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork.....	3.27	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.64	
	03MOD-0011	For Curved Formwork, Add	1.29	
	03MOD-0012	For < 250, Add	0.65	
03110-0039	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork.....	4.10	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.80	
	03MOD-0011	For Curved Formwork, Add	1.60	
	03MOD-0012	For < 250, Add	0.81	
03110-0040	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork.....	4.53	
	03MOD-0010	For Foundations > 8' Below Grade, Add	0.89	
	03MOD-0011	For Curved Formwork, Add	1.77	
	03MOD-0013	For < 1000, Add	0.89	
03110-0041		Column Metal Framed Formwork (03110-0030)		
03110-0042		Square Columns (03110-0041)		
03110-0043	LF	Up To 12" Square Column Metal Framed Formwork.....	26.44	
03110-0044	LF	>12" To 16" Square Column Metal Framed Formwork.....	31.83	
03110-0045	LF	>16" To 20" Square Column Metal Framed Formwork.....	37.24	
03110-0046	LF	>20" To 24" Square Column Metal Framed Formwork.....	44.56	
03110-0047	LF	>24" To 30" Square Column Metal Framed Formwork.....	53.60	
03110-0048	LF	>30" To 36" Square Column Metal Framed Formwork.....	64.27	
03110-0049	LF	>36" To 48" Square Column Metal Framed Formwork.....	82.38	
03110-0050	LF	>48" To 60" Square Column Metal Framed Formwork.....	101.44	
03110-0051		Round Columns (03110-0041)		
03110-0052	LF	Up To 12" Diameter Column Metal Formwork.....	22.77	
03110-0053	LF	>12" To 16" Diameter Column Metal Formwork.....	25.59	
03110-0054	LF	>16" To 20" Diameter Column Metal Formwork.....	29.64	
03110-0055	LF	>20" To 24" Diameter Column Metal Formwork.....	35.04	
03110-0056	LF	>24" To 30" Diameter Column Metal Formwork.....	41.70	
03110-0057	LF	>30" To 36" Diameter Column Metal Formwork.....	47.99	
03110-0058	LF	>36" To 48" Diameter Column Metal Formwork.....	60.98	
03110-0059	LF	>48" To 60" Diameter Column Metal Formwork.....	76.57	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03110-0060	Above Grade Wall Metal Framed Formwork <small>(03110-0030)</small>		
03110-0061	SF Up to 8' High Above Grade Wall Metal Framed Formwork.....	4.08	
	03MOD-0014 For Curved Formwork, Add	1.44	
	03MOD-0016 For < 1000, Add	0.75	
03110-0062	SF >8' High Above Grade Wall Metal Framed Formwork.....	4.94	
	03MOD-0014 For Curved Formwork, Add	1.72	
	03MOD-0016 For < 1000, Add	0.90	
03110-0063	Elevated Beam Metal Framed Formwork <small>(03110-0030)</small>		
	Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated beam.		
03110-0064	SF Bottom of Elevated Beam Metal Framed Formwork.....	4.07	
	03MOD-0014 For Curved Formwork, Add	1.34	
	03MOD-0016 For < 1000, Add	0.72	
03110-0065	SF Vertical Sides of Elevated Beam Metal Framed Formwork.....	3.02	
	03MOD-0014 For Curved Formwork, Add	1.05	
	03MOD-0016 For < 1000, Add	0.55	
03110-0066	Elevated Slab Metal Framed Formwork <small>(03110-0030)</small>		
	Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated slab.		
03110-0067	SF Elevated Slab Metal Framed Formwork.....	5.43	
	03MOD-0016 For < 1000, Add	0.85	
03110-0068	Stairway Metal Framed Formwork <small>(03110-0030)</small>		
03110-0069	SF Cast On Grade Stairway Metal Framed Formwork.....	9.16	
	03MOD-0015 For Curved Formwork, Add	3.53	
	03MOD-0016 For < 1000, Add	1.79	
03110-0070	SF Elevated Stairway Metal Framed Formwork.....	17.06	
	Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
	03MOD-0015 For Curved Formwork, Add	6.56	
	03MOD-0016 For < 1000, Add	3.32	
03110-0071	Fiber Tube Formwork <small>(03110)</small>		
	Note: Includes all supporting braces, erecting, aligning, striping, turnbuckles, ties and clips.		
03110-0072	Round Column Fiber Tube Formwork <small>(03110-0071)</small>		
03110-0073	LF 8" Diameter Round Fiber Tube Formwork.....	12.37	
	03MOD-0017 For Plastic Lined, Add	0.51	
	03MOD-0018 For Columns > 12' In Length, Add	1.24	
03110-0074	LF 10" Diameter Round Fiber Tube Formwork.....	13.58	
	03MOD-0017 For Plastic Lined, Add	0.57	
	03MOD-0018 For Columns > 12' In Length, Add	1.36	
03110-0075	LF 12" Diameter Round Fiber Tube Formwork.....	15.58	
	03MOD-0017 For Plastic Lined, Add	0.69	
	03MOD-0018 For Columns > 12' In Length, Add	1.56	
03110-0076	LF 14" Diameter Round Fiber Tube Formwork.....	17.31	
	03MOD-0017 For Plastic Lined, Add	0.88	
	03MOD-0018 For Columns > 12' In Length, Add	1.73	
03110-0077	LF 16" Diameter Round Fiber Tube Formwork.....	18.87	
	03MOD-0017 For Plastic Lined, Add	1.19	
	03MOD-0018 For Columns > 12' In Length, Add	1.89	
03110-0078	LF 18" Diameter Round Fiber Tube Formwork.....	20.44	
	03MOD-0017 For Plastic Lined, Add	1.49	
	03MOD-0018 For Columns > 12' In Length, Add	2.04	
03110-0079	LF 20" Diameter Round Fiber Tube Formwork.....	21.98	
	03MOD-0017 For Plastic Lined, Add	1.78	
	03MOD-0018 For Columns > 12' In Length, Add	2.20	
03110-0080	LF 22" Diameter Round Fiber Tube Formwork.....	23.45	
	03MOD-0017 For Plastic Lined, Add	1.98	
	03MOD-0018 For Columns > 12' In Length, Add	2.35	
03110-0081	LF 24" Diameter Round Fiber Tube Formwork.....	24.90	
	03MOD-0017 For Plastic Lined, Add	2.18	
	03MOD-0018 For Columns > 12' In Length, Add	2.49	
03110-0082	LF 26" Diameter Round Fiber Tube Formwork.....	26.23	
	03MOD-0017 For Plastic Lined, Add	2.48	
	03MOD-0018 For Columns > 12' In Length, Add	2.62	
03110-0083	LF 28" Diameter Round Fiber Tube Formwork.....	27.64	
	03MOD-0017 For Plastic Lined, Add	2.81	
	03MOD-0018 For Columns > 12' In Length, Add	2.76	
03110-0084	LF 30" Diameter Round Fiber Tube Formwork.....	29.16	
	03MOD-0017 For Plastic Lined, Add	3.16	
	03MOD-0018 For Columns > 12' In Length, Add	2.92	
03110-0085	LF 36" Diameter Round Fiber Tube Formwork.....	33.83	
	03MOD-0017 For Plastic Lined, Add	4.22	
	03MOD-0018 For Columns > 12' In Length, Add	3.38	
03110-0086	LF 42" Diameter Round Fiber Tube Formwork.....	42.72	
	03MOD-0017 For Plastic Lined, Add	6.63	
	03MOD-0018 For Columns > 12' In Length, Add	4.27	
03110-0087	LF 48" Diameter Round Fiber Tube Formwork.....	50.07	
	03MOD-0017 For Plastic Lined, Add	8.59	
	03MOD-0018 For Columns > 12' In Length, Add	5.01	

03000 Concrete**03100 Concrete Forms And Accessories****03110 Structural Cast-In-Place Concrete Formwork**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03110-0088		Accessories For Formwork <small>(03110)</small>		
03110-0089		Keyway Forms, All Materials <small>(03110-0088)</small>		
03110-0090	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials.....	1.31	
03110-0091		Chamfer Strips, All Materials <small>(03110-0088)</small>		
03110-0092	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.38	
03110-0093	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.60	
03110-0094	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.85	
03110-0095		Sleeves And Chases, Plastic Or Sheet Metal <small>(03110-0088)</small>		
03110-0096	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	7.56	
03110-0097	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	9.06	
03110-0098	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	10.95	
03110-0099	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	12.27	
03110-0100	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	15.76	
03110-0101	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	33.21	
03125		Concrete Form Liners <small>(03100)</small>		
03125-0001		Concrete Form Liners <small>(03125)</small>		
03125-0002	SF	Concrete Form Liner, Various Patterns And Textures, Add To Formwork.....	3.43	
03150		Concrete Accessories <small>(03100)</small>		
03150-0001		Expansion And Contraction Joints <small>(03150)</small>		
03150-0002		Poured Expansion Joint <small>(03150-0001)</small>		
03150-0003	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured.....	2.48	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.07	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0004	LF	1" x 2" Plain Asphalt Expansion Joint, Poured.....	5.36	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.21	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.40	
03150-0005	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied.....	2.21	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.07	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0006	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied.....	4.76	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.21	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.40	
03150-0007	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts.....	2.29	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.21	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.40	
03150-0008	LF	1" x 2" Polyurethane Expansion Joint, Poured, Hot Or Cold Applied.....	5.31	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.96	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.65	
03150-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied.....	1.77	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.07	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0010	LF	1" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant.....	2.17	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.07	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0011	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant.....	2.94	0.64
		<i>03MOD-0019 For Installation In Walls, Add</i>	1.21	
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.40	
03150-0012		Premolded In Slabs Or Walls Expansion Joint <small>(03150-0001)</small>		
03150-0013	LF	1/2" x 4" Premolded Felt Asphalt Expansion Joint, In Slabs Or Walls.....	1.78	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0014	LF	1/2" x 6" Premolded Felt Asphalt Expansion Joint, In Slabs Or Walls.....	2.12	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.43	
03150-0015	LF	1" x 12" Premolded Felt Asphalt Expansion Joint, In Slabs Or Walls.....	3.76	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.54	
03150-0016	LF	1/2" x 4" Premolded Cork Expansion Joint With Resin, In Slabs Or Walls.....	3.02	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0017	LF	1/2" x 6" Premolded Cork Expansion Joint With Resin, In Slabs Or Walls.....	3.60	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.43	
03150-0018	LF	1" x 12" Premolded Cork Expansion Joint With Resin, In Slabs Or Walls.....	9.71	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.54	
03150-0019	LF	1/2" x 4" Premolded Neoprene Sponge Expansion Joint, In Slabs Or Walls.....	2.44	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.36	
03150-0020	LF	1/2" x 6" Premolded Neoprene Sponge Expansion Joint, In Slabs Or Walls.....	2.92	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.43	
03150-0021	LF	1" x 12" Premolded Neoprene Sponge Expansion Joint, In Slabs Or Walls.....	6.90	0.64
		<i>03MOD-0020 For Installation In Boxouts, Add</i>	0.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03150-0022 LF 1/2" x 4" Premolded Polyethylene Foam Expansion Joint, In Slabs Or Walls.....	1.76	0.64
03MOD-0020 For Installation In Boxouts, Add	0.36	
03150-0023 LF 1/2" x 6" Premolded Polyethylene Foam Expansion Joint, In Slabs Or Walls.....	2.09	0.64
03MOD-0020 For Installation In Boxouts, Add	0.43	
03150-0024 LF 1" x 12" Premolded Polyethylene Foam Expansion Joint, In Slabs Or Walls.....	4.15	0.64
03MOD-0020 For Installation In Boxouts, Add	0.54	
03150-0025 LF 3/8" Inside Diameter x 3/8" Wall Premolded Polyethylene Joint, In Slabs Or Walls.....	1.85	0.64
03MOD-0020 For Installation In Boxouts, Add	0.32	
03150-0026 LF 3/8" Inside Diameter x 3/4" Wall Premolded Polyethylene Joint, In Slabs Or Walls.....	2.14	0.64
03MOD-0020 For Installation In Boxouts, Add	0.33	
03150-0027 LF 1" Inside Diameter x 3/8" Wall Premolded Polyethylene Joint, In Slabs Or Walls.....	2.44	0.64
03MOD-0020 For Installation In Boxouts, Add	0.33	
03150-0028 LF 1/2" x 1/2" Premolded Polyurethane Foam Expansion Joint, In Slab Or Walls.....	1.66	0.64
03MOD-0020 For Installation In Boxouts, Add	0.34	
03150-0029 LF 1" x 1" Premolded Polyurethane Foam Expansion Joint, In Slab Or Walls.....	2.04	0.64
03MOD-0020 For Installation In Boxouts, Add	0.36	
03150-0030 LF 1/2" x 4" Premolded Polyurethane Foam Expansion Joint, In Slabs Or Walls.....	2.02	0.64
03MOD-0020 For Installation In Boxouts, Add	0.36	
03150-0031 LF 1/2" x 6" Premolded Polyurethane Foam Expansion Joint, In Slabs Or Walls.....	2.40	0.64
03MOD-0020 For Installation In Boxouts, Add	0.43	
03150-0032 LF 1" x 12" Premolded Polyurethane Foam Expansion Joint, In Slabs Or Walls.....	4.46	0.64
03MOD-0020 For Installation In Boxouts, Add	0.54	
03150-0033 LF 1/2" x 4" Premolded Polyvinyl Chloride Foam Expansion Joint, In Slabs Or Walls.....	2.97	0.64
03MOD-0020 For Installation In Boxouts, Add	0.36	
03150-0034 LF 1/2" x 6" Premolded Polyvinyl Chloride Foam Expansion Joint, In Slabs Or Walls.....	3.55	0.64
03MOD-0020 For Installation In Boxouts, Add	0.43	
03150-0035 LF 1" x 12" Premolded Polyvinyl Chloride Foam Expansion Joint, In Slabs Or Walls.....	8.58	0.64
03MOD-0020 For Installation In Boxouts, Add	0.54	
03150-0036 LF 1/2" x 4" Premolded Rubber Gray Sponge Expansion Joint, In Slabs Or Walls.....	3.32	0.64
03MOD-0020 For Installation In Boxouts, Add	0.36	
03150-0037 LF 1/2" x 6" Premolded Rubber Gray Sponge Expansion Joint, In Slabs Or Walls.....	3.97	0.64
03MOD-0020 For Installation In Boxouts, Add	0.43	
03150-0038 LF 1" x 12" Premolded Rubber Gray Sponge Expansion Joint, In Slabs Or Walls.....	8.34	0.64
03MOD-0020 For Installation In Boxouts, Add	0.54	
03150-0039 LF Sikaflex 2C NS/SI For Construction Joint.....	7.98	0.64
03150-0040 Asphalt Felt Control Joints Or Bond Breaker (03150-0001)		
03150-0041 SF Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	0.76	0.48
03150-0042 SF Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	0.70	0.48
03150-0043 Keyed Cold Expansion And Control Joints (03150-0001)		
03150-0044 24 Gauge Galvanized Steel With Stakes (03150-0043)		
03150-0045 LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....	3.70	
03150-0046 LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	3.77	
03150-0047 LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	3.92	
03150-0048 LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	4.16	
03150-0049 LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	5.23	
03150-0050 Waterstops (03150)		
03150-0051 PVC Waterstops (03150-0050)		
03150-0052 LF 3/16" Thick x 4" Wide Ribbed PVC Waterstop.....	4.88	
03150-0053 LF 3/16" Thick x 6" Wide Ribbed PVC Waterstop.....	5.43	
03150-0054 LF 3/16" Thick x 9" Wide Ribbed PVC Waterstop With Center Bulb.....	6.43	
03150-0055 LF 3/8" Thick x 9" Wide Ribbed PVC Waterstop With Center Bulb.....	7.00	
03150-0056 LF 1/2" Thick x 9" Wide Ribbed PVC Waterstop.....	9.98	
03150-0057 LF 3/16" Thick x 6" Wide Dumbbell PVC Waterstop.....	5.08	
03150-0058 LF 3/8" Thick x 6" Wide Dumbbell PVC Waterstop.....	6.44	
03150-0059 LF 3/8" Thick x 9" Wide Plain PVC Waterstop.....	10.80	
03150-0060 LF 3/8" Thick x 9" Wide Plain PVC Waterstop With Center Bulb.....	8.75	
03150-0061 Rubber Waterstops (03150-0050)		
03150-0062 LF 3/8" Thick x 6" Wide Rubber Dumbbell Waterstop.....	6.39	
03150-0063 LF 3/8" Thick x 9" Wide Rubber Dumbbell Waterstop.....	7.54	
03150-0064 LF 1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	7.23	
03150-0065 LF 1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	10.49	
03150-0066 LF 3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	8.09	
03150-0067 LF 3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	10.90	
03150-0068 Bentonite Waterstops (03150-0050)		
03150-0069 LF 3/4" x 3/8" Bentonite Waterstop.....	4.22	
03150-0070 LF 1-1/4" x 1/2" Bentonite Waterstop.....	6.32	
03150-0071 LF 1" x 3/4" Bentonite Waterstop.....	7.07	
03150-0072 LF 1" x 1" Bentonite Waterstop.....	7.92	

03000 Concrete
03200 Concrete Reinforcement
03150 Concrete Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03200 Concrete Reinforcement (03000)

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03210 Deformed Steel Reinforcing Rebar (03200)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03210-0001 Footings And Slabs (03210)

03210-0002	TON Grade 40 Reinforcing Steel, Footings And Slabs, #3-#6.....	2,232.29
	03MOD-0021 For Epoxy Coated, Add	656.67
	03MOD-0022 For Stainless Steel, Add	1,959.57
	03MOD-0023 For Galvanized, Add	348.37
03210-0003	TON Grade 40 Reinforcing Steel, Footings And Slabs, #7-Up.....	2,021.55
	03MOD-0021 For Epoxy Coated, Add	606.71
	03MOD-0022 For Stainless Steel, Add	1,810.46
	03MOD-0023 For Galvanized, Add	321.86
03210-0004	TON Grade 50 Reinforcing Steel, Footings And Slabs, #3-#6.....	2,270.15
	03MOD-0021 For Epoxy Coated, Add	685.22
	03MOD-0022 For Stainless Steel, Add	2,044.76
	03MOD-0023 For Galvanized, Add	363.51
03210-0005	TON Grade 50 Reinforcing Steel, Footings And Slabs, #7-Up.....	2,065.10
	03MOD-0021 For Epoxy Coated, Add	639.54
	03MOD-0022 For Stainless Steel, Add	1,908.45
	03MOD-0023 For Galvanized, Add	339.28
03210-0006	TON Grade 60 Reinforcing Steel, Footings And Slabs, #3-#6.....	2,304.23
	03MOD-0021 For Epoxy Coated, Add	710.92
	03MOD-0022 For Stainless Steel, Add	2,121.44
	03MOD-0023 For Galvanized, Add	377.14
03210-0007	TON Grade 60 Reinforcing Steel, Footings And Slabs, #7-Up.....	2,125.68
	03MOD-0021 For Epoxy Coated, Add	685.22
	03MOD-0022 For Stainless Steel, Add	2,044.76
	03MOD-0023 For Galvanized, Add	363.51
03210-0008	TON Grade 70 Reinforcing Steel, Footings And Slabs, #3-#6.....	2,336.42
	03MOD-0021 For Epoxy Coated, Add	735.19
	03MOD-0022 For Stainless Steel, Add	2,193.86
	03MOD-0023 For Galvanized, Add	390.02
03210-0009	TON Grade 70 Reinforcing Steel, Footings And Slabs, #7-Up.....	2,135.15
	03MOD-0021 For Epoxy Coated, Add	692.36
	03MOD-0022 For Stainless Steel, Add	2,066.06
	03MOD-0023 For Galvanized, Add	367.30

03210-0010 Beams, Columns And Walls (03210)

03210-0011 Reinforcing Steel; Beams, Columns And Walls (03210-0010)

03210-0012	TON Grade 50 Reinforcing Steel, Beams, Columns, Walls, #3-#6.....	2,283.44
	03MOD-0021 For Epoxy Coated, Add	695.24
	03MOD-0022 For Stainless Steel, Add	2,074.66
	03MOD-0023 For Galvanized, Add	368.83
03210-0013	TON Grade 50 Reinforcing Steel, Beams, Columns, Walls, #7-Up.....	2,077.66
	03MOD-0021 For Epoxy Coated, Add	649.01
	03MOD-0022 For Stainless Steel, Add	1,936.71
	03MOD-0023 For Galvanized, Add	344.30
03210-0014	TON Grade 60 Reinforcing Steel, Beams, Columns, Walls, #3-#6.....	2,328.25
	03MOD-0021 For Epoxy Coated, Add	729.03
	03MOD-0022 For Stainless Steel, Add	2,175.48
	03MOD-0023 For Galvanized, Add	386.75
03210-0015	TON Grade 60 Reinforcing Steel, Beams, Columns, Walls, #7-Up.....	2,160.19
	03MOD-0021 For Epoxy Coated, Add	711.24
	03MOD-0022 For Stainless Steel, Add	2,122.40
	03MOD-0023 For Galvanized, Add	377.32
03210-0016	TON Grade 70 Reinforcing Steel, Beams, Columns, Walls, #3-#6.....	2,406.07
	03MOD-0021 For Epoxy Coated, Add	787.70
	03MOD-0022 For Stainless Steel, Add	2,350.58
	03MOD-0023 For Galvanized, Add	417.88
03210-0017	TON Grade 70 Reinforcing Steel, Beams, Columns, Walls, #7-Up.....	2,200.29
	03MOD-0021 For Epoxy Coated, Add	741.48
	03MOD-0022 For Stainless Steel, Add	2,212.63
	03MOD-0023 For Galvanized, Add	393.36

03210-0018 Dowels (03210)

Note: Includes grout. See CSI section 05501-0154 for chemical adhesive.

03210-0019 Straight Dowels (03210-0018)

03210-0020	EA Straight Dowels, 3/8" Diameter x 24" Long, Deformed.....	1.71
	03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.55
	03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.49
	03MOD-0026 For 18" Length, Deduct	-0.12
	03MOD-0077 For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	1.78
03210-0021	EA Straight Dowels, 1/2" Diameter x 24" Long, Deformed.....	2.05
	03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.76
	03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.69
	03MOD-0026 For 18" Length, Deduct	-0.15



Concrete 03000	CS
Concrete Reinforcement 03200	
Deformed Steel Reinforcing Rebar 03210	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03210-0022 EA Straight Dowels, 5/8" Diameter x 24" Long, Deformed	2.54	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.84	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.77	
03MOD-0026 For 18" Length, Deduct	-0.24	
03210-0023 EA Straight Dowels, 3/4" Diameter x 24" Long, Deformed	3.15	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.94	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.87	
03MOD-0026 For 18" Length, Deduct	-0.34	
03210-0024 EA Straight Dowels, 7/8" Diameter x 24" Long, Deformed	3.79	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.89	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.82	
03MOD-0026 For 18" Length, Deduct	-0.48	
03210-0025 EA Straight Dowels, 1" Diameter x 24" Long, Deformed	4.79	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.30	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.22	
03MOD-0026 For 18" Length, Deduct	-0.62	
03210-0026 EA Straight Dowels, 1-1/8" Diameter x 24" Long, Deformed	5.69	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.54	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.44	
03MOD-0026 For 18" Length, Deduct	-0.76	
03210-0027 EA Straight Dowels, 1-1/4" Diameter x 24" Long, Deformed	7.02	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.76	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.66	
03MOD-0026 For 18" Length, Deduct	-0.99	
03210-0028 EA Straight Dowels, 1-3/8" Diameter x 24" Long, Deformed	8.37	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	3.01	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.89	
03MOD-0026 For 18" Length, Deduct	-1.22	
03210-0029 Epoxy Coated Straight Dowels (03210-0018)		
03210-0030 EA Epoxy Coated Straight Dowels, 3/8" x 24" Long, #3 Rebar	2.03	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.68	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.62	
03MOD-0026 For 18" Length, Deduct	-0.16	
03210-0031 EA Epoxy Coated Straight Dowels, 1/2" x 24" Long, #4 Rebar	2.51	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.76	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.69	
03MOD-0026 For 18" Length, Deduct	-0.24	
03210-0032 EA Epoxy Coated Straight Dowels, 5/8" x 24" Long, #5 Rebar	3.16	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.84	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.77	
03MOD-0026 For 18" Length, Deduct	-0.36	
03210-0033 EA Epoxy Coated Straight Dowels, 3/4" x 24" Long, #6 Rebar	3.84	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	1.94	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.87	
03MOD-0026 For 18" Length, Deduct	-0.48	
03210-0034 EA Epoxy Coated Straight Dowels, 7/8" x 24" Long, #7 Rebar	4.84	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.11	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.03	
03MOD-0026 For 18" Length, Deduct	-0.66	
03210-0035 EA Epoxy Coated Straight Dowels, 1" x 24" Long, #8 Rebar	5.75	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.30	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.22	
03MOD-0026 For 18" Length, Deduct	-0.81	
03210-0036 EA Epoxy Coated Straight Dowels, 1-1/8" x 24" Long, #9 Rebar	6.88	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.67	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.57	
03MOD-0026 For 18" Length, Deduct	-0.98	
03210-0037 EA Epoxy Coated Straight Dowels, 1-1/4" x 24" Long, #10 Rebar	8.27	
03MOD-0024 For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	3.12	
03MOD-0025 For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	3.01	
03MOD-0026 For 18" Length, Deduct	-1.19	
03210-0038 Spirals (03210)		
03210-0039 TON Spirals, 8" To 15" Diameter, Grade 60.....	3,321.73	
03210-0040 TON Spirals, 15" To 24" Diameter, Grade 60.....	3,292.40	
03210-0041 TON Spirals, 24" To 36" Diameter, Grade 60.....	3,292.40	
03210-0042 TON Spirals, 36" To 48" Diameter, Grade 60.....	3,233.45	
03210-0043 TON Spirals, 48" To 64" Diameter, Grade 60.....	3,183.99	
03210-0044 TON Spirals, 64" To 84" Diameter, Grade 60.....	3,186.71	
03210-0045 TON Spirals, 84" To 96" Diameter, Grade 60.....	3,145.30	
03210-0046 Dowel Or Hairpin, Drilled And Epoxy Into Concrete (03210)		
03210-0047 EA Dowels Or Hairpin, 1/2" x 30" L, Drilled And Epoxy In Concrete, 6" Embedment	15.21	
03210-0048 EA Dowels Or Hairpin, 1/2" x 36" L, Drilled And Epoxy In Concrete, > 6" To 12" Embedment.....	15.88	
03290 Accessories For Reinforcing Steel (03200)		
03290-0001 Accessories For Reinforcing Steel (03290)		
03290-0002 EA Reinforcing Bar Weld Splicing, #3 To #6	29.54	

03000 Concrete**03200 Concrete Reinforcement****03290 Accessories For Reinforcing Steel**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03290-0003 EA Reinforcing Bar Weld Splicing, #7 And Up.....	42.75	
03290-0004 EA #4 (1/2") Reinforcing Bar Clip Splicing, Sleeve And Wedge	22.03	
03290-0005 EA #5 (5/8") Reinforcing Bar Clip Splicing, Sleeve And Wedge	32.27	
03290-0006 EA #6 (3/4") Reinforcing Bar Clip Splicing, Sleeve And Wedge	46.67	

03300 Cast-In-Place Concrete (03300)**03302 Concrete Admixtures** (03300)**03302-0001 Concrete Admixtures** (03302)

03302-0002 CY Steel Fibers Add At Batch Plant For Flexural Strength Per Each 25# Per CY	19.19	
03302-0003 CY 1.5 LB/CY Poly Fibers Reinforcing Concrete Mix.....	7.13	
03302-0004 CY Water Reducing, Medium Range, Super Plasticizer (20 Minute)	3.65	
03302-0005 CY Water Reducing, High Range, Super Plasticizer (45 Minute)	7.29	
03302-0006 CY Winter Concrete, Antifreeze Agent.....	5.47	
03302-0007 GAL Air Entraining Agent, .7 - 1.5 Oz Per Bag, 55 Gallon Lots	6.01	
03302-0008 GAL Air Entraining Agent, .7 - 1.5 Oz Per Bag, 5 Gallon Lots	7.42	
03302-0009 CY Corrosion Inhibitor.....	9.48	
03302-0010 LB 2 To 4 LB/CY Concrete Admixture Color, Light (Subtle)	5.03	
03302-0011 LB 6 To 12 LB/CY Concrete Admixture Colors, Standard	4.96	
03302-0012 LB 18 To 25 LB/CY Concrete Admixture Colors, Premium	4.96	
03302-0013 GAL Concrete Admixture, Set Accelerator, For Below Freezing, 1 To 1.5 Gallon Per CY	6.01	
03302-0014 GAL Concrete Admixture, Set Retarder, 2 To 4 Fluid Oz Per Bag Of Cement	19.00	
03302-0015 LB Waterproofing, Integral 1 LB/Bag Of Cement	1.19	
03302-0016 LB Concrete Admixture, Set Retarder, Powdered Metallic, 40 LB Per 100 SF	1.16	
03302-0017 CY Water Reducer And Retarder - Low Range	1.82	
03302-0018 CY Water Reducer And Retarder - High Range	3.65	
03302-0019 CY Micro Silica (Synergized Pozzolanic) Admixture, ASTM C 1240	87.50	
03302-0020 LB Carbon Black, Liquid, 2 To 8 LB/Bag	3.56	

03303 Concrete Surface Treatments (03300)**03303-0001 Concrete Surface Treatments** (03303)

03303-0002 LB Abrasives, Aluminum Oxide	1.29	
03303-0003 LB Abrasives, Silicon Carbide, Black	1.68	
03303-0004 SF Concrete Sealer	0.25	
03303-0005 GAL Bonding Agent, Acrylic Latex, 250 SF Per Gallon.....	119.09	
03303-0006 GAL Bonding Agent, Epoxy Resin, 80 SF Per Gallon	154.82	
03303-0007 TON Calcium Chloride, 100 LB Bags	576.41	
03303-0008 BAG Calcium Chloride, 100 LB Bags	32.03	
03303-0009 GAL Sealer, Hardener And Dustproof, Clear, 400 SF Per Gallon.....	97.22	
03303-0010 GAL Sealer, Hardener And Dustproof, Colors, 400 SF Per Gallon.....	122.45	

03311 Normal Weight Structural Concrete (03300)

Note: Includes delivery and placement of material. Excludes forms, reinforcement, accessories, admixtures, finishing, and curing. See CSI section 02112-0000 for demolition of concrete, 03100-0000 for forms, 03200-0000 for reinforcement, 03290-0000 for accessories, 03302-0000 for admixtures, 03350-0000 for finishing, 03390-0000 for curing.

03311-0001 Concrete Delivery And Placement (03311)

Note: Includes normal concrete placement tests. See CSI section 01431-0000 for additional tests.

03311-0002 Place Concrete By Method Indicated (03311-0001)

See CSI section 03311-0079 for concrete pump truck.

03311-0003 Place Concrete Pile Caps (03311-0002)

03311-0004 CY Crane And Bucket, Place 3000 PSI Concrete Pile Caps	194.04	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	35.62	
03MOD-0040 For > 20 To 50, Add	13.36	
03MOD-0041 For > 100 To 200, Deduct	-3.88	
03MOD-0042 For > 200 To 400, Deduct	-7.76	
03MOD-0043 For > 400, Deduct	-11.64	



Concrete 03000	03
Cast-In-Place Concrete 03300	
Normal Weight Structural Concrete 03311	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0005 CY Direct Chute, Place 3000 PSI Concrete Pile Caps	145.63	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	16.25	
03MOD-0040 For > 20 To 50, Add	6.09	
03MOD-0041 For > 100 To 200, Deduct	-2.91	
03MOD-0042 For > 200 To 400, Deduct	-5.83	
03MOD-0043 For > 400, Deduct	-8.74	
03311-0006 CY Concrete Pump, Place 3000 PSI Concrete Pile Caps	152.44	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0039 For Up To 20, Add	15.48	
03MOD-0040 For > 20 To 50, Add	5.80	
03MOD-0041 For > 100 To 200, Deduct	-3.05	
03MOD-0042 For > 200 To 400, Deduct	-6.10	
03MOD-0043 For > 400, Deduct	-9.15	
03311-0007 Place Concrete Continuous Footings (03311-0002)		
03311-0008 CY Crane And Bucket, Place 3000 PSI Concrete Continuous Footings.....	184.15	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	16.25	
03MOD-0040 For > 20 To 50, Add	6.09	
03MOD-0041 For > 100 To 200, Deduct	-2.91	
03MOD-0042 For > 200 To 400, Deduct	-5.83	
03MOD-0043 For > 400, Deduct	-8.74	
03311-0009 CY Direct Chute, Place 3000 PSI Concrete Continuous Footings.....	141.11	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	14.44	
03MOD-0040 For > 20 To 50, Add	5.42	
03MOD-0041 For > 100 To 200, Deduct	-2.82	
03MOD-0042 For > 200 To 400, Deduct	-5.64	
03MOD-0043 For > 400, Deduct	-8.47	

03000 Concrete
03300 Cast-In-Place Concrete
03311 Normal Weight Structural Concrete



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03311-0010	CY	Concrete Pump, Place 3000 PSI Concrete Continuous Footings.....	148.14	
			Note: Excludes pumping equipment.		
		03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14	
		03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07	
		03MOD-0029	For 3500 PSI Concrete, Add	5.69	
		03MOD-0030	For 3750 PSI Concrete, Add	7.74	
		03MOD-0031	For 4000 PSI Concrete, Add	9.78	
		03MOD-0032	For 4500 PSI Concrete, Add	11.38	
		03MOD-0033	For 5000 PSI Concrete, Add	12.97	
		03MOD-0034	For 6000 PSI Concrete, Add	30.71	
		03MOD-0035	For White Cement Concrete, Add	13.65	
		03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
		03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38	
		03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13	
		03MOD-0039	For Up To 20, Add	13.76	
		03MOD-0040	For > 20 To 50, Add	5.16	
		03MOD-0041	For > 100 To 200, Deduct	-2.96	
		03MOD-0042	For > 200 To 400, Deduct	-5.93	
		03MOD-0043	For > 400, Deduct	-8.89	
	03311-0011		Place Concrete Spread Footings (03311-0002)		
	03311-0012	CY	Crane And Bucket, Place 3000 PSI Concrete Spread Footings	238.55	
		03MOD-0027	For 2000 PSI Concrete, Deduct	-5.67	
		03MOD-0028	For 2500 PSI Concrete, Deduct	-2.84	
		03MOD-0029	For 3500 PSI Concrete, Add	5.25	
		03MOD-0030	For 3750 PSI Concrete, Add	7.14	
		03MOD-0031	For 4000 PSI Concrete, Add	9.03	
		03MOD-0032	For 4500 PSI Concrete, Add	10.50	
		03MOD-0033	For 5000 PSI Concrete, Add	11.97	
		03MOD-0034	For 6000 PSI Concrete, Add	28.35	
		03MOD-0035	For White Cement Concrete, Add	12.60	
		03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
		03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	10.50	
		03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	31.50	
		03MOD-0039	For Up To 20, Add	53.42	
		03MOD-0040	For > 20 To 50, Add	20.03	
		03MOD-0041	For > 100 To 200, Deduct	-4.77	
		03MOD-0042	For > 200 To 400, Deduct	-9.54	
		03MOD-0043	For > 400, Deduct	-14.31	
	03311-0013	CY	Direct Chute, Place 3000 PSI Concrete Spread Footings.....	165.93	
		03MOD-0027	For 2000 PSI Concrete, Deduct	-5.67	
		03MOD-0028	For 2500 PSI Concrete, Deduct	-2.84	
		03MOD-0029	For 3500 PSI Concrete, Add	5.25	
		03MOD-0030	For 3750 PSI Concrete, Add	7.14	
		03MOD-0031	For 4000 PSI Concrete, Add	9.03	
		03MOD-0032	For 4500 PSI Concrete, Add	10.50	
		03MOD-0033	For 5000 PSI Concrete, Add	11.97	
		03MOD-0034	For 6000 PSI Concrete, Add	28.35	
		03MOD-0035	For White Cement Concrete, Add	12.60	
		03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
		03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	10.50	
		03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	31.50	
		03MOD-0039	For Up To 20, Add	24.37	
		03MOD-0040	For > 20 To 50, Add	9.14	
		03MOD-0041	For > 100 To 200, Deduct	-3.32	
		03MOD-0042	For > 200 To 400, Deduct	-6.64	
		03MOD-0043	For > 400, Deduct	-9.96	
	03311-0014	CY	Concrete Pump, Place 3000 PSI Concrete Spread Footings.....	171.79	
			Note: Excludes pumping equipment.		
		03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14	
		03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07	
		03MOD-0029	For 3500 PSI Concrete, Add	5.69	
		03MOD-0030	For 3750 PSI Concrete, Add	7.74	
		03MOD-0031	For 4000 PSI Concrete, Add	9.78	
		03MOD-0032	For 4500 PSI Concrete, Add	11.38	
		03MOD-0033	For 5000 PSI Concrete, Add	12.97	
		03MOD-0034	For 6000 PSI Concrete, Add	30.71	
		03MOD-0035	For White Cement Concrete, Add	13.65	
		03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
		03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38	
		03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13	
		03MOD-0039	For Up To 20, Add	23.22	
		03MOD-0040	For > 20 To 50, Add	8.71	
		03MOD-0041	For > 100 To 200, Deduct	-3.44	
		03MOD-0042	For > 200 To 400, Deduct	-6.87	
		03MOD-0043	For > 400, Deduct	-10.31	
	03311-0015		Place Concrete Mat Foundation (03311-0002)		



Concrete 03000	03
Cast-In-Place Concrete 03300	
Normal Weight Structural Concrete 03311	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0016 CY Crane And Bucket, Place 3000 PSI Concrete Mat Foundation.....	128.75	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	9.50	
03MOD-0040 For > 20 To 50, Add	3.56	
03MOD-0041 For > 100 To 200, Deduct	-2.58	
03MOD-0042 For > 200 To 400, Deduct	-5.15	
03MOD-0043 For > 400, Deduct	-7.73	
03311-0017 CY Direct Chute, Place 3000 PSI Concrete Mat Foundation.....	115.83	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	4.33	
03MOD-0040 For > 20 To 50, Add	1.62	
03MOD-0041 For > 100 To 200, Deduct	-2.32	
03MOD-0042 For > 200 To 400, Deduct	-4.63	
03MOD-0043 For > 400, Deduct	-6.95	
03311-0018 CY Concrete Pump, Place 3000 PSI Concrete Mat Foundation.....	122.78	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0039 For Up To 20, Add	3.61	
03MOD-0040 For > 20 To 50, Add	1.35	
03MOD-0041 For > 100 To 200, Deduct	-2.46	
03MOD-0042 For > 200 To 400, Deduct	-4.91	
03MOD-0043 For > 400, Deduct	-7.37	
03311-0019 Place Concrete Grade Beams (03311-0002)		
03311-0020 CY Crane And Bucket, Place 3000 PSI Concrete Grade Beams.....	168.31	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	25.32	
03MOD-0040 For > 20 To 50, Add	9.50	
03MOD-0041 For > 100 To 200, Deduct	-3.37	
03MOD-0042 For > 200 To 400, Deduct	-6.73	
03MOD-0043 For > 400, Deduct	-10.10	

03000 Concrete**03300 Cast-In-Place Concrete****03311 Normal Weight Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0021	CY		Direct Chute, Place 3000 PSI Concrete Grade Beams.....	133.88	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039		For Up To 20, Add	11.55	
	03MOD-0040		For > 20 To 50, Add	4.33	
	03MOD-0041		For > 100 To 200, Deduct	-2.68	
	03MOD-0042		For > 200 To 400, Deduct	-5.36	
	03MOD-0043		For > 400, Deduct	-8.03	
03311-0022	CY		Concrete Pump, Place 3000 PSI Concrete Grade Beams.....	141.26	
			Note: Excludes pumping equipment.		
	03MOD-0027		For 2000 PSI Concrete, Deduct	-6.14	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-3.07	
	03MOD-0029		For 3500 PSI Concrete, Add	5.69	
	03MOD-0030		For 3750 PSI Concrete, Add	7.74	
	03MOD-0031		For 4000 PSI Concrete, Add	9.78	
	03MOD-0032		For 4500 PSI Concrete, Add	11.38	
	03MOD-0033		For 5000 PSI Concrete, Add	12.97	
	03MOD-0034		For 6000 PSI Concrete, Add	30.71	
	03MOD-0035		For White Cement Concrete, Add	13.65	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	11.38	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	34.13	
	03MOD-0039		For Up To 20, Add	11.00	
	03MOD-0040		For > 20 To 50, Add	4.13	
	03MOD-0041		For > 100 To 200, Deduct	-2.83	
	03MOD-0042		For > 200 To 400, Deduct	-5.65	
	03MOD-0043		For > 400, Deduct	-8.48	
03311-0023			Place Concrete Slab On Grade <small>(03311-0002)</small>		
03311-0024	CY		Up To 6", By Crane And Bucket, Place 3000 PSI Concrete Slab On Grade.....	169.80	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039		For Up To 20, Add	25.92	
	03MOD-0040		For > 20 To 50, Add	9.72	
	03MOD-0041		For > 100 To 200, Deduct	-3.40	
	03MOD-0042		For > 200 To 400, Deduct	-6.79	
	03MOD-0043		For > 400, Deduct	-10.19	
03311-0025	CY		>6", By Crane And Bucket, Place 3000 PSI Concrete Slab On Grade	154.17	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039		For Up To 20, Add	19.67	
	03MOD-0040		For > 20 To 50, Add	7.38	
	03MOD-0041		For > 100 To 200, Deduct	-3.08	
	03MOD-0042		For > 200 To 400, Deduct	-6.17	
	03MOD-0043		For > 400, Deduct	-9.25	



Concrete 03000	CS
Cast-In-Place Concrete 03300	
Normal Weight Structural Concrete 03311	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0026 CY Up To 6", By Direct Chute, Place 3000 PSI Concrete Slab On Grade.....	134.57	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	11.83	
03MOD-0040 For > 20 To 50, Add	4.44	
03MOD-0041 For > 100 To 200, Deduct	-2.69	
03MOD-0042 For > 200 To 400, Deduct	-5.38	
03MOD-0043 For > 400, Deduct	-8.07	
03311-0027 CY >6", By Direct Chute, Place 3000 PSI Concrete Slab On Grade	127.44	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0039 For Up To 20, Add	8.98	
03MOD-0040 For > 20 To 50, Add	3.37	
03MOD-0041 For > 100 To 200, Deduct	-2.55	
03MOD-0042 For > 200 To 400, Deduct	-5.10	
03MOD-0043 For > 400, Deduct	-7.65	
03311-0028 CY Up To 6", By Concrete Pump, Place 3000 PSI Concrete Slab On Grade.....	138.39	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0039 For Up To 20, Add	9.86	
03MOD-0040 For > 20 To 50, Add	3.70	
03MOD-0041 For > 100 To 200, Deduct	-2.77	
03MOD-0042 For > 200 To 400, Deduct	-5.54	
03MOD-0043 For > 400, Deduct	-8.30	
03311-0029 CY >6", By Concrete Pump, Place 3000 PSI Concrete Slab On Grade	132.45	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0039 For Up To 20, Add	7.48	
03MOD-0040 For > 20 To 50, Add	2.81	
03MOD-0041 For > 100 To 200, Deduct	-2.65	
03MOD-0042 For > 200 To 400, Deduct	-5.30	
03MOD-0043 For > 400, Deduct	-7.95	

03311-0030 Place Concrete Duct Bank (03311-0002)

03000 Concrete**03300 Cast-In-Place Concrete****03311 Normal Weight Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0031	CY		Direct Chute, Place 3000 PSI Concrete Duct Bank	129.47	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039		For Up To 20, Add	9.79	
	03MOD-0040		For > 20 To 50, Add	3.67	
	03MOD-0041		For > 100 To 200, Deduct	-2.59	
	03MOD-0042		For > 200 To 400, Deduct	-5.18	
	03MOD-0043		For > 400, Deduct	-7.77	
03311-0032			Place Concrete Stairs <small>(03311-0002)</small>		
03311-0033	CY		Crane And Bucket, Place 3000 PSI On Grade Concrete Stairs	396.57	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039		For Up To 20, Add	116.63	
	03MOD-0040		For > 20 To 50, Add	43.74	
	03MOD-0041		For > 100 To 200, Deduct	-7.93	
	03MOD-0042		For > 200 To 400, Deduct	-15.86	
	03MOD-0043		For > 400, Deduct	-23.79	
03311-0034	CY		Direct Chute, Place 3000 PSI On Grade Concrete Stairs	238.06	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039		For Up To 20, Add	53.22	
	03MOD-0040		For > 20 To 50, Add	19.96	
	03MOD-0041		For > 100 To 200, Deduct	-4.76	
	03MOD-0042		For > 200 To 400, Deduct	-9.52	
	03MOD-0043		For > 400, Deduct	-14.28	
03311-0035	CY		Concrete Pump, Place 3000 PSI On Grade Concrete Stairs	224.64	
			Note: Excludes pumping equipment.		
	03MOD-0027		For 2000 PSI Concrete, Deduct	-6.14	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-3.07	
	03MOD-0029		For 3500 PSI Concrete, Add	5.69	
	03MOD-0030		For 3750 PSI Concrete, Add	7.74	
	03MOD-0031		For 4000 PSI Concrete, Add	9.78	
	03MOD-0032		For 4500 PSI Concrete, Add	11.38	
	03MOD-0033		For 5000 PSI Concrete, Add	12.97	
	03MOD-0034		For 6000 PSI Concrete, Add	30.71	
	03MOD-0035		For White Cement Concrete, Add	13.65	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	11.38	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	34.13	
	03MOD-0039		For Up To 20, Add	44.36	
	03MOD-0040		For > 20 To 50, Add	16.63	
	03MOD-0041		For > 100 To 200, Deduct	-4.49	
	03MOD-0042		For > 200 To 400, Deduct	-8.99	
	03MOD-0043		For > 400, Deduct	-13.48	
03311-0036			Place Concrete Thrust Blocks And Backfill <small>(03311-0002)</small>		



Concrete 03000	03000
Cast-In-Place Concrete	03300
Normal Weight Structural Concrete	03311

CS

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0037	CY Direct Chute, Place 3000 PSI Concrete Thrust Blocks	170.00	
	03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029 For 3500 PSI Concrete, Add	5.25	
	03MOD-0030 For 3750 PSI Concrete, Add	7.14	
	03MOD-0031 For 4000 PSI Concrete, Add	9.03	
	03MOD-0032 For 4500 PSI Concrete, Add	10.50	
	03MOD-0033 For 5000 PSI Concrete, Add	11.97	
	03MOD-0034 For 6000 PSI Concrete, Add	28.35	
	03MOD-0035 For White Cement Concrete, Add	12.60	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0039 For Up To 20, Add	26.00	
	03MOD-0040 For > 20 To 50, Add	9.75	
	03MOD-0041 For > 100 To 200, Deduct	-3.40	
	03MOD-0042 For > 200 To 400, Deduct	-6.80	
	03MOD-0043 For > 400, Deduct	-10.20	
03311-0038	Place Concrete Slurry (03311-0002)		
	Note: 2 bag cement per CY		
03311-0039	CY Direct Chute, Place 1200 PSI Concrete Slurry	156.87	
03311-0040	CY Concrete Pump, Place 1200 PSI Concrete Slurry	146.02	
	Note: Excludes pumping equipment.		
03311-0041	Hand Mix And Place Concrete (03311-0002)		
03311-0042	CF Hand Mix And Place Concrete	23.94	
	Note: For use where conventional equipment access is limited or when directed by the owner.		
	03MOD-0027 For 2000 PSI Concrete, Deduct	-0.24	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-0.12	
	03MOD-0029 For 3500 PSI Concrete, Add	0.22	
	03MOD-0030 For 3750 PSI Concrete, Add	0.31	
	03MOD-0031 For 4000 PSI Concrete, Add	0.39	
	03MOD-0032 For 4500 PSI Concrete, Add	0.45	
	03MOD-0033 For 5000 PSI Concrete, Add	0.51	
	03MOD-0034 For 6000 PSI Concrete, Add	1.21	
	03MOD-0035 For White Cement Concrete, Add	0.54	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	0.58	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	0.45	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	1.35	
03311-0043	Place Concrete Superstructure By Method Indicated (03311-0001)		
	See CSI section 03311-0079 for concrete pump truck.		
03311-0044	Place Elevated Concrete Beams (03311-0043)		
03311-0045	CY Crane And Bucket, Place 3000 PSI Elevated Concrete Beams.....	263.30	
	03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029 For 3500 PSI Concrete, Add	5.25	
	03MOD-0030 For 3750 PSI Concrete, Add	7.14	
	03MOD-0031 For 4000 PSI Concrete, Add	9.03	
	03MOD-0032 For 4500 PSI Concrete, Add	10.50	
	03MOD-0033 For 5000 PSI Concrete, Add	11.97	
	03MOD-0034 For 6000 PSI Concrete, Add	28.35	
	03MOD-0035 For White Cement Concrete, Add	12.60	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044 For Up To 20, Add	63.32	
	03MOD-0045 For > 20 To 50, Add	23.75	
	03MOD-0046 For > 100 To 200, Deduct	-5.27	
	03MOD-0047 For > 200 To 400, Deduct	-10.53	
	03MOD-0048 For > 400, Deduct	-15.80	
03311-0046	CY Concrete Pump, Place 3000 PSI Elevated Concrete Beams.....	182.54	
	Note: Excludes pumping equipment.		
	03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
	03MOD-0029 For 3500 PSI Concrete, Add	5.69	
	03MOD-0030 For 3750 PSI Concrete, Add	7.74	
	03MOD-0031 For 4000 PSI Concrete, Add	9.78	
	03MOD-0032 For 4500 PSI Concrete, Add	11.38	
	03MOD-0033 For 5000 PSI Concrete, Add	12.97	
	03MOD-0034 For 6000 PSI Concrete, Add	30.71	
	03MOD-0035 For White Cement Concrete, Add	13.65	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
	03MOD-0044 For Up To 20, Add	27.52	
	03MOD-0045 For > 20 To 50, Add	10.32	
	03MOD-0046 For > 100 To 200, Deduct	-3.65	
	03MOD-0047 For > 200 To 400, Deduct	-7.30	
	03MOD-0048 For > 400, Deduct	-10.95	

03000 Concrete**03300 Cast-In-Place Concrete****03311 Normal Weight Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03311-0047		Place Elevated Concrete Slab <small>(03311-0043)</small>	
03311-0048	CY	Up To 6", By Crane And Bucket, Place 3000 PSI Elevated Concrete Slab.....	179.52
	03MOD-0027	For 2000 PSI Concrete, Deduct	-5.67
	03MOD-0028	For 2500 PSI Concrete, Deduct	-2.84
	03MOD-0029	For 3500 PSI Concrete, Add	5.25
	03MOD-0030	For 3750 PSI Concrete, Add	7.14
	03MOD-0031	For 4000 PSI Concrete, Add	9.03
	03MOD-0032	For 4500 PSI Concrete, Add	10.50
	03MOD-0033	For 5000 PSI Concrete, Add	11.97
	03MOD-0034	For 6000 PSI Concrete, Add	28.35
	03MOD-0035	For White Cement Concrete, Add	12.60
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	10.50
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	31.50
	03MOD-0044	For Up To 20, Add	29.81
	03MOD-0045	For > 20 To 50, Add	11.18
	03MOD-0046	For > 100 To 200, Deduct	-3.59
	03MOD-0047	For > 200 To 400, Deduct	-7.18
	03MOD-0048	For > 400, Deduct	-10.77
03311-0049	CY	>6", By Crane And Bucket, Place 3000 PSI Elevated Concrete Slab.....	161.55
	03MOD-0027	For 2000 PSI Concrete, Deduct	-5.67
	03MOD-0028	For 2500 PSI Concrete, Deduct	-2.84
	03MOD-0029	For 3500 PSI Concrete, Add	5.25
	03MOD-0030	For 3750 PSI Concrete, Add	7.14
	03MOD-0031	For 4000 PSI Concrete, Add	9.03
	03MOD-0032	For 4500 PSI Concrete, Add	10.50
	03MOD-0033	For 5000 PSI Concrete, Add	11.97
	03MOD-0034	For 6000 PSI Concrete, Add	28.35
	03MOD-0035	For White Cement Concrete, Add	12.60
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	10.50
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	31.50
	03MOD-0044	For Up To 20, Add	22.62
	03MOD-0045	For > 20 To 50, Add	8.48
	03MOD-0046	For > 100 To 200, Deduct	-3.23
	03MOD-0047	For > 200 To 400, Deduct	-6.46
	03MOD-0048	For > 400, Deduct	-9.69
03311-0050	CY	Up To 6", By Concrete Pump, Place 3000 PSI Elevated Concrete Slab.....	146.13
		Note: Excludes pumping equipment.	
	03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14
	03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07
	03MOD-0029	For 3500 PSI Concrete, Add	5.69
	03MOD-0030	For 3750 PSI Concrete, Add	7.74
	03MOD-0031	For 4000 PSI Concrete, Add	9.78
	03MOD-0032	For 4500 PSI Concrete, Add	11.38
	03MOD-0033	For 5000 PSI Concrete, Add	12.97
	03MOD-0034	For 6000 PSI Concrete, Add	30.71
	03MOD-0035	For White Cement Concrete, Add	13.65
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13
	03MOD-0044	For Up To 20, Add	12.95
	03MOD-0045	For > 20 To 50, Add	4.86
	03MOD-0046	For > 100 To 200, Deduct	-2.92
	03MOD-0047	For > 200 To 400, Deduct	-5.85
	03MOD-0048	For > 400, Deduct	-8.77
03311-0051	CY	>6", By Concrete Pump, Place 3000 PSI Elevated Concrete Slab.....	138.32
		Note: Excludes pumping equipment.	
	03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14
	03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07
	03MOD-0029	For 3500 PSI Concrete, Add	5.69
	03MOD-0030	For 3750 PSI Concrete, Add	7.74
	03MOD-0031	For 4000 PSI Concrete, Add	9.78
	03MOD-0032	For 4500 PSI Concrete, Add	11.38
	03MOD-0033	For 5000 PSI Concrete, Add	12.97
	03MOD-0034	For 6000 PSI Concrete, Add	30.71
	03MOD-0035	For White Cement Concrete, Add	13.65
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13
	03MOD-0044	For Up To 20, Add	9.83
	03MOD-0045	For > 20 To 50, Add	3.69
	03MOD-0046	For > 100 To 200, Deduct	-2.77
	03MOD-0047	For > 200 To 400, Deduct	-5.53
	03MOD-0048	For > 400, Deduct	-8.30

 03311-0052 Place Concrete Columns (03311-0043)



Concrete 03000	CS
Cast-In-Place Concrete 03300	
Normal Weight Structural Concrete 03311	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0053 CY 12" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	275.95	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	68.38	
03MOD-0045 For > 20 To 50, Add	25.64	
03MOD-0046 For > 100 To 200, Deduct	-5.52	
03MOD-0047 For > 200 To 400, Deduct	-11.04	
03MOD-0048 For > 400, Deduct	-16.56	
03311-0054 CY 18" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	229.25	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	49.70	
03MOD-0045 For > 20 To 50, Add	18.64	
03MOD-0046 For > 100 To 200, Deduct	-4.59	
03MOD-0047 For > 200 To 400, Deduct	-9.17	
03MOD-0048 For > 400, Deduct	-13.76	
03311-0055 CY 24" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	195.86	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	36.34	
03MOD-0045 For > 20 To 50, Add	13.63	
03MOD-0046 For > 100 To 200, Deduct	-3.92	
03MOD-0047 For > 200 To 400, Deduct	-7.83	
03MOD-0048 For > 400, Deduct	-11.75	
03311-0056 CY 36" Square Or Round, By Crane And Bucket, Place 3000 PSI Concrete Columns	180.98	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	30.39	
03MOD-0045 For > 20 To 50, Add	11.40	
03MOD-0046 For > 100 To 200, Deduct	-3.62	
03MOD-0047 For > 200 To 400, Deduct	-7.24	
03MOD-0048 For > 400, Deduct	-10.86	

03000 Concrete**03300 Cast-In-Place Concrete****03311 Normal Weight Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03311-0057	CY	12" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns	188.04
		Note: Excludes pumping equipment.	
	03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14
	03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07
	03MOD-0029	For 3500 PSI Concrete, Add	5.69
	03MOD-0030	For 3750 PSI Concrete, Add	7.74
	03MOD-0031	For 4000 PSI Concrete, Add	9.78
	03MOD-0032	For 4500 PSI Concrete, Add	11.38
	03MOD-0033	For 5000 PSI Concrete, Add	12.97
	03MOD-0034	For 6000 PSI Concrete, Add	30.71
	03MOD-0035	For White Cement Concrete, Add	13.65
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13
	03MOD-0044	For Up To 20, Add	29.72
	03MOD-0045	For > 20 To 50, Add	11.14
	03MOD-0046	For > 100 To 200, Deduct	-3.76
	03MOD-0047	For > 200 To 400, Deduct	-7.52
	03MOD-0048	For > 400, Deduct	-11.28
03311-0058	CY	18" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns	167.75
		Note: Excludes pumping equipment.	
	03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14
	03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07
	03MOD-0029	For 3500 PSI Concrete, Add	5.69
	03MOD-0030	For 3750 PSI Concrete, Add	7.74
	03MOD-0031	For 4000 PSI Concrete, Add	9.78
	03MOD-0032	For 4500 PSI Concrete, Add	11.38
	03MOD-0033	For 5000 PSI Concrete, Add	12.97
	03MOD-0034	For 6000 PSI Concrete, Add	30.71
	03MOD-0035	For White Cement Concrete, Add	13.65
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13
	03MOD-0044	For Up To 20, Add	21.60
	03MOD-0045	For > 20 To 50, Add	8.10
	03MOD-0046	For > 100 To 200, Deduct	-3.36
	03MOD-0047	For > 200 To 400, Deduct	-6.71
	03MOD-0048	For > 400, Deduct	-10.07
03311-0059	CY	24" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns	153.23
		Note: Excludes pumping equipment.	
	03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14
	03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07
	03MOD-0029	For 3500 PSI Concrete, Add	5.69
	03MOD-0030	For 3750 PSI Concrete, Add	7.74
	03MOD-0031	For 4000 PSI Concrete, Add	9.78
	03MOD-0032	For 4500 PSI Concrete, Add	11.38
	03MOD-0033	For 5000 PSI Concrete, Add	12.97
	03MOD-0034	For 6000 PSI Concrete, Add	30.71
	03MOD-0035	For White Cement Concrete, Add	13.65
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13
	03MOD-0044	For Up To 20, Add	15.79
	03MOD-0045	For > 20 To 50, Add	5.92
	03MOD-0046	For > 100 To 200, Deduct	-3.06
	03MOD-0047	For > 200 To 400, Deduct	-6.13
	03MOD-0048	For > 400, Deduct	-9.19
03311-0060	CY	36" Square Or Round, By Concrete Pump, Place 3000 PSI Concrete Columns	146.76
		Note: Excludes pumping equipment.	
	03MOD-0027	For 2000 PSI Concrete, Deduct	-6.14
	03MOD-0028	For 2500 PSI Concrete, Deduct	-3.07
	03MOD-0029	For 3500 PSI Concrete, Add	5.69
	03MOD-0030	For 3750 PSI Concrete, Add	7.74
	03MOD-0031	For 4000 PSI Concrete, Add	9.78
	03MOD-0032	For 4500 PSI Concrete, Add	11.38
	03MOD-0033	For 5000 PSI Concrete, Add	12.97
	03MOD-0034	For 6000 PSI Concrete, Add	30.71
	03MOD-0035	For White Cement Concrete, Add	13.65
	03MOD-0036	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79
	03MOD-0037	For High Early Strength, Type 3 ASTM C150, Add	11.38
	03MOD-0038	For Lightweight Aggregate, ASTM C330, Add	34.13
	03MOD-0044	For Up To 20, Add	13.20
	03MOD-0045	For > 20 To 50, Add	4.95
	03MOD-0046	For > 100 To 200, Deduct	-2.94
	03MOD-0047	For > 200 To 400, Deduct	-5.87
	03MOD-0048	For > 400, Deduct	-8.81

03311-0061 Place Concrete Walls (03311-0043)



Concrete 03000	03000
Cast-In-Place Concrete	03300
Normal Weight Structural Concrete	03311

03

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0062	CY 8" Thick, By Crane And Bucket, Place 3000 PSI Concrete Walls.....	265.27	
	03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029 For 3500 PSI Concrete, Add	5.25	
	03MOD-0030 For 3750 PSI Concrete, Add	7.14	
	03MOD-0031 For 4000 PSI Concrete, Add	9.03	
	03MOD-0032 For 4500 PSI Concrete, Add	10.50	
	03MOD-0033 For 5000 PSI Concrete, Add	11.97	
	03MOD-0034 For 6000 PSI Concrete, Add	28.35	
	03MOD-0035 For White Cement Concrete, Add	12.60	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044 For Up To 20, Add	64.11	
	03MOD-0045 For > 20 To 50, Add	24.04	
	03MOD-0046 For > 100 To 200, Deduct	-5.31	
	03MOD-0047 For > 200 To 400, Deduct	-10.61	
	03MOD-0048 For > 400, Deduct	-15.92	
03311-0063	CY 12" Thick, By Crane And Bucket, Place 3000 PSI Concrete Walls.....	172.84	
	03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029 For 3500 PSI Concrete, Add	5.25	
	03MOD-0030 For 3750 PSI Concrete, Add	7.14	
	03MOD-0031 For 4000 PSI Concrete, Add	9.03	
	03MOD-0032 For 4500 PSI Concrete, Add	10.50	
	03MOD-0033 For 5000 PSI Concrete, Add	11.97	
	03MOD-0034 For 6000 PSI Concrete, Add	28.35	
	03MOD-0035 For White Cement Concrete, Add	12.60	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044 For Up To 20, Add	27.14	
	03MOD-0045 For > 20 To 50, Add	10.18	
	03MOD-0046 For > 100 To 200, Deduct	-3.46	
	03MOD-0047 For > 200 To 400, Deduct	-6.91	
	03MOD-0048 For > 400, Deduct	-10.37	
03311-0064	CY 15" Thick, By Crane And Bucket, Place 3000 PSI Concrete Walls.....	217.19	
	03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029 For 3500 PSI Concrete, Add	5.25	
	03MOD-0030 For 3750 PSI Concrete, Add	7.14	
	03MOD-0031 For 4000 PSI Concrete, Add	9.03	
	03MOD-0032 For 4500 PSI Concrete, Add	10.50	
	03MOD-0033 For 5000 PSI Concrete, Add	11.97	
	03MOD-0034 For 6000 PSI Concrete, Add	28.35	
	03MOD-0035 For White Cement Concrete, Add	12.60	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044 For Up To 20, Add	44.88	
	03MOD-0045 For > 20 To 50, Add	16.83	
	03MOD-0046 For > 100 To 200, Deduct	-4.34	
	03MOD-0047 For > 200 To 400, Deduct	-8.69	
	03MOD-0048 For > 400, Deduct	-13.03	
03311-0065	CY 8" Thick, By Direct Chute, Place 3000 PSI Concrete Walls.....	178.12	
	03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029 For 3500 PSI Concrete, Add	5.25	
	03MOD-0030 For 3750 PSI Concrete, Add	7.14	
	03MOD-0031 For 4000 PSI Concrete, Add	9.03	
	03MOD-0032 For 4500 PSI Concrete, Add	10.50	
	03MOD-0033 For 5000 PSI Concrete, Add	11.97	
	03MOD-0034 For 6000 PSI Concrete, Add	28.35	
	03MOD-0035 For White Cement Concrete, Add	12.60	
	03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044 For Up To 20, Add	29.25	
	03MOD-0045 For > 20 To 50, Add	10.97	
	03MOD-0046 For > 100 To 200, Deduct	-3.56	
	03MOD-0047 For > 200 To 400, Deduct	-7.12	
	03MOD-0048 For > 400, Deduct	-10.69	

03000 Concrete**03300 Cast-In-Place Concrete****03311 Normal Weight Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0066	CY	12"	Thick, By Direct Chute, Place 3000 PSI Concrete Walls	163.50	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044		For Up To 20, Add	23.40	
	03MOD-0045		For > 20 To 50, Add	8.78	
	03MOD-0046		For > 100 To 200, Deduct	-3.27	
	03MOD-0047		For > 200 To 400, Deduct	-6.54	
	03MOD-0048		For > 400, Deduct	-9.81	
03311-0067	CY	15"	Thick, By Direct Chute, Place 3000 PSI Concrete Walls	156.19	
	03MOD-0027		For 2000 PSI Concrete, Deduct	-5.67	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-2.84	
	03MOD-0029		For 3500 PSI Concrete, Add	5.25	
	03MOD-0030		For 3750 PSI Concrete, Add	7.14	
	03MOD-0031		For 4000 PSI Concrete, Add	9.03	
	03MOD-0032		For 4500 PSI Concrete, Add	10.50	
	03MOD-0033		For 5000 PSI Concrete, Add	11.97	
	03MOD-0034		For 6000 PSI Concrete, Add	28.35	
	03MOD-0035		For White Cement Concrete, Add	12.60	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	10.50	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	31.50	
	03MOD-0044		For Up To 20, Add	20.48	
	03MOD-0045		For > 20 To 50, Add	7.68	
	03MOD-0046		For > 100 To 200, Deduct	-3.12	
	03MOD-0047		For > 200 To 400, Deduct	-6.25	
	03MOD-0048		For > 400, Deduct	-9.37	
03311-0068	CY	8"	Thick, By Concrete Pump, Place 3000 PSI Concrete Walls	183.40	
			Note: Excludes pumping equipment.		
	03MOD-0027		For 2000 PSI Concrete, Deduct	-6.14	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-3.07	
	03MOD-0029		For 3500 PSI Concrete, Add	5.69	
	03MOD-0030		For 3750 PSI Concrete, Add	7.74	
	03MOD-0031		For 4000 PSI Concrete, Add	9.78	
	03MOD-0032		For 4500 PSI Concrete, Add	11.38	
	03MOD-0033		For 5000 PSI Concrete, Add	12.97	
	03MOD-0034		For 6000 PSI Concrete, Add	30.71	
	03MOD-0035		For White Cement Concrete, Add	13.65	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	11.38	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	34.13	
	03MOD-0044		For Up To 20, Add	27.86	
	03MOD-0045		For > 20 To 50, Add	10.45	
	03MOD-0046		For > 100 To 200, Deduct	-3.67	
	03MOD-0047		For > 200 To 400, Deduct	-7.34	
	03MOD-0048		For > 400, Deduct	-11.00	
03311-0069	CY	12"	Thick, By Concrete Pump, Place 3000 PSI Concrete Walls	169.47	
			Note: Excludes pumping equipment.		
	03MOD-0027		For 2000 PSI Concrete, Deduct	-6.14	
	03MOD-0028		For 2500 PSI Concrete, Deduct	-3.07	
	03MOD-0029		For 3500 PSI Concrete, Add	5.69	
	03MOD-0030		For 3750 PSI Concrete, Add	7.74	
	03MOD-0031		For 4000 PSI Concrete, Add	9.78	
	03MOD-0032		For 4500 PSI Concrete, Add	11.38	
	03MOD-0033		For 5000 PSI Concrete, Add	12.97	
	03MOD-0034		For 6000 PSI Concrete, Add	30.71	
	03MOD-0035		For White Cement Concrete, Add	13.65	
	03MOD-0036		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
	03MOD-0037		For High Early Strength, Type 3 ASTM C150, Add	11.38	
	03MOD-0038		For Lightweight Aggregate, ASTM C330, Add	34.13	
	03MOD-0044		For Up To 20, Add	22.29	
	03MOD-0045		For > 20 To 50, Add	8.36	
	03MOD-0046		For > 100 To 200, Deduct	-3.39	
	03MOD-0047		For > 200 To 400, Deduct	-6.78	
	03MOD-0048		For > 400, Deduct	-10.17	



Concrete 03000	CS
Cast-In-Place Concrete 03300	
Normal Weight Structural Concrete 03311	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0070 CY 15" Thick, By Concrete Pump, Place 3000 PSI Concrete Walls	162.50	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0044 For Up To 20, Add	19.50	
03MOD-0045 For > 20 To 50, Add	7.31	
03MOD-0046 For > 100 To 200, Deduct	-3.25	
03MOD-0047 For > 200 To 400, Deduct	-6.50	
03MOD-0048 For > 400, Deduct	-9.75	
03311-0071 Place Elevated Concrete Stairs (03311-0043)		
03311-0072 CY Crane And Bucket, Place 3000 PSI Elevated Concrete Stairs	429.00	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	129.60	
03MOD-0045 For > 20 To 50, Add	48.60	
03MOD-0046 For > 100 To 200, Deduct	-8.58	
03MOD-0047 For > 200 To 400, Deduct	-17.16	
03MOD-0048 For > 400, Deduct	-25.74	
03311-0073 CY Direct Chute, Place 3000 PSI Elevated Concrete Stairs.....	252.83	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	59.13	
03MOD-0045 For > 20 To 50, Add	22.17	
03MOD-0046 For > 100 To 200, Deduct	-5.06	
03MOD-0047 For > 200 To 400, Deduct	-10.11	
03MOD-0048 For > 400, Deduct	-15.17	
03311-0074 CY Concrete Pump, Place 3000 PSI Elevated Concrete Stairs.....	236.94	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0044 For Up To 20, Add	49.28	
03MOD-0045 For > 20 To 50, Add	18.48	
03MOD-0046 For > 100 To 200, Deduct	-4.74	
03MOD-0047 For > 200 To 400, Deduct	-9.48	
03MOD-0048 For > 400, Deduct	-14.22	
03311-0075 Place Concrete Coping (03311-0043)		

03000 Concrete
03300 Cast-In-Place Concrete
03311 Normal Weight Structural Concrete



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0076 CY Crane And Bucket, Place 3000 PSI Concrete Coping	440.20	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	134.08	
03MOD-0045 For > 20 To 50, Add	50.28	
03MOD-0046 For > 100 To 200, Deduct	-8.80	
03MOD-0047 For > 200 To 400, Deduct	-17.61	
03MOD-0048 For > 400, Deduct	-26.41	
03311-0077 CY Direct Chute, Place 3000 PSI Concrete Coping	251.84	
03MOD-0027 For 2000 PSI Concrete, Deduct	-5.67	
03MOD-0028 For 2500 PSI Concrete, Deduct	-2.84	
03MOD-0029 For 3500 PSI Concrete, Add	5.25	
03MOD-0030 For 3750 PSI Concrete, Add	7.14	
03MOD-0031 For 4000 PSI Concrete, Add	9.03	
03MOD-0032 For 4500 PSI Concrete, Add	10.50	
03MOD-0033 For 5000 PSI Concrete, Add	11.97	
03MOD-0034 For 6000 PSI Concrete, Add	28.35	
03MOD-0035 For White Cement Concrete, Add	12.60	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	13.65	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	10.50	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	31.50	
03MOD-0044 For Up To 20, Add	58.74	
03MOD-0045 For > 20 To 50, Add	22.03	
03MOD-0046 For > 100 To 200, Deduct	-5.04	
03MOD-0047 For > 200 To 400, Deduct	-10.07	
03MOD-0048 For > 400, Deduct	-15.11	
03311-0078 CY Concrete Pump, Place 3000 PSI Concrete Coping	336.17	
Note: Excludes pumping equipment.		
03MOD-0027 For 2000 PSI Concrete, Deduct	-6.14	
03MOD-0028 For 2500 PSI Concrete, Deduct	-3.07	
03MOD-0029 For 3500 PSI Concrete, Add	5.69	
03MOD-0030 For 3750 PSI Concrete, Add	7.74	
03MOD-0031 For 4000 PSI Concrete, Add	9.78	
03MOD-0032 For 4500 PSI Concrete, Add	11.38	
03MOD-0033 For 5000 PSI Concrete, Add	12.97	
03MOD-0034 For 6000 PSI Concrete, Add	30.71	
03MOD-0035 For White Cement Concrete, Add	13.65	
03MOD-0036 For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	14.79	
03MOD-0037 For High Early Strength, Type 3 ASTM C150, Add	11.38	
03MOD-0038 For Lightweight Aggregate, ASTM C330, Add	34.13	
03MOD-0044 For Up To 20, Add	88.97	
03MOD-0045 For > 20 To 50, Add	33.36	
03MOD-0046 For > 100 To 200, Deduct	-6.72	
03MOD-0047 For > 200 To 400, Deduct	-13.45	
03MOD-0048 For > 400, Deduct	-20.17	
03311-0079 Concrete Pumping With Boom Truck <small>(03311-0001)</small>		
Note: Includes truck rental, operator, and local travel delivery. For set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach.		
03311-0080 HR 75' Boom Truck For Concrete Placement (70 CY Per Hour Rating)	174.41	
03311-0081 HR 92' Boom Truck For Concrete Placement (70 CY Per Hour Rating)	201.51	
03311-0082 HR 105' Boom Truck For Concrete Placement (90 CY Per Hour Rating)	228.61	
03311-0083 HR 120' Boom Truck For Concrete Placement (90 CY Per Hour Rating)	281.12	
03311-0084 HR 138' Boom Truck For Concrete Placement (100 CY Per Hour Rating)	359.03	
03311-0085 HR 150' Boom Truck For Concrete Placement (100 CY Per Hour Rating)	392.06	
03311-0086 HR 170' Boom Truck For Concrete Placement (100 CY Per Hour Rating)	425.09	
03311-0087 HR Trailer Mounted Concrete Pump	157.47	
Note: Includes hoses		
03311-0088 Concrete Carts <small>(03311-0001)</small>		
Note: Used to place concrete were necessary		
03311-0089 CY 50' Haul, Non-Motorized, Concrete Buggy	18.02	
03311-0090 CY 150' Haul, Non-Motorized, Concrete Buggy	24.13	
03311-0091 CY 250' Haul, Non-Motorized, Concrete Buggy	32.18	
03311-0092 CY 50' Haul, Motorized, Concrete Buggy	8.75	
03311-0093 CY 150' Haul, Motorized, Concrete Buggy	11.72	
03311-0094 CY 250' Haul, Motorized, Concrete Buggy	15.64	
03311-0095 Delivery Fee For Small Purchases <small>(03311)</small>		
03311-0096 CY Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	15.27	



Concrete 03000	CS
Cast-In-Place Concrete 03300	
Normal Weight Structural Concrete 03311	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03311-0097	Equipment Pads <small>(03311)</small>		
03311-0098	Small Concrete Equipment Housekeeping Pad Assemblies <small>(03311-0097)</small>		
	Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project.		
03311-0099	SF 4" Equipment Pad With Wire Mesh.....	12.22	
03311-0100	SF 4" Equipment Pad With Rebar.....	15.12	
03311-0101	SF 6" Equipment Pad With Rebar.....	19.03	
03311-0102	SF 8" Equipment Pad With Rebar.....	23.93	
03311-0103	Floor Hardeners <small>(03311)</small>		
03311-0104	SF Floor Hardener, Metallic, Light Duty 0.3 LB/SF.....	0.82	
03311-0105	SF Floor Hardener, Metallic, Heavy Duty 0.65 LB/SF.....	1.25	
03311-0106	SF Floor Hardener, Non-Metallic, Light Duty 0.3 LB/SF.....	0.78	
03311-0107	SF Floor Hardener, Non-Metallic, Heavy Duty 0.65 LB/SF.....	0.93	
03350	Concrete Finishes <small>(03300)</small>		
03350-0001	Floor Finishes <small>(03350)</small>		
	Note: Task is for final finish type and includes all required prior finishes.		
03350-0002	SF Concrete Floor Finishes, Screed.....	0.67	
	03MOD-0049 For Up To 50 SF, Add	2.68	
	03MOD-0050 For > 50 To 250 SF, Add	0.67	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.07	
	03MOD-0052 For > 7500 SF, Deduct	-0.13	
03350-0003	SF Concrete Floor Finishes, Darby.....	0.80	
	03MOD-0049 For Up To 50 SF, Add	3.20	
	03MOD-0050 For > 50 To 250 SF, Add	0.80	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.08	
	03MOD-0052 For > 7500 SF, Deduct	-0.16	
03350-0004	SF Concrete Floor Finishes, Broom.....	0.88	
	03MOD-0049 For Up To 50 SF, Add	3.52	
	03MOD-0050 For > 50 To 250 SF, Add	0.88	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.09	
	03MOD-0052 For > 7500 SF, Deduct	-0.18	
03350-0005	SF Concrete Floor Finishes, Final Float.....	1.03	
	03MOD-0049 For Up To 50 SF, Add	4.12	
	03MOD-0050 For > 50 To 250 SF, Add	1.03	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.10	
	03MOD-0052 For > 7500 SF, Deduct	-0.21	
03350-0006	SF Concrete Floor Finishes, Steel Trowel.....	1.15	
	03MOD-0049 For Up To 50 SF, Add	4.60	
	03MOD-0050 For > 50 To 250 SF, Add	1.15	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.12	
	03MOD-0052 For > 7500 SF, Deduct	-0.23	
03350-0007	SF Polished Concrete Floor Finish And Seal.....	3.01	
	03MOD-0049 For Up To 50 SF, Add	11.76	
	03MOD-0050 For > 50 To 250 SF, Add	2.94	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.29	
	03MOD-0052 For > 7500 SF, Deduct	-0.59	
03350-0008	SF Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF.....	0.81	
	03MOD-0049 For Up To 50 SF, Add	2.56	
	03MOD-0050 For > 50 To 250 SF, Add	0.64	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.06	
	03MOD-0052 For > 7500 SF, Deduct	-0.13	
03350-0009	SF Silicone Carbide Abrasive Floor Finish 0.25 LB/SF.....	0.89	
	03MOD-0049 For Up To 50 SF, Add	2.56	
	03MOD-0050 For > 50 To 250 SF, Add	0.64	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.06	
	03MOD-0052 For > 7500 SF, Deduct	-0.13	
03350-0010	SF Concrete Floor Finishes, Etch With Acid And Rinse.....	0.64	
	03MOD-0049 For Up To 50 SF, Add	1.24	
	03MOD-0050 For > 50 To 250 SF, Add	0.31	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.03	
	03MOD-0052 For > 7500 SF, Deduct	-0.06	
03350-0011	SF Concrete Floor Finishes, Mechanical Concrete Sand Blasting, Heavy Penetration, Floors, Various Finish Textures.....	4.77	
	03MOD-0049 For Up To 50 SF, Add	16.76	
	03MOD-0050 For > 50 To 250 SF, Add	4.19	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.42	
	03MOD-0052 For > 7500 SF, Deduct	-0.84	
03350-0012	SF Concrete Floor Finishes, Machine Concrete Shot Blasting (Beads, Steel Balls, etc.) Floors, Various Finish Textures.....	3.60	
	03MOD-0049 For Up To 50 SF, Add	11.76	
	03MOD-0050 For > 50 To 250 SF, Add	2.94	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.29	
	03MOD-0052 For > 7500 SF, Deduct	-0.59	
03350-0013	SF Concrete Floor Finishes, Machine.....	1.03	
	03MOD-0049 For Up To 50 SF, Add	4.12	
	03MOD-0050 For > 50 To 250 SF, Add	1.03	
	03MOD-0051 For > 2500 To 7500 SF, Deduct	-0.10	
	03MOD-0052 For > 7500 SF, Deduct	-0.21	

03000 Concrete
03300 Cast-In-Place Concrete
03350 Concrete Finishes



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03350-0014			Wall Finishes <small>(03350)</small>		
03350-0015	SF		Wall Finishes, Burlap Rub With Grout.....	1.17	
	03MOD-0049		For Up To 50 SF, Add	4.44	
	03MOD-0050		For > 50 To 250 SF, Add	1.11	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.11	
	03MOD-0052		For > 7500 SF, Deduct	-0.22	
03350-0016	SF		Wall Finishes, 1/16" Float Finish.....	1.76	
	03MOD-0049		For Up To 50 SF, Add	6.68	
	03MOD-0050		For > 50 To 250 SF, Add	1.67	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.17	
	03MOD-0052		For > 7500 SF, Deduct	-0.33	
03350-0017	SF		Wall Finishes, Etch With Acid And Rinse.....	0.70	
	03MOD-0049		For Up To 50 SF, Add	1.48	
	03MOD-0050		For > 50 To 250 SF, Add	0.37	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.04	
	03MOD-0052		For > 7500 SF, Deduct	-0.07	
03350-0018	SF		Wall Finishes, Bush Hammer Green Concrete	3.56	
	03MOD-0049		For Up To 50 SF, Add	14.12	
	03MOD-0050		For > 50 To 250 SF, Add	3.53	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.35	
	03MOD-0052		For > 7500 SF, Deduct	-0.71	
03350-0019	SF		Wall Finishes, Bush Hammer Cured Concrete	5.52	
	03MOD-0049		For Up To 50 SF, Add	21.84	
	03MOD-0050		For > 50 To 250 SF, Add	5.46	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.55	
	03MOD-0052		For > 7500 SF, Deduct	-1.09	
03350-0020	SF		Wall Finishes, Break Ties And Patch.....	0.68	
	03MOD-0049		For Up To 50 SF, Add	2.40	
	03MOD-0050		For > 50 To 250 SF, Add	0.60	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.06	
	03MOD-0052		For > 7500 SF, Deduct	-0.12	
03350-0021	SF		Wall Finishes, Carborundum Dry Rub.....	2.31	
	03MOD-0049		For Up To 50 SF, Add	8.92	
	03MOD-0050		For > 50 To 250 SF, Add	2.23	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.22	
	03MOD-0052		For > 7500 SF, Deduct	-0.45	
03350-0022	SF		Wall Finishes, Carborundum Wet Rub.....	3.51	
	03MOD-0049		For Up To 50 SF, Add	13.72	
	03MOD-0050		For > 50 To 250 SF, Add	3.43	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.34	
	03MOD-0052		For > 7500 SF, Deduct	-0.69	
03350-0023	SF		Wall Finishes, Mechanical Concrete Sand Blasting, Heavy Penetration, Walls, Various Finish Textures	7.89	
	03MOD-0049		For Up To 50 SF, Add	29.36	
	03MOD-0050		For > 50 To 250 SF, Add	7.34	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.73	
	03MOD-0052		For > 7500 SF, Deduct	-1.47	
03350-0024	SF		Wall Finishes, Light Sand Blast.....	2.21	
			Note: Not for use as sand blasting for existing material		
	03MOD-0049		For Up To 50 SF, Add	8.52	
	03MOD-0050		For > 50 To 250 SF, Add	2.13	
	03MOD-0051		For > 2500 To 7500 SF, Deduct	-0.21	
	03MOD-0052		For > 7500 SF, Deduct	-0.43	
03350-0025			Stamped Finishes <small>(03350)</small>		
03350-0026	SF		Up To 2500 SF Stamped Finish.....	2.63	
03350-0027	SF		>2500 To 10000 SF Stamped Finish	2.38	
03350-0028	SF		> 10000 SF Stamped Finish	2.27	
03360			Special Concrete Finishes <small>(03360)</small>		
03360-0001			Exposed Aggregate Concrete Finish <small>(03360)</small>		
03360-0002	SF		Exposed Aggregate Concrete Floor Finish	2.25	
03360-0003			Rusticated Concrete Finish <small>(03360)</small>		
03360-0004	SF		Rusticated Concrete Finish, Beveled Edge, 1 Use, Add To Formwork	4.48	
03360-0005	SF		Rusticated Concrete Finish, Square Edge, 1 Use, Add To Formwork	5.88	
03360-0006			Solid Board Concrete Finish <small>(03360)</small>		
03360-0007	SF		Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork	9.76	
03360-0008			Grooved Concrete Surface <small>(03360)</small>		
03360-0009			Handicapped Ramps <small>(03360-0008)</small>		
03360-0010	SF		Concrete Grooving For Handicapped Ramps	3.06	



Concrete 03000	CS
Cast-In-Place Concrete 03300	
Specially Placed Concrete 03370	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03370 Specially Placed Concrete (03300)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03350-0000 for applied finish.

03370-0001 Fiber Reinforced, Structural Repair (03370)

03370-0002	SF 1" Thick Shotcrete, Fiber Reinforced	3.42
	03MOD-0053 For Up To 25 SF, Add	0.55
	03MOD-0054 For > 25 To 50 SF, Add	0.31
	03MOD-0055 For > 50 To 150 SF, Add	0.11
03370-0003	SF 2" Thick Shotcrete, Fiber Reinforced	6.27
	03MOD-0053 For Up To 25 SF, Add	0.96
	03MOD-0054 For > 25 To 50 SF, Add	0.54
	03MOD-0055 For > 50 To 150 SF, Add	0.17
03370-0004	SF 3" Thick Shotcrete, Fiber Reinforced	9.36
	03MOD-0053 For Up To 25 SF, Add	1.44
	03MOD-0054 For > 25 To 50 SF, Add	0.81
	03MOD-0055 For > 50 To 150 SF, Add	0.25
03370-0005	SF 4" Thick Shotcrete, Fiber Reinforced	12.41
	03MOD-0053 For Up To 25 SF, Add	1.91
	03MOD-0054 For > 25 To 50 SF, Add	1.07
	03MOD-0055 For > 50 To 150 SF, Add	0.34
03370-0006	SF 6" Thick Shotcrete, Fiber Reinforced	17.81
	03MOD-0053 For Up To 25 SF, Add	2.78
	03MOD-0054 For > 25 To 50 SF, Add	1.56
	03MOD-0055 For > 50 To 150 SF, Add	0.50

03370-0007 Gunite (Dry Mix Shotcrete), Sprayed (03370)

03370-0008	SF 1" Thick Gunite	3.31
	03MOD-0056 For Radius Or Irregular Surface, Add	0.78
	03MOD-0057 For Up To 25 SF, Add	0.62
	03MOD-0058 For > 25 To 50 SF, Add	0.36
	03MOD-0059 For > 50 To 150 SF, Add	0.15
03370-0009	SF 2" Thick Gunite	6.60
	03MOD-0056 For Radius Or Irregular Surface, Add	1.54
	03MOD-0057 For Up To 25 SF, Add	1.24
	03MOD-0058 For > 25 To 50 SF, Add	0.72
	03MOD-0059 For > 50 To 150 SF, Add	0.29
03370-0010	SF 3" Thick Gunite	9.93
	03MOD-0056 For Radius Or Irregular Surface, Add	2.33
	03MOD-0057 For Up To 25 SF, Add	1.87
	03MOD-0058 For > 25 To 50 SF, Add	1.08
	03MOD-0059 For > 50 To 150 SF, Add	0.44
03370-0011	SF 4" Thick Gunite	13.20
	03MOD-0056 For Radius Or Irregular Surface, Add	3.09
	03MOD-0057 For Up To 25 SF, Add	2.48
	03MOD-0058 For > 25 To 50 SF, Add	1.43
	03MOD-0059 For > 50 To 150 SF, Add	0.58

03370-0012 Spray On Concrete Epoxy Grout (03370)

Note: (Sika 224) per thickness per coat

03370-0013	SF 1/2" Thick Coat Spray On Concrete Epoxy Grout	3.81
	03MOD-0060 For Color, Add	1.01
03370-0014	SF 3/4" Thick Coat Spray On Concrete Epoxy Grout	5.21
	03MOD-0060 For Color, Add	1.52
03370-0015	SF 1" Thick Coat Spray On Concrete Epoxy Grout	6.67
	03MOD-0060 For Color, Add	2.03

03390 Concrete Curing (03300)

03390-0001 Curing Materials And Compounds (03390)

03390-0002	CSF Concrete Curing, 7.5 Oz Burlap, 4 Uses	27.80
03390-0003	CSF Concrete Curing, 9 Oz Burlap, 4 Uses	27.86
03390-0004	CSF Concrete Curing, 12 Oz Burlap, 4 Uses	29.64
03390-0005	CSF Concrete Curing, Waterproof Paper, 2 Ply Reinforced	26.55
03390-0006	CSF Concrete Curing, Sprayed Membrane Curing Compound	20.26
03390-0007	CSF Curing Paper	8.55
03390-0008	GAL Curing Compound, 200 To 400 SF/Gallon, 55 Gallon lots	9.54
03390-0009	GAL Curing Compound, 200 To 400 SF/Gallon, 5 Gallon lots	10.69
03390-0010	GAL Curing Compound, Premium Grade, 450 SF/Gallon, 55 Gallon Lots	16.08
03390-0011	GAL Curing Compound, Premium Grade, 450 SF/Gallon, 5 Gallon Lots	17.78
03390-0012	GAL Dustproof Compound, 200 To 600 SF/Gallon, 55 Gallon Lots	9.74
03390-0013	GAL Dustproof Compound, 200 To 600 SF/Gallon, 5 Gallon Lots	11.17
03390-0014	GAL Epoxy Dustproof, Clear, 300 To 400 SF/Coat, Or Transparent, 400 To 600 SF/Coat	70.16

03400 Precast Concrete (03000)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03414 Precast Items (03400)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03414-0001		Precast Items <small>(03414)</small>		
03414-0002		Precast Bumper Curbs <small>(03414-0001)</small>		
03414-0003	EA	Precast Bumper Curbs, 6" x 10" x 7' (0.15 M x 0.25 M x 2.1 M)	49.57	9.85
		<i>03MOD-0061 For 3500 PSI (245 Kg/Cm2) Concrete, Add</i>	0.84	
		<i>03MOD-0062 For 4000 PSI (280 Kg/Cm2) Concrete, Add</i>	1.25	
		<i>03MOD-0063 For 4500 PSI (315 Kg/Cm2) Concrete, Add</i>	1.67	
		<i>03MOD-0064 For 5000 PSI (350 Kg/Cm2) Concrete, Add</i>	2.50	
03414-0004		Precast Splash Blocks <small>(03414-0001)</small>		
03414-0005	EA	Precast Concrete Splash Blocks, Standard Size	11.16	2.90
03414-0006		Precast Landings <small>(03414-0001)</small>		
03414-0007	SF	3" Thick Precast Landing	36.29	
03414-0008	SF	4" Thick Precast Landing	41.94	
03414-0009	SF	5" Thick Precast Landing	48.12	
03414-0010	SF	6" Thick Precast Landing	55.62	
03414-0011		Miscellaneous Items <small>(03414-0001)</small>		
03414-0012	LF	8" Diameter Precast Balustrade, Decorative Shapes.....	60.38	
03414-0013	LF	Precast Rail Cap, <1SF Cross Section	38.76	
03414-0014		Precast Minaret Segments <small>(03414)</small>		
03414-0015		Installation Costs Using A 50 Ton Hydraulic Crane <small>(03414-0014)</small>		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03414-0016		L - Shaped Segments <small>(03414-0015)</small>		
03414-0017	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	254.68	203.75
03414-0018	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	285.39	228.33
03414-0019	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	322.68	258.13
03414-0020	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	344.20	275.36
03414-0021		O - Shaped Segments <small>(03414-0015)</small>		
03414-0022	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	269.16	215.37
03414-0023	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	302.09	241.63
03414-0024	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	342.12	273.67
03414-0025	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	366.40	293.11
03414-0026		Platform Segment <small>(03414-0015)</small>		
03414-0027	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane.....	516.29	413.08
03414-0028	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane.....	624.10	499.24
03414-0029	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane.....	692.59	554.09
03414-0030	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane.....	777.98	622.41
03414-0031		Cap Segment <small>(03414-0015)</small>		
03414-0032	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	282.55	226.02
03414-0033	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	315.51	252.37
03414-0034	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	359.45	287.51
03414-0035	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	383.74	306.95
03414-0036		Installation Costs Using A 90 Ton Crawler Crane <small>(03414-0014)</small>		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03414-0037		L - Shaped Segments <small>(03414-0036)</small>		
03414-0038	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	257.46	205.97
03414-0039	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	288.50	230.82
03414-0040	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	326.21	260.95
03414-0041	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	347.95	278.37
03414-0042		O - Shaped Segment <small>(03414-0036)</small>		
03414-0043	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane.....	272.10	217.72
03414-0044	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane.....	305.39	244.27
03414-0045	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane.....	345.86	276.66
03414-0046	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane.....	370.41	296.31
03414-0047		Platform Segment <small>(03414-0036)</small>		
03414-0048	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	416.04	332.81
03414-0049	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	503.62	402.87



Concrete 03000	03
Precast Concrete 03400	
Precast Items 03414	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03414-0050	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	557.41	445.93
03414-0051	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	630.91	504.69
03414-0052		Cap Segment (03414-0036)		
03414-0053	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	285.64	228.49
03414-0054	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	318.96	255.13
03414-0055	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	363.38	290.65
03414-0056	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	387.93	310.30
03414-0057		Material Costs (03414-0014)		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03414-0058	CY	Precast Concrete Minaret, L-Shaped Segments Including Post Tension Cost, 3000 PSI Concrete	2,812.63	
03414-0059	CY	Precast Concrete Minaret, O-Shaped Segments Including Post Tension Cost, 3000 PSI Concrete	2,812.63	
03414-0060	CY	Precast Concrete Minaret, Platform Segments Including Post Tension Cost, 3000 PSI Concrete	2,812.63	
03414-0061	CY	Precast Concrete Minaret, Cap Segments Including Post Tension Cost, 3000 PSI Concrete	2,812.63	
03414-0062		Precast Accessories (03414)		
		Note: Includes installation labor, material and equipment.		
03414-0063		Bearing Pads For Precast Members (03414-0062)		
03414-0064		Continuous 2" Wide Strips (03414-0063)		
03414-0065	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.05	
		Note: For precast members		
03414-0066	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	1.52	
		Note: For precast members.		
03414-0067	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	2.53	
		Note: For precast members		
03414-0068	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	3.57	
		Note: For precast members		
03414-0069	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips	4.64	
		Note: For precast members		
03414-0070	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	6.68	
		Note: For precast members		
03414-0071		Bearing Pad Pipe Supports (03414-0062)		
03414-0072	LF	4" x 4" Precast Pipe Support	7.10	
03420		Precast Prestressed Sections (03400)		
		Note: Includes material, delivery, labor installation, erection and equipment.		
03420-0001		Slabs, Roof And Floor Members (03420)		
03420-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	6.14	1.61
03420-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	7.41	1.61
03420-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	8.68	1.70
03420-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	9.98	1.78
03420-0006		Tee Members (03420)		
03420-0007		Multiple Tee, Roof And Floor (03420-0006)		
03420-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	12.68	2.10
03420-0009		Double Tee Wall Member (03420-0006)		
03420-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, < 40' Span	20.05	5.72
03420-0011		Single Tee, Short Span, Roof Members (03420-0006)		
03420-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, < 40' Span	15.67	3.46
03420-0013		Single Tee, Long Span, Roof Members (03420-0006)		
03420-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, < 40' Span	17.95	2.98
03420-0015		Prestressed Concrete Items (03420)		
03420-0016		Prestressed Quad Tee (03420-0015)		
03420-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	8.55	0.64
03420-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	8.90	0.64
03420-0019		Prestressed Double Tee (03420-0015)		
03420-0020	SF	Tees, Double Tee, Floor Members, 60' Span	13.82	0.56
03420-0021	SF	Tees, Double Tee, Floor Members, 80' Span	18.89	0.56

03000 Concrete**03400 Precast Concrete****03420 Precast Prestressed Sections**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03420-0022 SF Tees, Double Tee, Roof Members, 30' Span.....	9.85	0.96
03420-0023 SF Tees, Double Tee, Roof Members, 50' Span.....	14.68	0.64
03420-0024 SF Tees, Double Tee, Wall Members, Up To 55' High.....	10.89	1.28
03420-0025 Prestressed Single Tee (03420-0015)		
03420-0026 SF Tees, Single Tee Roof Members, 40' Span.....	16.98	1.45
03420-0027 SF Tees, Single Tee Roof Members, 80' Span.....	19.03	0.88
03420-0028 SF Tees, Single Tee Roof Members, 100' Span.....	24.91	0.80
03420-0029 SF Tees, Single Tee Roof Members, 120' Span.....	26.20	0.80
03420-0030 Prestressed Double Tee Floor Members (03420-0015)		
03420-0031 EA Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'.....	4,274.62	231.95
03420-0032 EA Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'.....	4,658.39	257.73
03420-0033 EA Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'.....	7,687.11	289.95
03420-0034 EA Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'.....	1,763.73	210.94
03420-0035 EA Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'.....	2,282.29	231.95
03420-0036 EA Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'.....	2,868.27	231.95
03420-0037 EA Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'.....	3,193.45	257.73
03420-0038 EA Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'.....	4,054.05	289.95
03420-0039 EA Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'.....	7,153.10	331.51
03420-0040 Prestressed Double Tee Roof Members (03420-0015)		
03420-0041 EA Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'.....	3,395.65	231.95
03420-0042 EA Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'.....	4,424.00	257.73
03420-0043 EA Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'.....	7,159.73	289.95
03420-0044 EA Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'.....	2,314.55	210.94
03420-0045 EA Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'.....	2,446.37	231.95
03420-0046 EA Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'.....	2,692.48	231.95
03420-0047 EA Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'.....	2,783.27	257.73
03420-0048 EA Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'.....	3,643.86	289.95
03420-0049 EA Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'.....	6,156.94	331.51
03421 Plant Produced Pretensioned Prestressed Concrete (03400)		
Note: Includes material, delivery, labor installation, erection and equipment.		
03421-0001 Plant Produced Pretensioned Prestressed Concrete (03421)		
Note: Hollow core slab		
03421-0002 SF Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete.....	8.95	
03421-0003 SF Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete.....	9.34	
03421-0004 SF Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete.....	9.90	
03421-0005 SF Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete.....	10.35	
03421-0006 SF Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete.....	11.21	
03421-0007 Double And Single Tees (03421)		
03421-0008 Double And Single Tees With 16" Roof And Floor Loading (03421-0007)		
03421-0009 SF Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	11.01	
03421-0010 SF Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	10.72	
03421-0011 SF Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	10.11	
03421-0012 SF Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	11.01	
03421-0013 SF Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	10.93	
03421-0014 SF Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	16.49	
03421-0015 SF Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	16.10	
03421-0016 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	15.07	
03421-0017 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	16.49	
03421-0018 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	15.46	
03421-0019 Double And Single Tees With 24" Roof And Floor Loading (03421-0007)		
03421-0020 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	11.33	
03421-0021 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	11.03	
03421-0022 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	10.64	
03421-0023 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	11.33	
03421-0024 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	10.93	
03421-0025 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete.....	16.92	
03421-0026 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete.....	16.52	
03421-0027 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete.....	15.91	
03421-0028 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete.....	16.92	
03421-0029 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete.....	16.41	
03421-0030 Double And Single Tees With 32" Roof And Floor Loading (03421-0007)		
03421-0031 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete.....	12.00	
03421-0032 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete.....	11.60	
03421-0033 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete.....	11.18	



Concrete 03000	CS
Precast Concrete 03400	
Plant Produced Pretensioned Prestressed Concrete 03421	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03421-0034	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	18.02	
03421-0035	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	17.40	
03421-0036	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	16.67	

03470 Precast Retaining Walls (03400)

Note: Includes material, delivery, labor installation and equipment.

03470-0001 Precast Retaining Walls (03470)

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

03470-0002	SF	Precast Concrete Retaining Walls, 10-15' high Tied-back Earth Walls.....	33.10	8.80
03470-0003	SF	Precast Concrete Retaining Walls, 16-20' High Tied-back Earth Walls	32.61	7.07
03470-0004	SF	Precast Concrete Retaining Walls, 21-25' High Tied-back Earth Walls	32.84	5.89
03470-0005	SF	Precast Concrete Retaining Walls, 26-30' High Tied-back Earth Walls	35.18	5.89
03470-0006	SF	Precast Concrete Retaining Walls, > 30' High Tied-back Earth Walls	36.39	5.03

03500 Cementitious Decks And Underlayment (03000)

03510 Gypsum Concrete Deck (03500)

03510-0001 Class A Gypsum Fill Concrete Deck (03510)

03510-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	3.55	0.39
03510-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	4.35	0.46
03510-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	5.18	0.52
03510-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	6.01	0.60
03510-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	6.86	0.66

03510-0007 Formboard For Lightweight Deck (03510)

03510-0008	SF	Gypsum Deck Formboard, 1/2" Drywall For Lightweight Deck	1.27	
03510-0009	SF	Gypsum Deck Formboard, 1" Mineral Fiber Board For Lightweight Deck	1.63	
03510-0010	SF	Gypsum Deck Formboard, 1-1/2" Mineral Fiber Board For Lightweight Deck	3.15	
03510-0011	SF	Gypsum Deck Formboard, 1" Cementitious Fiber Board For Lightweight Deck	1.39	0.38
03510-0012	SF	Gypsum Deck Formboard, 1-1/2" Cementitious Fiber Board For Lightweight Deck	1.66	0.38
03510-0013	SF	Gypsum Deck Formboard, 1" Glass Fiber Board For Lightweight Deck	1.80	0.38
03510-0014	SF	Gypsum Deck Formboard, 1-1/2" Glass Fiber Board For Lightweight Deck	2.19	0.38

03510-0015 Board Deck Supports For Formboard (03510)

03510-0016	SF	Gypsum Deck Formboard Supports, 5' Bulb Tee 40 LB/SF, Span	0.56	0.16
03510-0017	SF	Gypsum Deck Formboard Supports, 8' Bulb Tee 40 LB/SF Span	0.92	0.24

03510-0018 Gypsum Plank (03510)

03510-0019	SF	Insulating Concrete Gypsum Plank, 2" Thick Roof Deck	2.53	
03510-0020	SF	Insulating Concrete Gypsum Plank, 3" Thick Roof Deck	2.45	

03515 Cementitious Wood Fiber Systems (03500)

03515-0001 Cement Fiber Tongue And Groove Planks (03515)

03515-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.24	
03515-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.33	
03515-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.44	
03515-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.78	
03515-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.15	
03515-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.57	
03515-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.09	

03515-0009 Bulb Tees, Sub-Purlins And Grout (03515)

03515-0010	SF	6' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	0.99	
03515-0011	SF	8' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	1.52	

03520 Insulating Concrete Roof Deck (03500)

Note: Add costs for forming to all tasks below. See CSI section 03100-0000 for forming.

03520-0001 Poured Deck (03520)

03520-0002 Perlite Or Vermiculite (03520-0001)

03520-0003	CY	Insulating Roof Deck, Perlite, 1:6 Mix Field Mix, Also Vermiculite	202.06	
		<i>03MOD-0065 For Smooth Trowel Finish, Add</i>	36.87	
		<i>03MOD-0066 For Building > 50' High, Add</i>	18.43	

03520-0004 Lightweight Insulating Concrete Deck, Ready Mix 1 To 6 Mix (03520-0001)

03000 Concrete**03500 Cementitious Decks And Underlayment****03520 Insulating Concrete Roof Deck**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03520-0005	SF	2" Insulating Roof Deck, Ready Mix, 1:6 Mix	2.06	
		03MOD-0065 For Smooth Trowel Finish, Add	0.26	
		03MOD-0066 For Building > 50' High, Add	0.13	
03520-0006	SF	3" Insulating Roof Deck, Ready Mix, 1:6 Mix	2.96	
		03MOD-0065 For Smooth Trowel Finish, Add	0.32	
		03MOD-0066 For Building > 50' High, Add	0.16	
03520-0007		Galvanized Mesh Reinforcing (03520-0001)		
03520-0008	SF	Welded Wire Fabric, 2" Hexagonal Mesh (Keydeck #2160-2-1619)	1.36	
03520-0009		Lightweight Concrete Plank (03520)		
03520-0010	SF	2" Thick Insulating Lightweight Concrete Plank Roof Deck	4.03	
		03MOD-0067 For > 4 To 12 Pitch, Add	0.29	
		03MOD-0068 For > 6 To 12 Pitch, Add	1.73	
03520-0011	SF	2-1/2" Thick Insulating Lightweight Concrete Plank Roof Deck	4.67	
		03MOD-0067 For > 4 To 12 Pitch, Add	0.32	
		03MOD-0068 For > 6 To 12 Pitch, Add	1.89	
03520-0012	SF	3" Thick Insulating Lightweight Concrete Plank Roof Deck	5.38	
		03MOD-0067 For > 4 To 12 Pitch, Add	0.34	
		03MOD-0068 For > 6 To 12 Pitch, Add	2.06	
03520-0013	SF	3-1/2" Thick Insulating Lightweight Concrete Plank Roof Deck	5.64	
		03MOD-0067 For > 4 To 12 Pitch, Add	0.37	
		03MOD-0068 For > 6 To 12 Pitch, Add	2.22	
03520-0014	SF	4" Thick Insulating Lightweight Concrete Plank Roof Deck	5.85	
		03MOD-0067 For > 4 To 12 Pitch, Add	0.39	
		03MOD-0068 For > 6 To 12 Pitch, Add	2.31	
03520-0015		Lightweight Channel Slab (03520)		
03520-0016	SF	2-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	4.49	
03520-0017	SF	3-1/2" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	4.79	
03520-0018	SF	3-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	4.88	
03520-0019	SF	4-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	5.06	
03520-0020	SF	2-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	6.48	
03520-0021	SF	3-1/2" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	6.56	
03520-0022	SF	3-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	6.67	
03520-0023	SF	4-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	6.79	
03530 Concrete Topping (03500)				
		Note: Installed over new or existing concrete.		
03530-0001		Integral Topping Including Hard Trowel Finish (03530)		
		Note: Using 1:1:2 mix		
03530-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	1.74	
03530-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	1.95	
03530-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.27	
03530-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.68	
03530-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.77	
03530-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.19	
03530-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.56	
03530-0009		Granolithic Topping Laid After (03530)		
		Note: Using 1:1:1-1/2 mix		
03530-0010	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	2.93	
03530-0011	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.15	
03530-0012	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.95	
03540 Cementitious Underlayment (03500)				
		Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).		
03540-0001		Self Leveling Underlayment For Concrete Floors (03540)		
		Note: Includes primer.		
03540-0002	SF	1/8" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	1.47	
03540-0003	SF	1/4" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	2.21	
03540-0004	SF	1/2" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	3.70	
03540-0005	SF	3/4" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	5.19	
03540-0006	SF	1" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	6.68	
03540-0007	SF	1- 1/4" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	8.66	
03540-0008	SF	1- 1/2" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	9.66	
03540-0009	SF	1- 3/4" Thick Self Leveling Underlayment For Concrete Floors Including Surface Preparation	12.64	
03600 Grout (03000)				
03610 Grouting For Bases (03600)				



Concrete 03000	03
Grout 03600	03
Grouting For Bases 03610	03

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03610-0001	Nonshrink, Metallic Grout (03610)		
03610-0002	SF 1" Deep Nonshrink Metallic Grout, For Grouting Bases.....	22.13	
03610-0003	SF 2" Deep Nonshrink Metallic Grout, For Grouting Bases.....	33.96	
03610-0004	Fluid Type, Nonmetallic (03610)		
03610-0005	SF 1" Deep Fluid Type Nonmetal Grout, For Grouting Bases.....	16.98	
03610-0006	SF 2" Deep Fluid Type Nonmetal Grout, For Grouting Bases.....	24.94	
03610-0007	Nonshrink, Nonmetallic Grout (03610)		
03610-0008	SF 1" Deep Nonshrink Nonmetallic Grout, For Grouting Bases.....	25.92	
03610-0009	SF 2" Deep Nonshrink Nonmetallic Grout, For Grouting Bases.....	41.31	
03620	Grouting For Joints (03600)		
03620-0001	Nonshrink, Metallic Grout For Joints (03620)		
03620-0002	1/2" Joint Thickness (03620-0001)		
03620-0003	LF 1/2" x 4" Wide Nonshrink Metallic Joint For Grouting Joints.....	1.19	
03620-0004	LF 1/2" x 6" Wide Nonshrink Metallic Joint For Grouting Joints.....	1.50	
03620-0005	LF 1/2" x 8" Wide Nonshrink Metallic Joint For Grouting Joints.....	1.99	
03620-0006	1" Joint Thickness (03620-0001)		
03620-0007	LF 1" x 4" Wide Nonshrink Metallic Joint For Grouting Joints.....	1.61	
03620-0008	LF 1" x 6" Wide Nonshrink Metallic Joint For Grouting Joints.....	2.04	
03620-0009	LF 1" x 8" Wide Nonshrink Metallic Joint For Grouting Joints.....	2.73	
03620-0010	Nonshrink, Nonmetallic Grout For Joints (03620)		
03620-0011	1/2" Joint Thickness (03620-0010)		
03620-0012	LF 1/2" x 4" Wide Nonshrink Non-Metallic Joint For Grouting Joints.....	1.43	
03620-0013	LF 1/2" x 6" Wide Nonshrink Non-Metallic Joint For Grouting Joints.....	1.86	
03620-0014	LF 1/2" x 8" Wide Nonshrink Non-Metallic Joint For Grouting Joints.....	2.45	
03620-0015	1" Joint Thickness (03620-0010)		
03620-0016	LF 1" x 4" Wide Nonshrink Non-Metallic Joint For Grouting Joints.....	2.07	
03620-0017	LF 1" x 6" Wide Nonshrink Non-Metallic Joint For Grouting Joints.....	2.75	
03620-0018	LF 1" x 8" Wide Nonshrink Non-Metallic Joint For Grouting Joints.....	3.67	
03630	Flowable Grout (03600)		
03630-0001	Flowable Grout (03630)		
03630-0002	CY Flowable Grout.....	291.22	
03640	Pressure Grouting Voids (03600)		
03640-0001	Pressure Injected Grouting (03640)		
	Note: By volume of void filled. Includes injection ports.		
03640-0002	CF Pressure Injected Epoxy Grout.....	701.04	
03640-0003	CF Pressure Injected Cementitious Grout.....	98.74	
03900	Concrete Restoration And Cleaning (03000)		
03920	Concrete Resurfacing/Repair (03900)		
	See CSI section 09945-0002 for surface preparation as required.		
03920-0001	High Strength Shotcrete Repair For Small Areas (03920)		
	Note: For isolated, small area repairs of underside of bridge decks, bridge columns, and other concrete members. Includes troweled finish. Excludes chipping, sandblasting, and protection of existing surfaces.		
03920-0002	High Strength Shotcrete Repair For Small Areas (03920-0001)		
03920-0003	EA Mobilize Small Area High Strength Shotcrete Repair Crew.....	552.77	
	03MOD-0074 For Up To 25 SF, Add	276.39	
	03MOD-0075 For > 25 To 50 SF, Add	138.19	
	03MOD-0076 For > 50 To 150 SF, Add	55.28	
03920-0004	SF Small Area High Strength Shotcrete Repair, Up to 2" Thick.....	42.43	
	03MOD-0074 For Up To 25 SF, Add	20.73	
	03MOD-0075 For > 25 To 50 SF, Add	10.37	
	03MOD-0076 For > 50 To 150 SF, Add	4.15	

03000 Concrete**03900 Concrete Restoration And Cleaning****03920 Concrete Resurfacing/Repair**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03920-0005	SF	Small Area High Strength Shotcrete Repair, Up to 4" Thick	50.31	
		03MOD-0074 For Up To 25 SF, Add	24.19	
		03MOD-0075 For > 25 To 50 SF, Add	12.09	
		03MOD-0076 For > 50 To 150 SF, Add	4.84	
03920-0006	SF	Small Area High Strength Shotcrete Repair, Up to 6" Thick	58.20	
		03MOD-0074 For Up To 25 SF, Add	27.64	
		03MOD-0075 For > 25 To 50 SF, Add	13.82	
		03MOD-0076 For > 50 To 150 SF, Add	5.53	
03920-0007		Concrete Repair (03920)		
03920-0008		Decks Or Floors (03920-0007)		
		Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.		
03920-0009	SF	Patch Floors, 1/8" To 1/4", Cementitious Patching Mortar	4.25	
03920-0010	SF	Patch Floors, 1/8" To 1/4", Epoxy Cementitious Patching Mortar	13.38	
03920-0011	SF	Patch Floors, White Aluminum Oxide Grit (Non-Slip Aggregate)	0.38	
03920-0012	SF	WABO HSC Gravity Fed Crack Filler - Horizontal Surfaces	3.27	
03920-0013		Verticals Or Overheads (03920-0007)		
		Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.		
03920-0014	SF	Patch With 1/8" To 1/4" Cementitious Patching Mortar	6.39	
03920-0015	SF	Patch With 1/8" To 1/4" Epoxy Cementitious Patching Mortar	18.36	
03920-0016	SF	Patch With 1/8" To 1/4" Latex Cementitious Patching Mortar	20.66	
03920-0017	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Elastomeric Patching Compound	5.00	
03920-0018	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Copolymer Cementitious Compound	7.08	
		Note: Rapid Set - Wunderfix		
03920-0019		Bridge Deck Treatment (03920-0007)		
03920-0020	SF	Sweep Bridge Deck	0.01	
03920-0021	SF	Clean Bridge Deck	0.01	
03920-0022	SF	Treat Bridge Deck With Methacrylate Resin Sealant	1.15	
03920-0023		Concrete Finishes (03920)		
03920-0024		Concrete Patching (03920-0023)		
03920-0025		Walls (03920-0024)		
03920-0026	BAG	Sika Top 111 Plus	86.79	
		Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).		
		03MOD-0069 For Up To 10, Add	28.37	
		03MOD-0070 For > 10 To 25, Add	17.02	
		03MOD-0071 For > 25 To 50, Add	11.35	
		03MOD-0072 For > 50 To 75, Add	5.67	
03920-0027	BAG	Sika Grout 212, 50# Bag	55.46	
		Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.		
		03MOD-0069 For Up To 10, Add	15.21	
		03MOD-0070 For > 10 To 25, Add	9.13	
		03MOD-0071 For > 25 To 50, Add	6.08	
		03MOD-0072 For > 50 To 75, Add	3.04	
03920-0028	EA	Sika Flex 1A, 10.3 Ounce Tube	23.83	
		Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.		
03920-0029	BAG	Pea Gravel	16.99	
03930		Concrete Rehabilitation (03900)		
03930-0001		Crack Repair For Concrete (03930)		
		Note: Includes chipping, injection ports, sand blasting, cleaning and debris removal.		
03930-0002	LF	Epoxy Injection, Up To 1/4" Wide	37.50	
		03MOD-0073 For Walls Instead Of Floors, Add	3.72	
03930-0003	LF	Epoxy Injection, Over 1/4" Wide	55.71	
		03MOD-0073 For Walls Instead Of Floors, Add	5.52	
03930-0004	LF	Latex Injection, Up To 1/4" Wide	28.33	
		03MOD-0073 For Walls Instead Of Floors, Add	2.82	
03930-0005	LF	Latex Injection, Over 1/4" Wide	41.10	
		03MOD-0073 For Walls Instead Of Floors, Add	4.08	
03930-0006	LF	Urethane Grout Injection Including Oakum Rope	36.77	
		03MOD-0073 For Walls Instead Of Floors, Add	3.66	
03930-0007	SF	Repair Cracks & Seals On Concrete, Includes Removal Of Concrete To 1/2" Depth, Surface Preparation And Cleaning, Repair Of Surface, Grout And Finish	82.39	
		Note: Includes removal of concrete to 1/2" depth, surface preparation, cleaning, repair of surface, grout and finish.		
		03MOD-0073 For Walls Instead Of Floors, Add	6.02	
03930-0008	SF	Epoxy Repair Cracks And Seals On Concrete	24.54	
		03MOD-0073 For Walls Instead Of Floors, Add	1.75	



Concrete 03000	03
Concrete Restoration And Cleaning 03900	
Concrete Rehabilitation 03930	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03930-0009 Corrosive Inhibitor <small>(03930)</small>		
03930-0010 SF Corrosive Inhibitor.....		2.76

END OF SECTION 03

03000 Concrete

03900 Concrete Restoration And Cleaning

03930 Concrete Rehabilitation



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



Masonry 04000	04
Mortar 04100	
Cement And Lime Mortars 04110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04000 Masonry

04100 Mortar (04000)

04110 Cement And Lime Mortars (04100)

04110-0001	Grouting <small>(04110)</small>	
	Note: Does not include reinforcement	
04110-0002	Bond Beams And Lintels, Concrete Fill <small>(04110-0001)</small>	
	Note: Excludes block.	
04110-0003	LF Grout Beams And Lintels - 6" Block Concrete Fill Only, 0.1125 CF/LF, 8" Deep.....	2.84
04110-0004	LF Grout Beams And Lintels - 8" Block Concrete Fill Only, 0.20 CF/LF, 8" Deep.....	3.10
04110-0005	LF Grout Beams And Lintels - 10" Block Concrete Fill Only, 0.25 CF/LF, 8" Deep.....	3.46
04110-0006	LF Grout Beams And Lintels, 12" Block Concrete Fill Only, 0.30 CF/LF, 8" Deep.....	3.87
04110-0007	Concrete Block Cores, Solid Filled <small>(04110-0001)</small>	
	Note: Per SF of face area filled	
04110-0008	SF Grout Concrete Block Cores- 4" Block Concrete Fill Block Solid (0.067 CF/SF).....	2.23
04110-0009	SF Grout Concrete Block Cores- 6" Block Concrete Fill Block Solid (0.175 CF/SF).....	3.23
04110-0010	SF Grout Concrete Block Cores- 8" Block Concrete Fill Block Solid (0.258 CF/SF).....	4.60
04110-0011	SF Grout Concrete Block Cores- 10" Block Concrete Fill Block Solid (0.34 CF/SF).....	5.65
04110-0012	SF Grout Concrete Block Cores- 12" Block Concrete Fill Block Solid (0.422 CF/SF).....	6.66
04110-0013	Cavity Walls <small>(04110-0001)</small>	
	Note: Per SF of face area filled	
04110-0014	SF Grout Cavity Walls - 2" Space Concrete Fill (0.167 CF/SF).....	2.61
04110-0015	SF Grout Cavity Walls - 3" Space Concrete Fill (0.250 CF/SF).....	3.68
04110-0016	SF Grout Cavity Walls - 4" Space Concrete Fill (0.333 CF/SF).....	4.62
04110-0017	SF Grout Cavity Walls - 6" Space Concrete Fill (0.500 CF/SF).....	6.25
04110-0018	Grouting Frames <small>(04110-0001)</small>	
04110-0019	LF Grout Door Frames - Grout Fill.....	4.13
04110-0020	LF Grout Window Frames - Grout Fill.....	3.53
04110-0021	Sand Filled Walls <small>(04110)</small>	
04110-0022	Cavity Walls Sand Fill Concrete Masonry Unit <small>(04110-0021)</small>	
	Note: Per SF of face area filled	
04110-0023	SF Sand Fill Cavity Walls - 2" Space (0.167 CF/SF).....	2.22
04110-0024	SF Sand Fill Cavity Walls - 3" Space (0.250 CF/SF).....	3.07
04110-0025	SF Sand Fill Cavity Walls - 4" Space (0.333 CF/SF).....	3.78
04110-0026	SF Sand Fill Cavity Walls - 6" Space (0.500 CF/SF).....	5.04
04130	Mortar <small>(04100)</small>	
	Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.	
04130-0001	Masonry Cement Mortar <small>(04130)</small>	
	Note: Ratio is bag material to sand.	
04130-0002	CF Type M Masonry Cement 1:1:6 Mix.....	5.08
04130-0003	CF Type N Masonry Cement 1:3 Mix.....	4.69
04130-0004	CF Type O Masonry Cement 1:3 Mix.....	4.81
04130-0005	CF Type PM Masonry Cement 1:1:6 Mix, 2500 PSI.....	5.27
04130-0006	CF Type S Masonry Cement 1/2:1:4 Mix.....	5.55
04130-0007	Mortar Admixture <small>(04130)</small>	
04130-0008	CF Water - Repellent Stearate - Cost Based On CF Of Mortar.....	0.26
04130-0009	CF Pozzolanic Plasticizers - Cost Based On CF Of Mortar.....	0.05
04130-0010	Color Admixtures For Mortar <small>(04130)</small>	
	Note: Costs are based on CF of mortar	
04130-0011	CF Buff Colored Admixture.....	1.64
04130-0012	CF Brown Colored Admixture.....	1.86
04130-0013	CF Black Colored Admixture.....	2.30
04130-0014	CF Red Colored Admixture.....	5.03
04130-0015	Portland Cement <small>(04130)</small>	
04130-0016	CF Normal Portland Cement (Type I).....	8.72
04130-0017	CF Modified Portland Cement (Type II).....	4.35
04130-0018	CF High Early Strength (Type III).....	4.62
04130-0019	CF White Non-Staining Portland Cement.....	9.66

04000 Masonry

04100 Mortar

04130 Mortar

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04130-0020 Cement And Sand Grout On Walls, Up To 1/8" Thick ⁽⁰⁴¹³⁰⁾
04130-0021 SF 1/8" Thick Grout On Walls Cement And Sand Grout4.62

04150 Masonry Accessories ⁽⁰⁴⁰⁰⁰⁾04160 Joint Reinforcement ⁽⁰⁴¹⁵⁰⁾

Note: Includes cutting and bending.

04160-0001 Standard Steel Bars ⁽⁰⁴¹⁶⁰⁾

See CSI section 03210-0000 for listed rebar weights.

04160-0002	LB Horizontal #3 And #4 Rebar Reinforcing.....	1.84
	04MOD-0001 For Epoxy Coating, Add	0.34
	04MOD-0002 For Galvanized Coating, Add	0.45
04160-0003	LB Horizontal #5 And #6 Rebar Reinforcing.....	1.07
	04MOD-0001 For Epoxy Coating, Add	0.34
	04MOD-0002 For Galvanized Coating, Add	0.45
04160-0004	LB Vertical #3 And #4 Rebar Reinforcing.....	2.24
	04MOD-0001 For Epoxy Coating, Add	0.34
	04MOD-0002 For Galvanized Coating, Add	0.45
04160-0005	LB Vertical #5 And #6 Rebar Reinforcing.....	1.23
	04MOD-0001 For Epoxy Coating, Add	0.34
	04MOD-0002 For Galvanized Coating, Add	0.45

04160-0006 Continuous Joint Reinforcing ⁽⁰⁴¹⁶⁰⁾04160-0007 Ladder-Type, Masonry Wall Reinforcement ⁽⁰⁴¹⁶⁰⁻⁰⁰⁰⁶⁾04160-0008 Ladder-Type, Masonry Wall Reinforcement ⁽⁰⁴¹⁶⁰⁻⁰⁰⁰⁷⁾04160-0009 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement ⁽⁰⁴¹⁶⁰⁻⁰⁰⁰⁸⁾

04160-0010	CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	31.29
	04MOD-0069 For Class 1 Mill Galvanized, Add	1.37
	04MOD-0070 For Class 2 Mill Galvanized, Add	2.06
	04MOD-0071 For Hot-Dipped Galvanized, Add	3.43
	04MOD-0072 For Stainless Steel, Add	13.72
	04MOD-0073 For Cavity Drip, Add	0.50
	04MOD-0074 For 3-Wire, Add	8.75
	04MOD-0075 For Double Side Rods, Add	17.50
04160-0011	CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	33.29
	04MOD-0069 For Class 1 Mill Galvanized, Add	1.44
	04MOD-0070 For Class 2 Mill Galvanized, Add	2.16
	04MOD-0071 For Hot-Dipped Galvanized, Add	3.60
	04MOD-0072 For Stainless Steel, Add	14.40
	04MOD-0073 For Cavity Drip, Add	0.50
	04MOD-0074 For 3-Wire, Add	8.75
	04MOD-0075 For Double Side Rods, Add	17.50
04160-0012	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	36.06
	04MOD-0069 For Class 1 Mill Galvanized, Add	1.52
	04MOD-0070 For Class 2 Mill Galvanized, Add	2.28
	04MOD-0071 For Hot-Dipped Galvanized, Add	3.80
	04MOD-0072 For Stainless Steel, Add	15.18
	04MOD-0073 For Cavity Drip, Add	0.50
	04MOD-0074 For 3-Wire, Add	8.75
	04MOD-0075 For Double Side Rods, Add	17.50
04160-0013	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	39.34
	04MOD-0069 For Class 1 Mill Galvanized, Add	1.61
	04MOD-0070 For Class 2 Mill Galvanized, Add	2.41
	04MOD-0071 For Hot-Dipped Galvanized, Add	4.02
	04MOD-0072 For Stainless Steel, Add	16.06
	04MOD-0073 For Cavity Drip, Add	0.50
	04MOD-0074 For 3-Wire, Add	8.75
	04MOD-0075 For Double Side Rods, Add	17.50
04160-0014	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	43.25
	04MOD-0069 For Class 1 Mill Galvanized, Add	1.69
	04MOD-0070 For Class 2 Mill Galvanized, Add	2.54
	04MOD-0071 For Hot-Dipped Galvanized, Add	4.23
	04MOD-0072 For Stainless Steel, Add	16.92
	04MOD-0073 For Cavity Drip, Add	0.50
	04MOD-0074 For 3-Wire, Add	8.75
	04MOD-0075 For Double Side Rods, Add	17.50



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0015 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	46.24	
04MOD-0069 For Class 1 Mill Galvanized, Add	1.73	
04MOD-0070 For Class 2 Mill Galvanized, Add	2.60	
04MOD-0071 For Hot-Dipped Galvanized, Add	4.34	
04MOD-0072 For Stainless Steel, Add	17.34	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0016 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	48.36	
04MOD-0069 For Class 1 Mill Galvanized, Add	1.78	
04MOD-0070 For Class 2 Mill Galvanized, Add	2.67	
04MOD-0071 For Hot-Dipped Galvanized, Add	4.46	
04MOD-0072 For Stainless Steel, Add	17.82	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0017 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	54.21	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.45	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.68	
04MOD-0071 For Hot-Dipped Galvanized, Add	6.13	
04MOD-0072 For Stainless Steel, Add	24.50	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0018 CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.40	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.79	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.68	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.47	
04MOD-0072 For Stainless Steel, Add	37.88	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0019 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04160-0008)</small>		
04160-0020 CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	35.09	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.13	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.20	
04MOD-0071 For Hot-Dipped Galvanized, Add	5.33	
04MOD-0072 For Stainless Steel, Add	21.32	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0021 CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	37.14	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.21	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.32	
04MOD-0071 For Hot-Dipped Galvanized, Add	5.53	
04MOD-0072 For Stainless Steel, Add	22.10	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0022 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	39.95	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.30	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.44	
04MOD-0071 For Hot-Dipped Galvanized, Add	5.74	
04MOD-0072 For Stainless Steel, Add	22.96	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0023 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	43.19	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.38	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.56	
04MOD-0071 For Hot-Dipped Galvanized, Add	5.94	
04MOD-0072 For Stainless Steel, Add	23.76	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0024 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	47.09	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.46	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.69	
04MOD-0071 For Hot-Dipped Galvanized, Add	6.15	
04MOD-0072 For Stainless Steel, Add	24.60	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	

04000 Masonry**04150 Masonry Accessories****04160 Joint Reinforcement**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0025			CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	50.09	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.51	
	04MOD-0070		For Class 2 Mill Galvanized, Add	3.76	
	04MOD-0071		For Hot-Dipped Galvanized, Add	6.27	
	04MOD-0072		For Stainless Steel, Add	25.06	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0026			CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	52.19	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.55	
	04MOD-0070		For Class 2 Mill Galvanized, Add	3.82	
	04MOD-0071		For Hot-Dipped Galvanized, Add	6.37	
	04MOD-0072		For Stainless Steel, Add	25.48	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0027			CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.27	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.46	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.19	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.66	
	04MOD-0072		For Stainless Steel, Add	34.62	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0028			CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	72.07	
	04MOD-0069		For Class 1 Mill Galvanized, Add	5.52	
	04MOD-0070		For Class 2 Mill Galvanized, Add	8.29	
	04MOD-0071		For Hot-Dipped Galvanized, Add	13.81	
	04MOD-0072		For Stainless Steel, Add	55.24	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0029			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		
04160-0030			(04160-0008) CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	38.77	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.87	
	04MOD-0070		For Class 2 Mill Galvanized, Add	4.30	
	04MOD-0071		For Hot-Dipped Galvanized, Add	7.17	
	04MOD-0072		For Stainless Steel, Add	28.68	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0031			CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	41.44	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.03	
	04MOD-0070		For Class 2 Mill Galvanized, Add	4.54	
	04MOD-0071		For Hot-Dipped Galvanized, Add	7.57	
	04MOD-0072		For Stainless Steel, Add	30.26	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0032			CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	44.11	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.18	
	04MOD-0070		For Class 2 Mill Galvanized, Add	4.78	
	04MOD-0071		For Hot-Dipped Galvanized, Add	7.96	
	04MOD-0072		For Stainless Steel, Add	31.84	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0033			CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	48.17	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.37	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.06	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.43	
	04MOD-0072		For Stainless Steel, Add	33.72	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0034			CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	52.25	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.56	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.34	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.90	
	04MOD-0072		For Stainless Steel, Add	35.60	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0035 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	55.87	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.66	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.49	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.15	
04MOD-0072 For Stainless Steel, Add	36.60	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0036 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	57.87	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.75	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.62	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.37	
04MOD-0072 For Stainless Steel, Add	37.46	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0037 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	61.55	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.92	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.88	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.80	
04MOD-0072 For Stainless Steel, Add	39.18	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0038 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	77.02	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.51	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.77	
04MOD-0071 For Hot-Dipped Galvanized, Add	16.28	
04MOD-0072 For Stainless Steel, Add	65.10	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0039 Ladder-Type With Tabs, Masonry Wall Reinforcement (04160-0007)		
04160-0040 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04160-0039)		
04160-0041 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	43.36	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.33	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.50	
04MOD-0071 For Hot-Dipped Galvanized, Add	5.83	
04MOD-0072 For Stainless Steel, Add	23.32	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0042 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	47.96	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.55	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.82	
04MOD-0071 For Hot-Dipped Galvanized, Add	6.37	
04MOD-0072 For Stainless Steel, Add	25.46	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0043 CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	52.42	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.73	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.10	
04MOD-0071 For Hot-Dipped Galvanized, Add	6.84	
04MOD-0072 For Stainless Steel, Add	27.34	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0044 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	56.50	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.84	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.27	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.11	
04MOD-0072 For Stainless Steel, Add	28.44	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0045 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	58.76	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.94	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.42	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.36	
04MOD-0072 For Stainless Steel, Add	29.44	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0046 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	63.04	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.17	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.75	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.92	
04MOD-0072 For Stainless Steel, Add	31.68	
04MOD-0073 For Cavity Drip, Add	0.50	

04000 Masonry**04150 Masonry Accessories****04160 Joint Reinforcement**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0047	CLF	#18	(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	66.80	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.35	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.03	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.39	
	04MOD-0072		For Stainless Steel, Add	33.54	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0048			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04160-0039)</small>		
04160-0049	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	48.09	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.28	
	04MOD-0070		For Class 2 Mill Galvanized, Add	4.92	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.20	
	04MOD-0072		For Stainless Steel, Add	32.78	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0050	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	52.70	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.49	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.24	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.74	
	04MOD-0072		For Stainless Steel, Add	34.94	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0051	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	57.11	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.67	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.51	
	04MOD-0071		For Hot-Dipped Galvanized, Add	9.18	
	04MOD-0072		For Stainless Steel, Add	36.72	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0052	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	61.24	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.79	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.69	
	04MOD-0071		For Hot-Dipped Galvanized, Add	9.48	
	04MOD-0072		For Stainless Steel, Add	37.92	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0053	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	63.50	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.89	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.84	
	04MOD-0071		For Hot-Dipped Galvanized, Add	9.73	
	04MOD-0072		For Stainless Steel, Add	38.92	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0054	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	67.78	
	04MOD-0069		For Class 1 Mill Galvanized, Add	4.12	
	04MOD-0070		For Class 2 Mill Galvanized, Add	6.17	
	04MOD-0071		For Hot-Dipped Galvanized, Add	10.29	
	04MOD-0072		For Stainless Steel, Add	41.16	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0055	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	71.60	
	04MOD-0069		For Class 1 Mill Galvanized, Add	4.31	
	04MOD-0070		For Class 2 Mill Galvanized, Add	6.47	
	04MOD-0071		For Hot-Dipped Galvanized, Add	10.79	
	04MOD-0072		For Stainless Steel, Add	43.14	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0056			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04160-0039)</small>		
04160-0057	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	50.39	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.74	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.61	
	04MOD-0071		For Hot-Dipped Galvanized, Add	9.35	
	04MOD-0072		For Stainless Steel, Add	37.38	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0058	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	55.55	
	04MOD-0069		For Class 1 Mill Galvanized, Add	4.06	
	04MOD-0070		For Class 2 Mill Galvanized, Add	6.10	
	04MOD-0071		For Hot-Dipped Galvanized, Add	10.16	
	04MOD-0072		For Stainless Steel, Add	40.64	
	04MOD-0073		For Cavity Drip, Add	0.50	
04160-0059	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	60.66	
	04MOD-0069		For Class 1 Mill Galvanized, Add	4.38	
	04MOD-0070		For Class 2 Mill Galvanized, Add	6.57	
	04MOD-0071		For Hot-Dipped Galvanized, Add	10.96	
	04MOD-0072		For Stainless Steel, Add	43.82	
	04MOD-0073		For Cavity Drip, Add	0.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0060 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	65.04	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.55	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.83	
04MOD-0071 For Hot-Dipped Galvanized, Add	11.38	
04MOD-0072 For Stainless Steel, Add	45.52	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0061 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	67.58	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.71	
04MOD-0070 For Class 2 Mill Galvanized, Add	7.06	
04MOD-0071 For Hot-Dipped Galvanized, Add	11.77	
04MOD-0072 For Stainless Steel, Add	47.08	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0062 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	72.40	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.04	
04MOD-0070 For Class 2 Mill Galvanized, Add	7.56	
04MOD-0071 For Hot-Dipped Galvanized, Add	12.60	
04MOD-0072 For Stainless Steel, Add	50.40	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0063 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	76.86	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.37	
04MOD-0070 For Class 2 Mill Galvanized, Add	8.05	
04MOD-0071 For Hot-Dipped Galvanized, Add	13.42	
04MOD-0072 For Stainless Steel, Add	53.66	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0064 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04160-0007)</small>		
04160-0065 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04160-0064)</small>		
04160-0066 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	56.10	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.88	
04MOD-0070 For Class 2 Mill Galvanized, Add	7.32	
04MOD-0071 For Hot-Dipped Galvanized, Add	12.20	
04MOD-0072 For Stainless Steel, Add	48.80	
04160-0067 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	60.38	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.03	
04MOD-0070 For Class 2 Mill Galvanized, Add	7.55	
04MOD-0071 For Hot-Dipped Galvanized, Add	12.58	
04MOD-0072 For Stainless Steel, Add	50.30	
04160-0068 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	64.65	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.18	
04MOD-0070 For Class 2 Mill Galvanized, Add	7.77	
04MOD-0071 For Hot-Dipped Galvanized, Add	12.95	
04MOD-0072 For Stainless Steel, Add	51.80	
04160-0069 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	70.78	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.35	
04MOD-0070 For Class 2 Mill Galvanized, Add	8.02	
04MOD-0071 For Hot-Dipped Galvanized, Add	13.37	
04MOD-0072 For Stainless Steel, Add	53.48	
04160-0070 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	74.78	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.52	
04MOD-0070 For Class 2 Mill Galvanized, Add	8.27	
04MOD-0071 For Hot-Dipped Galvanized, Add	13.79	
04MOD-0072 For Stainless Steel, Add	55.16	
04160-0071 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	78.89	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.77	
04MOD-0070 For Class 2 Mill Galvanized, Add	8.66	
04MOD-0071 For Hot-Dipped Galvanized, Add	14.43	
04MOD-0072 For Stainless Steel, Add	57.72	
04160-0072 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04160-0064)</small>		
04160-0073 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	63.53	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.37	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.55	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.92	
04MOD-0072 For Stainless Steel, Add	63.66	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0074	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	67.81	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.52	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.77	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.29	
	04MOD-0072	For Stainless Steel, Add	65.16	
04160-0075	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	72.18	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.69	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.03	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.72	
	04MOD-0072	For Stainless Steel, Add	66.86	
04160-0076	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	78.22	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.84	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.25	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.09	
	04MOD-0072	For Stainless Steel, Add	68.36	
04160-0077	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	82.23	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.01	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.51	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.52	
	04MOD-0072	For Stainless Steel, Add	70.06	
04160-0078	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	85.91	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.18	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.76	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.94	
	04MOD-0072	For Stainless Steel, Add	71.76	
04160-0079		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04160-0064)</small>		
04160-0080	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	64.07	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.47	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.71	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.19	
	04MOD-0072	For Stainless Steel, Add	64.74	
04160-0081	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	68.77	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.71	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.06	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.77	
	04MOD-0072	For Stainless Steel, Add	67.08	
04160-0082	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	73.44	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.94	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.41	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.35	
	04MOD-0072	For Stainless Steel, Add	69.38	
04160-0083	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	80.13	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.22	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.83	
	04MOD-0071	For Hot-Dipped Galvanized, Add	18.05	
	04MOD-0072	For Stainless Steel, Add	72.18	
04160-0084	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	84.67	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.49	
	04MOD-0070	For Class 2 Mill Galvanized, Add	11.24	
	04MOD-0071	For Hot-Dipped Galvanized, Add	18.74	
	04MOD-0072	For Stainless Steel, Add	74.94	
04160-0085	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	88.88	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.77	
	04MOD-0070	For Class 2 Mill Galvanized, Add	11.66	
	04MOD-0071	For Hot-Dipped Galvanized, Add	19.43	
	04MOD-0072	For Stainless Steel, Add	77.70	
04160-0086		Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0007)</small>		
04160-0087		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0086)</small>		
04160-0088	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	61.02	
	04MOD-0069	For Class 1 Mill Galvanized, Add	5.16	
	04MOD-0070	For Class 2 Mill Galvanized, Add	7.74	
	04MOD-0071	For Hot-Dipped Galvanized, Add	12.90	
	04MOD-0072	For Stainless Steel, Add	51.58	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0089	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	65.27	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.30	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.96	
	04MOD-0071 For Hot-Dipped Galvanized, Add	13.26	
	04MOD-0072 For Stainless Steel, Add	53.04	
04160-0090	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	71.30	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.45	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.18	
	04MOD-0071 For Hot-Dipped Galvanized, Add	13.63	
	04MOD-0072 For Stainless Steel, Add	54.52	
04160-0091	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	75.33	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.63	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.44	
	04MOD-0071 For Hot-Dipped Galvanized, Add	14.07	
	04MOD-0072 For Stainless Steel, Add	56.26	
04160-0092	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	79.00	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.79	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.69	
	04MOD-0071 For Hot-Dipped Galvanized, Add	14.49	
	04MOD-0072 For Stainless Steel, Add	57.94	
04160-0093	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	82.64	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.13	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.20	
	04MOD-0071 For Hot-Dipped Galvanized, Add	15.33	
	04MOD-0072 For Stainless Steel, Add	61.32	
04160-0094	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04160-0086)		
04160-0095	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	68.45	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.64	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.97	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.61	
	04MOD-0072 For Stainless Steel, Add	66.44	
04160-0096	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	72.72	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.79	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.19	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.99	
	04MOD-0072 For Stainless Steel, Add	67.94	
04160-0097	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	78.85	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.96	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.44	
	04MOD-0071 For Hot-Dipped Galvanized, Add	17.41	
	04MOD-0072 For Stainless Steel, Add	69.62	
04160-0098	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	82.75	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.11	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.67	
	04MOD-0071 For Hot-Dipped Galvanized, Add	17.78	
	04MOD-0072 For Stainless Steel, Add	71.10	
04160-0099	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	86.43	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.28	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.92	
	04MOD-0071 For Hot-Dipped Galvanized, Add	18.20	
	04MOD-0072 For Stainless Steel, Add	72.80	
04160-0100	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	90.17	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.64	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.46	
	04MOD-0071 For Hot-Dipped Galvanized, Add	19.10	
	04MOD-0072 For Stainless Steel, Add	76.38	
04160-0101	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04160-0086)		
04160-0102	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	68.98	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.75	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.13	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.88	
	04MOD-0072 For Stainless Steel, Add	67.50	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0103	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	73.66	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.98	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.47	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.46	
	04MOD-0072	For Stainless Steel, Add	69.82	
04160-0104	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	80.13	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.22	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.83	
	04MOD-0071	For Hot-Dipped Galvanized, Add	18.05	
	04MOD-0072	For Stainless Steel, Add	72.18	
04160-0105	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	84.67	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.49	
	04MOD-0070	For Class 2 Mill Galvanized, Add	11.24	
	04MOD-0071	For Hot-Dipped Galvanized, Add	18.74	
	04MOD-0072	For Stainless Steel, Add	74.94	
04160-0106	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	88.88	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.77	
	04MOD-0070	For Class 2 Mill Galvanized, Add	11.66	
	04MOD-0071	For Hot-Dipped Galvanized, Add	19.43	
	04MOD-0072	For Stainless Steel, Add	77.70	
04160-0107	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	92.80	
	04MOD-0069	For Class 1 Mill Galvanized, Add	8.16	
	04MOD-0070	For Class 2 Mill Galvanized, Add	12.25	
	04MOD-0071	For Hot-Dipped Galvanized, Add	20.41	
	04MOD-0072	For Stainless Steel, Add	81.64	
04160-0108		Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0007)		
04160-0109		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0108)		
04160-0110	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	58.57	
	04MOD-0069	For Class 1 Mill Galvanized, Add	4.67	
	04MOD-0070	For Class 2 Mill Galvanized, Add	7.00	
	04MOD-0071	For Hot-Dipped Galvanized, Add	11.67	
	04MOD-0072	For Stainless Steel, Add	46.68	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0111	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	62.70	
	04MOD-0069	For Class 1 Mill Galvanized, Add	4.79	
	04MOD-0070	For Class 2 Mill Galvanized, Add	7.19	
	04MOD-0071	For Hot-Dipped Galvanized, Add	11.98	
	04MOD-0072	For Stainless Steel, Add	47.90	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0112	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	68.64	
	04MOD-0069	For Class 1 Mill Galvanized, Add	4.92	
	04MOD-0070	For Class 2 Mill Galvanized, Add	7.38	
	04MOD-0071	For Hot-Dipped Galvanized, Add	12.30	
	04MOD-0072	For Stainless Steel, Add	49.20	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0113	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	72.49	
	04MOD-0069	For Class 1 Mill Galvanized, Add	5.06	
	04MOD-0070	For Class 2 Mill Galvanized, Add	7.59	
	04MOD-0071	For Hot-Dipped Galvanized, Add	12.65	
	04MOD-0072	For Stainless Steel, Add	50.58	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0114	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	76.05	
	04MOD-0069	For Class 1 Mill Galvanized, Add	5.20	
	04MOD-0070	For Class 2 Mill Galvanized, Add	7.81	
	04MOD-0071	For Hot-Dipped Galvanized, Add	13.01	
	04MOD-0072	For Stainless Steel, Add	52.04	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0115	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	78.65	
	04MOD-0069	For Class 1 Mill Galvanized, Add	5.33	
	04MOD-0070	For Class 2 Mill Galvanized, Add	8.00	
	04MOD-0071	For Hot-Dipped Galvanized, Add	13.34	
	04MOD-0072	For Stainless Steel, Add	53.34	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0116		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0108)		



MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0117		CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	65.54	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.06	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.09	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.16	
	04MOD-0072	For Stainless Steel, Add	60.62	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0118		CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	69.54	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.16	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.24	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.40	
	04MOD-0072	For Stainless Steel, Add	61.58	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0119		CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	75.50	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.29	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.44	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.73	
	04MOD-0072	For Stainless Steel, Add	62.92	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0120		CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	79.31	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.42	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.63	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.06	
	04MOD-0072	For Stainless Steel, Add	64.22	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0121		CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	82.79	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.55	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.83	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.38	
	04MOD-0072	For Stainless Steel, Add	65.52	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0122		CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	86.15	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.83	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.25	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.09	
	04MOD-0072	For Stainless Steel, Add	68.34	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0123		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0108)		
04160-0124		CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	66.06	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.17	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.25	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.42	
	04MOD-0072	For Stainless Steel, Add	61.66	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0125		CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	70.69	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.39	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.58	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.97	
	04MOD-0072	For Stainless Steel, Add	63.88	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0126		CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	77.08	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.61	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.91	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.52	
	04MOD-0072	For Stainless Steel, Add	66.08	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0127		CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	81.57	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.87	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.31	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.19	
	04MOD-0072	For Stainless Steel, Add	68.74	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	
04160-0128		CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	85.72	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.14	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.71	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.85	
	04MOD-0072	For Stainless Steel, Add	71.38	
	04MOD-0076	For Seismic Hook And Eye, Add	27.50	



MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI UOM		UNIT COST	UNIT COST
04160-0129	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	88.98	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.40	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.10	
	04MOD-0071 For Hot-Dipped Galvanized, Add	18.50	
	04MOD-0072 For Stainless Steel, Add	74.00	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0130	Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04160-0007)		
04160-0131	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04160-0130)		
04160-0132	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	63.48	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.95	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.42	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.37	
	04MOD-0072 For Stainless Steel, Add	49.46	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0133	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	69.37	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.07	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.60	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.67	
	04MOD-0072 For Stainless Steel, Add	50.66	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0134	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	73.12	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.18	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.78	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.96	
	04MOD-0072 For Stainless Steel, Add	51.84	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0135	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	76.72	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.34	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.01	
	04MOD-0071 For Hot-Dipped Galvanized, Add	13.35	
	04MOD-0072 For Stainless Steel, Add	53.38	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0136	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	79.36	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.48	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.21	
	04MOD-0071 For Hot-Dipped Galvanized, Add	13.69	
	04MOD-0072 For Stainless Steel, Add	54.76	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0137	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04160-0130)		
04160-0138	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	70.20	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.29	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.44	
	04MOD-0071 For Hot-Dipped Galvanized, Add	15.73	
	04MOD-0072 For Stainless Steel, Add	62.90	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0139	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	76.14	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.42	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.63	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.05	
	04MOD-0072 For Stainless Steel, Add	64.20	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0140	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	79.99	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.56	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.84	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.40	
	04MOD-0072 For Stainless Steel, Add	65.58	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0141	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	83.38	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.67	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.01	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.68	
	04MOD-0072 For Stainless Steel, Add	66.70	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0142 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	86.08	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.82	
04MOD-0070 For Class 2 Mill Galvanized, Add	10.23	
04MOD-0071 For Hot-Dipped Galvanized, Add	17.05	
04MOD-0072 For Stainless Steel, Add	68.20	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0143 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04160-0130)		
04160-0144 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	70.89	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.43	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.64	
04MOD-0071 For Hot-Dipped Galvanized, Add	16.07	
04MOD-0072 For Stainless Steel, Add	64.28	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0145 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	77.29	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.65	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.98	
04MOD-0071 For Hot-Dipped Galvanized, Add	16.63	
04MOD-0072 For Stainless Steel, Add	66.50	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0146 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	81.57	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.87	
04MOD-0070 For Class 2 Mill Galvanized, Add	10.31	
04MOD-0071 For Hot-Dipped Galvanized, Add	17.19	
04MOD-0072 For Stainless Steel, Add	68.74	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0147 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	85.72	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.14	
04MOD-0070 For Class 2 Mill Galvanized, Add	10.71	
04MOD-0071 For Hot-Dipped Galvanized, Add	17.85	
04MOD-0072 For Stainless Steel, Add	71.38	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0148 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	88.98	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.40	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.10	
04MOD-0071 For Hot-Dipped Galvanized, Add	18.50	
04MOD-0072 For Stainless Steel, Add	74.00	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0149 Truss-Type, Masonry Wall Reinforcement (04160-0006)		
04160-0150 Truss-Type, Masonry Wall Reinforcement (04160-0149)		
04160-0151 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04160-0150)		
04160-0152 CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	34.15	
04MOD-0069 For Class 1 Mill Galvanized, Add	1.94	
04MOD-0070 For Class 2 Mill Galvanized, Add	2.92	
04MOD-0071 For Hot-Dipped Galvanized, Add	4.86	
04MOD-0072 For Stainless Steel, Add	19.44	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0153 CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	35.92	
04MOD-0069 For Class 1 Mill Galvanized, Add	1.97	
04MOD-0070 For Class 2 Mill Galvanized, Add	2.95	
04MOD-0071 For Hot-Dipped Galvanized, Add	4.92	
04MOD-0072 For Stainless Steel, Add	19.66	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0154 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	38.69	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.04	
04MOD-0070 For Class 2 Mill Galvanized, Add	3.07	
04MOD-0071 For Hot-Dipped Galvanized, Add	5.11	
04MOD-0072 For Stainless Steel, Add	20.44	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	

04000 Masonry**04150 Masonry Accessories****04160 Joint Reinforcement**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0155	CLF	#10	(For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	42.03	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.14	
	04MOD-0070		For Class 2 Mill Galvanized, Add	3.22	
	04MOD-0071		For Hot-Dipped Galvanized, Add	5.36	
	04MOD-0072		For Stainless Steel, Add	21.44	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0156	CLF	#12	(For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	46.08	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.26	
	04MOD-0070		For Class 2 Mill Galvanized, Add	3.39	
	04MOD-0071		For Hot-Dipped Galvanized, Add	5.65	
	04MOD-0072		For Stainless Steel, Add	22.58	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0157	CLF	#13	(For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	49.16	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.32	
	04MOD-0070		For Class 2 Mill Galvanized, Add	3.48	
	04MOD-0071		For Hot-Dipped Galvanized, Add	5.80	
	04MOD-0072		For Stainless Steel, Add	23.18	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0158	CLF	#14	(For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	51.17	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.41	
	04MOD-0070		For Class 2 Mill Galvanized, Add	3.61	
	04MOD-0071		For Hot-Dipped Galvanized, Add	6.02	
	04MOD-0072		For Stainless Steel, Add	24.06	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0159	CLF	#16	(For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	58.86	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.38	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.07	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.45	
	04MOD-0072		For Stainless Steel, Add	33.80	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0160	CLF	#18	(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	62.32	
	04MOD-0069		For Class 1 Mill Galvanized, Add	3.57	
	04MOD-0070		For Class 2 Mill Galvanized, Add	5.36	
	04MOD-0071		For Hot-Dipped Galvanized, Add	8.94	
	04MOD-0072		For Stainless Steel, Add	35.74	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0161	CLF	#20	(For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	78.51	
	04MOD-0069		For Class 1 Mill Galvanized, Add	6.18	
	04MOD-0070		For Class 2 Mill Galvanized, Add	9.27	
	04MOD-0071		For Hot-Dipped Galvanized, Add	15.46	
	04MOD-0072		For Stainless Steel, Add	61.82	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0162			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04160-0150)</small>		
04160-0163	CLF	#4	(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	37.91	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.70	
	04MOD-0070		For Class 2 Mill Galvanized, Add	4.04	
	04MOD-0071		For Hot-Dipped Galvanized, Add	6.74	
	04MOD-0072		For Stainless Steel, Add	26.96	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	
04160-0164	CLF	#6	(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	39.76	
	04MOD-0069		For Class 1 Mill Galvanized, Add	2.73	
	04MOD-0070		For Class 2 Mill Galvanized, Add	4.10	
	04MOD-0071		For Hot-Dipped Galvanized, Add	6.84	
	04MOD-0072		For Stainless Steel, Add	27.34	
	04MOD-0073		For Cavity Drip, Add	0.50	
	04MOD-0074		For 3-Wire, Add	8.75	
	04MOD-0075		For Double Side Rods, Add	17.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0165 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	42.53	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.81	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.22	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.03	
04MOD-0072 For Stainless Steel, Add	28.12	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0166 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	45.86	
04MOD-0069 For Class 1 Mill Galvanized, Add	2.91	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.37	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.28	
04MOD-0072 For Stainless Steel, Add	29.10	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0167 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	49.86	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.01	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.52	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.54	
04MOD-0072 For Stainless Steel, Add	30.14	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0168 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	52.98	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.08	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.63	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.71	
04MOD-0072 For Stainless Steel, Add	30.84	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0169 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	54.94	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.16	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.74	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.90	
04MOD-0072 For Stainless Steel, Add	31.60	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0170 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	63.93	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.39	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.59	
04MOD-0071 For Hot-Dipped Galvanized, Add	10.99	
04MOD-0072 For Stainless Steel, Add	43.94	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0171 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	67.38	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.59	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.88	
04MOD-0071 For Hot-Dipped Galvanized, Add	11.47	
04MOD-0072 For Stainless Steel, Add	45.86	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0172 CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.77	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.66	
04MOD-0070 For Class 2 Mill Galvanized, Add	13.00	
04MOD-0071 For Hot-Dipped Galvanized, Add	21.66	
04MOD-0072 For Stainless Steel, Add	86.64	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	
04160-0173 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		
(04160-0150)		
04160-0174 CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	43.67	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.85	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.77	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.62	
04MOD-0072 For Stainless Steel, Add	38.48	
04MOD-0073 For Cavity Drip, Add	0.50	
04MOD-0074 For 3-Wire, Add	8.75	
04MOD-0075 For Double Side Rods, Add	17.50	

04000 Masonry**04150 Masonry Accessories****04160 Joint Reinforcement**

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0175	CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	45.79	
	04MOD-0069 For Class 1 Mill Galvanized, Add	3.90	
	04MOD-0070 For Class 2 Mill Galvanized, Add	5.84	
	04MOD-0071 For Hot-Dipped Galvanized, Add	9.74	
	04MOD-0072 For Stainless Steel, Add	38.96	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0176	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	48.38	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.04	
	04MOD-0070 For Class 2 Mill Galvanized, Add	6.06	
	04MOD-0071 For Hot-Dipped Galvanized, Add	10.10	
	04MOD-0072 For Stainless Steel, Add	40.38	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0177	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	52.48	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.23	
	04MOD-0070 For Class 2 Mill Galvanized, Add	6.35	
	04MOD-0071 For Hot-Dipped Galvanized, Add	10.59	
	04MOD-0072 For Stainless Steel, Add	42.34	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0178	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	56.84	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.48	
	04MOD-0070 For Class 2 Mill Galvanized, Add	6.72	
	04MOD-0071 For Hot-Dipped Galvanized, Add	11.20	
	04MOD-0072 For Stainless Steel, Add	44.78	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0179	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	60.51	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.59	
	04MOD-0070 For Class 2 Mill Galvanized, Add	6.88	
	04MOD-0071 For Hot-Dipped Galvanized, Add	11.47	
	04MOD-0072 For Stainless Steel, Add	45.88	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0180	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	62.91	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.75	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.13	
	04MOD-0071 For Hot-Dipped Galvanized, Add	11.89	
	04MOD-0072 For Stainless Steel, Add	47.54	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0181	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.33	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.67	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.01	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.69	
	04MOD-0072 For Stainless Steel, Add	66.74	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0182	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	79.73	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.05	
	04MOD-0070 For Class 2 Mill Galvanized, Add	10.58	
	04MOD-0071 For Hot-Dipped Galvanized, Add	17.63	
	04MOD-0072 For Stainless Steel, Add	70.52	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0183	CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.56	
	04MOD-0069 For Class 1 Mill Galvanized, Add	12.19	
	04MOD-0070 For Class 2 Mill Galvanized, Add	18.29	
	04MOD-0071 For Hot-Dipped Galvanized, Add	30.48	
	04MOD-0072 For Stainless Steel, Add	121.92	
	04MOD-0073 For Cavity Drip, Add	0.50	
	04MOD-0074 For 3-Wire, Add	8.75	
	04MOD-0075 For Double Side Rods, Add	17.50	
04160-0184	Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04160-0149)</small>		
04160-0185	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04160-0184)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0186 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	46.94	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.05	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.57	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.62	
04MOD-0072 For Stainless Steel, Add	30.48	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0187 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	51.20	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.19	
04MOD-0070 For Class 2 Mill Galvanized, Add	4.79	
04MOD-0071 For Hot-Dipped Galvanized, Add	7.99	
04MOD-0072 For Stainless Steel, Add	31.94	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0188 CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	55.65	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.38	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.07	
04MOD-0071 For Hot-Dipped Galvanized, Add	8.45	
04MOD-0072 For Stainless Steel, Add	33.80	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0189 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	59.83	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.51	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.27	
04MOD-0071 For Hot-Dipped Galvanized, Add	8.78	
04MOD-0072 For Stainless Steel, Add	35.10	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0190 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	62.12	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.62	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.42	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.04	
04MOD-0072 For Stainless Steel, Add	36.16	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0191 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	66.57	
04MOD-0069 For Class 1 Mill Galvanized, Add	3.87	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.81	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.69	
04MOD-0072 For Stainless Steel, Add	38.74	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0192 CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	70.69	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.13	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.20	
04MOD-0071 For Hot-Dipped Galvanized, Add	10.33	
04MOD-0072 For Stainless Steel, Add	41.32	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0193 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04160-0184)</small>		
04160-0194 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	51.68	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.00	
04MOD-0070 For Class 2 Mill Galvanized, Add	5.99	
04MOD-0071 For Hot-Dipped Galvanized, Add	9.99	
04MOD-0072 For Stainless Steel, Add	39.96	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0195 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	55.96	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.15	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.22	
04MOD-0071 For Hot-Dipped Galvanized, Add	10.37	
04MOD-0072 For Stainless Steel, Add	41.46	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0196 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	60.39	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.33	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.49	
04MOD-0071 For Hot-Dipped Galvanized, Add	10.82	
04MOD-0072 For Stainless Steel, Add	43.28	
04MOD-0073 For Cavity Drip, Add	0.50	
04160-0197 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry		
Wall Reinforcement	64.57	
04MOD-0069 For Class 1 Mill Galvanized, Add	4.46	
04MOD-0070 For Class 2 Mill Galvanized, Add	6.69	
04MOD-0071 For Hot-Dipped Galvanized, Add	11.15	
04MOD-0072 For Stainless Steel, Add	44.58	
04MOD-0073 For Cavity Drip, Add	0.50	

04000 Masonry**04150 Masonry Accessories****04160 Joint Reinforcement**

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI UOM		UNIT COST	UNIT COST
04160-0198	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	66.84	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.56	
	04MOD-0070 For Class 2 Mill Galvanized, Add	6.84	
	04MOD-0071 For Hot-Dipped Galvanized, Add	11.40	
	04MOD-0072 For Stainless Steel, Add	45.60	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0199	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	71.30	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.82	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.23	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.05	
	04MOD-0072 For Stainless Steel, Add	48.20	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0200	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	75.44	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.08	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.62	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.71	
	04MOD-0072 For Stainless Steel, Add	50.82	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0201	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04160-0194)</small>		
04160-0202	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	56.08	
	04MOD-0069 For Class 1 Mill Galvanized, Add	4.88	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.31	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.19	
	04MOD-0072 For Stainless Steel, Add	48.76	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0203	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	60.77	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.11	
	04MOD-0070 For Class 2 Mill Galvanized, Add	7.66	
	04MOD-0071 For Hot-Dipped Galvanized, Add	12.77	
	04MOD-0072 For Stainless Steel, Add	51.08	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0204	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	65.87	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.42	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.14	
	04MOD-0071 For Hot-Dipped Galvanized, Add	13.56	
	04MOD-0072 For Stainless Steel, Add	54.24	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0205	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	70.26	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.60	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.39	
	04MOD-0071 For Hot-Dipped Galvanized, Add	13.99	
	04MOD-0072 For Stainless Steel, Add	55.96	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0206	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	72.88	
	04MOD-0069 For Class 1 Mill Galvanized, Add	5.77	
	04MOD-0070 For Class 2 Mill Galvanized, Add	8.65	
	04MOD-0071 For Hot-Dipped Galvanized, Add	14.42	
	04MOD-0072 For Stainless Steel, Add	57.68	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0207	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	77.99	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.16	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.24	
	04MOD-0071 For Hot-Dipped Galvanized, Add	15.40	
	04MOD-0072 For Stainless Steel, Add	61.58	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0208	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	82.42	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.48	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.72	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.20	
	04MOD-0072 For Stainless Steel, Add	64.78	
	04MOD-0073 For Cavity Drip, Add	0.50	
04160-0209	Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04160-0149)</small>		
04160-0210	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04160-0209)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0211 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	61.73	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.01	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.01	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.02	
04MOD-0072 For Stainless Steel, Add	60.06	
04160-0212 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	65.47	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.05	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.07	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.12	
04MOD-0072 For Stainless Steel, Add	60.48	
04160-0213 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	69.73	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.20	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.29	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.49	
04MOD-0072 For Stainless Steel, Add	61.96	
04160-0214 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	75.99	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.39	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.59	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.98	
04MOD-0072 For Stainless Steel, Add	63.90	
04160-0215 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	80.31	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.62	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.93	
04MOD-0071 For Hot-Dipped Galvanized, Add	16.56	
04MOD-0072 For Stainless Steel, Add	66.22	
04160-0216 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	84.54	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.90	
04MOD-0070 For Class 2 Mill Galvanized, Add	10.35	
04MOD-0071 For Hot-Dipped Galvanized, Add	17.26	
04MOD-0072 For Stainless Steel, Add	69.02	
04160-0217 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04160-0209)		
04160-0218 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	69.07	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.47	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.21	
04MOD-0071 For Hot-Dipped Galvanized, Add	18.69	
04MOD-0072 For Stainless Steel, Add	74.74	
04160-0219 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	72.91	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.54	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.30	
04MOD-0071 For Hot-Dipped Galvanized, Add	18.84	
04MOD-0072 For Stainless Steel, Add	75.36	
04160-0220 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	77.17	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.68	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.53	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.21	
04MOD-0072 For Stainless Steel, Add	76.84	
04160-0221 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	83.42	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.88	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.81	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.69	
04MOD-0072 For Stainless Steel, Add	78.76	
04160-0222 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	87.64	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.09	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.13	
04MOD-0071 For Hot-Dipped Galvanized, Add	20.22	
04MOD-0072 For Stainless Steel, Add	80.88	
04160-0223 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	91.54	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.30	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.45	
04MOD-0071 For Hot-Dipped Galvanized, Add	20.76	
04MOD-0072 For Stainless Steel, Add	83.02	
04160-0224 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04160-0209)		

04000 Masonry**04150 Masonry Accessories****04160 Joint Reinforcement**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0225	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	73.09	
	04MOD-0069	For Class 1 Mill Galvanized, Add	8.28	
	04MOD-0070	For Class 2 Mill Galvanized, Add	12.42	
	04MOD-0071	For Hot-Dipped Galvanized, Add	20.70	
	04MOD-0072	For Stainless Steel, Add	82.78	
04160-0226	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	76.94	
	04MOD-0069	For Class 1 Mill Galvanized, Add	8.34	
	04MOD-0070	For Class 2 Mill Galvanized, Add	12.51	
	04MOD-0071	For Hot-Dipped Galvanized, Add	20.86	
	04MOD-0072	For Stainless Steel, Add	83.42	
04160-0227	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	81.61	
	04MOD-0069	For Class 1 Mill Galvanized, Add	8.57	
	04MOD-0070	For Class 2 Mill Galvanized, Add	12.86	
	04MOD-0071	For Hot-Dipped Galvanized, Add	21.43	
	04MOD-0072	For Stainless Steel, Add	85.72	
04160-0228	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	88.41	
	04MOD-0069	For Class 1 Mill Galvanized, Add	8.87	
	04MOD-0070	For Class 2 Mill Galvanized, Add	13.31	
	04MOD-0071	For Hot-Dipped Galvanized, Add	22.19	
	04MOD-0072	For Stainless Steel, Add	88.74	
04160-0229	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	93.48	
	04MOD-0069	For Class 1 Mill Galvanized, Add	9.26	
	04MOD-0070	For Class 2 Mill Galvanized, Add	13.88	
	04MOD-0071	For Hot-Dipped Galvanized, Add	23.14	
	04MOD-0072	For Stainless Steel, Add	92.56	
04160-0230	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	98.43	
	04MOD-0069	For Class 1 Mill Galvanized, Add	9.68	
	04MOD-0070	For Class 2 Mill Galvanized, Add	14.52	
	04MOD-0071	For Hot-Dipped Galvanized, Add	24.20	
	04MOD-0072	For Stainless Steel, Add	96.80	
04160-0231		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0149)</small>		
04160-0232		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0231)</small>		
04160-0233	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	66.66	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.29	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.43	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.72	
	04MOD-0072	For Stainless Steel, Add	62.86	
04160-0234	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	70.40	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.33	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.50	
	04MOD-0071	For Hot-Dipped Galvanized, Add	15.83	
	04MOD-0072	For Stainless Steel, Add	63.30	
04160-0235	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	76.40	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.47	
	04MOD-0070	For Class 2 Mill Galvanized, Add	9.71	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.18	
	04MOD-0072	For Stainless Steel, Add	64.72	
04160-0236	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	80.53	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.67	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.00	
	04MOD-0071	For Hot-Dipped Galvanized, Add	16.67	
	04MOD-0072	For Stainless Steel, Add	66.66	
04160-0237	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	84.53	
	04MOD-0069	For Class 1 Mill Galvanized, Add	6.90	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.35	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.25	
	04MOD-0072	For Stainless Steel, Add	69.00	
04160-0238	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	87.68	
	04MOD-0069	For Class 1 Mill Galvanized, Add	7.14	
	04MOD-0070	For Class 2 Mill Galvanized, Add	10.71	
	04MOD-0071	For Hot-Dipped Galvanized, Add	17.85	
	04MOD-0072	For Stainless Steel, Add	71.40	
04160-0239		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0231)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0240 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	73.97	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.75	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.62	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.37	
04MOD-0072 For Stainless Steel, Add	77.48	
04160-0241 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	77.81	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.81	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.72	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.53	
04MOD-0072 For Stainless Steel, Add	78.12	
04160-0242 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	83.84	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.96	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.94	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.90	
04MOD-0072 For Stainless Steel, Add	79.60	
04160-0243 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	87.96	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.15	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.23	
04MOD-0071 For Hot-Dipped Galvanized, Add	20.38	
04MOD-0072 For Stainless Steel, Add	81.52	
04160-0244 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	91.85	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.36	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.55	
04MOD-0071 For Hot-Dipped Galvanized, Add	20.91	
04MOD-0072 For Stainless Steel, Add	83.64	
04160-0245 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	95.06	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.62	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.92	
04MOD-0071 For Hot-Dipped Galvanized, Add	21.54	
04MOD-0072 For Stainless Steel, Add	86.16	
04160-0246 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04160-0231)		
04160-0247 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	78.01	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.56	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.83	
04MOD-0071 For Hot-Dipped Galvanized, Add	21.39	
04MOD-0072 For Stainless Steel, Add	85.56	
04160-0248 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	81.83	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.62	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.92	
04MOD-0071 For Hot-Dipped Galvanized, Add	21.54	
04MOD-0072 For Stainless Steel, Add	86.16	
04160-0249 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	88.30	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.85	
04MOD-0070 For Class 2 Mill Galvanized, Add	13.28	
04MOD-0071 For Hot-Dipped Galvanized, Add	22.13	
04MOD-0072 For Stainless Steel, Add	88.52	
04160-0250 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	92.96	
04MOD-0069 For Class 1 Mill Galvanized, Add	9.15	
04MOD-0070 For Class 2 Mill Galvanized, Add	13.73	
04MOD-0071 For Hot-Dipped Galvanized, Add	22.88	
04MOD-0072 For Stainless Steel, Add	91.52	
04160-0251 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	97.69	
04MOD-0069 For Class 1 Mill Galvanized, Add	9.53	
04MOD-0070 For Class 2 Mill Galvanized, Add	14.30	
04MOD-0071 For Hot-Dipped Galvanized, Add	23.83	
04MOD-0072 For Stainless Steel, Add	95.32	
04160-0252 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	101.09	
04MOD-0069 For Class 1 Mill Galvanized, Add	9.82	
04MOD-0070 For Class 2 Mill Galvanized, Add	14.73	
04MOD-0071 For Hot-Dipped Galvanized, Add	24.56	
04MOD-0072 For Stainless Steel, Add	98.22	
04160-0253 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0149)		
04160-0254 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0253)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0255	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	63.83	
	04MOD-0069		For Class 1 Mill Galvanized, Add	5.72	
	04MOD-0070		For Class 2 Mill Galvanized, Add	8.58	
	04MOD-0071		For Hot-Dipped Galvanized, Add	14.30	
	04MOD-0072		For Stainless Steel, Add	57.20	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0256	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	67.55	
	04MOD-0069		For Class 1 Mill Galvanized, Add	5.76	
	04MOD-0070		For Class 2 Mill Galvanized, Add	8.64	
	04MOD-0071		For Hot-Dipped Galvanized, Add	14.40	
	04MOD-0072		For Stainless Steel, Add	57.60	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0257	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	73.46	
	04MOD-0069		For Class 1 Mill Galvanized, Add	5.88	
	04MOD-0070		For Class 2 Mill Galvanized, Add	8.83	
	04MOD-0071		For Hot-Dipped Galvanized, Add	14.71	
	04MOD-0072		For Stainless Steel, Add	58.84	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0258	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	77.51	
	04MOD-0069		For Class 1 Mill Galvanized, Add	6.06	
	04MOD-0070		For Class 2 Mill Galvanized, Add	9.09	
	04MOD-0071		For Hot-Dipped Galvanized, Add	15.16	
	04MOD-0072		For Stainless Steel, Add	60.62	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0259	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	81.27	
	04MOD-0069		For Class 1 Mill Galvanized, Add	6.25	
	04MOD-0070		For Class 2 Mill Galvanized, Add	9.37	
	04MOD-0071		For Hot-Dipped Galvanized, Add	15.62	
	04MOD-0072		For Stainless Steel, Add	62.48	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0260	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	84.35	
	04MOD-0069		For Class 1 Mill Galvanized, Add	6.47	
	04MOD-0070		For Class 2 Mill Galvanized, Add	9.71	
	04MOD-0071		For Hot-Dipped Galvanized, Add	16.19	
	04MOD-0072		For Stainless Steel, Add	64.74	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0261			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04160-0253)</small>		
04160-0262	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	70.57	
	04MOD-0069		For Class 1 Mill Galvanized, Add	7.07	
	04MOD-0070		For Class 2 Mill Galvanized, Add	10.60	
	04MOD-0071		For Hot-Dipped Galvanized, Add	17.67	
	04MOD-0072		For Stainless Steel, Add	70.68	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0263	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	74.37	
	04MOD-0069		For Class 1 Mill Galvanized, Add	7.12	
	04MOD-0070		For Class 2 Mill Galvanized, Add	10.69	
	04MOD-0071		For Hot-Dipped Galvanized, Add	17.81	
	04MOD-0072		For Stainless Steel, Add	71.24	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0264	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	80.22	
	04MOD-0069		For Class 1 Mill Galvanized, Add	7.24	
	04MOD-0070		For Class 2 Mill Galvanized, Add	10.85	
	04MOD-0071		For Hot-Dipped Galvanized, Add	18.09	
	04MOD-0072		For Stainless Steel, Add	72.36	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0265	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	84.23	
	04MOD-0069		For Class 1 Mill Galvanized, Add	7.41	
	04MOD-0070		For Class 2 Mill Galvanized, Add	11.11	
	04MOD-0071		For Hot-Dipped Galvanized, Add	18.52	
	04MOD-0072		For Stainless Steel, Add	74.06	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	
04160-0266	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	87.98	
	04MOD-0069		For Class 1 Mill Galvanized, Add	7.59	
	04MOD-0070		For Class 2 Mill Galvanized, Add	11.39	
	04MOD-0071		For Hot-Dipped Galvanized, Add	18.98	
	04MOD-0072		For Stainless Steel, Add	75.90	
	04MOD-0076		For Seismic Hook And Eye, Add	27.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0267 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	90.94	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.79	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.69	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.48	
04MOD-0072 For Stainless Steel, Add	77.92	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0268 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04160-0263)		
04160-0269 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	74.65	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.88	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.83	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.71	
04MOD-0072 For Stainless Steel, Add	78.84	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0270 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	78.47	
04MOD-0069 For Class 1 Mill Galvanized, Add	7.94	
04MOD-0070 For Class 2 Mill Galvanized, Add	11.92	
04MOD-0071 For Hot-Dipped Galvanized, Add	19.86	
04MOD-0072 For Stainless Steel, Add	79.44	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0271 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	84.86	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.16	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.25	
04MOD-0071 For Hot-Dipped Galvanized, Add	20.41	
04MOD-0072 For Stainless Steel, Add	81.64	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0272 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	89.46	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.45	
04MOD-0070 For Class 2 Mill Galvanized, Add	12.68	
04MOD-0071 For Hot-Dipped Galvanized, Add	21.13	
04MOD-0072 For Stainless Steel, Add	84.52	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0273 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	94.11	
04MOD-0069 For Class 1 Mill Galvanized, Add	8.82	
04MOD-0070 For Class 2 Mill Galvanized, Add	13.22	
04MOD-0071 For Hot-Dipped Galvanized, Add	22.04	
04MOD-0072 For Stainless Steel, Add	88.16	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0274 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	98.08	
04MOD-0069 For Class 1 Mill Galvanized, Add	9.22	
04MOD-0070 For Class 2 Mill Galvanized, Add	13.83	
04MOD-0071 For Hot-Dipped Galvanized, Add	23.05	
04MOD-0072 For Stainless Steel, Add	92.20	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0275 Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04160-0149)		
04160-0276 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall (04160-0275)		
04160-0277 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	68.70	
04MOD-0069 For Class 1 Mill Galvanized, Add	5.99	
04MOD-0070 For Class 2 Mill Galvanized, Add	8.99	
04MOD-0071 For Hot-Dipped Galvanized, Add	14.98	
04MOD-0072 For Stainless Steel, Add	59.90	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0278 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	74.20	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.03	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.05	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.08	
04MOD-0072 For Stainless Steel, Add	60.32	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0279 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	78.02	
04MOD-0069 For Class 1 Mill Galvanized, Add	6.16	
04MOD-0070 For Class 2 Mill Galvanized, Add	9.25	
04MOD-0071 For Hot-Dipped Galvanized, Add	15.41	
04MOD-0072 For Stainless Steel, Add	61.64	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	

04000	Masonry
04150	Masonry Accessories
04160	Joint Reinforcement



MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI UOM		UNIT COST	UNIT COST
04160-0280	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	81.79	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.35	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.53	
	04MOD-0071 For Hot-Dipped Galvanized, Add	15.88	
	04MOD-0072 For Stainless Steel, Add	63.52	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0281	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	84.83	
	04MOD-0069 For Class 1 Mill Galvanized, Add	6.57	
	04MOD-0070 For Class 2 Mill Galvanized, Add	9.86	
	04MOD-0071 For Hot-Dipped Galvanized, Add	16.43	
	04MOD-0072 For Stainless Steel, Add	65.70	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0282	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0275)</small>		
04160-0283	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	75.96	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.44	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.16	
	04MOD-0071 For Hot-Dipped Galvanized, Add	18.61	
	04MOD-0072 For Stainless Steel, Add	74.42	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0284	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	81.48	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.49	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.23	
	04MOD-0071 For Hot-Dipped Galvanized, Add	18.72	
	04MOD-0072 For Stainless Steel, Add	74.88	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0285	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	85.28	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.62	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.42	
	04MOD-0071 For Hot-Dipped Galvanized, Add	19.04	
	04MOD-0072 For Stainless Steel, Add	76.16	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0286	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	88.97	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.79	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.68	
	04MOD-0071 For Hot-Dipped Galvanized, Add	19.47	
	04MOD-0072 For Stainless Steel, Add	77.88	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0287	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	91.81	
	04MOD-0069 For Class 1 Mill Galvanized, Add	7.97	
	04MOD-0070 For Class 2 Mill Galvanized, Add	11.95	
	04MOD-0071 For Hot-Dipped Galvanized, Add	19.92	
	04MOD-0072 For Stainless Steel, Add	79.66	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0288	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04160-0275)</small>		
04160-0289	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	79.49	
	04MOD-0069 For Class 1 Mill Galvanized, Add	8.15	
	04MOD-0070 For Class 2 Mill Galvanized, Add	12.22	
	04MOD-0071 For Hot-Dipped Galvanized, Add	20.37	
	04MOD-0072 For Stainless Steel, Add	81.48	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0290	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	85.07	
	04MOD-0069 For Class 1 Mill Galvanized, Add	8.21	
	04MOD-0070 For Class 2 Mill Galvanized, Add	12.31	
	04MOD-0071 For Hot-Dipped Galvanized, Add	20.52	
	04MOD-0072 For Stainless Steel, Add	82.06	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0291	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	89.35	
	04MOD-0069 For Class 1 Mill Galvanized, Add	8.43	
	04MOD-0070 For Class 2 Mill Galvanized, Add	12.65	
	04MOD-0071 For Hot-Dipped Galvanized, Add	21.08	
	04MOD-0072 For Stainless Steel, Add	84.30	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04160-0292	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	93.61	
	04MOD-0069 For Class 1 Mill Galvanized, Add	8.72	
	04MOD-0070 For Class 2 Mill Galvanized, Add	13.07	
	04MOD-0071 For Hot-Dipped Galvanized, Add	21.79	
	04MOD-0072 For Stainless Steel, Add	87.16	
	04MOD-0076 For Seismic Hook And Eye, Add	27.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04160-0293 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	97.37	
04MOD-0069 For Class 1 Mill Galvanized, Add	9.08	
04MOD-0070 For Class 2 Mill Galvanized, Add	13.62	
04MOD-0071 For Hot-Dipped Galvanized, Add	22.70	
04MOD-0072 For Stainless Steel, Add	90.78	
04MOD-0076 For Seismic Hook And Eye, Add	27.50	
04170 Anchors And Tie Systems (04150)		
04170-0001 Masonry Anchors And Ties (04170)		
04170-0002 Rectangular, Wire Masonry Wall Ties (04170-0001)		
04170-0003 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties (04170-0002)		
04170-0004 EA 2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.82	
04170-0005 EA 2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.87	
04170-0006 EA 2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.92	
04170-0007 EA 2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.98	
04170-0008 EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.05	
04170-0009 EA 4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.92	
04170-0010 EA 4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.98	
04170-0011 EA 4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.05	
04170-0012 EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.11	
04170-0013 Mill Galvanized, Rectangular, Wire Masonry Wall Ties (04170-0002)		
04170-0014 EA 2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.73	
04170-0015 EA 2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.75	
04170-0016 EA 2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.77	
04170-0017 EA 2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.81	
04170-0018 EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.84	
04170-0019 EA 4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.77	
04170-0020 EA 4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.81	
04170-0021 EA 4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.84	
04170-0022 EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.87	
04170-0023 Z-Type, Wire Masonry Wall Ties (04170-0001)		
04170-0024 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties (04170-0023)		
04170-0025 EA 6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.73	
04170-0026 EA 8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.76	
04170-0027 EA 10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.85	
04170-0028 EA 12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.89	
04170-0029 EA 6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.90	
04170-0030 EA 8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.96	
04170-0031 EA 10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.03	
04170-0032 EA 12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.07	
04170-0033 Mill Galvanized, Z-Type, Wire Masonry Wall Ties (04170-0023)		
04170-0034 EA 6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.67	
04170-0035 EA 8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.68	
04170-0036 EA 10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.74	
04170-0037 EA 12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.76	
04170-0038 EA 6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.77	
04170-0039 EA 8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.80	
04170-0040 EA 10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.84	
04170-0041 EA 12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.88	
04170-0042 Wire Beam Ties (04170-0001)		
04170-0043 Hot-Dipped Galvanized, Wire Beam Ties (04170-0042)		
04170-0044 EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	0.98	
04170-0045 EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.00	
04170-0046 EA 6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.02	
04170-0047 EA 8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.04	
04170-0048 EA 10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.08	
04170-0049 Mill Galvanized, Wire Beam Ties (04170-0042)		
04170-0050 EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.16	
04170-0051 EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.21	
04170-0052 EA 6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.27	
04170-0053 EA 8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.29	
04170-0054 EA 10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie.....	1.33	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04170-0055	Adjustable Double Pintle, Wire Masonry Wall Ties (04170-0001)		
04170-0056	Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04170-0055)		
04170-0057	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.08
04170-0058	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.13
04170-0059	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.15
04170-0060	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.19
04170-0061	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.20
04170-0062	Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04170-0055)		
04170-0063	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	0.92
04170-0064	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	0.95
04170-0065	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	0.96
04170-0066	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	0.99
04170-0067	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.00
04170-0068	Corrugated Buck (Brick) Anchors (04170-0001)		
04170-0069	Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors (04170-0068)		
04170-0070	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.31
04170-0071	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.36
04170-0072	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.42
04170-0073	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.47
04170-0074	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.52
04170-0075	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.36
04170-0076	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.41
04170-0077	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.47
04170-0078	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.52
04170-0079	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.57
04170-0080	Mill Galvanized, Corrugated Buck (Brick) Anchors (04170-0068)		
04170-0081	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.14
04170-0082	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.17
04170-0083	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.21
04170-0084	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.25
04170-0085	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.28
04170-0086	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.17
04170-0087	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.21
04170-0088	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.25
04170-0089	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.29
04170-0090	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33
04170-0091	Corrugated Wall Ties (04170-0001)		
04170-0092	Hot-Dipped Galvanized, Corrugated Wall Ties (04170-0091)		
04170-0093	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.66
04170-0094	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.70
04170-0095	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.72
04170-0096	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.73
04170-0097	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.88
04170-0098	Mill Galvanized, Corrugated Wall Ties (04170-0091)		
04170-0099	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	0.68
04170-0100	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	0.69
04170-0101	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	0.70
04170-0102	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	0.81
04170-0103	Stainless Steel, Corrugated Wall Ties (04170-0091)		
04170-0104	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	0.97
04170-0105	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.03
04170-0106	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.09
04170-0107	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.14
04170-0108	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.41
04170-0109	Wire Mesh Wall Ties (04170-0001)		
		Note: 1/2" square mesh.	
04170-0110	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.33
04170-0111	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.62
04170-0112	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.94
04170-0113	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.47
04170-0114	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.33
04170-0115	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.86



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04170-0116	Triangle Brick Ties (04170-0001)	
04170-0117	Hot-Dipped Galvanized, Triangle Brick Ties (04170-0116)	
04170-0118	EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.18
04170-0119	EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.20
04170-0120	EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.23
04170-0121	EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.28
04170-0122	EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.30
04170-0123	EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.37
04170-0124	EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.42
04170-0125	EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.53
04170-0126	EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.41
04170-0127	EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.42
04170-0128	EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.44
04170-0129	EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.49
04170-0130	EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.51
04170-0131	EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.57
04170-0132	EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.61
04170-0133	EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.72
04170-0134	Mill Galvanized, Triangle Brick Ties (04170-0116)	
04170-0135	EA 3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.07
04170-0136	EA 3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.08
04170-0137	EA 4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.09
04170-0138	EA 4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.12
04170-0139	EA 5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.13
04170-0140	EA 6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.18
04170-0141	EA 7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.19
04170-0142	EA 9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.23
04170-0143	EA 3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.21
04170-0144	EA 3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.22
04170-0145	EA 4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.23
04170-0146	EA 4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.27
04170-0147	EA 5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.29
04170-0148	EA 6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.34
04170-0149	EA 7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.36
04170-0150	EA 9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.43
04170-0151	Seismic Veneer Anchors (04170-0001)	
04170-0152	EA 3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic-Notch Veneer Anchor	4.99
	Note: For horizontal wire attachment. Excludes wire.	
04170-0153	Slip-Set, Joint Stabilization Anchors (04170-0001)	
	Note: For restraining lateral movement at control joints. Field bendable.	
04170-0154	EA 9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	3.89
04170-0155	EA 9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	4.22
04170-0156	EA 9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	4.99
04170-0157	Strap Partition Top Anchors (04170-0001)	
04170-0158	EA 12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.24
04170-0159	EA 12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.27
04170-0160	Rigid Partition Anchors (04170-0001)	
04170-0161	Hot-Dipped Galvanized, Rigid Partition Anchors (04170-0160)	
04170-0162	EA 1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.69
04170-0163	EA 1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.83
04170-0164	EA 1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.00
04170-0165	EA 1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.16
04170-0166	EA 2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.32
04170-0167	EA 2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.47
04170-0168	EA 1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.32
04170-0169	EA 1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.82
04170-0170	EA 1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.33
04170-0171	EA 1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.83
04170-0172	EA 2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.33
04170-0173	EA 2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.84
04170-0174	Mill Galvanized, Rigid Partition Anchors (04170-0160)	
04170-0175	EA 1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.55
04170-0176	EA 1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.67
04170-0177	EA 1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.80
04170-0178	EA 1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.92



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04170-0179	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.04	
04170-0180	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.16	
04170-0181		Screw-On Masonry Veneer Anchor Plates (04170-0001)		
04170-0182	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	1.09	
04170-0183	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	1.14	
04170-0184		Wire Column Ties (04170-0001)		
04170-0185		Hot-Dipped Galvanized, Wire Column Ties (04170-0184)		
04170-0186	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.30	
04170-0187	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.39	
04170-0188	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.45	
04170-0189	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.53	
04170-0190	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.38	
04170-0191	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.45	
04170-0192	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.50	
04170-0193	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.56	
04170-0194	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.75	
04170-0195	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.89	
04170-0196	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.99	
04170-0197	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.12	
04170-0198	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.89	
04170-0199	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	1.99	
04170-0200	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.07	
04170-0201	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.17	
04170-0202		Mill Galvanized, Wire Column Ties (04170-0184)		
04170-0203	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.16	
04170-0204	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.21	
04170-0205	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.24	
04170-0206	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.29	
04170-0207	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.18	
04170-0208	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.23	
04170-0209	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.26	
04170-0210	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie.....	1.30	
04170-0211	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.48	
04170-0212	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.58	
04170-0213	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.62	
04170-0214	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.71	
04170-0215	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.44	
04170-0216	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.60	
04170-0217	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.66	
04170-0218	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie.....	1.71	
04170-0219		Dovetail Anchors, Slots And Ties (04170-0001)		
04170-0220		Dovetail Anchor Slots (04170-0219)		
04170-0221		Hot-Dipped Galvanized, Dovetail Anchor Slot (04170-0220)		
04170-0222	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.43	
04170-0223	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.68	
04170-0224	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.83	
04170-0225	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	2.90	
04170-0226	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	3.06	
04170-0227		Mill Galvanized, Dovetail Anchor Slot (04170-0220)		
04170-0228	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	1.94	
04170-0229	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.25	
04170-0230	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.33	
04170-0231	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.43	
04170-0232	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot.....	2.50	
04170-0233		304 Stainless Steel, Dovetail Anchor Slot (04170-0220)		
04170-0234	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	2.68	
04170-0235	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.05	
04170-0236	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.18	
04170-0237	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	3.60	
04170-0238	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.01	
04170-0239		316 Stainless Steel, Dovetail Anchor Slot (04170-0220)		
04170-0240	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	2.97	
04170-0241	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.25	
04170-0242	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04170-0243 LF 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.90	
04170-0244 LF 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.11	
04170-0245 Dovetail Corrugated Brick Ties (04170-0219)		
04170-0246 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie (04170-0245)		
04170-0247 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.86	
04170-0248 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.94	
04170-0249 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.02	
04170-0250 EA 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.88	
04170-0251 EA 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.03	
04170-0252 EA 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.14	
04170-0253 EA 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.92	
04170-0254 EA 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.02	
04170-0255 EA 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.12	
04170-0256 Mill Galvanized, Dovetail Corrugated Brick Tie (04170-0245)		
04170-0257 EA 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.79	
04170-0258 EA 5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.84	
04170-0259 EA 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.89	
04170-0260 EA 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.83	
04170-0261 EA 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.93	
04170-0262 EA 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.01	
04170-0263 EA 3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.84	
04170-0264 EA 5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.96	
04170-0265 EA 7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.04	
04170-0266 Dovetail Stone Anchors (04170-0219)		
04170-0267 Hot-Dipped Galvanized, Dovetail Stone Anchors (04170-0266)		
04170-0268 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.03	
04170-0269 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.11	
04170-0270 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.19	
04170-0271 Dovetail Partition Top Anchors (04170-0219)		
04170-0272 EA 3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor.....	2.34	
04170-0273 EA 3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	5.64	
04170-0274 Dovetail Flexible Triangle Brick Ties (04170-0219)		
04170-0275 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties (04170-0274)		
04170-0276 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.53	
04170-0277 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.63	
04170-0278 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.70	
04170-0279 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.78	
04170-0280 Mill Galvanized, Dovetail Flexible Triangle Brick Ties (04170-0274)		
04170-0281 EA 3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.38	
04170-0282 EA 5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.39	
04170-0283 EA 7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.43	
04170-0284 EA 9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.55	
04180 Control Joints (04150)		
04180-0001 Masonry Control Joints (04180)		
04180-0002 Rubber, Masonry Control Joints (04180-0001)		
04180-0003 LF 1-5/8" Width, T-Style, Rubber, Masonry Control Joint.....	3.77	0.62
04180-0004 LF 2-5/8" Width, Rubber, Masonry Control Joint.....	3.67	0.62
04180-0005 LF 6-7/8" Width, Rubber, Masonry Control Joint.....	7.69	0.62
04180-0006 PVC, Masonry Control Joints (04180-0001)		
04180-0007 LF 1-5/8" Width, T-Style, PVC, Masonry Control Joint.....	2.34	0.62
04180-0008 LF 2-5/8" Width, PVC, Masonry Control Joint.....	2.42	0.62
04180-0009 LF 4-7/8" Width, PVC, Masonry Control Joint.....	3.06	0.62
04180-0010 LF 6-7/8" Width, PVC, Masonry Control Joint.....	3.40	0.62
04180-0011 LF 11-1/8" Width, PVC, Masonry Control Joint.....	3.21	0.62
04190 Brick Vents (04150)		
04190-0001 Brick Vents, 4" Deep, With Insect Screen (04190)		
Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		

04000	Masonry
04150	Masonry Accessories
04190	Brick Vents



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04190-0002	EA		8-1/8" x 2-3/8" Aluminum Brick Vent	40.99	
04190-0003	EA		8-1/8" x 4-3/4" Aluminum Brick Vent	50.77	
04190-0004	EA		8-1/8" x 7-3/4" Aluminum Brick Vent	63.91	
04190-0005	EA		12" x 2-3/8" Aluminum Brick Vent	49.88	
04190-0006	EA		12" x 4-3/4" Aluminum Brick Vent	61.53	
04190-0007	EA		12" x 7-3/4" Aluminum Brick Vent	77.69	
04190-0008	EA		16-1/2" x 2-3/8" Aluminum Brick Vent	58.79	
04190-0009	EA		16-1/2" x 4-3/4" Aluminum Brick Vent	79.40	
04190-0010	EA		16-1/2" x 7-3/4" Aluminum Brick Vent	96.74	
04190-0011	EA		24" x 2-3/8" Aluminum Brick Vent	79.34	
04190-0012	EA		24" x 4-3/4" Aluminum Brick Vent	103.21	
04190-0013	EA		24" x 7-3/4" Aluminum Brick Vent	126.63	

04200 Unit Masonry (04000)

Note: Including pointing and cleaning of new brick and mortar with muriatic acid and brush or wash. Includes cutting of new bricks/blocks to size. Tasks with the unit of measure of "Each" are to be used when exact quantities are known.

04205 Tubular Steel Scaffolding (04200)

Note: Costs based on one use per month. For use with unit masonry construction only. Height shown in tasks is for height of work. Includes assembly and disassembly of scaffolding.

04205-0001 Scaffolding Rental (04205)

Note: Total square foot of area is determined by the square foot of wall area at which scaffolding is required, above the established 4' working height limit.

04205-0002	CSF	Exterior Building Scaffolding, 1 To 5 Story, Tubular Steel, Based On 1 Use/Month	266.84
	04MOD-0005	For Each Additional Month Of Rental, Add	58.06
	04MOD-0006	For Additional Erection And Dismantling Of Scaffolding, Add	208.78
04205-0003	CSF	Exterior Building Scaffolding, 6 To 12 Story, Tubular Steel, Based On 1 Use/Month	323.53
	04MOD-0005	For Each Additional Month Of Rental, Add	53.04
	04MOD-0006	For Additional Erection And Dismantling Of Scaffolding, Add	270.49
04205-0004	CSF	Interior Scaffolding Wall, Up To 16' Tubular Steel, Based On 1 Use/Month	210.50
	04MOD-0005	For Each Additional Month Of Rental, Add	55.85
	04MOD-0006	For Additional Erection And Dismantling Of Scaffolding, Add	154.65
04205-0005	CSF	Interior Scaffolding Wall, 16' - 30' Tubular Steel, Based On 1 Use/Month	243.83
	04MOD-0005	For Each Additional Month Of Rental, Add	56.96
	04MOD-0006	For Additional Erection And Dismantling Of Scaffolding, Add	186.87

04210 Brick Masonry (04200)

Note: Includes brick and mortar. See CSI section 04150-0000 for wall ties, reinforcing, scaffolding, and accessories.

04210-0001 Standard Size Brick With Running Bond (04210)

Note: Standard modular 2-2/3" x 4" x 8".

04210-0002 Red Face Brick (04210-0001)

04210-0003	SF	Standard Size Red Face Brick - Veneer (6.4/SF With Running Bond)	14.80
	04MOD-0009	For Full Header Every 6th Course, Add	0.50
	04MOD-0010	For English, Full Header Every Second Course, Add	1.00
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	1.99
	04MOD-0012	For Curved Wall Application, Add	2.49
	04MOD-0013	For Interior Veneer Construction, Add	1.87
	04MOD-0014	For Stacked Bond, Add	1.36
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.11
	04MOD-0016	For Corbels, Add	9.34
	04MOD-0017	For Colored Mortar, Add	0.24
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.36
	04MOD-0019	For Herringbone Pattern, Add	2.10
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.35
	04MOD-0021	For Close Tolerance (FBX), Add	1.42
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.79
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.57
04210-0004	SF	Standard Size Red Face Brick - Cavity Wall (6.4/SF With Running Bond)	17.22
	04MOD-0009	For Full Header Every 6th Course, Add	0.59
	04MOD-0010	For English, Full Header Every Second Course, Add	1.19
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.35
	04MOD-0012	For Curved Wall Application, Add	2.97
	04MOD-0013	For Interior Veneer Construction, Add	2.23
	04MOD-0014	For Stacked Bond, Add	1.60
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.72
	04MOD-0016	For Corbels, Add	11.15
	04MOD-0017	For Colored Mortar, Add	0.24
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.60
	04MOD-0019	For Herringbone Pattern, Add	2.47
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.35
	04MOD-0021	For Close Tolerance (FBX), Add	1.66
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	22.42
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.99



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0005	SF Standard Size Red Face Brick - 9" Solid Wall (12.7/SF With Running Bond).....	24.47	
	04MOD-0009 For Full Header Every 6th Course, Add	0.79	
	04MOD-0010 For English, Full Header Every Second Course, Add	1.59	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	3.21	
	04MOD-0012 For Curved Wall Application, Add	3.96	
	04MOD-0013 For Interior Veneer Construction, Add	2.97	
	04MOD-0014 For Stacked Bond, Add	2.21	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	4.96	
	04MOD-0016 For Corbels, Add	14.87	
	04MOD-0017 For Colored Mortar, Add	0.47	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	2.21	
	04MOD-0019 For Herringbone Pattern, Add	3.44	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.70	
	04MOD-0021 For Close Tolerance (FBX), Add	2.33	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	29.96	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	20.05	
04210-0006	Common Brick (04210-0001)		
04210-0007	SF Select Common Brick For Veneer (6.4/SF).....	14.14	
	04MOD-0009 For Full Header Every 6th Course, Add	0.47	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.94	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.89	
	04MOD-0012 For Curved Wall Application, Add	2.36	
	04MOD-0013 For Interior Veneer Construction, Add	1.77	
	04MOD-0014 For Stacked Bond, Add	1.30	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	2.95	
	04MOD-0016 For Corbels, Add	8.84	
	04MOD-0017 For Colored Mortar, Add	0.24	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.30	
	04MOD-0019 For Herringbone Pattern, Add	2.00	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.35	
	04MOD-0021 For Close Tolerance (FBX), Add	1.36	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	17.80	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	11.91	
04210-0008	SF Common Brick - 4" Back-up (6.4/SF).....	12.60	
	04MOD-0009 For Full Header Every 6th Course, Add	0.42	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.84	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.68	
	04MOD-0012 For Curved Wall Application, Add	2.10	
	04MOD-0013 For Interior Veneer Construction, Add	1.58	
	04MOD-0014 For Stacked Bond, Add	1.16	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	2.63	
	04MOD-0016 For Corbels, Add	7.88	
	04MOD-0017 For Colored Mortar, Add	0.21	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.16	
	04MOD-0019 For Herringbone Pattern, Add	1.79	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.32	
	04MOD-0021 For Close Tolerance (FBX), Add	1.21	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	15.86	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	10.61	
04210-0009	SF Common Brick - 8" Back-up (12.7/SF).....	22.35	
	04MOD-0009 For Full Header Every 6th Course, Add	0.73	
	04MOD-0010 For English, Full Header Every Second Course, Add	1.46	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	2.94	
	04MOD-0012 For Curved Wall Application, Add	3.64	
	04MOD-0013 For Interior Veneer Construction, Add	2.73	
	04MOD-0014 For Stacked Bond, Add	2.03	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	4.55	
	04MOD-0016 For Corbels, Add	13.64	
	04MOD-0017 For Colored Mortar, Add	0.42	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	2.03	
	04MOD-0019 For Herringbone Pattern, Add	3.14	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.62	
	04MOD-0021 For Close Tolerance (FBX), Add	2.13	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	27.49	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	18.40	
04210-0010	SF Common Brick - 12" Solid (19/SF).....	31.71	
	04MOD-0009 For Full Header Every 6th Course, Add	1.02	
	04MOD-0010 For English, Full Header Every Second Course, Add	2.04	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	4.13	
	04MOD-0012 For Curved Wall Application, Add	5.10	
	04MOD-0013 For Interior Veneer Construction, Add	3.82	
	04MOD-0014 For Stacked Bond, Add	2.86	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	6.37	
	04MOD-0016 For Corbels, Add	19.11	
	04MOD-0017 For Colored Mortar, Add	0.62	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	2.86	
	04MOD-0019 For Herringbone Pattern, Add	4.45	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.93	
	04MOD-0021 For Close Tolerance (FBX), Add	3.02	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	38.53	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	25.79	

04000	Masonry
04200	Unit Masonry
04210	Brick Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0011	SF		Common Brick - 16" Solid (25.4/SF)	40.14	
	04MOD-0009		For Full Header Every 6th Course, Add	1.27	
	04MOD-0010		For English, Full Header Every Second Course, Add	2.55	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	5.19	
	04MOD-0012		For Curved Wall Application, Add	6.37	
	04MOD-0013		For Interior Veneer Construction, Add	4.78	
	04MOD-0014		For Stacked Bond, Add	3.60	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	7.96	
	04MOD-0016		For Corbels, Add	23.89	
	04MOD-0017		For Colored Mortar, Add	0.83	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	3.60	
	04MOD-0019		For Herringbone Pattern, Add	5.61	
	04MOD-0020		For Severe Weather (SW) Brick, Add	1.24	
	04MOD-0021		For Close Tolerance (FBX), Add	3.81	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	48.19	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	32.26	
04210-0012	SF		Common Brick As 4" Wall Face Brick (6.4/SF)	14.14	
	04MOD-0009		For Full Header Every 6th Course, Add	0.47	
	04MOD-0010		For English, Full Header Every Second Course, Add	0.94	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	1.89	
	04MOD-0012		For Curved Wall Application, Add	2.36	
	04MOD-0013		For Interior Veneer Construction, Add	1.77	
	04MOD-0014		For Stacked Bond, Add	1.30	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	2.95	
	04MOD-0016		For Corbels, Add	8.84	
	04MOD-0017		For Colored Mortar, Add	0.24	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.30	
	04MOD-0019		For Herringbone Pattern, Add	2.00	
	04MOD-0020		For Severe Weather (SW) Brick, Add	0.35	
	04MOD-0021		For Close Tolerance (FBX), Add	1.36	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	17.80	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	11.91	
04210-0013			Glazed Brick (04210-0001)		
04210-0014	SF		Glazed Brick Veneer (7.4/SF)	24.20	
	04MOD-0009		For Full Header Every 6th Course, Add	0.56	
	04MOD-0010		For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	2.62	
	04MOD-0012		For Curved Wall Application, Add	2.82	
	04MOD-0013		For Interior Veneer Construction, Add	2.11	
	04MOD-0014		For Stacked Bond, Add	1.91	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	3.52	
	04MOD-0016		For Corbels, Add	10.56	
	04MOD-0017		For Colored Mortar, Add	1.01	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.91	
	04MOD-0019		For Herringbone Pattern, Add	3.12	
	04MOD-0020		For Severe Weather (SW) Brick, Add	1.52	
	04MOD-0021		For Close Tolerance (FBX), Add	2.17	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	21.63	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.59	
04210-0015			Buff Or Gray Face Brick (04210-0001)		
04210-0016	SF		Buff (Gray) Face Brick - Veneer (6.4/SF)	15.28	
	04MOD-0009		For Full Header Every 6th Course, Add	0.50	
	04MOD-0010		For English, Full Header Every Second Course, Add	1.00	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	2.01	
	04MOD-0012		For Curved Wall Application, Add	2.49	
	04MOD-0013		For Interior Veneer Construction, Add	1.87	
	04MOD-0014		For Stacked Bond, Add	1.39	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	3.11	
	04MOD-0016		For Corbels, Add	9.34	
	04MOD-0017		For Colored Mortar, Add	0.28	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.39	
	04MOD-0019		For Herringbone Pattern, Add	2.15	
	04MOD-0020		For Severe Weather (SW) Brick, Add	0.42	
	04MOD-0021		For Close Tolerance (FBX), Add	1.46	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	18.82	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.59	
04210-0017	SF		Buff (Gray) Face Brick - Cavity Wall (6.4/SF)	15.28	
	04MOD-0009		For Full Header Every 6th Course, Add	0.50	
	04MOD-0010		For English, Full Header Every Second Course, Add	1.00	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	2.01	
	04MOD-0012		For Curved Wall Application, Add	2.49	
	04MOD-0013		For Interior Veneer Construction, Add	1.87	
	04MOD-0014		For Stacked Bond, Add	1.39	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	3.11	
	04MOD-0016		For Corbels, Add	9.34	
	04MOD-0017		For Colored Mortar, Add	0.28	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.39	
	04MOD-0019		For Herringbone Pattern, Add	2.15	
	04MOD-0020		For Severe Weather (SW) Brick, Add	0.42	
	04MOD-0021		For Close Tolerance (FBX), Add	1.46	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	18.82	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.59	



Masonry 04000	04
Unit Masonry 04200	
Brick Masonry 04210	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0018	Jumbo Or Oversized Face Brick ⁽⁰⁴²¹⁰⁾		
	Note: Jumbo utility: 4" x 4" x 12", 6" jumbo: 6" x 4" x 12", 8" jumbo: 8" x 4" x 12".		
04210-0019	Jumbo Or Oversize Brick Red Face Running Bond ⁽⁰⁴²¹⁰⁻⁰⁰¹⁸⁾		
04210-0020	SF Jumbo Red Face Brick - 4" Veneer (3.0/SF With Running Bond).....	10.92	
	04MOD-0009 For Full Header Every 6th Course, Add	0.34	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.68	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.40	
	04MOD-0012 For Curved Wall Application, Add	1.70	
	04MOD-0013 For Interior Veneer Construction, Add	1.27	
	04MOD-0014 For Stacked Bond, Add	0.97	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	2.12	
	04MOD-0016 For Corbels, Add	6.37	
	04MOD-0017 For Colored Mortar, Add	0.24	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	0.97	
	04MOD-0019 For Herringbone Pattern, Add	1.52	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.36	
	04MOD-0021 For Close Tolerance (FBX), Add	1.03	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	12.86	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	8.61	
04210-0021	SF Jumbo Red Face Brick - Cavity Wall (3.0/SF With Running Bond).....	12.34	
	04MOD-0009 For Full Header Every 6th Course, Add	0.40	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.79	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.61	
	04MOD-0012 For Curved Wall Application, Add	1.98	
	04MOD-0013 For Interior Veneer Construction, Add	1.49	
	04MOD-0014 For Stacked Bond, Add	1.11	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	2.48	
	04MOD-0016 For Corbels, Add	7.43	
	04MOD-0017 For Colored Mortar, Add	0.24	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.11	
	04MOD-0019 For Herringbone Pattern, Add	1.73	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.36	
	04MOD-0021 For Close Tolerance (FBX), Add	1.17	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	14.99	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	10.03	
04210-0022	SF Jumbo Red Face Brick - 4" Back-up (3.0/SF With Running Bond).....	10.15	
	04MOD-0009 For Full Header Every 6th Course, Add	0.33	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.67	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.34	
	04MOD-0012 For Curved Wall Application, Add	1.67	
	04MOD-0013 For Interior Veneer Construction, Add	1.25	
	04MOD-0014 For Stacked Bond, Add	0.93	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	2.09	
	04MOD-0016 For Corbels, Add	6.27	
	04MOD-0017 For Colored Mortar, Add	0.18	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	0.93	
	04MOD-0019 For Herringbone Pattern, Add	1.43	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.27	
	04MOD-0021 For Close Tolerance (FBX), Add	0.97	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	12.63	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	8.45	
04210-0023	SF Jumbo Red Face Brick - 8" Back-up (6.0/SF With Running Bond).....	16.33	
	04MOD-0009 For Full Header Every 6th Course, Add	0.51	
	04MOD-0010 For English, Full Header Every Second Course, Add	1.02	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	2.09	
	04MOD-0012 For Curved Wall Application, Add	2.55	
	04MOD-0013 For Interior Veneer Construction, Add	1.91	
	04MOD-0014 For Stacked Bond, Add	1.45	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	3.19	
	04MOD-0016 For Corbels, Add	9.56	
	04MOD-0017 For Colored Mortar, Add	0.36	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.45	
	04MOD-0019 For Herringbone Pattern, Add	2.27	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.54	
	04MOD-0021 For Close Tolerance (FBX), Add	1.54	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	19.29	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.92	
04210-0024	SF Jumbo Red Face Brick - 12" Solid (9.0/SF With Running Bond).....	24.98	
	04MOD-0009 For Full Header Every 6th Course, Add	0.71	
	04MOD-0010 For English, Full Header Every Second Course, Add	1.42	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	3.02	
	04MOD-0012 For Curved Wall Application, Add	3.54	
	04MOD-0013 For Interior Veneer Construction, Add	2.65	
	04MOD-0014 For Stacked Bond, Add	2.13	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	4.42	
	04MOD-0016 For Corbels, Add	13.27	
	04MOD-0017 For Colored Mortar, Add	0.73	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	2.13	
	04MOD-0019 For Herringbone Pattern, Add	3.38	
	04MOD-0020 For Severe Weather (SW) Brick, Add	1.09	
	04MOD-0021 For Close Tolerance (FBX), Add	2.32	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	26.90	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	18.05	

04000	Masonry
04200	Unit Masonry
04210	Brick Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0025	SF		Jumbo Red Face Brick - 16" Solid (12.0/SF With Running Bond).....	31.49	
	04MOD-0009		For Full Header Every 6th Course, Add	0.87	
	04MOD-0010		For English, Full Header Every Second Course, Add	1.74	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	3.75	
	04MOD-0012		For Curved Wall Application, Add	4.35	
	04MOD-0013		For Interior Veneer Construction, Add	3.27	
	04MOD-0014		For Stacked Bond, Add	2.66	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	5.44	
	04MOD-0016		For Corbels, Add	16.33	
	04MOD-0017		For Colored Mortar, Add	0.97	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	2.66	
	04MOD-0019		For Herringbone Pattern, Add	4.24	
	04MOD-0020		For Severe Weather (SW) Brick, Add	1.46	
	04MOD-0021		For Close Tolerance (FBX), Add	2.91	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	33.14	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	22.26	
04210-0026			Other Brick Shapes (04210)		
04210-0027			Norman Face Brick (04210-0026)		
			Note: 2-2/3" x 4" x 12".		
04210-0028			Norman Brick, Red Face Running Bond (04210-0027)		
04210-0029	SF		Red Face Norman Brick - Veneer (4.5/SF With Running Bond)	15.22	
	04MOD-0007		For Buff Or Gray Face, Add	0.51	
	04MOD-0008		For Marble Chip, Add	0.67	
	04MOD-0009		For Full Header Every 6th Course, Add	0.49	
	04MOD-0010		For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	1.98	
	04MOD-0012		For Curved Wall Application, Add	2.43	
	04MOD-0013		For Interior Veneer Construction, Add	1.82	
	04MOD-0014		For Stacked Bond, Add	1.37	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016		For Corbels, Add	9.12	
	04MOD-0017		For Colored Mortar, Add	0.31	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.37	
	04MOD-0019		For Herringbone Pattern, Add	2.13	
	04MOD-0020		For Severe Weather (SW) Brick, Add	0.46	
	04MOD-0021		For Close Tolerance (FBX), Add	1.45	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	18.39	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.31	
04210-0030	SF		Red Face Norman Brick - Cavity Wall (4.5/SF With Running Bond)	17.21	
	04MOD-0007		For Buff Or Gray Face, Add	0.51	
	04MOD-0008		For Marble Chip, Add	0.67	
	04MOD-0009		For Full Header Every 6th Course, Add	0.57	
	04MOD-0010		For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	2.28	
	04MOD-0012		For Curved Wall Application, Add	2.83	
	04MOD-0013		For Interior Veneer Construction, Add	2.12	
	04MOD-0014		For Stacked Bond, Add	1.57	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016		For Corbels, Add	10.61	
	04MOD-0017		For Colored Mortar, Add	0.31	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.57	
	04MOD-0019		For Herringbone Pattern, Add	2.43	
	04MOD-0020		For Severe Weather (SW) Brick, Add	0.46	
	04MOD-0021		For Close Tolerance (FBX), Add	1.64	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	21.38	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.30	
04210-0031			Engineer Brick (04210-0026)		
			Note: 3-1/5" x 4" x 8".		
04210-0032			Engineer Brick, Red Face Running Bond (04210-0031)		
04210-0033	SF		Engineer Brick - Veneer (5.06/SF With Running Bond)	15.08	
	04MOD-0009		For Full Header Every 6th Course, Add	0.49	
	04MOD-0010		For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011		For Flemish, Alternate Header Every Course, Add	1.97	
	04MOD-0012		For Curved Wall Application, Add	2.43	
	04MOD-0013		For Interior Veneer Construction, Add	1.82	
	04MOD-0014		For Stacked Bond, Add	1.36	
	04MOD-0015		For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016		For Corbels, Add	9.12	
	04MOD-0017		For Colored Mortar, Add	0.29	
	04MOD-0018		For Basket Weave Or Soldier Bond Pattern, Add	1.36	
	04MOD-0019		For Herringbone Pattern, Add	2.12	
	04MOD-0020		For Severe Weather (SW) Brick, Add	0.44	
	04MOD-0021		For Close Tolerance (FBX), Add	1.44	
	04MOD-0022		For Small Area Replacements (Individual Areas) < 10 SF, Add	18.39	
	04MOD-0023		For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.31	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0034	SF	Engineer Brick - Cavity Wall (5.06/SF With Running Bond).....	17.07	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.27	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.56	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.29	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.56	
	04MOD-0019	For Herringbone Pattern, Add	2.41	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.44	
	04MOD-0021	For Close Tolerance (FBX), Add	1.63	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.37	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.30	
04210-0035		Roman Brick (04210-0026) Note: 2" x 4" x 12" or baby roman 2" x 4" x 8".		
04210-0036		Roman Brick, Red Face Running Bond (04210-0035)		
04210-0037	SF	Roman Brick - Veneer (5.23/SF With Running Bond).....	15.86	
	04MOD-0009	For Full Header Every 6th Course, Add	0.49	
	04MOD-0010	For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.01	
	04MOD-0012	For Curved Wall Application, Add	2.43	
	04MOD-0013	For Interior Veneer Construction, Add	1.82	
	04MOD-0014	For Stacked Bond, Add	1.40	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016	For Corbels, Add	9.12	
	04MOD-0017	For Colored Mortar, Add	0.37	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.40	
	04MOD-0019	For Herringbone Pattern, Add	2.19	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.56	
	04MOD-0021	For Close Tolerance (FBX), Add	1.49	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.43	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.35	
04210-0038	SF	Roman Brick - Cavity Wall (5.23/SF With Running Bond).....	17.85	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.31	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.60	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.37	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.60	
	04MOD-0019	For Herringbone Pattern, Add	2.49	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.56	
	04MOD-0021	For Close Tolerance (FBX), Add	1.69	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.41	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.34	
04210-0039	SF	Baby Roman Brick - Veneer (7.76/SF With Running Bond).....	16.54	
	04MOD-0009	For Full Header Every 6th Course, Add	0.49	
	04MOD-0010	For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.04	
	04MOD-0012	For Curved Wall Application, Add	2.43	
	04MOD-0013	For Interior Veneer Construction, Add	1.82	
	04MOD-0014	For Stacked Bond, Add	1.44	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016	For Corbels, Add	9.12	
	04MOD-0017	For Colored Mortar, Add	0.44	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.44	
	04MOD-0019	For Herringbone Pattern, Add	2.26	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.66	
	04MOD-0021	For Close Tolerance (FBX), Add	1.54	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.46	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.38	
04210-0040	SF	Baby Roman Brick - Cavity Wall (7.76/SF With Running Bond).....	18.53	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.34	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.63	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.44	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.63	
	04MOD-0019	For Herringbone Pattern, Add	2.56	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.66	
	04MOD-0021	For Close Tolerance (FBX), Add	1.74	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.44	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.37	

04000	Masonry
04200	Unit Masonry
04210	Brick Masonry



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0041		Norwegian Brick <small>(04210-0026)</small> Note: 3-1/5" x 4" x 12" or 6" norwegian 3-1/5" x 6" x 12".		
04210-0042		Norwegian Brick, Red Face Running Bond <small>(04210-0041)</small>		
04210-0043	SF	Norwegian Brick - Veneer (3.41/SF With Running Bond)	14.62	
	04MOD-0009	For Full Header Every 6th Course, Add	0.49	
	04MOD-0010	For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	1.95	
	04MOD-0012	For Curved Wall Application, Add	2.43	
	04MOD-0013	For Interior Veneer Construction, Add	1.82	
	04MOD-0014	For Stacked Bond, Add	1.34	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016	For Corbels, Add	9.12	
	04MOD-0017	For Colored Mortar, Add	0.25	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.34	
	04MOD-0019	For Herringbone Pattern, Add	2.07	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.37	
	04MOD-0021	For Close Tolerance (FBX), Add	1.40	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.36	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.28	
04210-0044	SF	Norwegian Brick - Cavity Wall (3.41/SF With Running Bond)	16.61	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.25	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.54	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.25	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.54	
	04MOD-0019	For Herringbone Pattern, Add	2.37	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.37	
	04MOD-0021	For Close Tolerance (FBX), Add	1.60	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.35	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.27	
04210-0045	SF	6" Norwegian Brick - Veneer (3.41/SF With Running Bond)	15.80	
	04MOD-0009	For Full Header Every 6th Course, Add	0.49	
	04MOD-0010	For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.01	
	04MOD-0012	For Curved Wall Application, Add	2.43	
	04MOD-0013	For Interior Veneer Construction, Add	1.82	
	04MOD-0014	For Stacked Bond, Add	1.40	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016	For Corbels, Add	9.12	
	04MOD-0017	For Colored Mortar, Add	0.36	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.40	
	04MOD-0019	For Herringbone Pattern, Add	2.19	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.55	
	04MOD-0021	For Close Tolerance (FBX), Add	1.49	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.42	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.34	
04210-0046	SF	6" Norwegian Brick - Cavity Wall (3.41/SF With Running Bond)	17.79	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.30	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.60	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.36	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.60	
	04MOD-0019	For Herringbone Pattern, Add	2.49	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.55	
	04MOD-0021	For Close Tolerance (FBX), Add	1.69	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.41	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.33	
04210-0047		Double Face Brick <small>(04210-0026)</small> Note: 5-1/3" x 4" x 8".		
04210-0048		Double Face Brick, Red Face Running Bond <small>(04210-0047)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0049	SF Double Face Brick - Veneer (3.13/SF With Running Bond)	14.12	
	04MOD-0009 For Full Header Every 6th Course, Add	0.49	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.92	
	04MOD-0012 For Curved Wall Application, Add	2.43	
	04MOD-0013 For Interior Veneer Construction, Add	1.82	
	04MOD-0014 For Stacked Bond, Add	1.31	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016 For Corbels, Add	9.12	
	04MOD-0017 For Colored Mortar, Add	0.20	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.31	
	04MOD-0019 For Herringbone Pattern, Add	2.02	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.29	
	04MOD-0021 For Close Tolerance (FBX), Add	1.36	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	18.34	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.26	
04210-0050	SF Double Face Brick - Cavity Wall (3.13/SF With Running Bond)	16.11	
	04MOD-0009 For Full Header Every 6th Course, Add	0.57	
	04MOD-0010 For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	2.22	
	04MOD-0012 For Curved Wall Application, Add	2.83	
	04MOD-0013 For Interior Veneer Construction, Add	2.12	
	04MOD-0014 For Stacked Bond, Add	1.51	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016 For Corbels, Add	10.61	
	04MOD-0017 For Colored Mortar, Add	0.20	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.51	
	04MOD-0019 For Herringbone Pattern, Add	2.32	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.29	
	04MOD-0021 For Close Tolerance (FBX), Add	1.56	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	21.32	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.25	
04210-0051	Triple Face Brick (04210-0026) Note: 5-1/3" x 4" x 12".		
04210-0052	Triple Face Brick, Red Face Running Bond (04210-0051)		
04210-0053	SF Triple Face Brick - Veneer (2.11/SF With Running Bond)	13.80	
	04MOD-0009 For Full Header Every 6th Course, Add	0.49	
	04MOD-0010 For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	1.91	
	04MOD-0012 For Curved Wall Application, Add	2.43	
	04MOD-0013 For Interior Veneer Construction, Add	1.82	
	04MOD-0014 For Stacked Bond, Add	1.30	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016 For Corbels, Add	9.12	
	04MOD-0017 For Colored Mortar, Add	0.16	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.30	
	04MOD-0019 For Herringbone Pattern, Add	1.99	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.25	
	04MOD-0021 For Close Tolerance (FBX), Add	1.34	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	18.32	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.24	
04210-0054	SF Triple Face Brick - Cavity Wall (2.11/SF With Running Bond)	15.79	
	04MOD-0009 For Full Header Every 6th Course, Add	0.57	
	04MOD-0010 For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011 For Flemish, Alternate Header Every Course, Add	2.20	
	04MOD-0012 For Curved Wall Application, Add	2.83	
	04MOD-0013 For Interior Veneer Construction, Add	2.12	
	04MOD-0014 For Stacked Bond, Add	1.50	
	04MOD-0015 For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016 For Corbels, Add	10.61	
	04MOD-0017 For Colored Mortar, Add	0.16	
	04MOD-0018 For Basket Weave Or Soldier Bond Pattern, Add	1.50	
	04MOD-0019 For Herringbone Pattern, Add	2.29	
	04MOD-0020 For Severe Weather (SW) Brick, Add	0.25	
	04MOD-0021 For Close Tolerance (FBX), Add	1.54	
	04MOD-0022 For Small Area Replacements (Individual Areas) < 10 SF, Add	21.31	
	04MOD-0023 For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.23	
04210-0055	SCR Face Brick (04210-0026) Note: 2-2/3" x 6" x 12".		
04210-0056	SCR Face Brick, Red Face Running Bond (04210-0055)		

04000	Masonry
04200	Unit Masonry
04210	Brick Masonry



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0057	SF	SCR Face Brick - Veneer (4.03/SF With Running Bond)	16.40	
	04MOD-0009	For Full Header Every 6th Course, Add	0.49	
	04MOD-0010	For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.04	
	04MOD-0012	For Curved Wall Application, Add	2.43	
	04MOD-0013	For Interior Veneer Construction, Add	1.82	
	04MOD-0014	For Stacked Bond, Add	1.43	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016	For Corbels, Add	9.12	
	04MOD-0017	For Colored Mortar, Add	0.42	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.43	
	04MOD-0019	For Herringbone Pattern, Add	2.25	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.64	
	04MOD-0021	For Close Tolerance (FBX), Add	1.53	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.45	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.37	
04210-0058	SF	SCR Face Brick - Cavity Wall (4.03/SF With Running Bond)	18.39	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.33	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.63	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.42	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.63	
	04MOD-0019	For Herringbone Pattern, Add	2.55	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.64	
	04MOD-0021	For Close Tolerance (FBX), Add	1.73	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.44	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.36	
04210-0059		Fire Brick <small>(04210-0026)</small>		
		Note: 3-1/5" x 4" x 12" or 6" Norwegian 3-1/5" x 6" x 12".		
04210-0060		Fire Brick, Red Face Running Bond <small>(04210-0059)</small>		
04210-0061	SF	Fire Brick - Veneer (With Running Bond)	16.51	
	04MOD-0009	For Full Header Every 6th Course, Add	0.49	
	04MOD-0010	For English, Full Header Every Second Course, Add	0.97	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.04	
	04MOD-0012	For Curved Wall Application, Add	2.43	
	04MOD-0013	For Interior Veneer Construction, Add	1.82	
	04MOD-0014	For Stacked Bond, Add	1.43	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.04	
	04MOD-0016	For Corbels, Add	9.12	
	04MOD-0017	For Colored Mortar, Add	0.44	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.43	
	04MOD-0019	For Herringbone Pattern, Add	2.26	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.65	
	04MOD-0021	For Close Tolerance (FBX), Add	1.54	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	18.46	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	12.38	
04210-0062	SF	Fire Brick - Cavity Wall (With Running Bond)	18.50	
	04MOD-0009	For Full Header Every 6th Course, Add	0.57	
	04MOD-0010	For English, Full Header Every Second Course, Add	1.13	
	04MOD-0011	For Flemish, Alternate Header Every Course, Add	2.34	
	04MOD-0012	For Curved Wall Application, Add	2.83	
	04MOD-0013	For Interior Veneer Construction, Add	2.12	
	04MOD-0014	For Stacked Bond, Add	1.63	
	04MOD-0015	For Battered Walls (Variable Depth Surface Placement), Add	3.54	
	04MOD-0016	For Corbels, Add	10.61	
	04MOD-0017	For Colored Mortar, Add	0.44	
	04MOD-0018	For Basket Weave Or Soldier Bond Pattern, Add	1.63	
	04MOD-0019	For Herringbone Pattern, Add	2.56	
	04MOD-0020	For Severe Weather (SW) Brick, Add	0.65	
	04MOD-0021	For Close Tolerance (FBX), Add	1.74	
	04MOD-0022	For Small Area Replacements (Individual Areas) < 10 SF, Add	21.44	
	04MOD-0023	For Columns Where The Shortest Distance From Corner to Corner Is < 3', Add	14.37	
04210-0063		Brick Veneer And Accessories <small>(04210)</small>		
04210-0064		Brick Stretchers <small>(04210-0063)</small>		
04210-0065	SF	1/2" x 2-1/4" x 7-5/8" Brick Veneer, Stretcher, Smooth Finish	10.03	0.87
	04MOD-0024	For Sand Finish, Deduct	-0.75	
	04MOD-0025	For Wire Cut Finish, Add	0.66	
04210-0066	SF	1/2" x 3-5/8" x 7-5/8" Brick Veneer, Stretcher, Smooth Finish	10.25	0.97
	04MOD-0024	For Sand Finish, Deduct	-0.75	
	04MOD-0025	For Wire Cut Finish, Add	0.66	
04210-0067	SF	1/2" x 3-5/8" x 11-5/8" Brick Veneer, Stretcher, Smooth Finish	10.53	1.12
	04MOD-0024	For Sand Finish, Deduct	-0.75	
	04MOD-0025	For Wire Cut Finish, Add	0.66	



Masonry 04000	04
Unit Masonry 04200	
Brick Masonry 04210	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04210-0068	Brick Corners (04210-0063)		
04210-0069	LF 1/2" x 2-1/4" x 7-5/8" Brick Veneer, Smooth Finish, Corner	15.44	2.60
04210-0070	LF 1/2" x 3-5/8" x 7-5/8" Brick Veneer, Smooth Finish, Corner	13.73	2.60
04210-0071	Brick Caps And Sills (04210-0063)		
04210-0072	LF 1" x 3 7/8" Brick Veneer, Smooth, Rolok Sill With Bracket.....	13.07	3.15
04210-0073	EA 3 5/8" x 2 1/4" x 7 5/8" Brick Veneer Edge Cap	7.15	1.31
04210-0074	EA 3 5/8" x 2 1/4" x 7 5/8" Brick Veneer Corner Edge Cap, L or R	11.63	1.31
04210-0075	Brick Veneer Accessories (04210-0063)		
04210-0076	LF 2 7/8" Brick Veneer, Starter Angle	3.39	0.50
04210-0077	LF 3 5/8" Brick Veneer, Top Side Angle.....	3.56	0.50
04210-0078	Window Sill (04210)		
04210-0079	LF Window Sill, Face Brick On Edge	16.56	
04213	Structural Glazed Clay Tile (04200)		
	Note: Includes tile and mortar in all colors.		
04213-0001	6T Series Structural Glazed Clay Tile (04213)		
04213-0002	Glazed On One Side 6T Series Structural Glazed Clay Tile (04213-0001)		
04213-0003	SF 2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	21.23	
	04MOD-0026 For Stacked Bond, Add	1.34	
04213-0004	SF 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	24.31	
	04MOD-0026 For Stacked Bond, Add	1.34	
	04MOD-0027 For 1 Hour Fire Rating, Add	1.76	
04213-0005	SF 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12".....	29.53	
	04MOD-0026 For Stacked Bond, Add	1.40	
	04MOD-0028 For 2 Hour Fire Rating, Add	2.25	
04213-0006	Special Shapes 6T Series Structural Glazed Clay Tile (04213-0001)		
04213-0007	LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile.....	21.92	
	04MOD-0026 For Stacked Bond, Add	1.58	
04213-0008	LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile.....	26.03	
	04MOD-0026 For Stacked Bond, Add	1.58	
04213-0009	8W Series Structural Glazed Clay Tile (04213)		
04213-0010	Glazed On One Side 8W Series Structural Glazed Clay Tile (04213-0009)		
04213-0011	SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	17.24	
	04MOD-0026 For Stacked Bond, Add	0.85	
04213-0012	SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	21.41	
	04MOD-0026 For Stacked Bond, Add	0.91	
	04MOD-0029 For 1 Hour Fire Rating, Add	1.68	
04213-0013	SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16".....	28.84	
	04MOD-0026 For Stacked Bond, Add	0.97	
	04MOD-0030 For 2 Hour Fire Rating, Add	2.40	
04213-0014	Special Shapes 8W Series Structural Glazed Clay Tile (04213-0009)		
04213-0015	LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	23.31	
	04MOD-0026 For Stacked Bond, Add	1.09	
04213-0016	LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile.....	23.36	
	04MOD-0026 For Stacked Bond, Add	1.09	
04213-0017	4W Series Structural Glazed Clay Tile (04213)		
04213-0018	Glazed On One Side 4W Series Structural Glazed Clay Tile (04213-0017)		
04213-0019	SF 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	22.39	
	04MOD-0026 For Stacked Bond, Add	1.34	
04213-0020	SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	24.12	
	04MOD-0026 For Stacked Bond, Add	1.34	
	04MOD-0031 For 1 Hour Fire Rating, Add	1.74	
04213-0021	SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8".....	30.10	
	04MOD-0026 For Stacked Bond, Add	1.40	
	04MOD-0032 For 2 Hour Fire Rating, Add	2.31	
04213-0022	Special Shapes 4W Series Structural Glazed Clay Tile (04213-0017)		
04213-0023	LF Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	22.18	
	04MOD-0026 For Stacked Bond, Add	1.58	
04213-0024	LF 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile.....	25.90	
	04MOD-0026 For Stacked Bond, Add	1.58	

04000 Masonry**04200 Unit Masonry****04213 Structural Glazed Clay Tile**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
04220 Concrete Masonry Unit (04200)

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04150-0000 for reinforcing.

04220-0001 Back-Up Blocks (04220)

Note: Non-Reinforced Concrete (NRC) where indicated.

04220-0002 Back-Up Blocks - NRC, Sand Aggregate (04220-0001)

04220-0003	SF 8" x 16" x 2" Solid Back-up Concrete Masonry Unit (Sand Aggregate)	7.39
	04MOD-0033 For Special Color, Add	1.04
	04MOD-0034 For Stacked Bond, Add	1.60
	04MOD-0035 For Scored Block, Add	0.25
	04MOD-0039 For Curved Wall Application, Add	1.23
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	9.30
04220-0004	SF 8" x 16" x 4" Regular Back-up Concrete Masonry Unit (Sand Aggregate)	7.53
	04MOD-0033 For Special Color, Add	0.90
	04MOD-0034 For Stacked Bond, Add	1.68
	04MOD-0035 For Scored Block, Add	0.22
	04MOD-0039 For Curved Wall Application, Add	1.29
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	9.76
04220-0005	SF 8" x 16" x 6" Regular Back-up Concrete Masonry Unit (Sand Aggregate)	8.54
	04MOD-0033 For Special Color, Add	1.13
	04MOD-0034 For Stacked Bond, Add	1.87
	04MOD-0035 For Scored Block, Add	0.27
	04MOD-0039 For Curved Wall Application, Add	1.44
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	10.87
04220-0006	SF 8" x 16" x 8" Regular Back-up Concrete Masonry Unit (Sand Aggregate)	9.19
	04MOD-0033 For Special Color, Add	1.31
	04MOD-0034 For Stacked Bond, Add	1.98
	04MOD-0035 For Scored Block, Add	0.32
	04MOD-0039 For Curved Wall Application, Add	1.52
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	11.53
04220-0007	SF 8" x 16" x 10" Regular Back-up Concrete Masonry Unit (Sand Aggregate)	9.95
	04MOD-0033 For Special Color, Add	1.75
	04MOD-0034 For Stacked Bond, Add	2.04
	04MOD-0035 For Scored Block, Add	0.42
	04MOD-0039 For Curved Wall Application, Add	1.57
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	11.92
04220-0008	SF 8" x 16" x 12" Regular Back-up Concrete Masonry Unit (Sand Aggregate)	11.89
	04MOD-0033 For Special Color, Add	1.83
	04MOD-0034 For Stacked Bond, Add	2.52
	04MOD-0035 For Scored Block, Add	0.44
	04MOD-0039 For Curved Wall Application, Add	1.94
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	14.70

04220-0009 Foundation Wall Blocks (04220)**04220-0010 Foundation Wall Blocks - NRC, Sand Aggregate (04220-0009)**

04220-0011	SF 8" x 16" x 6" Regular Foundation Wall Concrete Masonry Unit (Sand Aggregate)	7.73
	04MOD-0033 For Special Color, Add	1.13
	04MOD-0034 For Stacked Bond, Add	1.66
	04MOD-0035 For Scored Block, Add	0.27
	04MOD-0039 For Curved Wall Application, Add	1.27
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	9.66
04220-0012	SF 8" x 16" x 8" Regular Foundation Wall Concrete Masonry Unit (Sand Aggregate)	8.38
	04MOD-0033 For Special Color, Add	1.31
	04MOD-0034 For Stacked Bond, Add	1.77
	04MOD-0035 For Scored Block, Add	0.32
	04MOD-0039 For Curved Wall Application, Add	1.36
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	10.32
04220-0013	SF 8" x 16" x 10" Regular Foundation Wall Concrete Masonry Unit (Sand Aggregate)	9.60
	04MOD-0033 For Special Color, Add	1.75
	04MOD-0034 For Stacked Bond, Add	1.95
	04MOD-0035 For Scored Block, Add	0.42
	04MOD-0039 For Curved Wall Application, Add	1.50
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	11.39
04220-0014	SF 8" x 16" x 12" Regular Foundation Wall Concrete Masonry Unit (Sand Aggregate)	11.89
	04MOD-0033 For Special Color, Add	1.83
	04MOD-0034 For Stacked Bond, Add	2.52
	04MOD-0035 For Scored Block, Add	0.44
	04MOD-0039 For Curved Wall Application, Add	1.94
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	14.70
04220-0015	SF 8" x 16" x 6" Solid Foundation Wall Concrete Masonry Unit (Sand Aggregate)	8.35
	04MOD-0033 For Special Color, Add	1.51
	04MOD-0034 For Stacked Bond, Add	1.70
	04MOD-0035 For Scored Block, Add	0.36
	04MOD-0039 For Curved Wall Application, Add	1.31
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	9.93
04220-0016	SF 8" x 16" x 8" Solid Foundation Wall Concrete Masonry Unit (Sand Aggregate)	9.23
	04MOD-0033 For Special Color, Add	1.78
	04MOD-0034 For Stacked Bond, Add	1.84
	04MOD-0035 For Scored Block, Add	0.43
	04MOD-0039 For Curved Wall Application, Add	1.42
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	10.78



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04220-0017	SF	8" x 16" x 10" Solid Foundation Wall Concrete Masonry Unit (Sand Aggregate).....	10.48	
	04MOD-0033	For Special Color, Add	2.19	
	04MOD-0034	For Stacked Bond, Add	2.04	
	04MOD-0035	For Scored Block, Add	0.53	
	04MOD-0039	For Curved Wall Application, Add	1.57	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	11.96	
04220-0018	SF	8" x 16" x 12" Solid Foundation Wall Concrete Masonry Unit (Sand Aggregate).....	13.03	
	04MOD-0033	For Special Color, Add	2.37	
	04MOD-0034	For Stacked Bond, Add	2.65	
	04MOD-0035	For Scored Block, Add	0.57	
	04MOD-0039	For Curved Wall Application, Add	2.04	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	15.48	
04220-0019		Partition Blocks (04220)		
04220-0020		Lightweight, Regular Partition Blocks, NRC With Sand Aggregate (04220-0019)		
04220-0021	SF	8" x 16" x 4" Lightweight Regular Concrete Masonry Unit Partition Block (Sand Aggregate).....	7.61	
	04MOD-0033	For Special Color, Add	0.96	
	04MOD-0034	For Stacked Bond, Add	1.68	
	04MOD-0035	For Scored Block, Add	0.23	
	04MOD-0039	For Curved Wall Application, Add	1.29	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	9.76	
04220-0022	SF	8" x 16" x 6" Lightweight Regular Concrete Masonry Unit Partition Block (Sand Aggregate).....	8.45	
	04MOD-0033	For Special Color, Add	1.22	
	04MOD-0034	For Stacked Bond, Add	1.81	
	04MOD-0035	For Scored Block, Add	0.29	
	04MOD-0039	For Curved Wall Application, Add	1.40	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	10.58	
04220-0023	SF	8" x 16" x 8" Lightweight Regular Concrete Masonry Unit Partition Block (Sand Aggregate).....	9.14	
	04MOD-0033	For Special Color, Add	1.37	
	04MOD-0034	For Stacked Bond, Add	1.95	
	04MOD-0035	For Scored Block, Add	0.33	
	04MOD-0039	For Curved Wall Application, Add	1.50	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	11.36	
04220-0024	SF	8" x 16" x 10" Lightweight Regular Concrete Masonry Unit Partition Block (Sand Aggregate).....	10.04	
	04MOD-0033	For Special Color, Add	1.83	
	04MOD-0034	For Stacked Bond, Add	2.04	
	04MOD-0035	For Scored Block, Add	0.44	
	04MOD-0039	For Curved Wall Application, Add	1.57	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	11.93	
04220-0025	SF	8" x 16" x 12" Lightweight Regular Concrete Masonry Unit Partition Block (Sand Aggregate).....	12.06	
	04MOD-0033	For Special Color, Add	1.97	
	04MOD-0034	For Stacked Bond, Add	2.52	
	04MOD-0035	For Scored Block, Add	0.47	
	04MOD-0039	For Curved Wall Application, Add	1.94	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	14.71	
04220-0026		Lightweight, Solid Partition Blocks, NRC With Sand Aggregate (04220-0019)		
04220-0027	SF	8" x 16" x 4" Lightweight Solid Concrete Masonry Unit Partition Block (Sand Aggregate).....	8.15	
	04MOD-0033	For Special Color, Add	1.28	
	04MOD-0034	For Stacked Bond, Add	1.72	
	04MOD-0035	For Scored Block, Add	0.31	
	04MOD-0039	For Curved Wall Application, Add	1.32	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	10.03	
04220-0028	SF	8" x 16" x 6" Lightweight Solid Concrete Masonry Unit Partition Block (Sand Aggregate).....	8.95	
	04MOD-0033	For Special Color, Add	1.39	
	04MOD-0034	For Stacked Bond, Add	1.89	
	04MOD-0035	For Scored Block, Add	0.33	
	04MOD-0039	For Curved Wall Application, Add	1.46	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	11.05	
04220-0029	SF	8" x 16" x 8" Lightweight Solid Concrete Masonry Unit Partition Block (Sand Aggregate).....	9.45	
	04MOD-0033	For Special Color, Add	1.44	
	04MOD-0034	For Stacked Bond, Add	2.01	
	04MOD-0035	For Scored Block, Add	0.35	
	04MOD-0039	For Curved Wall Application, Add	1.54	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	11.71	
04220-0030	SF	8" x 16" x 10" Lightweight Solid Concrete Masonry Unit Partition Block (Sand Aggregate).....	10.48	
	04MOD-0033	For Special Color, Add	1.98	
	04MOD-0034	For Stacked Bond, Add	2.10	
	04MOD-0035	For Scored Block, Add	0.48	
	04MOD-0039	For Curved Wall Application, Add	1.62	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	12.31	
04220-0031	SF	8" x 16" x 12" Lightweight Solid Concrete Masonry Unit Partition Block (Sand Aggregate).....	12.57	
	04MOD-0033	For Special Color, Add	2.12	
	04MOD-0034	For Stacked Bond, Add	2.61	
	04MOD-0035	For Scored Block, Add	0.51	
	04MOD-0039	For Curved Wall Application, Add	2.00	
	04MOD-0040	For Small Area Replacements (Individual Areas) < 10 SF, Add	15.22	
04220-0032		Normal Weight, Regular Partition Blocks, NRC With Sand Aggregate (04220-0019)		

04000	Masonry
04200	Unit Masonry
04220	Concrete Masonry Unit



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04220-0033	SF		8" x 16" x 4" Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	7.77	
	04MOD-0033		For Special Color, Add	0.96	
	04MOD-0034		For Stacked Bond, Add	1.72	
	04MOD-0035		For Scored Block, Add	0.23	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.14	
	04MOD-0039		For Curved Wall Application, Add	1.32	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	10.00	
04220-0034	SF		8" x 16" x 6" Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	8.60	
	04MOD-0033		For Special Color, Add	1.10	
	04MOD-0034		For Stacked Bond, Add	1.89	
	04MOD-0035		For Scored Block, Add	0.26	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.27	
	04MOD-0039		For Curved Wall Application, Add	1.46	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	11.02	
04220-0035	SF		8" x 16" x 8" Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	9.24	
	04MOD-0033		For Special Color, Add	1.26	
	04MOD-0034		For Stacked Bond, Add	2.01	
	04MOD-0035		For Scored Block, Add	0.30	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.40	
	04MOD-0039		For Curved Wall Application, Add	1.54	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	11.69	
04220-0036	SF		8" x 16" x 10" Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	11.03	
	04MOD-0033		For Special Color, Add	2.44	
	04MOD-0034		For Stacked Bond, Add	2.10	
	04MOD-0035		For Scored Block, Add	0.59	
	04MOD-0038		For 4" High (Half Height) Block, Add	2.01	
	04MOD-0039		For Curved Wall Application, Add	1.62	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	12.36	
04220-0037	SF		8" x 16" x 12" Normal Concrete Masonry Unit Partition Block (Sand Aggregate)	13.05	
	04MOD-0033		For Special Color, Add	2.51	
	04MOD-0034		For Stacked Bond, Add	2.61	
	04MOD-0035		For Scored Block, Add	0.61	
	04MOD-0038		For 4" High (Half Height) Block, Add	2.24	
	04MOD-0039		For Curved Wall Application, Add	2.00	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	15.26	
04220-0038			Normal Weight, Solid Partition Blocks, NRC With Sand Aggregate <small>(04220-0019)</small>		
04220-0039	SF		8" x 16" x 4" Solid Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	8.27	
	04MOD-0033		For Special Color, Add	1.22	
	04MOD-0034		For Stacked Bond, Add	1.77	
	04MOD-0035		For Scored Block, Add	0.29	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.28	
	04MOD-0039		For Curved Wall Application, Add	1.36	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	10.31	
04220-0040	SF		8" x 16" x 6" Solid Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	8.85	
	04MOD-0033		For Special Color, Add	1.13	
	04MOD-0034		For Stacked Bond, Add	1.95	
	04MOD-0035		For Scored Block, Add	0.27	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.31	
	04MOD-0039		For Curved Wall Application, Add	1.50	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	11.34	
04220-0041	SF		8" x 16" x 8" Solid Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	9.54	
	04MOD-0033		For Special Color, Add	1.31	
	04MOD-0034		For Stacked Bond, Add	2.07	
	04MOD-0035		For Scored Block, Add	0.32	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.44	
	04MOD-0039		For Curved Wall Application, Add	1.59	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	12.06	
04220-0042	SF		8" x 16" x 10" Solid Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	10.46	
	04MOD-0033		For Special Color, Add	1.75	
	04MOD-0034		For Stacked Bond, Add	2.17	
	04MOD-0035		For Scored Block, Add	0.42	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.70	
	04MOD-0039		For Curved Wall Application, Add	1.67	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	12.68	
04220-0043	SF		8" x 16" x 12" Solid Normal Weight Concrete Masonry Unit Partition Block (Sand Aggregate)	12.56	
	04MOD-0033		For Special Color, Add	1.83	
	04MOD-0034		For Stacked Bond, Add	2.69	
	04MOD-0035		For Scored Block, Add	0.44	
	04MOD-0038		For 4" High (Half Height) Block, Add	1.94	
	04MOD-0039		For Curved Wall Application, Add	2.07	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	15.71	
04220-0044			Modified Face Blocks <small>(04220)</small>		
04220-0045			Plain Or Scored Split Faced <small>(04220-0044)</small>		
04220-0046	SF		8" x 16" x 4" Plain Or Scored Split Face Concrete Masonry Unit	10.16	
	04MOD-0033		For Special Color, Add	1.72	
	04MOD-0034		For Stacked Bond, Add	2.10	
	04MOD-0039		For Curved Wall Application, Add	1.62	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	12.29	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04220-0047	SF 8" x 16" x 6" Plain Or Scored Split Face Concrete Masonry Unit.....	11.47	
	04MOD-0033 For Special Color, Add	1.97	
	04MOD-0034 For Stacked Bond, Add	2.37	
	04MOD-0039 For Curved Wall Application, Add	1.82	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	13.83	
04220-0048	SF 8" x 16" x 8" Plain Or Scored Split Face Concrete Masonry Unit.....	12.40	
	04MOD-0033 For Special Color, Add	2.32	
	04MOD-0034 For Stacked Bond, Add	2.50	
	04MOD-0039 For Curved Wall Application, Add	1.92	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	14.62	
04220-0049	SF 8" x 16" x 10" Plain Or Scored Split Face Concrete Masonry Unit.....	13.29	
	04MOD-0033 For Special Color, Add	2.57	
	04MOD-0034 For Stacked Bond, Add	2.65	
	04MOD-0039 For Curved Wall Application, Add	2.04	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	15.52	
04220-0050	SF 8" x 16" x 12" Plain Or Scored Split Face Concrete Masonry Unit.....	15.51	
	04MOD-0033 For Special Color, Add	2.48	
	04MOD-0034 For Stacked Bond, Add	3.26	
	04MOD-0039 For Curved Wall Application, Add	2.50	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	19.00	
04220-0051	Ground Face <small>(04220-0044)</small>		
04220-0052	SF 8" x 16" x 4" Ground Face Concrete Masonry Unit.....	9.94	
	04MOD-0033 For Special Color, Add	1.54	
	04MOD-0034 For Stacked Bond, Add	2.10	
	04MOD-0037 For Scored Block, Add	0.37	
	04MOD-0039 For Curved Wall Application, Add	1.62	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	12.27	
04220-0053	SF 8" x 16" x 6" Ground Face Concrete Masonry Unit.....	11.21	
	04MOD-0033 For Special Color, Add	1.75	
	04MOD-0034 For Stacked Bond, Add	2.37	
	04MOD-0037 For Scored Block, Add	0.42	
	04MOD-0039 For Curved Wall Application, Add	1.82	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	13.81	
04220-0054	SF 8" x 16" x 8" Ground Face Concrete Masonry Unit.....	12.11	
	04MOD-0033 For Special Color, Add	2.08	
	04MOD-0034 For Stacked Bond, Add	2.50	
	04MOD-0037 For Scored Block, Add	0.50	
	04MOD-0039 For Curved Wall Application, Add	1.92	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	14.60	
04220-0055	SF 8" x 16" x 10" Ground Face Concrete Masonry Unit.....	12.94	
	04MOD-0033 For Special Color, Add	2.28	
	04MOD-0034 For Stacked Bond, Add	2.65	
	04MOD-0037 For Scored Block, Add	0.55	
	04MOD-0039 For Curved Wall Application, Add	2.04	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	15.49	
04220-0056	SF 8" x 16" x 12" Ground Face Concrete Masonry Unit.....	15.53	
	04MOD-0033 For Special Color, Add	2.50	
	04MOD-0034 For Stacked Bond, Add	3.26	
	04MOD-0037 For Scored Block, Add	0.60	
	04MOD-0039 For Curved Wall Application, Add	2.50	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	19.01	
04220-0057	Profile Units <small>(04220)</small>		
04220-0058	Split Rib, 1" Deep Ribs <small>(04220-0057)</small>		
04220-0059	SF 8" x 16" x 4" Split Rib Concrete Masonry Unit, 1" Deep Ribs, Profile Units	10.00	
	04MOD-0033 For Special Color, Add	1.59	
	04MOD-0034 For Stacked Bond, Add	2.10	
	04MOD-0037 For Scored Block, Add	0.38	
	04MOD-0039 For Curved Wall Application, Add	1.62	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	12.28	
04220-0060	SF 8" x 16" x 6" Split Rib Concrete Masonry Unit, 1" Deep Ribs, Profile Units	11.85	
	04MOD-0033 For Special Color, Add	2.28	
	04MOD-0034 For Stacked Bond, Add	2.37	
	04MOD-0037 For Scored Block, Add	0.55	
	04MOD-0039 For Curved Wall Application, Add	1.82	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	13.86	
04220-0061	SF 8" x 16" x 8" Split Rib Concrete Masonry Unit, 1" Deep Ribs, Profile Units	12.60	
	04MOD-0033 For Special Color, Add	2.48	
	04MOD-0034 For Stacked Bond, Add	2.50	
	04MOD-0037 For Scored Block, Add	0.60	
	04MOD-0039 For Curved Wall Application, Add	1.92	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	14.64	
04220-0062	SF 8" x 16" x 10" Split Rib Concrete Masonry Unit, 1" Deep Ribs, Profile Units	13.46	
	04MOD-0033 For Special Color, Add	2.71	
	04MOD-0034 For Stacked Bond, Add	2.65	
	04MOD-0037 For Scored Block, Add	0.65	
	04MOD-0039 For Curved Wall Application, Add	2.04	
	04MOD-0040 For Small Area Replacements (Individual Areas) < 10 SF, Add	15.53	

04000	Masonry
04200	Unit Masonry
04220	Concrete Masonry Unit



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04220-0063	SF		8" x 16" x 12" Split Rib Concrete Masonry Unit, 1" Deep Ribs, Profile Units.....	16.10	
	04MOD-0033		For Special Color, Add	2.97	
	04MOD-0034		For Stacked Bond, Add	3.26	
	04MOD-0037		For Scored Block, Add	0.72	
	04MOD-0039		For Curved Wall Application, Add	2.50	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	19.05	
04220-0064			Hexagonal Face (04220-0057)		
04220-0065	SF		8" x 16" x 4" Hollow Hexagonal Face Concrete Masonry Unit Profile Units.....	10.28	
	04MOD-0033		For Special Color, Add	1.82	
	04MOD-0034		For Stacked Bond, Add	2.10	
	04MOD-0037		For Scored Block, Add	0.44	
	04MOD-0039		For Curved Wall Application, Add	1.62	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	12.30	
04220-0066	SF		8" x 16" x 4" Solid Hexagonal Face Concrete Masonry Unit Profile Units.....	11.34	
	04MOD-0033		For Special Color, Add	2.46	
	04MOD-0034		For Stacked Bond, Add	2.18	
	04MOD-0037		For Scored Block, Add	0.59	
	04MOD-0039		For Curved Wall Application, Add	1.68	
	04MOD-0040		For Small Area Replacements (Individual Areas) < 10 SF, Add	12.79	
04220-0067			High Strength Blocks (04220)		
04220-0068			High Strength Blocks, 3500 PSI (04220-0067)		
04220-0069	SF		8" x 16" x 2" High Strength Concrete Masonry Unit, 3500 PSI.....	7.47	
	04MOD-0033		For Special Color, Add	0.98	
	04MOD-0034		For Stacked Bond, Add	1.64	
	04MOD-0037		For Scored Block, Add	0.24	
	04MOD-0039		For Curved Wall Application, Add	1.26	
04220-0070	SF		8" x 16" x 4" High Strength Concrete Masonry Unit, 3500 PSI.....	7.71	
	04MOD-0033		For Special Color, Add	0.91	
	04MOD-0034		For Stacked Bond, Add	1.72	
	04MOD-0037		For Scored Block, Add	0.22	
	04MOD-0039		For Curved Wall Application, Add	1.32	
04220-0071	SF		8" x 16" x 6" High Strength Concrete Masonry Unit, 3500 PSI.....	8.70	
	04MOD-0033		For Special Color, Add	1.18	
	04MOD-0034		For Stacked Bond, Add	1.89	
	04MOD-0037		For Scored Block, Add	0.28	
	04MOD-0039		For Curved Wall Application, Add	1.46	
04220-0072	SF		8" x 16" x 8" High Strength Concrete Masonry Unit, 3500 PSI.....	9.40	
	04MOD-0033		For Special Color, Add	1.39	
	04MOD-0034		For Stacked Bond, Add	2.01	
	04MOD-0037		For Scored Block, Add	0.34	
	04MOD-0039		For Curved Wall Application, Add	1.54	
04220-0073	SF		8" x 16" x 10" High Strength Concrete Masonry Unit, 3500 PSI.....	10.56	
	04MOD-0033		For Special Color, Add	1.94	
	04MOD-0034		For Stacked Bond, Add	2.14	
	04MOD-0037		For Scored Block, Add	0.47	
	04MOD-0039		For Curved Wall Application, Add	1.64	
04220-0074	SF		8" x 16" x 12" High Strength Concrete Masonry Unit, 3500 PSI.....	12.48	
	04MOD-0033		For Special Color, Add	2.04	
	04MOD-0034		For Stacked Bond, Add	2.61	
	04MOD-0037		For Scored Block, Add	0.49	
	04MOD-0039		For Curved Wall Application, Add	2.00	
04220-0075			Solar Screens (04220)		
04220-0076			Solar Screen Concrete Masonry Units (04220-0075)		
04220-0077	SF		6" x 6" x 4" Solar Screen Concrete Masonry Unit.....	10.46	
	04MOD-0033		For Special Color, Add	2.28	
	04MOD-0034		For Stacked Bond, Add	2.00	
	04MOD-0037		For Scored Block, Add	0.55	
	04MOD-0039		For Curved Wall Application, Add	1.54	
04220-0078	SF		8" x 8" x 4" Solar Screen Concrete Masonry Unit.....	11.25	
	04MOD-0033		For Special Color, Add	2.32	
	04MOD-0034		For Stacked Bond, Add	2.20	
	04MOD-0037		For Scored Block, Add	0.56	
	04MOD-0039		For Curved Wall Application, Add	1.69	
04220-0079	SF		12" x 12" x 4" Solar Screen Concrete Masonry Unit.....	12.97	
	04MOD-0033		For Special Color, Add	2.91	
	04MOD-0034		For Stacked Bond, Add	2.46	
	04MOD-0037		For Scored Block, Add	0.70	
	04MOD-0039		For Curved Wall Application, Add	1.89	
04220-0080	SF		8" x 16" x 8" Solar Screen Concrete Masonry Unit.....	18.30	
	04MOD-0033		For Special Color, Add	3.59	
	04MOD-0034		For Stacked Bond, Add	3.63	
	04MOD-0037		For Scored Block, Add	0.86	
	04MOD-0039		For Curved Wall Application, Add	2.80	
04220-0081			Bond Beam Or Lintel Blocks (04220)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04220-0082	Bond Beam Or Lintel Blocks <small>(04220-0081)</small>		
	Note: Excludes grout and reinforcing. See CSI section 03210-0000 for reinforcing, 04110-0001 for grout.		
04220-0083	LF 8" x 16" x 6" Regular Weight Bond Beam Or Lintel Block (Block Only)	8.83	
	04MOD-0033 For Special Color, Add	1.29	
	04MOD-0034 For Stacked Bond, Add	1.89	
	04MOD-0036 For Grout And Fill With 2 #5 Rebar, Add	5.19	
	04MOD-0037 For Scored Block, Add	0.31	
	04MOD-0039 For Curved Wall Application, Add	1.46	
04220-0084	LF 8" x 16" x 8" Regular Weight Bond Beam Or Lintel Block (Block Only)	9.65	
	04MOD-0033 For Special Color, Add	1.60	
	04MOD-0034 For Stacked Bond, Add	2.01	
	04MOD-0036 For Grout And Fill With 2 #5 Rebar, Add	5.79	
	04MOD-0037 For Scored Block, Add	0.39	
	04MOD-0039 For Curved Wall Application, Add	1.54	
04220-0085	LF 8" x 16" x 12" Regular Weight Bond Beam Or Lintel Block (Block Only)	12.09	
	04MOD-0033 For Special Color, Add	1.72	
	04MOD-0034 For Stacked Bond, Add	2.61	
	04MOD-0036 For Grout And Fill With 2 #5 Rebar, Add	7.08	
	04MOD-0037 For Scored Block, Add	0.41	
	04MOD-0039 For Curved Wall Application, Add	2.00	
04220-0086	LF 8" x 16" x 6" Lightweight Bond Beam Or Lintel Block (Block Only)	8.79	
	04MOD-0033 For Special Color, Add	1.50	
	04MOD-0034 For Stacked Bond, Add	1.81	
	04MOD-0036 For Grout And Fill With 2 #5 Rebar, Add	5.30	
	04MOD-0037 For Scored Block, Add	0.36	
	04MOD-0039 For Curved Wall Application, Add	1.40	
04220-0087	LF 8" x 16" x 8" Lightweight Bond Beam Or Lintel Block (Block Only)	9.68	
	04MOD-0033 For Special Color, Add	1.82	
	04MOD-0034 For Stacked Bond, Add	1.95	
	04MOD-0036 For Grout And Fill With 2 #5 Rebar, Add	5.94	
	04MOD-0037 For Scored Block, Add	0.44	
	04MOD-0039 For Curved Wall Application, Add	1.50	
04220-0088	LF 8" x 16" x 12" Lightweight Bond Beam Or Lintel Block (Block Only)	12.02	
	04MOD-0033 For Special Color, Add	1.93	
	04MOD-0034 For Stacked Bond, Add	2.52	
	04MOD-0036 For Grout And Fill With 2 #5 Rebar, Add	7.18	
	04MOD-0037 For Scored Block, Add	0.47	
	04MOD-0039 For Curved Wall Application, Add	1.94	
04221	Glazed Face Concrete Masonry Unit <small>(04200)</small>		
	Note: Includes CMU and mortar. 8" x 16" with glazing.		
04221-0001	One Glazed Face Concrete Masonry Unit <small>(04221)</small>		
04221-0002	One Glazed Face Concrete Masonry Unit <small>(04221-0001)</small>		
04221-0003	SF 4" Thick One Glazed Face Concrete Masonry Unit	17.02	
	04MOD-0041 For Special Shapes, Add	9.18	
04221-0004	SF 6" Thick One Glazed Face Concrete Masonry Unit	18.24	
	04MOD-0041 For Special Shapes, Add	9.61	
04221-0005	SF 8" Thick One Glazed Face Concrete Masonry Unit	19.32	
	04MOD-0041 For Special Shapes, Add	10.22	
04221-0006	SF 10" Thick One Glazed Face Concrete Masonry Unit	20.46	
	04MOD-0041 For Special Shapes, Add	10.85	
04221-0007	SF 12" Thick One Glazed Face Concrete Masonry Unit	23.16	
	04MOD-0041 For Special Shapes, Add	11.38	
04221-0008	Two Glazed Faces Concrete Masonry Unit <small>(04221)</small>		
04221-0009	Two Glazed Faces Concrete Masonry Unit <small>(04221-0008)</small>		
04221-0010	SF 4" Thick Two Glazed Faces Concrete Masonry Unit.....	22.57	
	04MOD-0041 For Special Shapes, Add	13.63	
04221-0011	SF 6" Thick Two Glazed Faces Concrete Masonry Unit.....	23.69	
	04MOD-0041 For Special Shapes, Add	14.08	
04221-0012	SF 8" Thick Two Glazed Faces Concrete Masonry Unit.....	25.31	
	04MOD-0041 For Special Shapes, Add	14.69	
04221-0013	Glazed Cove Base Concrete Masonry Unit <small>(04221)</small>		
04221-0014	LF 2" Thick Glazed Cove Base Concrete Masonry Unit.....	18.41	
	04MOD-0041 For Special Shapes, Add	8.22	
04221-0015	LF 4" Thick Glazed Cove Base Concrete Masonry Unit.....	19.47	
	04MOD-0041 For Special Shapes, Add	8.39	
04221-0016	LF 6" Thick Glazed Cove Base Concrete Masonry Unit.....	20.88	
	04MOD-0041 For Special Shapes, Add	8.75	
04221-0017	LF 8" Thick Glazed Cove Base Concrete Masonry Unit.....	22.25	
	04MOD-0041 For Special Shapes, Add	9.18	
04221-0018	Glazed Corner, Bullnose Or Square Concrete Masonry Unit <small>(04221)</small>		
04221-0019	EA 2" Thick Glazed Corner, Bullnose Or Square Concrete Masonry Unit.....	23.84	
	04MOD-0041 For Special Shapes, Add	15.75	

04000 Masonry**04200 Unit Masonry****04221 Glazed Face Concrete Masonry Unit**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04221-0020 EA 4" Thick Glazed Corner, Bullnose Or Square Concrete Masonry Unit.....	27.77	
04MOD-0041 For Special Shapes, Add	18.83	
04221-0021 EA 6" Thick Glazed Corner, Bullnose Or Square Concrete Masonry Unit.....	29.67	
04MOD-0041 For Special Shapes, Add	19.87	
04221-0022 EA 8" Thick Glazed Corner, Bullnose Or Square Concrete Masonry Unit.....	31.12	
04MOD-0041 For Special Shapes, Add	20.93	
04221-0023 EA 10" Thick Glazed Corner, Bullnose Or Square Concrete Masonry Unit.....	47.37	
04MOD-0041 For Special Shapes, Add	36.75	
04221-0024 EA 12" Thick Glazed Corner, Bullnose Or Square Concrete Masonry Unit.....	54.16	
04MOD-0041 For Special Shapes, Add	41.09	

04222 Precast/Structural Units For Masonry Construction (04200)**04222-0001 Precast Lintels (04222)****04222-0002 Precast Lintels (04222-0001)****04222-0003 4" Wide Precast Lintels (04222-0002)**

04222-0004 LF Up To 5' Long, 4" x 8" Precast Lintels For Masonry Construction.....	17.13	
04222-0005 LF > 5' To 12' Long, 4" x 8" Precast Lintels For Masonry Construction.....	20.21	

04222-0006 6" Wide Precast Lintels (04222-0002)

04222-0007 LF Up To 5' Long, 6" x 8" Precast Lintels For Masonry Construction.....	23.39	
04222-0008 LF > 5' To 12' Long, 6" x 8" Precast Lintels For Masonry Construction.....	26.22	
04222-0009 LF Up To 5' Long, 6" x 12" Precast Lintels For Masonry Construction.....	41.43	
04222-0010 LF > 5' To 12' Long, 6" x 12" Precast Lintels For Masonry Construction.....	44.52	
04222-0011 LF Up To 5' Long, 6" x 16" Precast Lintels For Masonry Construction.....	50.51	
04222-0012 LF > 5' To 12' Long, 6" x 16" Precast Lintels For Masonry Construction.....	56.22	

04222-0013 8" Wide Precast Lintels (04222-0002)

04222-0014 LF Up To 5' Long, 8" x 8" Precast Lintel For Masonry Construction.....	33.04	
04222-0015 LF > 5' To 12' Long, 8" x 8" Precast Lintel For Masonry Construction.....	33.96	
04222-0016 LF Up To 5' Long, 8" x 12" Precast Lintel For Masonry Construction.....	42.40	
04222-0017 LF > 5' To 12' Long, 8" x 12" Precast Lintel For Masonry Construction.....	46.93	

04222-0018 12" Wide Precast Lintels (04222-0002)

04222-0019 LF Up To 5' Long, 12" x 12" Precast Lintel For Masonry Construction.....	54.38	
04222-0020 LF > 5' To 12' Long, 12" x 12" Precast Lintel For Masonry Construction.....	60.92	
04222-0021 LF Up To 5' Long, 12" x 16" Precast Lintel For Masonry Construction.....	65.70	
04222-0022 LF > 5' To 12' Long, 12" x 16" Precast Lintel For Masonry Construction.....	73.91	

04222-0023 Precast Coping (04222)

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04251-0001 for terra cotta coping, 04400-0000 for stone coping, 07600-0000 for metal coping.

04222-0024 Precast Concrete Coping (04222-0023)

Note: Measured at highest point

04222-0025 SF 2" Precast Concrete Coping.....	31.73	7.83
04222-0026 SF 2-1/2" Precast Concrete Coping.....	35.42	8.43
04222-0027 SF 3" Precast Concrete Coping.....	40.72	9.02
04222-0028 SF 3-1/2" Precast Concrete Coping.....	43.58	9.63
04222-0029 SF 4" Precast Concrete Coping.....	46.48	10.23
04222-0030 SF 5" Precast Concrete Coping.....	54.89	10.83
04222-0031 SF 6" Precast Concrete Coping.....	62.27	11.44

04222-0032 Precast Window Sills (04222)

Note: Includes caulk and ties

04222-0033 Precast Window Sills (04222-0032)

04222-0034 LF 6" Wide Precast Window Sill.....	23.06	6.02
04222-0035 LF 10" Wide Precast Window Sill.....	33.76	6.02
04222-0036 LF 14" Wide Precast Window Sill.....	39.52	6.02

04240 Clay Backing Tile (04200)

Note: 12" x 12" back-up tile.

04240-0001 Scored Face, Hollow, Clay Backing Tile (04240)**04240-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile (04240-0001)**

04240-0003 SF 4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	14.20	
04MOD-0042 For Smooth Face, One Side, Add	0.86	
04MOD-0043 For Smooth Face, Two Sides, Add	1.44	
04240-0004 SF 6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	15.42	
04MOD-0042 For Smooth Face, One Side, Add	0.96	
04MOD-0043 For Smooth Face, Two Sides, Add	1.60	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04240-0005 SF 8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	17.24	
04MOD-0042 For Smooth Face, One Side, Add	1.10	
04MOD-0043 For Smooth Face, Two Sides, Add	1.86	
04240-0006 SF 10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	23.44	
04MOD-0042 For Smooth Face, One Side, Add	1.69	
04MOD-0043 For Smooth Face, Two Sides, Add	2.91	
04240-0007 SF 12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	30.61	
04MOD-0042 For Smooth Face, One Side, Add	2.34	
04MOD-0043 For Smooth Face, Two Sides, Add	4.07	
04240-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile (04240-0001)		
04240-0009 SF 3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	11.94	
04MOD-0042 For Smooth Face, One Side, Add	0.70	
04MOD-0043 For Smooth Face, Two Sides, Add	1.16	
04240-0010 SF 4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	14.19	
04MOD-0042 For Smooth Face, One Side, Add	0.90	
04MOD-0043 For Smooth Face, Two Sides, Add	1.52	
04240-0011 SF 6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	14.58	
04MOD-0042 For Smooth Face, One Side, Add	0.91	
04MOD-0043 For Smooth Face, Two Sides, Add	1.54	
04240-0012 SF 8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	21.94	
04MOD-0042 For Smooth Face, One Side, Add	1.61	
04MOD-0043 For Smooth Face, Two Sides, Add	2.78	
04240-0013 SF 12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	29.72	
04MOD-0042 For Smooth Face, One Side, Add	2.32	
04MOD-0043 For Smooth Face, Two Sides, Add	4.04	
04251 Terra Cotta Veneer (04200)		
04251-0001 Coping (04251)		
Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04251-0002 CF Thick Terra Cotta Coping (Veneer)	100.33	25.88
04MOD-0044 For Smooth Tile Instead Of Scored, Add	7.85	
04MOD-0045 For Reinforcing With Steel Rods, Add	9.38	
04251-0003 Partition Or Back Up (Scored) (04251)		
04251-0004 Non-load Bearing, 12" x 12" (04251-0003)		
04251-0005 SF 3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	10.92	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.13	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.18	
04251-0006 SF 4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	11.68	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.18	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.24	
04251-0007 SF 6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	14.65	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.62	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.63	
04251-0008 SF 8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions	17.67	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	2.03	
04MOD-0045 For Reinforcing With Steel Rods, Add	2.01	
04251-0009 Load Bearing, 12" x 12" (04251-0003)		
04251-0010 In Walls (04251-0009)		
04251-0011 SF 4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	12.26	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.29	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.33	
04251-0012 SF 6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	15.96	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.85	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.83	
04251-0013 SF 8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	18.95	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	2.26	
04MOD-0045 For Reinforcing With Steel Rods, Add	2.21	
04251-0014 SF 10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	20.15	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	2.32	
04MOD-0045 For Reinforcing With Steel Rods, Add	2.29	
04251-0015 SF 12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	24.09	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	2.81	
04MOD-0045 For Reinforcing With Steel Rods, Add	2.76	
04251-0016 In Floors (04251-0009)		
04251-0017 SF 4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	10.56	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.29	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.24	
04251-0018 SF 6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	14.07	
04MOD-0044 For Smooth Tile Instead Of Scored, Add	1.85	
04MOD-0045 For Reinforcing With Steel Rods, Add	1.73	

04000	Masonry
04200	Unit Masonry
04251	Terra Cotta Veneer



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04251-0019	SF		8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	17.01	
	04MOD-0044		For Smooth Tile Instead Of Scored, Add	2.26	
	04MOD-0045		For Reinforcing With Steel Rods, Add	2.11	
04251-0020	SF		10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	17.97	
	04MOD-0044		For Smooth Tile Instead Of Scored, Add	2.32	
	04MOD-0045		For Reinforcing With Steel Rods, Add	2.19	
04251-0021	SF		12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	21.26	
	04MOD-0044		For Smooth Tile Instead Of Scored, Add	2.81	
	04MOD-0045		For Reinforcing With Steel Rods, Add	2.62	

04270 Glass Unit Masonry (04200)

Note: Includes 1/4" mortar joints, caulking and wall ties.

04270-0001 Glass Block Unit Masonry (04270)

04270-0002	SF		6" x 6" x 4" Thick Plain Glass Block	35.37	
	04MOD-0046		For Solar Reflective (Suntrol) Blocks, Add	5.16	
	04MOD-0047		For Essex (Horizontal Striated) Blocks, Add	2.95	
	04MOD-0048		For Sculptured Or Patterned Blocks, Add	5.16	
	04MOD-0049		For Colored Glass, Add	14.74	
	04MOD-0050		For Solid Glass, Add	22.85	
	04MOD-0051		For Thinline Block, Deduct	-3.69	
	04MOD-0063		For > 1000 To 5000 SF, Deduct	-2.79	
	04MOD-0064		For > 5000 SF, Deduct	-4.55	
04270-0003	SF		8" x 8" x 4" Thick Plain Glass Block	25.53	
	04MOD-0046		For Solar Reflective (Suntrol) Blocks, Add	3.63	
	04MOD-0047		For Essex (Horizontal Striated) Blocks, Add	2.07	
	04MOD-0048		For Sculptured Or Patterned Blocks, Add	3.63	
	04MOD-0049		For Colored Glass, Add	10.36	
	04MOD-0050		For Solid Glass, Add	16.06	
	04MOD-0051		For Thinline Block, Deduct	-2.59	
	04MOD-0063		For > 1000 To 5000 SF, Deduct	-2.03	
	04MOD-0064		For > 5000 SF, Deduct	-3.30	
04270-0004	SF		12" x 12" x 4" Thick Plain Glass Block	26.45	
	04MOD-0046		For Solar Reflective (Suntrol) Blocks, Add	4.38	
	04MOD-0047		For Essex (Horizontal Striated) Blocks, Add	2.50	
	04MOD-0048		For Sculptured Or Patterned Blocks, Add	4.38	
	04MOD-0049		For Colored Glass, Add	12.50	
	04MOD-0050		For Solid Glass, Add	19.38	
	04MOD-0051		For Thinline Block, Deduct	-3.13	
	04MOD-0063		For > 1000 To 5000 SF, Deduct	-2.01	
	04MOD-0064		For > 5000 SF, Deduct	-3.33	

04270-0005 Solid Glass Block, Vistabrick (04270)

04270-0006	SF		3" x 8" x 3" Glass Block, Vistabrick	74.99	
04270-0007	SF		8" x 8" x 3" Glass Block, Vistabrick	71.97	

04285 Sound Absorbing Masonry Unit (04200)

04285-0001 Acoustical Slotted Concrete Block, NRC (04285)

04285-0002	SF		4" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	13.21	
	04MOD-0052		For Special Color, Add	0.46	
	04MOD-0053		For Stacked Bond, Add	0.81	
04285-0003	SF		6" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	14.79	
	04MOD-0052		For Special Color, Add	0.54	
	04MOD-0053		For Stacked Bond, Add	0.88	
04285-0004	SF		8" Thick, .50 - .60 NRC, Slotted, Acoustical Concrete Block	17.01	
	04MOD-0052		For Special Color, Add	0.67	
	04MOD-0053		For Stacked Bond, Add	0.96	
04285-0005	SF		4" Thick, .65 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	17.87	
	04MOD-0052		For Special Color, Add	0.88	
	04MOD-0053		For Stacked Bond, Add	0.81	
04285-0006	SF		8" Thick, .50 - .60 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	17.89	
	04MOD-0052		For Special Color, Add	0.75	
	04MOD-0053		For Stacked Bond, Add	0.96	
04285-0007	SF		8" Thick, .60 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	19.07	
	04MOD-0052		For Special Color, Add	0.85	
	04MOD-0053		For Stacked Bond, Add	0.96	

04286 Sound Absorbing Structural Glazed Tile (04200)

04286-0001 6T Series Sound Absorbing Structural Glazed Tile (04286)

04286-0002	SF		4" Thick, 6T Sound Absorbing Structural Glazed Tile	31.90	
04286-0003	SF		6" Thick, 6T Sound Absorbing Structural Glazed Tile	34.85	
04286-0004	SF		8" Thick, 6T Sound Absorbing Structural Glazed Tile	40.56	

04286-0005 8T Series Sound Absorbing Structural Glazed Tile (04286)

04286-0006	SF		4" Thick, 8T Sound Absorbing Structural Glazed Tile	42.95	
04286-0007	SF		6" Thick, 8T Sound Absorbing Structural Glazed Tile	49.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04286-0008	SF	8" Thick, 8T Acoustical Glazed Tile		58.10
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04400 Stone (04000)

Note: Includes pointing and cleaning of new stone and mortar with muriatic acid and brush or wash. All stone prices include material and mortar.

04410 Rough Stone (04400)

04410-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone (04410)

04410-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone		4.81
04410-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone		4.81

04422 Marble (04400)

04422-0001 Marble (04422)

04422-0002 Marble Facing Panels (04422-0001)

Note: 3' x 1.5'

04422-0003	SF	3/4" Thick Marble Facing Panels		10.99
04422-0004	SF	7/8" Thick Marble Facing Panels		11.13
04422-0005	SF	1-1/2" Thick Marble Facing Panels		11.35
04422-0006	SF	2" Thick Marble Facing Panels		11.70
04422-0007	SF	2-1/4" Thick Marble Facing Panels		12.42
04422-0008	CF	Marble Face Panel		40.43

04422-0009 Marble Base (04422-0001)

Note: 1" thick.

04422-0010	LF	4" High Marble Base		44.42
04422-0011	LF	6" High Marble Base		48.39

04422-0012 Marble Columns (04422-0001)

04422-0013	CF	Plain Faced Solid Marble Columns		40.43
04422-0014	CF	Fluted, Carved Solid Marble Columns		40.43

04422-0015 Marble Flooring (04422-0001)

04422-0016	SF	3/8" Uniform Color Marble Flooring		10.17
04422-0017	SF	1/2" Uniform Color Marble Flooring		10.17
04422-0018	SF	1/2" Travertine Marble Flooring		11.62

04422-0019 Marble Items (04422-0001)

04422-0020	LF	12" Marble Stair Treads		15.89
04422-0021	LF	6" Wide Marble Stair Risers		12.74
04422-0022	LF	6" Wide x 2" Thick Marble Window Sills		9.51
04422-0023	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished		11.68
04422-0024	SF	7/8" Thick, Non Skid, Marble Patio Blocks		14.74

04423 Limestone (04400)

04423-0001 Smooth Limestone Panels (04423)

Note: Up to 12' x 5' panels.

04423-0002	SF	1-1/2" Thick Smooth Limestone Panels		22.06
04423-0003	SF	2" Thick Smooth Limestone Panels		23.13
04423-0004	SF	3" Thick Smooth Limestone Panels		24.18
04423-0005	SF	4" Thick Smooth Limestone Panels		26.60

04423-0006 Ashlar Veneer Limestone (04423)

04423-0007	SF	4" Ashlar Veneer Limestone, Random Sizes		15.89
04423-0008	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes		21.83

04MOD-0054 For High Lime Historic Mortar, Add 0.04

04423-0009 Limestone Coping (04423)

Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.

04423-0010	SF	2-1/2" Thick Limestone Coping		5.68
04423-0011	SF	3" Thick Limestone Coping		6.03
04423-0012	SF	3-1/2" Thick Limestone Coping		6.38
04423-0013	SF	4" Thick Limestone Coping		6.60
04423-0014	SF	5" Thick Limestone Coping		6.74
04423-0015	SF	6" Thick Limestone Coping		7.09
04423-0016	CF	> 6" Thick Limestone Coping		14.44

04000 Masonry**04400 Stone****04423 Limestone**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04423-0017		Limestone Stair Treads <small>(04423)</small>		
04423-0018	SF	2" Thick Limestone Treads	25.98	5.32
04423-0019	SF	2-1/2" Thick Limestone Treads	27.78	5.68
04423-0020	SF	3" Thick Limestone Treads	31.34	6.03
04423-0021	SF	3-1/2" Thick Limestone Treads	34.20	6.38
04423-0022	SF	4" Thick Limestone Treads	37.06	6.38
04423-0023	SF	5" Thick Limestone Treads	41.36	6.74
04423-0024	SF	6" Thick Limestone Tread, Smooth Finish	59.72	7.09
04423-0025		Limestone Items <small>(04423)</small>		
04423-0026	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	142.24	54.17
04424		Granite <small>(04400)</small>		
04424-0001		Polished Granite Veneer Facing Panels <small>(04424)</small>		
		Note: Excludes structural support steel.		
04424-0002	SF	7/8" Thick Black Polished Granite Veneer Facing Panels.....	67.73	22.20
04424-0003	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels.....	61.69	22.20
04424-0004		Granite Stair Treads <small>(04424)</small>		
04424-0005	SF	2" Thick Granite Stair Tread.....	39.60	5.32
04426		Slate <small>(04400)</small>		
04426-0001		Slate Panels Or Sills <small>(04426)</small>		
04426-0002	SF	1" Thick Slate Panels.....	44.49	22.20
04426-0003	SF	2" Thick Slate Panels.....	54.13	22.20
04426-0004		Slate Sills Or Stools <small>(04426)</small>		
04426-0005	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	20.65	9.57
04426-0006	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	26.78	9.57
04426-0007	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	25.91	9.57
04426-0008	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	39.07	9.57
04426-0009		Slate Stair Treads <small>(04426)</small>		
04426-0010	SF	2" Thick Slate Stair Tread	31.95	5.32
04428		Sandstone <small>(04400)</small>		
04428-0001		Sandstone Panels <small>(04428)</small>		
04428-0002	SF	2-1/2" Thick Sandstone Panels.....	50.44	23.13
04428-0003	SF	4" Thick Sandstone Panels.....	54.58	26.60
04428-0004	SF	Split Face Sandstone Panels, Random Sizes.....	48.71	26.60
04429		Stone Patching <small>(04400)</small>		
04429-0001		Clean And Patch Existing Stonework <small>(04429)</small>		
		Note: Excludes cutting, drilling or anchor bolts if required.		
04429-0002	SF	Clean And Patch Existing Stonework.....	3.07	
04429-0003		Removal Of Deteriorated Stone <small>(04429)</small>		
		Note: Includes cutting of stone for removal.		
04429-0004	SF	Removal Of Deteriorated Stone.....	5.78	
		Note: Does not include material for stone replacement		
04700		Simulated Masonry <small>(04000)</small>		
04720		Cast Stone <small>(04700)</small>		
04720-0001		Cast Stone Veneer <small>(04720)</small>		
04720-0002	SF	1" Thick Cast Stone Veneer.....	42.39	11.89
04900		Masonry Restoration And Cleaning <small>(04000)</small>		
		Note: For use on existing brick. Includes clean-up of debris and disposal of waste.		
04910		Unit Masonry Restoration <small>(04900)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0001 Cut And Repoint Masonry <small>(04910)</small>		
Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04910-0002 SF Cut And Repoint Brick, Hard In-Tact Mortar, Running Bond.....	9.01	
04MOD-0055 For Common Bond, Add	0.23	
04MOD-0056 For Flemish Bond, Add	0.82	
04MOD-0057 For English Bond, Add	1.34	
04MOD-0058 For Oversized Or Larger Than Standard, Deduct	-1.35	
04MOD-0059 For > 250 To 1000, Deduct	-0.29	
04MOD-0060 For > 1000, Deduct	-0.74	
04910-0003 SF Cut And Repoint Brick, Soft, Loose Or Crumbling Mortar, Running Bond	6.94	
04MOD-0055 For Common Bond, Add	0.16	
04MOD-0056 For Flemish Bond, Add	0.55	
04MOD-0057 For English Bond, Add	0.91	
04MOD-0058 For Oversized Or Larger Than Standard, Deduct	-1.04	
04MOD-0059 For > 250 To 1000, Deduct	-0.20	
04MOD-0060 For > 1000, Deduct	-0.55	
04910-0004 SF Cut And Repoint Block, Hard In-Tact Mortar, Running Bond.....	5.75	
04MOD-0055 For Common Bond, Add	0.12	
04MOD-0058 For Oversized Or Larger Than Standard, Deduct	-0.86	
04MOD-0059 For > 250 To 1000, Deduct	-0.15	
04MOD-0060 For > 1000, Deduct	-0.44	
04910-0005 SF Cut And Repoint Block, Soft, Loose Or Crumbling Mortar, Running Bond	4.51	
04MOD-0055 For Common Bond, Add	0.08	
04MOD-0058 For Oversized Or Larger Than Standard, Deduct	-0.68	
04MOD-0059 For > 250 To 1000, Deduct	-0.10	
04MOD-0060 For > 1000, Deduct	-0.33	
04910-0006 LF Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	2.02	
04910-0007 LF Cut And Repoint Stone Work.....	3.84	
04910-0008 Cut And Caulk Masonry <small>(04910)</small>		
Note: Remove existing mortar to 1/2" depth. Replace with caulk. Includes caulk, cutting, rinsing and cleaning joint.		
04910-0009 LF Cut And Caulk Masonry, Butyl Caulks	3.56	
04MOD-0061 For Vertical Expansion Joint Material, Add	0.17	
04MOD-0062 For 3/4" Deep Cut, Add	1.07	
04910-0010 LF Cut And Caulk Masonry, Polysulfide Or Acrylic Caulks	4.42	
04MOD-0061 For Vertical Expansion Joint Material, Add	0.17	
04MOD-0062 For 3/4" Deep Cut, Add	1.33	
04910-0011 LF Cut And Caulk Masonry, Silicone Caulks	5.26	
04MOD-0061 For Vertical Expansion Joint Material, Add	0.21	
04MOD-0062 For 3/4" Deep Cut, Add	1.58	
04910-0012 Repair Masonry <small>(04910)</small>		
Note: Includes mortar for repair.		
04910-0013 SF Grind Smooth Masonry Wall	2.55	
04910-0014 SF Repair Field Stone Walls, Including Remove Damaged Stones And Reset	26.84	
04910-0015 SF Patch And Repair Terra Cotta Walls Or Coping, Including Replacement Of Damaged Material	10.88	
04910-0016 SF Patch And Repair Terra Cotta Floors, Including Replacement Of Damaged Material	9.99	
04910-0017 CF Remove And Reset Coping, Including New Ties	29.75	
04MOD-0065 For Temporary Storage And Cleaning, Add	27.83	
04910-0018 LF Chip And Repair With Masonry Patch, Cracks Up To 1/4"	2.88	
04910-0019 SF Repair Molded Stone	2.51	
04910-0020 SF Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	4.86	
04910-0021 LF Epoxy Injection, Up To 1/4" Wide For Masonry	38.20	
04910-0022 LF Epoxy Injection, Over 1/4" Wide For Masonry	51.12	
04910-0023 LF Latex Injection, Up To 1/4" Wide For Masonry	30.50	
04910-0024 LF Latex Injection, Over 1/4" Wide For Masonry	40.48	
04910-0025 LF Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base).....	250.46	
04910-0026 LF Pressure Grout Block/Brick Master Builders RHEOCEN 900 (Portland Cement Base)	71.46	
04910-0027 Masonry Repair (Helifix®) <small>(04910)</small>		
04910-0028 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <small>(04910-0027)</small>		
Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.		
04910-0029 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <small>(04910-0028)</small>		
04910-0030 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	19.91	
04MOD-0066 For Up To 10, Add	6.23	
04MOD-0067 For >10 To 50, Add	3.12	
04910-0031 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	30.71	
04MOD-0066 For Up To 10, Add	6.23	
04MOD-0067 For >10 To 50, Add	3.12	
04910-0032 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	42.44	
04MOD-0066 For Up To 10, Add	6.23	
04MOD-0067 For >10 To 50, Add	3.12	

04000 Masonry**04900 Masonry Restoration And Cleaning****04910 Unit Masonry Restoration**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0033		316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04910-0028)		
04910-0034	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	22.25	
		04MOD-0066 For Up To 10, Add	6.23	
		04MOD-0067 For >10 To 50, Add	3.12	
04910-0035	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	34.87	
		04MOD-0066 For Up To 10, Add	6.23	
		04MOD-0067 For >10 To 50, Add	3.12	
04910-0036	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	48.68	
		04MOD-0066 For Up To 10, Add	6.23	
		04MOD-0067 For >10 To 50, Add	3.12	
04910-0037		Ties For Stitching Masonry Cracks (Helifix® Helibar) (04910-0027)		
		Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.		
04910-0038		304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04910-0037)		
04910-0039	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	47.17	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0040	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	53.30	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0041	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	195.70	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0042	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	47.17	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0043	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	53.30	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0044	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	60.29	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0045	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	73.41	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0046	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	195.70	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0047		316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04910-0037)		
04910-0048	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	50.51	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0049	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	57.76	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0050	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	223.54	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0051	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	50.51	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0052	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	57.76	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0053	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	65.85	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0054	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	81.21	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0055	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	223.54	
		04MOD-0066 For Up To 10, Add	24.92	
		04MOD-0067 For >10 To 50, Add	12.46	
04910-0056		Mechanical Repair Anchors (Helifix® TorkFix) (04910-0027)		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04910-0057		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04910-0056)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0058	EA	4-1/2" Length, Brick To Brick/Concrete Block/CMU, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	9.62	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0059	EA	5-1/2" Length, Brick To Brick/Concrete Block/CMU, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.72	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0060	EA	6-1/2" Length, Brick To Brick/Concrete Block/CMU, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.82	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0061	EA	7-1/2" Length, Brick To Brick/Concrete Block/CMU, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.92	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0062	EA	8-1/2" Length, Brick To Brick/Concrete Block/CMU, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.02	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0063	EA	9-1/2" Length, Brick To Brick/Concrete Block/CMU, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.12	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0064	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	9.62	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0065	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.72	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0066	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.82	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0067	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.92	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0068	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.02	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0069	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.22	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0070	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	9.62	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0071	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.82	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0072	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.47	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0073		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) <small>(04910-0056)</small>		
04910-0074	EA	4-1/2" Length, Brick To Brick/Concrete Block/CMU, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	9.62	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0075	EA	5-1/2" Length, Brick To Brick/Concrete Block/CMU, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.72	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0076	EA	6-1/2" Length, Brick To Brick/Concrete Block/CMU, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.82	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0077	EA	7-1/2" Length, Brick To Brick/Concrete Block/CMU, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.92	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0078	EA	8-1/2" Length, Brick To Brick/Concrete Block/CMU, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.02	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
04910-0079	EA	9-1/2" Length, Brick To Brick/Concrete Block/CMU, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.12	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	

04000 Masonry**04900 Masonry Restoration And Cleaning****04910 Unit Masonry Restoration**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0080	EA		4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	9.62	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0081	EA		5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.72	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0082	EA		6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.82	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0083	EA		7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.92	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0084	EA		8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.02	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0085	EA		10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.22	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0086	EA		4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	9.62	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0087	EA		6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	11.82	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0088	EA		8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.47	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
04910-0089			Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04910-0027)		
			Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to CMU, brick or solid concrete. Includes drilling and patching surface.		
04910-0090			304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04910-0089)		
04910-0091	EA		8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.03	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0092	EA		8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.43	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0093	EA		8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.50	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0094	EA		8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.67	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0095	EA		8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.96	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0096	EA		8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.20	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0097	EA		8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.32	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0098	EA		8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.47	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0099	EA		8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.18	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0100	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.28	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0101	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.12	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0102	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.84	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0103	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.45	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0104	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.61	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0105	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.53	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0106	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.08	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0107	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.17	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0108	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.59	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0109	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.98	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0110	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.32	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0111	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.54	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0112	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.69	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0113	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.95	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0114	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.06	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0115	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.55	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0116	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.26	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	

04000	Masonry
04900	Masonry Restoration And Cleaning
04910	Unit Masonry Restoration



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0117	EA		10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.86	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0118	EA		10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.61	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0119	EA		10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.65	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0120	EA		10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.92	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0121	EA		10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.44	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0122	EA		8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.09	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0123	EA		8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.35	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0124	EA		8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.51	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0125	EA		8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.63	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0126	EA		8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.98	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0127	EA		8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.54	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0128	EA		8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.75	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0129	EA		8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.31	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0130	EA		10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	8.75	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0131	EA		10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.23	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0132	EA		10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.57	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0133	EA		10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.79	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0134	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.95	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0135	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.31	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0136	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	3.82	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
	04MOD-0066	For Up To 10, Add	1.87	
	04MOD-0067	For >10 To 50, Add	0.94	
04910-0137		316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) <small>(04910-0069)</small>		
04910-0138	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	7.66	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0139	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.15	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0140	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.25	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0141	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.45	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0142	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.81	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0143	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.11	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0144	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.26	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0145	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.46	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0146	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.19	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0147	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.32	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0148	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.38	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0149	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.27	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	
04910-0150	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.04	
	04MOD-0066	For Up To 10, Add	3.74	
	04MOD-0067	For >10 To 50, Add	1.87	
	04MOD-0068	For Metal Stud Clip, Add	2.20	

04000	Masonry
04900	Masonry Restoration And Cleaning
04910	Unit Masonry Restoration



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0151	EA		8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.73	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0152	EA		8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.92	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0153	EA		8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.11	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0154	EA		10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.91	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0155	EA		10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.40	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0156	EA		10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.88	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0157	EA		10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.31	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0158	EA		10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.59	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0159	EA		10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.77	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0160	EA		10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.09	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0161	EA		10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.22	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0162	EA		10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.81	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0163	EA		10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.61	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0164	EA		10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.34	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0165	EA		10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.28	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0166	EA		10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.34	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0167	EA		10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.76	
			04MOD-0066 For Up To 10, Add	3.74	
			04MOD-0067 For >10 To 50, Add	1.87	
			04MOD-0068 For Metal Stud Clip, Add	2.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0168	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	25.16	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0169	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.09	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0170	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.37	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0171	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.57	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0172	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.72	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0173	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.16	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0174	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.86	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0175	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.09	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0176	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.78	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0177	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.80	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0178	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.41	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0179	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.84	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0180	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.11	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0181	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.30	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0182	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.75	
		04MOD-0066 For Up To 10, Add	3.74	
		04MOD-0067 For >10 To 50, Add	1.87	
		04MOD-0068 For Metal Stud Clip, Add	2.20	
04910-0183	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.31	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		04MOD-0066 For Up To 10, Add	1.87	
		04MOD-0067 For >10 To 50, Add	0.94	
04910-0184		Concrete Patching Pins (Helifix® PatchPin) (04910-0027) Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04910-0185		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04910-0184)		

04000 Masonry**04900 Masonry Restoration And Cleaning****04910 Unit Masonry Restoration**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04910-0186 EA 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	5.50	
04MOD-0066 For Up To 10, Add	3.74	
04MOD-0067 For >10 To 50, Add	1.87	
04910-0187 EA 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	5.55	
04MOD-0066 For Up To 10, Add	3.74	
04MOD-0067 For >10 To 50, Add	1.87	
04910-0188 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04910-0184)		
04910-0189 EA 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	5.84	
04MOD-0066 For Up To 10, Add	3.74	
04MOD-0067 For >10 To 50, Add	1.87	
04910-0190 EA 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	5.92	
04MOD-0066 For Up To 10, Add	3.74	
04MOD-0067 For >10 To 50, Add	1.87	
04910-0191 Movement Joint Ties (Helifix® Movement Joint Tie) (04910-0027)		
Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04910-0192 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04910-0191)		
04910-0193 EA 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie).....	34.91	
04MOD-0066 For Up To 10, Add	24.92	
04MOD-0067 For >10 To 50, Add	12.46	
04910-0194 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04910-0191)		
04910-0195 EA 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie).....	36.45	
04MOD-0066 For Up To 10, Add	24.92	
04MOD-0067 For >10 To 50, Add	12.46	
04930 Unit Masonry Cleaning (04900)		
04930-0001 Cleaning And Repointing Masonry (04930)		
Note: Includes mortar for pointing. Excludes removing mortar. See CSI section 04910-0000 for removing mortar and repointing.		
04930-0002 SF Clean And Repoint Brick Masonry	1.50	
04930-0003 SF Clean And Repoint Block Masonry	0.99	
04930-0004 SF Clean And Repoint Limestone On Historic Buildings	1.64	
04930-0005 SF Clean And Repoint Marble, Tile, Stone Or Granite	1.43	
04930-0006 SF Clean And Repoint Brick On Historic Buildings.....	1.95	
04930-0007 Chimney Cleaning (04930)		
04930-0008 LF Up To 2 SF Cross Section Chimney Cleaning.....	5.15	
04930-0009 LF > 2 To 4 SF Cross Section Chimney Cleaning.....	10.29	
04930-0010 LF > 4 SF Cross Section Chimney Cleaning.....	15.44	

END OF SECTION 04



	Masonry 04000	04
	Masonry Restoration And Cleaning 04900	
	Unit Masonry Cleaning 04930	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04

04000 Masonry

04900 Masonry Restoration And Cleaning

04930 Unit Masonry Cleaning



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05000 Metals

05100 Structural Metal Framing (05000)

05120 Structural Steel (05100)

Note: Prices are based on ASTM A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all field connecting bolts, field connecting welds, and crane for erection. See CSI section 05120-0066 for field fabrication of additional structural metal connections.

05120-0001	Rolled Steel Members <small>(05120)</small>		
05120-0002	Beams, Girders And Columns <small>(05120-0001)</small>		
	Note: For one and two story I beams and W shapes.		
05120-0003	TON 0-30 LB/LF Beams, Girders And Columns For 1 And 2 Story.....	5,720.47	905.45
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	307.78	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,077.24	
05120-0004	TON 30-65 LB/LF Beams, Girders And Columns For 1 And 2 Story.....	3,781.89	585.31
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	252.60	
	05MOD-0002 For Hot Dip Galvanizing, Add	884.10	
05120-0005	Shapes <small>(05120-0001)</small>		
05120-0006	Rolled C, MC Steel Channels <small>(05120-0005)</small>		
05120-0007	TON 0-10 LB/LF Rolled C, MC Steel Channels	9,331.72	2,304.90
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	437.77	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,532.20	
05120-0008	TON 10-20 LB/LF Rolled C, MC Steel Channels.....	7,114.71	1,756.12
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	419.32	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,467.63	
05120-0009	Double L Shape Steel Angles <small>(05120-0005)</small>		
05120-0010	TON 0-20 LB/LF Double L Shape Steel Angles	7,684.18	1,335.52
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	427.71	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,496.98	
05120-0011	Combination Section Shapes <small>(05120-0001)</small>		
05120-0012	Combination Section, W Shapes And Angles <small>(05120-0011)</small>		
05120-0013	TON 0-30 LB/LF Combination Section - W Shapes And Angles.....	6,580.07	987.81
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	376.55	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,317.93	
05120-0014	TON 30-65 LB/LF Combination Section - W Shapes And Angles.....	4,503.12	585.31
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	310.30	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,086.04	
05120-0015	TON 100-300 LB/LF Combination Section - W Shapes And Angles.....	2,765.86	175.26
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	206.31	
	05MOD-0002 For Hot Dip Galvanizing, Add	722.07	
05120-0016	Combination Section, Channels And Angles <small>(05120-0011)</small>		
05120-0017	TON 0-30 LB/LF Combination Section - Channels And Angles	6,905.05	987.81
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	402.55	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,408.92	
05120-0018	Standard Weight Pipe <small>(05120-0001)</small>		
05120-0019	TON 1/2" To 5" Diameter Standard Weight Pipe	3,832.67	526.83
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	261.66	
	05MOD-0002 For Hot Dip Galvanizing, Add	915.80	
05120-0020	TON 6" To 12" Diameter Standard Weight Pipe.....	4,119.91	658.54
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	273.40	
	05MOD-0002 For Hot Dip Galvanizing, Add	956.89	
05120-0021	Steel Shapes <small>(05120)</small>		
05120-0022	Steel Rods <small>(05120-0021)</small>		
05120-0023	TON 1/2" To 5" Diameter Extra Strong Steel, Solid.....	4,087.12	411.63
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	291.85	
	05MOD-0002 For Hot Dip Galvanizing, Add	1,021.47	
05120-0024	Column Base Plates <small>(05120-0021)</small>		
05120-0025	LB Column Base Plates, Up To 150# / Each, A36 Miscellaneous Steel Items.....	2.15	0.55
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	0.13	
	05MOD-0002 For Hot Dip Galvanizing, Add	0.44	

05000 Metals**05100 Structural Metal Framing****05120 Structural Steel**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05120-0026		Double Extra Strong Pipes (05120-0021)		
05120-0027	TON	2" To 5" Diameter Double Extra Strong Pipe	4,975.04	752.58
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	333.78	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,168.23	
05120-0028	TON	6" To 8" Diameter Double Extra Strong Pipe	4,394.86	405.22
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	317.01	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,109.53	
05120-0029		Structural Pipes (05120-0021)		
05120-0030	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	3,470.24	347.71
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	234.82	
	05MOD-0002	For Hot Dip Galvanizing, Add	821.87	
05120-0031	TON	6" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	3,819.94	401.00
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	234.82	
	05MOD-0002	For Hot Dip Galvanizing, Add	821.87	
05120-0032		Structural Tubes (05120-0021)		
05120-0033	TON	4" To 6" Structural Tube, Light Square Sections A36 Miscellaneous Steel Items	3,067.36	356.14
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	202.59	
	05MOD-0002	For Hot Dip Galvanizing, Add	709.06	
05120-0034	TON	4" To 6" Structural Tube, Heavy Square Sections A36 Miscellaneous Steel Items	3,337.92	583.91
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	196.26	
	05MOD-0002	For Hot Dip Galvanizing, Add	686.90	
05120-0035	TON	<= 6" Wide Structural Tube, Light Rectangular Sections A36 Miscellaneous Steel Items	3,067.36	356.14
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	202.59	
	05MOD-0002	For Hot Dip Galvanizing, Add	709.06	
05120-0036	TON	<= 6" Wide Structural Tube, Heavy Rectangular Sections A36 Miscellaneous Steel Items	3,337.92	583.91
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	196.26	
	05MOD-0002	For Hot Dip Galvanizing, Add	686.90	
05120-0037	TON	> 6" Wide Structural Tube, Light Rectangular Sections A36 Miscellaneous Steel Items	2,895.57	294.76
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	196.26	
	05MOD-0002	For Hot Dip Galvanizing, Add	686.90	
05120-0038	TON	> 6" Wide Structural Tube, Heavy Rectangular Sections A36 Miscellaneous Steel Items	3,463.34	473.54
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	220.19	
	05MOD-0002	For Hot Dip Galvanizing, Add	770.66	
05120-0039		Structural Tubing (05120-0021)		
05120-0040		Rectangle Structural Tubing (05120-0039)		
05120-0041	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	5,616.16	351.23
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	419.32	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,467.63	
05120-0042	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	5,673.79	405.22
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	419.32	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,467.63	
05120-0043	TON	5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	4,976.00	439.03
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	360.62	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,262.16	
05120-0044	TON	6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	4,755.17	526.83
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	335.46	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,174.10	
05120-0045		Square Structural Tubing (05120-0039)		
05120-0046	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	5,592.75	329.27
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	419.32	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,467.63	
05120-0047	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	5,616.16	351.23
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	419.32	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,467.63	
05120-0048	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	5,080.83	439.03
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	369.00	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,291.51	
05120-0049	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	5,069.67	526.83
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	360.62	
	05MOD-0002	For Hot Dip Galvanizing, Add	1,262.16	
05120-0050	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	4,140.88	658.54
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	275.08	
	05MOD-0002	For Hot Dip Galvanizing, Add	962.76	
05120-0051	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	4,241.23	752.58
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	275.08	
	05MOD-0002	For Hot Dip Galvanizing, Add	962.76	
05120-0052	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	4,562.35	1,053.67
	05MOD-0001	For ASTM A242 Type 2 High Strength Steel, Add	275.08	
	05MOD-0002	For Hot Dip Galvanizing, Add	962.76	
05120-0053		Structural Shapes (05120-0021)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05120-0054	TON Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts. (Up To 20 LB/LF).....	6,670.03	1,980.38
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	282.13	
	05MOD-0002 For Hot Dip Galvanizing, Add	987.44	
	05MOD-0003 For > 20 To 50 LB/LF, Deduct	-824.18	
	05MOD-0004 For > 50 To 75 LB/LF, Deduct	-1,314.85	
	05MOD-0005 For > 75 To 100 LB/LF, Deduct	-1,805.53	
05120-0055	TON Structural Shapes, Steel Plate A36 Structural Steel	4,408.03	792.15
	Note: Up to 21.5 LB per SF		
	05MOD-0001 For ASTM A242 Type 2 High Strength Steel, Add	268.37	
	05MOD-0002 For Hot Dip Galvanizing, Add	939.30	
	05MOD-0006 For > 21.5 To 50 LB/LF, Deduct	-493.47	
05120-0056	LB Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	2.53	0.18
05120-0057	LB Structural Shapes, Galvanized Pipe Supports	3.06	0.18
05120-0058	Built-Up Trusses (05120-0021)		
05120-0059	TON 0-50 LF Span Average Weight 100 LB/LF Trusses, Built-up	4,547.57	263.42
05120-0060	TON 50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	4,464.63	146.28
05120-0061	TON 100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	3,961.36	77.44
05120-0062	TON >200 LF Span Average Weight 180 LB/LF Trusses, Built-up	3,851.94	73.23
05120-0063	Accessories For Steel (05120)		
05120-0064	Field Painting For Touch-Up Of Shop Prime Coat (05120-0063)		
05120-0065	SF Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....	0.69	
05120-0066	Connection And Stiffener Plates (05120-0063)		
	Note: For field fabrication of additional structural metal connections.		
05120-0067	TON 1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....	9,684.52	
05120-0068	TON 3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....	8,262.79	
05120-0069	TON 1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....	6,389.79	
05120-0070	TON 5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....	6,389.79	
05120-0071	TON 3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....	6,389.79	
05120-0072	TON 1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....	6,389.79	
05120-0073	TON 9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....	6,389.79	
05120-0074	TON 5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....	6,389.79	
05120-0075	TON 3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....	5,990.43	
05120-0076	TON 7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....	5,990.43	
05120-0077	TON 1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....	5,990.43	
05120-0078	Spot Welding (05120-0063)		
05120-0079	EA Up To 15 Spot Weldings, Welds Up To 1" Length Each.....	8.82	
	05MOD-0007 For Aluminum Welding, Add	1.34	
	05MOD-0008 For Stainless Steel Welding, Add	2.23	
05120-0080	EA > 15 Spot Weldings, Welds Up To 1" Length Each.....	7.11	
	05MOD-0007 For Aluminum Welding, Add	1.23	
	05MOD-0008 For Stainless Steel Welding, Add	1.99	
05120-0081	Field Welding (Seam And Stitch Welding) (05120-0063)		
05120-0082	Fillet Welds, Vertical Position, Welded Up, For Existing Steel (05120-0081)		
	Note: Includes tack welds for proper alignment until the final welds are made.		
05120-0083	LF 3/16" Vertical Fillet Welds, Welded Up	9.23	
	05MOD-0007 For Aluminum Welding, Add	1.53	
	05MOD-0008 For Stainless Steel Welding, Add	2.49	
	05MOD-0009 For Up To 25, Add	3.17	
	05MOD-0010 For < 25 To 50, Add	2.26	
05120-0084	LF 1/4" Vertical Fillet Welds, Welded Up	13.84	
	05MOD-0007 For Aluminum Welding, Add	2.29	
	05MOD-0008 For Stainless Steel Welding, Add	3.73	
	05MOD-0009 For Up To 25, Add	4.75	
	05MOD-0010 For < 25 To 50, Add	3.39	
05120-0085	LF 5/16" Vertical Fillet Welds, Welded Up	18.44	
	05MOD-0007 For Aluminum Welding, Add	3.06	
	05MOD-0008 For Stainless Steel Welding, Add	4.98	
	05MOD-0009 For Up To 25, Add	6.33	
	05MOD-0010 For < 25 To 50, Add	4.51	
05120-0086	LF 3/8" Vertical Fillet Welds, Welded Up	23.06	
	05MOD-0007 For Aluminum Welding, Add	3.82	
	05MOD-0008 For Stainless Steel Welding, Add	6.22	
	05MOD-0009 For Up To 25, Add	7.92	
	05MOD-0010 For < 25 To 50, Add	5.65	
05120-0087	LF 7/16" Vertical Fillet Welds, Welded Up	27.44	
	05MOD-0007 For Aluminum Welding, Add	4.40	
	05MOD-0008 For Stainless Steel Welding, Add	7.22	
	05MOD-0009 For Up To 25, Add	9.48	
	05MOD-0010 For < 25 To 50, Add	6.76	

05000 Metals**05100 Structural Metal Framing****05120 Structural Steel**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05120-0088	LF	1/2"	Vertical Fillet Welds, Welded Up.....	31.94	
	05MOD-0007		For Aluminum Welding, Add	5.30	
	05MOD-0008		For Stainless Steel Welding, Add	8.62	
	05MOD-0009		For Up To 25, Add	10.97	
	05MOD-0010		For < 25 To 50, Add	7.82	
05120-0089	LF	9/16"	Vertical Fillet Welds, Welded Up.....	37.50	
	05MOD-0007		For Aluminum Welding, Add	6.08	
	05MOD-0008		For Stainless Steel Welding, Add	9.94	
	05MOD-0009		For Up To 25, Add	12.94	
	05MOD-0010		For < 25 To 50, Add	9.23	
05120-0090	LF	5/8"	Vertical Fillet Welds, Welded Up.....	41.32	
	05MOD-0007		For Aluminum Welding, Add	6.73	
	05MOD-0008		For Stainless Steel Welding, Add	11.00	
	05MOD-0009		For Up To 25, Add	14.24	
	05MOD-0010		For < 25 To 50, Add	10.15	
05120-0091	LF	3/4"	Vertical Fillet Welds, Welded Up.....	56.77	
	05MOD-0007		For Aluminum Welding, Add	9.43	
	05MOD-0008		For Stainless Steel Welding, Add	15.34	
	05MOD-0009		For Up To 25, Add	19.49	
	05MOD-0010		For < 25 To 50, Add	13.89	
05120-0092			Fillet Welds, Horizontal Or Flat, For Existing Steel <small>(05120-0081)</small>		
			Note: Includes tack welds for proper alignment until the final welds are made.		
05120-0093	LF	1/8"	Horizontal Fillet Welds, Welded Up.....	5.25	
	05MOD-0007		For Aluminum Welding, Add	0.90	
	05MOD-0008		For Stainless Steel Welding, Add	1.46	
	05MOD-0009		For Up To 25, Add	1.79	
	05MOD-0010		For < 25 To 50, Add	1.27	
05120-0094	LF	3/16"	Horizontal Fillet Welds, Welded Up.....	6.98	
	05MOD-0007		For Aluminum Welding, Add	1.20	
	05MOD-0008		For Stainless Steel Welding, Add	1.93	
	05MOD-0009		For Up To 25, Add	2.38	
	05MOD-0010		For < 25 To 50, Add	1.70	
05120-0095	LF	1/4"	Horizontal Fillet Welds, Welded Up.....	10.49	
	05MOD-0007		For Aluminum Welding, Add	1.80	
	05MOD-0008		For Stainless Steel Welding, Add	2.91	
	05MOD-0009		For Up To 25, Add	3.58	
	05MOD-0010		For < 25 To 50, Add	2.55	
05120-0096	LF	5/16"	Horizontal Fillet Welds, Welded Up.....	13.99	
	05MOD-0007		For Aluminum Welding, Add	2.40	
	05MOD-0008		For Stainless Steel Welding, Add	3.88	
	05MOD-0009		For Up To 25, Add	4.77	
	05MOD-0010		For < 25 To 50, Add	3.40	
05120-0097	LF	3/8"	Horizontal Fillet Welds, Welded Up.....	17.48	
	05MOD-0007		For Aluminum Welding, Add	3.00	
	05MOD-0008		For Stainless Steel Welding, Add	4.84	
	05MOD-0009		For Up To 25, Add	5.96	
	05MOD-0010		For < 25 To 50, Add	4.24	
05120-0098	LF	7/16"	Horizontal Fillet Welds, Welded Up.....	20.21	
	05MOD-0007		For Aluminum Welding, Add	3.33	
	05MOD-0008		For Stainless Steel Welding, Add	5.43	
	05MOD-0009		For Up To 25, Add	6.95	
	05MOD-0010		For < 25 To 50, Add	4.95	
05120-0099	LF	1/2"	Horizontal Fillet Welds, Welded Up.....	24.66	
	05MOD-0007		For Aluminum Welding, Add	4.23	
	05MOD-0008		For Stainless Steel Welding, Add	6.83	
	05MOD-0009		For Up To 25, Add	8.41	
	05MOD-0010		For < 25 To 50, Add	5.99	
05120-0100	LF	9/16"	Horizontal Fillet Welds, Welded Up.....	27.76	
	05MOD-0007		For Aluminum Welding, Add	4.64	
	05MOD-0008		For Stainless Steel Welding, Add	7.54	
	05MOD-0009		For Up To 25, Add	9.52	
	05MOD-0010		For < 25 To 50, Add	6.78	
05120-0101	LF	5/8"	Horizontal Fillet Welds, Welded Up.....	33.33	
	05MOD-0007		For Aluminum Welding, Add	5.62	
	05MOD-0008		For Stainless Steel Welding, Add	9.11	
	05MOD-0009		For Up To 25, Add	11.41	
	05MOD-0010		For < 25 To 50, Add	8.12	
05120-0102	LF	3/4"	Horizontal Fillet Welds, Welded Up.....	42.03	
	05MOD-0007		For Aluminum Welding, Add	7.26	
	05MOD-0008		For Stainless Steel Welding, Add	11.71	
	05MOD-0009		For Up To 25, Add	14.31	
	05MOD-0010		For < 25 To 50, Add	10.19	
05120-0103	LF	7/8"	Horizontal Fillet Welds, Welded Up.....	63.60	
	05MOD-0007		For Aluminum Welding, Add	10.49	
	05MOD-0008		For Stainless Steel Welding, Add	17.09	
	05MOD-0009		For Up To 25, Add	21.86	
	05MOD-0010		For < 25 To 50, Add	15.58	
05120-0104	LF	1"	Horizontal Fillet Welds, Welded Up.....	83.86	
	05MOD-0007		For Aluminum Welding, Add	14.37	
	05MOD-0008		For Stainless Steel Welding, Add	23.21	
	05MOD-0009		For Up To 25, Add	28.60	
	05MOD-0010		For < 25 To 50, Add	20.37	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05120-0105	Welded Shear Connector (05120-0063)		
05120-0106	3/4" Diameter Welded Shear Connector (05120-0105)		
05120-0107	EA 3-3/16" Long Welded Shear Connector, 3/4" Diameter	2.95	
05120-0108	EA 3-3/8" Long Welded Shear Connector, 3/4" Diameter	2.95	
05120-0109	EA 3-7/8" Long Welded Shear Connector, 3/4" Diameter	2.97	
05120-0110	EA 4-3/16" Long Welded Shear Connector, 3/4" Diameter	3.01	
05120-0111	EA 4-7/8" Long Welded Shear Connector, 3/4" Diameter	3.05	
05120-0112	EA 5-3/16" Long Welded Shear Connector, 3/4" Diameter	3.13	
05120-0113	EA 5-3/8" Long Welded Shear Connector, 3/4" Diameter	3.13	
05120-0114	EA 6-3/16" Long Welded Shear Connector, 3/4" Diameter	5.14	
05120-0115	EA 7-3/16" Long Welded Shear Connector, 3/4" Diameter	5.26	
05120-0116	7/8" Diameter Welded Shear Connector (05120-0105)		
05120-0117	EA 3-11/16" Long Welded Shear Connector, 7/8" Diameter	3.17	
05120-0118	EA 4-3/16" Long Welded Shear Connector, 7/8" Diameter	3.23	
05120-0119	EA 5-3/16" Long Welded Shear Connector, 7/8" Diameter	3.39	
05120-0120	EA 6-3/16" Long Welded Shear Connector, 7/8" Diameter	5.44	
05120-0121	EA 7-3/16" Long Welded Shear Connector, 7/8" Diameter	5.54	
05120-0122	EA 8-3/16" Long Welded Shear Connector, 7/8" Diameter	5.64	
05120-0123	Cold Galvanizing (05120-0063)		
05120-0124	SF Cold Galvanizing, Brush	0.65	
05120-0125	Metal Grinding (05120-0063)		
	Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05120-0126	SI Metal Grinding Up To 1/32" Thickness To Be Removed.....	0.64	
	Note: Includes rust or scale removal on metal and smoothing surface after torch cutting.		
05120-0127	Stainless Steel Tube (05120)		
05120-0128	LF 1" x 1" Stainless Steel Tube.....	21.65	
05120-0129	LF 1-1/2" x 1-1/2" Stainless Steel Tube	28.08	
05120-0130	LF 2" x 2" Stainless Steel Tube.....	37.23	
05140	Structural Aluminum (05100)		
05140-0001	Rolled Or Plate Shapes (05140)		
	Note: 1" Through 10" Member		
05140-0002	LB Structural Aluminum, 0-2000# / Order 1"-10" Rolled / Plate Structural Members	7.27	3.77
05140-0003	LB Structural Aluminum, 2000-9999# / Order 1"-10" Rolled / Plate Structural Members	7.02	2.55
05140-0004	Aluminum Extrusions (05140)		
05140-0005	LB Aluminum Extrusions, Stock Shapes 1"-10" Rolled / Plate Structural Members	6.54	2.55
05140-0006	LB Aluminum Extrusions, Custom Shapes 1"-10" Rolled / Plate Structural Members.....	6.77	2.55
05140-0007	Aluminum Tubing (05140)		
05140-0008	LB Aluminum Extrusions, Tubular Shapes 1"-10" Rolled / Plate Structural Members.....	7.69	2.70
05140-0009	LF 1" x 1" Aluminum Tubing, 1/8" Wall Thickness	9.93	4.36
05140-0010	LF 1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	11.21	4.75
05140-0011	LF 1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	13.01	5.55
05140-0012	LF 2" x 2" Aluminum Tubing, 1/8" Wall Thickness	14.44	5.94
05140-0013	LF 4" x 4" Aluminum Tubing, 1/4" Wall Thickness	26.86	7.52
05140-0014	LF 2" x 5" Aluminum Tubing, 1/4" Wall Thickness	22.87	6.74
05150	Wire Rope (05100)		
05150-0001	Wire Rope And Accessories (05150)		
	Note: IWRC = Independent Wire Rope Center; IPS = Improved Plow Steel; XIP = Extra Improved Plow Steel		
05150-0002	6x7 Class Bright, IPS, Fiber Core (05150-0001)		
05150-0003	LF 1/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.28	0.06
	05MOD-0011 For 7x7 Strand Core, Add	0.01	
	05MOD-0012 For < 100, Add	0.08	
	05MOD-0013 For > 500 To 1000, Deduct	-0.01	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.02	
	05MOD-0015 For > 2000, Deduct	-0.03	
05150-0004	LF 3/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core	0.33	0.06
	05MOD-0011 For 7x7 Strand Core, Add	0.01	
	05MOD-0012 For < 100, Add	0.09	
	05MOD-0013 For > 500 To 1000, Deduct	-0.02	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.02	
	05MOD-0015 For > 2000, Deduct	-0.03	

05000 Metals**05100 Structural Metal Framing****05150 Wire Rope**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05150-0005	LF	1/8"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.42	0.07
	05MOD-0011		For 7x7 Strand Core, Add	0.01	
	05MOD-0012		For < 100, Add	0.12	
	05MOD-0013		For > 500 To 1000, Deduct	-0.02	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.03	
	05MOD-0015		For > 2000, Deduct	-0.04	
05150-0006	LF	5/32"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.46	0.08
	05MOD-0011		For 7x7 Strand Core, Add	0.01	
	05MOD-0012		For < 100, Add	0.13	
	05MOD-0013		For > 500 To 1000, Deduct	-0.02	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.03	
	05MOD-0015		For > 2000, Deduct	-0.05	
05150-0007	LF	3/16"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.66	0.08
	05MOD-0011		For 7x7 Strand Core, Add	0.02	
	05MOD-0012		For < 100, Add	0.19	
	05MOD-0013		For > 500 To 1000, Deduct	-0.03	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.05	
	05MOD-0015		For > 2000, Deduct	-0.07	
05150-0008	LF	1/4"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.87	0.08
	05MOD-0011		For 7x7 Strand Core, Add	0.03	
	05MOD-0012		For < 100, Add	0.26	
	05MOD-0013		For > 500 To 1000, Deduct	-0.04	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.07	
	05MOD-0015		For > 2000, Deduct	-0.09	
05150-0009	LF	5/16"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.08	0.08
	05MOD-0011		For 7x7 Strand Core, Add	0.04	
	05MOD-0012		For < 100, Add	0.33	
	05MOD-0013		For > 500 To 1000, Deduct	-0.05	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.08	
	05MOD-0015		For > 2000, Deduct	-0.11	
05150-0010	LF	3/8"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.38	0.08
	05MOD-0011		For 7x7 Strand Core, Add	0.05	
	05MOD-0012		For < 100, Add	0.42	
	05MOD-0013		For > 500 To 1000, Deduct	-0.07	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.10	
	05MOD-0015		For > 2000, Deduct	-0.14	
05150-0011	LF	7/16"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.71	0.16
	05MOD-0011		For 7x7 Strand Core, Add	0.06	
	05MOD-0012		For < 100, Add	0.51	
	05MOD-0013		For > 500 To 1000, Deduct	-0.09	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.13	
	05MOD-0015		For > 2000, Deduct	-0.17	
05150-0012	LF	1/2"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.01	0.16
	05MOD-0011		For 7x7 Strand Core, Add	0.07	
	05MOD-0012		For < 100, Add	0.59	
	05MOD-0013		For > 500 To 1000, Deduct	-0.10	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.15	
	05MOD-0015		For > 2000, Deduct	-0.20	
05150-0013	LF	9/16"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.45	0.24
	05MOD-0011		For 7x7 Strand Core, Add	0.08	
	05MOD-0012		For < 100, Add	0.70	
	05MOD-0013		For > 500 To 1000, Deduct	-0.12	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.18	
	05MOD-0015		For > 2000, Deduct	-0.25	
05150-0014	LF	5/8"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.83	0.31
	05MOD-0011		For 7x7 Strand Core, Add	0.09	
	05MOD-0012		For < 100, Add	0.80	
	05MOD-0013		For > 500 To 1000, Deduct	-0.14	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.21	
	05MOD-0015		For > 2000, Deduct	-0.28	
05150-0015	LF	3/4"	Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	3.80	0.39
	05MOD-0011		For 7x7 Strand Core, Add	0.12	
	05MOD-0012		For < 100, Add	1.06	
	05MOD-0013		For > 500 To 1000, Deduct	-0.19	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.29	
	05MOD-0015		For > 2000, Deduct	-0.38	
05150-0016			6x19 Class Bright, IPS, IWRC <small>(05150-0001)</small>		
05150-0017	LF	1/4"	Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	1.34	0.08
	05MOD-0012		For < 100, Add	0.43	
	05MOD-0013		For > 500 To 1000, Deduct	-0.07	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.10	
	05MOD-0015		For > 2000, Deduct	-0.13	
	05MOD-0016		For 7x19 Strand Core, Add	0.23	
	05MOD-0157		For Heavy Duty IWRC Rating, Add	0.29	
	05MOD-0158		For 7x19 Galvanized, Add	0.64	
05150-0018	LF	5/16"	Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	1.59	0.08
	05MOD-0012		For < 100, Add	0.50	
	05MOD-0013		For > 500 To 1000, Deduct	-0.08	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.12	
	05MOD-0015		For > 2000, Deduct	-0.16	
	05MOD-0016		For 7x19 Strand Core, Add	0.26	
	05MOD-0157		For Heavy Duty IWRC Rating, Add	0.33	
	05MOD-0158		For 7x19 Galvanized, Add	0.72	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05150-0019	LF 3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	1.92	0.16
	05MOD-0012 For < 100, Add	0.59	
	05MOD-0013 For > 500 To 1000, Deduct	-0.10	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.14	
	05MOD-0015 For > 2000, Deduct	-0.19	
	05MOD-0016 For 7x19 Strand Core, Add	0.30	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	0.38	
	05MOD-0158 For 7x19 Galvanized, Add	0.83	
05150-0020	LF 7/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	2.26	0.16
	05MOD-0012 For < 100, Add	0.68	
	05MOD-0013 For > 500 To 1000, Deduct	-0.11	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.17	
	05MOD-0015 For > 2000, Deduct	-0.23	
	05MOD-0016 For 7x19 Strand Core, Add	0.34	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	0.43	
	05MOD-0158 For 7x19 Galvanized, Add	0.94	
05150-0021	LF 1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	2.65	0.24
	05MOD-0012 For < 100, Add	0.78	
	05MOD-0013 For > 500 To 1000, Deduct	-0.13	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.20	
	05MOD-0015 For > 2000, Deduct	-0.27	
	05MOD-0016 For 7x19 Strand Core, Add	0.38	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	0.48	
	05MOD-0158 For 7x19 Galvanized, Add	1.06	
05150-0022	LF 9/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	3.15	0.31
	05MOD-0012 For < 100, Add	0.91	
	05MOD-0013 For > 500 To 1000, Deduct	-0.16	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.24	
	05MOD-0015 For > 2000, Deduct	-0.32	
	05MOD-0016 For 7x19 Strand Core, Add	0.44	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	0.55	
	05MOD-0158 For 7x19 Galvanized, Add	1.22	
05150-0023	LF 5/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	3.62	0.31
	05MOD-0012 For < 100, Add	1.04	
	05MOD-0013 For > 500 To 1000, Deduct	-0.18	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.27	
	05MOD-0015 For > 2000, Deduct	-0.36	
	05MOD-0016 For 7x19 Strand Core, Add	0.49	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	0.62	
	05MOD-0158 For 7x19 Galvanized, Add	1.36	
05150-0024	LF 3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	5.13	0.55
	05MOD-0012 For < 100, Add	1.46	
	05MOD-0013 For > 500 To 1000, Deduct	-0.26	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.38	
	05MOD-0015 For > 2000, Deduct	-0.51	
	05MOD-0016 For 7x19 Strand Core, Add	0.69	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	0.87	
	05MOD-0158 For 7x19 Galvanized, Add	1.90	
05150-0025	LF 7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	6.77	0.63
	05MOD-0012 For < 100, Add	1.92	
	05MOD-0013 For > 500 To 1000, Deduct	-0.34	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.51	
	05MOD-0015 For > 2000, Deduct	-0.68	
	05MOD-0016 For 7x19 Strand Core, Add	0.90	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	1.13	
	05MOD-0158 For 7x19 Galvanized, Add	2.48	
05150-0026	LF 1" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	8.54	0.88
	05MOD-0012 For < 100, Add	2.39	
	05MOD-0013 For > 500 To 1000, Deduct	-0.43	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.64	
	05MOD-0015 For > 2000, Deduct	-0.85	
	05MOD-0016 For 7x19 Strand Core, Add	1.11	
	05MOD-0157 For Heavy Duty IWRC Rating, Add	1.39	
	05MOD-0158 For 7x19 Galvanized, Add	3.05	
05150-0027	6x37 Class Bright, IPS, IWRC <small>(05150-0001)</small>		
05150-0028	LF 1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	1.69	0.08
	05MOD-0012 For < 100, Add	0.56	
	05MOD-0013 For > 500 To 1000, Deduct	-0.08	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.13	
	05MOD-0015 For > 2000, Deduct	-0.17	
	05MOD-0156 For XIPS Wire, Add	0.04	
05150-0029	LF 5/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.02	0.08
	05MOD-0012 For < 100, Add	0.65	
	05MOD-0013 For > 500 To 1000, Deduct	-0.10	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.15	
	05MOD-0015 For > 2000, Deduct	-0.20	
	05MOD-0156 For XIPS Wire, Add	0.05	
05150-0030	LF 3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.44	0.16
	05MOD-0012 For < 100, Add	0.77	
	05MOD-0013 For > 500 To 1000, Deduct	-0.12	
	05MOD-0014 For > 1000 To 2000, Deduct	-0.18	
	05MOD-0015 For > 2000, Deduct	-0.24	
	05MOD-0156 For XIPS Wire, Add	0.06	

05000 Metals**05100 Structural Metal Framing****05150 Wire Rope**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05150-0031	LF	7/16"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.81	0.16
	05MOD-0012		For < 100, Add	0.87	
	05MOD-0013		For > 500 To 1000, Deduct	-0.14	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.21	
	05MOD-0015		For > 2000, Deduct	-0.28	
	05MOD-0156		For XIPS Wire, Add	0.07	
05150-0032	LF	1/2"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	3.29	0.24
	05MOD-0012		For < 100, Add	1.01	
	05MOD-0013		For > 500 To 1000, Deduct	-0.16	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.25	
	05MOD-0015		For > 2000, Deduct	-0.33	
	05MOD-0156		For XIPS Wire, Add	0.08	
05150-0033	LF	9/16"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	3.81	0.31
	05MOD-0012		For < 100, Add	1.15	
	05MOD-0013		For > 500 To 1000, Deduct	-0.19	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.29	
	05MOD-0015		For > 2000, Deduct	-0.38	
	05MOD-0156		For XIPS Wire, Add	0.09	
05150-0034	LF	5/8"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	4.34	0.31
	05MOD-0012		For < 100, Add	1.29	
	05MOD-0013		For > 500 To 1000, Deduct	-0.22	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.33	
	05MOD-0015		For > 2000, Deduct	-0.43	
	05MOD-0156		For XIPS Wire, Add	0.10	
05150-0035	LF	3/4"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	5.82	0.55
	05MOD-0012		For < 100, Add	1.70	
	05MOD-0013		For > 500 To 1000, Deduct	-0.29	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.44	
	05MOD-0015		For > 2000, Deduct	-0.58	
	05MOD-0156		For XIPS Wire, Add	0.14	
05150-0036	LF	7/8"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	7.53	0.63
	05MOD-0012		For < 100, Add	2.18	
	05MOD-0013		For > 500 To 1000, Deduct	-0.38	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.56	
	05MOD-0015		For > 2000, Deduct	-0.75	
	05MOD-0156		For XIPS Wire, Add	0.18	
05150-0037	LF	1"	Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	9.46	0.88
	05MOD-0012		For < 100, Add	2.73	
	05MOD-0013		For > 500 To 1000, Deduct	-0.47	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.71	
	05MOD-0015		For > 2000, Deduct	-0.95	
	05MOD-0156		For XIPS Wire, Add	0.22	
05150-0038			6x19 And 6x37 Swaged Wire Rope (05150-0001)		
05150-0039	LF	1/2"	Diameter 6x19 And 6x37 Swaged Wire Rope.....	4.64	0.31
	05MOD-0012		For < 100, Add	1.42	
	05MOD-0013		For > 500 To 1000, Deduct	-0.23	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.35	
	05MOD-0015		For > 2000, Deduct	-0.46	
05150-0040	LF	9/16"	Diameter 6x19 And 6x37 Swaged Wire Rope.....	5.21	0.31
	05MOD-0012		For < 100, Add	1.60	
	05MOD-0013		For > 500 To 1000, Deduct	-0.26	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.39	
	05MOD-0015		For > 2000, Deduct	-0.52	
05150-0041	LF	5/8"	Diameter 6x19 And 6x37 Swaged Wire Rope.....	6.45	0.39
	05MOD-0012		For < 100, Add	1.98	
	05MOD-0013		For > 500 To 1000, Deduct	-0.32	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.48	
	05MOD-0015		For > 2000, Deduct	-0.65	
05150-0042	LF	3/4"	Diameter 6x19 And 6x37 Swaged Wire Rope.....	7.96	0.63
	05MOD-0012		For < 100, Add	2.39	
	05MOD-0013		For > 500 To 1000, Deduct	-0.40	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.60	
	05MOD-0015		For > 2000, Deduct	-0.80	
05150-0043	LF	7/8"	Diameter 6x19 And 6x37 Swaged Wire Rope.....	9.90	0.80
	05MOD-0012		For < 100, Add	2.94	
	05MOD-0013		For > 500 To 1000, Deduct	-0.50	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.74	
	05MOD-0015		For > 2000, Deduct	-0.99	
05150-0044	LF	1"	Diameter 6x19 And 6x37 Swaged Wire Rope.....	12.26	1.03
	05MOD-0012		For < 100, Add	3.59	
	05MOD-0013		For > 500 To 1000, Deduct	-0.61	
	05MOD-0014		For > 1000 To 2000, Deduct	-0.92	
	05MOD-0015		For > 2000, Deduct	-1.23	
05180			Steel Chain And Accessories (05100)		
05180-0001			Alloy Steel Chain, Self Colored, Cut Length (05180)		
05180-0002	LF	3/16"	Diameter Alloy Steel Chain, Cut Length, Self Colored.....	3.54	0.75
	05MOD-0017		For Plastic Dipped, Add	0.31	
05180-0003	LF	1/4"	Diameter Alloy Steel Chain, Cut Length, Self Colored.....	4.74	0.99
	05MOD-0017		For Plastic Dipped, Add	0.41	
05180-0004	LF	3/8"	Diameter Alloy Steel Chain, Cut Length, Self Colored.....	7.68	1.98
	05MOD-0017		For Plastic Dipped, Add	0.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05180-0005 LF 1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	12.41	3.34
05MOD-0017 For Plastic Dipped, Add	0.86	
05180-0006 LF 5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	20.94	5.64
05MOD-0017 For Plastic Dipped, Add	1.45	
05180-0007 LF 3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	29.39	7.93
05MOD-0017 For Plastic Dipped, Add	2.03	
05180-0008 LF 7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	39.66	9.90
05MOD-0017 For Plastic Dipped, Add	2.98	
05180-0009 LF 1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	56.87	13.20
05MOD-0017 For Plastic Dipped, Add	4.57	
05180-0010 LF 1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	91.73	19.80
05MOD-0017 For Plastic Dipped, Add	7.82	

05400 Lightweight Metal Framing (05000)

Note: Includes all connecting bolts and tack welds. See CSI section 09110-0000 for steel studs.

05410 Lightweight Framing (05400)

05410-0001 Steel Shapes (05410)

05410-0002 Angle Iron (05410-0001)

05410-0003 1/8" Thick (05410-0002)

05410-0004 LF 1/2" x 1/2" x 1/8" Angle Iron.....	2.02	1.25
05MOD-0018 For > 100 To 250, Deduct	-0.12	
05MOD-0019 For > 250 To 500, Deduct	-0.18	
05MOD-0020 For > 500 To 1000, Deduct	-0.27	
05MOD-0021 For > 1000, Deduct	-0.36	
05MOD-0022 For 316 Stainless Steel, Add	1.15	
05MOD-0023 For Aluminum, Add	0.06	
05MOD-0024 For Galvanized Steel, Add	0.22	
05MOD-0159 For 304 Stainless Steel, Add	1.03	
05410-0005 LF 3/4" x 1/2" x 1/8" Angle Iron.....	2.34	1.41
05MOD-0018 For > 100 To 250, Deduct	-0.14	
05MOD-0019 For > 250 To 500, Deduct	-0.20	
05MOD-0020 For > 500 To 1000, Deduct	-0.31	
05MOD-0021 For > 1000, Deduct	-0.41	
05MOD-0022 For 316 Stainless Steel, Add	1.47	
05MOD-0023 For Aluminum, Add	0.08	
05MOD-0024 For Galvanized Steel, Add	0.29	
05MOD-0159 For 304 Stainless Steel, Add	1.31	
05410-0006 LF 3/4" x 3/4" x 1/8" Angle Iron.....	2.64	1.56
05MOD-0018 For > 100 To 250, Deduct	-0.16	
05MOD-0019 For > 250 To 500, Deduct	-0.22	
05MOD-0020 For > 500 To 1000, Deduct	-0.34	
05MOD-0021 For > 1000, Deduct	-0.46	
05MOD-0022 For 316 Stainless Steel, Add	1.82	
05MOD-0023 For Aluminum, Add	0.10	
05MOD-0024 For Galvanized Steel, Add	0.35	
05MOD-0159 For 304 Stainless Steel, Add	1.62	
05410-0007 LF 1" x 3/4" x 1/8" Angle Iron.....	2.98	1.73
05MOD-0018 For > 100 To 250, Deduct	-0.17	
05MOD-0019 For > 250 To 500, Deduct	-0.25	
05MOD-0020 For > 500 To 1000, Deduct	-0.38	
05MOD-0021 For > 1000, Deduct	-0.51	
05MOD-0022 For 316 Stainless Steel, Add	2.11	
05MOD-0023 For Aluminum, Add	0.12	
05MOD-0024 For Galvanized Steel, Add	0.41	
05MOD-0159 For 304 Stainless Steel, Add	1.88	
05410-0008 LF 1" x 1" x 1/8" Angle Iron.....	3.27	1.87
05MOD-0018 For > 100 To 250, Deduct	-0.19	
05MOD-0019 For > 250 To 500, Deduct	-0.27	
05MOD-0020 For > 500 To 1000, Deduct	-0.41	
05MOD-0021 For > 1000, Deduct	-0.56	
05MOD-0022 For 316 Stainless Steel, Add	2.46	
05MOD-0023 For Aluminum, Add	0.14	
05MOD-0024 For Galvanized Steel, Add	0.48	
05MOD-0159 For 304 Stainless Steel, Add	2.19	
05410-0009 LF 1-1/4" x 1-1/4" x 1/8" Angle Iron.....	3.91	2.21
05MOD-0018 For > 100 To 250, Deduct	-0.22	
05MOD-0019 For > 250 To 500, Deduct	-0.32	
05MOD-0020 For > 500 To 1000, Deduct	-0.49	
05MOD-0021 For > 1000, Deduct	-0.66	
05MOD-0022 For 316 Stainless Steel, Add	3.10	
05MOD-0023 For Aluminum, Add	0.17	
05MOD-0024 For Galvanized Steel, Add	0.60	
05MOD-0159 For 304 Stainless Steel, Add	2.76	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0010	LF		1-1/2" x 1" x 1/8" Angle Iron.....	3.91	2.21
	05MOD-0018		For > 100 To 250, Deduct	-0.22	
	05MOD-0019		For > 250 To 500, Deduct	-0.32	
	05MOD-0020		For > 500 To 1000, Deduct	-0.49	
	05MOD-0021		For > 1000, Deduct	-0.66	
	05MOD-0022		For 316 Stainless Steel, Add	3.10	
	05MOD-0023		For Aluminum, Add	0.17	
	05MOD-0024		For Galvanized Steel, Add	0.60	
	05MOD-0159		For 304 Stainless Steel, Add	2.76	
05410-0011	LF		1-1/2" x 1-1/2" x 1/8" Angle Iron.....	4.67	2.64
	05MOD-0018		For > 100 To 250, Deduct	-0.26	
	05MOD-0019		For > 250 To 500, Deduct	-0.38	
	05MOD-0020		For > 500 To 1000, Deduct	-0.58	
	05MOD-0021		For > 1000, Deduct	-0.79	
	05MOD-0022		For 316 Stainless Steel, Add	3.71	
	05MOD-0023		For Aluminum, Add	0.21	
	05MOD-0024		For Galvanized Steel, Add	0.72	
	05MOD-0159		For 304 Stainless Steel, Add	3.31	
05410-0012	LF		2" x 2" x 1/8" Angle Iron.....	6.36	3.59
	05MOD-0018		For > 100 To 250, Deduct	-0.36	
	05MOD-0019		For > 250 To 500, Deduct	-0.52	
	05MOD-0020		For > 500 To 1000, Deduct	-0.80	
	05MOD-0021		For > 1000, Deduct	-1.07	
	05MOD-0022		For 316 Stainless Steel, Add	5.06	
	05MOD-0023		For Aluminum, Add	0.28	
	05MOD-0024		For Galvanized Steel, Add	0.98	
	05MOD-0159		For 304 Stainless Steel, Add	4.50	
05410-0013			3/16" Thick ₍₀₅₄₁₀₋₀₀₀₂₎		
05410-0014	LF		1-1/4" x 1-1/4" x 3/16" Angle Iron.....	4.52	2.33
	05MOD-0018		For > 100 To 250, Deduct	-0.23	
	05MOD-0019		For > 250 To 500, Deduct	-0.35	
	05MOD-0020		For > 500 To 1000, Deduct	-0.54	
	05MOD-0021		For > 1000, Deduct	-0.73	
	05MOD-0022		For 316 Stainless Steel, Add	4.54	
	05MOD-0023		For Aluminum, Add	0.26	
	05MOD-0024		For Galvanized Steel, Add	0.88	
	05MOD-0159		For 304 Stainless Steel, Add	4.05	
05410-0015	LF		1-1/2" x 1" x 3/16" Angle Iron.....	4.52	2.33
	05MOD-0018		For > 100 To 250, Deduct	-0.23	
	05MOD-0019		For > 250 To 500, Deduct	-0.35	
	05MOD-0020		For > 500 To 1000, Deduct	-0.54	
	05MOD-0021		For > 1000, Deduct	-0.73	
	05MOD-0022		For 316 Stainless Steel, Add	4.54	
	05MOD-0023		For Aluminum, Add	0.26	
	05MOD-0024		For Galvanized Steel, Add	0.88	
	05MOD-0159		For 304 Stainless Steel, Add	4.05	
05410-0016	LF		1-1/2" x 1-1/2" x 3/16" Angle Iron.....	5.04	2.50
	05MOD-0018		For > 100 To 250, Deduct	-0.25	
	05MOD-0019		For > 250 To 500, Deduct	-0.38	
	05MOD-0020		For > 500 To 1000, Deduct	-0.58	
	05MOD-0021		For > 1000, Deduct	-0.79	
	05MOD-0022		For 316 Stainless Steel, Add	5.50	
	05MOD-0023		For Aluminum, Add	0.31	
	05MOD-0024		For Galvanized Steel, Add	1.07	
	05MOD-0159		For 304 Stainless Steel, Add	4.90	
05410-0017	LF		2" x 2" x 3/16" Angle Iron.....	5.90	2.68
	05MOD-0018		For > 100 To 250, Deduct	-0.27	
	05MOD-0019		For > 250 To 500, Deduct	-0.41	
	05MOD-0020		For > 500 To 1000, Deduct	-0.65	
	05MOD-0021		For > 1000, Deduct	-0.89	
	05MOD-0022		For 316 Stainless Steel, Add	7.49	
	05MOD-0023		For Aluminum, Add	0.42	
	05MOD-0024		For Galvanized Steel, Add	1.45	
	05MOD-0159		For 304 Stainless Steel, Add	6.67	
05410-0018	LF		2-1/2" x 2" x 3/16" Angle Iron.....	6.46	2.87
	05MOD-0018		For > 100 To 250, Deduct	-0.29	
	05MOD-0019		For > 250 To 500, Deduct	-0.45	
	05MOD-0020		For > 500 To 1000, Deduct	-0.71	
	05MOD-0021		For > 1000, Deduct	-0.96	
	05MOD-0022		For 316 Stainless Steel, Add	8.45	
	05MOD-0023		For Aluminum, Add	0.48	
	05MOD-0024		For Galvanized Steel, Add	1.64	
	05MOD-0159		For 304 Stainless Steel, Add	7.52	
05410-0019	LF		2-1/2" x 2-1/2" x 3/16" Angle Iron.....	7.05	3.07
	05MOD-0018		For > 100 To 250, Deduct	-0.31	
	05MOD-0019		For > 250 To 500, Deduct	-0.48	
	05MOD-0020		For > 500 To 1000, Deduct	-0.76	
	05MOD-0021		For > 1000, Deduct	-1.04	
	05MOD-0022		For 316 Stainless Steel, Add	9.47	
	05MOD-0023		For Aluminum, Add	0.53	
	05MOD-0024		For Galvanized Steel, Add	1.84	
	05MOD-0159		For 304 Stainless Steel, Add	8.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0020 LF 3" x 2" x 3/16" Angle Iron.....	7.04	3.07
05MOD-0018 For > 100 To 250, Deduct	-0.31	
05MOD-0019 For > 250 To 500, Deduct	-0.48	
05MOD-0020 For > 500 To 1000, Deduct	-0.76	
05MOD-0021 For > 1000, Deduct	-1.04	
05MOD-0022 For 316 Stainless Steel, Add	9.44	
05MOD-0023 For Aluminum, Add	0.53	
05MOD-0024 For Galvanized Steel, Add	1.83	
05MOD-0159 For 304 Stainless Steel, Add	8.41	
05410-0021 LF 3" x 2-1/2" x 3/16" Angle Iron.....	7.78	3.39
05MOD-0018 For > 100 To 250, Deduct	-0.34	
05MOD-0019 For > 250 To 500, Deduct	-0.53	
05MOD-0020 For > 500 To 1000, Deduct	-0.84	
05MOD-0021 For > 1000, Deduct	-1.15	
05MOD-0022 For 316 Stainless Steel, Add	10.43	
05MOD-0023 For Aluminum, Add	0.59	
05MOD-0024 For Galvanized Steel, Add	2.02	
05MOD-0159 For 304 Stainless Steel, Add	9.29	
05410-0022 LF 3" x 3" x 3/16" Angle Iron.....	8.50	3.71
05MOD-0018 For > 100 To 250, Deduct	-0.37	
05MOD-0019 For > 250 To 500, Deduct	-0.58	
05MOD-0020 For > 500 To 1000, Deduct	-0.92	
05MOD-0021 For > 1000, Deduct	-1.26	
05MOD-0022 For 316 Stainless Steel, Add	11.39	
05MOD-0023 For Aluminum, Add	0.64	
05MOD-0024 For Galvanized Steel, Add	2.21	
05MOD-0159 For 304 Stainless Steel, Add	10.15	
05410-0023 1/4" Thick <small>(05410-0002)</small>		
05410-0024 LF 1-1/2" x 1" x 1/4" Angle Iron.....	5.10	2.46
05MOD-0018 For > 100 To 250, Deduct	-0.25	
05MOD-0019 For > 250 To 500, Deduct	-0.37	
05MOD-0020 For > 500 To 1000, Deduct	-0.58	
05MOD-0021 For > 1000, Deduct	-0.79	
05MOD-0022 For 316 Stainless Steel, Add	5.82	
05MOD-0023 For Aluminum, Add	0.33	
05MOD-0024 For Galvanized Steel, Add	1.13	
05MOD-0159 For 304 Stainless Steel, Add	5.19	
05410-0025 LF 1-1/2" x 1-1/2" x 1/4" Angle Iron.....	5.73	2.63
05MOD-0018 For > 100 To 250, Deduct	-0.26	
05MOD-0019 For > 250 To 500, Deduct	-0.41	
05MOD-0020 For > 500 To 1000, Deduct	-0.64	
05MOD-0021 For > 1000, Deduct	-0.87	
05MOD-0022 For 316 Stainless Steel, Add	7.10	
05MOD-0023 For Aluminum, Add	0.40	
05MOD-0024 For Galvanized Steel, Add	1.38	
05MOD-0159 For 304 Stainless Steel, Add	6.33	
05410-0026 LF 2" x 2" x 1/4" Angle Iron.....	6.81	2.81
05MOD-0018 For > 100 To 250, Deduct	-0.28	
05MOD-0019 For > 250 To 500, Deduct	-0.45	
05MOD-0020 For > 500 To 1000, Deduct	-0.72	
05MOD-0021 For > 1000, Deduct	-0.98	
05MOD-0022 For 316 Stainless Steel, Add	9.79	
05MOD-0023 For Aluminum, Add	0.55	
05MOD-0024 For Galvanized Steel, Add	1.90	
05MOD-0159 For 304 Stainless Steel, Add	8.72	
05410-0027 LF 2-1/2" x 2" x 1/4" Angle Iron.....	7.63	3.11
05MOD-0018 For > 100 To 250, Deduct	-0.31	
05MOD-0019 For > 250 To 500, Deduct	-0.50	
05MOD-0020 For > 500 To 1000, Deduct	-0.80	
05MOD-0021 For > 1000, Deduct	-1.09	
05MOD-0022 For 316 Stainless Steel, Add	11.14	
05MOD-0023 For Aluminum, Add	0.63	
05MOD-0024 For Galvanized Steel, Add	2.16	
05MOD-0159 For 304 Stainless Steel, Add	9.92	
05410-0028 LF 2-1/2" x 2-1/2" x 1/4" Angle Iron.....	8.48	3.41
05MOD-0018 For > 100 To 250, Deduct	-0.34	
05MOD-0019 For > 250 To 500, Deduct	-0.55	
05MOD-0020 For > 500 To 1000, Deduct	-0.88	
05MOD-0021 For > 1000, Deduct	-1.20	
05MOD-0022 For 316 Stainless Steel, Add	12.58	
05MOD-0023 For Aluminum, Add	0.71	
05MOD-0024 For Galvanized Steel, Add	2.44	
05MOD-0159 For 304 Stainless Steel, Add	11.20	
05410-0029 LF 3" x 2" x 1/4" Angle Iron.....	8.48	3.41
05MOD-0018 For > 100 To 250, Deduct	-0.34	
05MOD-0019 For > 250 To 500, Deduct	-0.55	
05MOD-0020 For > 500 To 1000, Deduct	-0.88	
05MOD-0021 For > 1000, Deduct	-1.20	
05MOD-0022 For 316 Stainless Steel, Add	12.58	
05MOD-0023 For Aluminum, Add	0.71	
05MOD-0024 For Galvanized Steel, Add	2.44	
05MOD-0159 For 304 Stainless Steel, Add	11.20	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0030	LF		3" x 2-1/2" x 1/4" Angle Iron	9.37	3.79
	05MOD-0018		For > 100 To 250, Deduct	-0.38	
	05MOD-0019		For > 250 To 500, Deduct	-0.61	
	05MOD-0020		For > 500 To 1000, Deduct	-0.97	
	05MOD-0021		For > 1000, Deduct	-1.33	
	05MOD-0022		For 316 Stainless Steel, Add	13.82	
	05MOD-0023		For Aluminum, Add	0.78	
	05MOD-0024		For Galvanized Steel, Add	2.68	
	05MOD-0159		For 304 Stainless Steel, Add	12.31	
05410-0031	LF		3" x 3" x 1/4" Angle Iron	11.66	4.16
	05MOD-0018		For > 100 To 250, Deduct	-0.42	
	05MOD-0019		For > 250 To 500, Deduct	-0.71	
	05MOD-0020		For > 500 To 1000, Deduct	-1.14	
	05MOD-0021		For > 1000, Deduct	-1.57	
	05MOD-0022		For 316 Stainless Steel, Add	19.55	
	05MOD-0023		For Aluminum, Add	1.10	
	05MOD-0024		For Galvanized Steel, Add	3.79	
	05MOD-0159		For 304 Stainless Steel, Add	17.41	
05410-0032	LF		3-1/2" x 3" x 1/4" Angle Iron	12.70	4.47
	05MOD-0018		For > 100 To 250, Deduct	-0.45	
	05MOD-0019		For > 250 To 500, Deduct	-0.76	
	05MOD-0020		For > 500 To 1000, Deduct	-1.23	
	05MOD-0021		For > 1000, Deduct	-1.70	
	05MOD-0022		For 316 Stainless Steel, Add	21.57	
	05MOD-0023		For Aluminum, Add	1.21	
	05MOD-0024		For Galvanized Steel, Add	4.18	
	05MOD-0159		For 304 Stainless Steel, Add	19.21	
05410-0033	LF		3-1/2" x 3-1/2" x 1/4" Angle Iron	11.79	0.46
	05MOD-0018		For > 100 To 250, Deduct	-0.47	
	05MOD-0019		For > 250 To 500, Deduct	-0.76	
	05MOD-0020		For > 500 To 1000, Deduct	-1.21	
	05MOD-0021		For > 1000, Deduct	-1.66	
	05MOD-0022		For 316 Stainless Steel, Add	17.82	
	05MOD-0023		For Aluminum, Add	1.00	
	05MOD-0024		For Galvanized Steel, Add	3.45	
	05MOD-0159		For 304 Stainless Steel, Add	15.87	
05410-0034	LF		4" x 3" x 1/4" Angle Iron	11.79	4.67
	05MOD-0018		For > 100 To 250, Deduct	-0.47	
	05MOD-0019		For > 250 To 500, Deduct	-0.76	
	05MOD-0020		For > 500 To 1000, Deduct	-1.21	
	05MOD-0021		For > 1000, Deduct	-1.66	
	05MOD-0022		For 316 Stainless Steel, Add	17.82	
	05MOD-0023		For Aluminum, Add	1.00	
	05MOD-0024		For Galvanized Steel, Add	3.45	
	05MOD-0159		For 304 Stainless Steel, Add	15.87	
05410-0035	LF		4" x 3-1/2" x 1/4" Angle Iron	12.43	4.86
	05MOD-0018		For > 100 To 250, Deduct	-0.49	
	05MOD-0019		For > 250 To 500, Deduct	-0.80	
	05MOD-0020		For > 500 To 1000, Deduct	-1.27	
	05MOD-0021		For > 1000, Deduct	-1.74	
	05MOD-0022		For 316 Stainless Steel, Add	19.01	
	05MOD-0023		For Aluminum, Add	1.07	
	05MOD-0024		For Galvanized Steel, Add	3.68	
	05MOD-0159		For 304 Stainless Steel, Add	16.93	
05410-0036	LF		4" x 4" x 1/4" Angle Iron	13.11	5.08
	05MOD-0018		For > 100 To 250, Deduct	-0.51	
	05MOD-0019		For > 250 To 500, Deduct	-0.84	
	05MOD-0020		For > 500 To 1000, Deduct	-1.33	
	05MOD-0021		For > 1000, Deduct	-1.83	
	05MOD-0022		For 316 Stainless Steel, Add	20.29	
	05MOD-0023		For Aluminum, Add	1.14	
	05MOD-0024		For Galvanized Steel, Add	3.93	
	05MOD-0159		For 304 Stainless Steel, Add	18.07	
05410-0037			5/16" Thick <small>(05410-0002)</small>		
05410-0038	LF		2-1/2" x 2" x 5/16" Angle Iron	9.13	3.62
	05MOD-0018		For > 100 To 250, Deduct	-0.36	
	05MOD-0019		For > 250 To 500, Deduct	-0.59	
	05MOD-0020		For > 500 To 1000, Deduct	-0.94	
	05MOD-0021		For > 1000, Deduct	-1.29	
	05MOD-0022		For 316 Stainless Steel, Add	13.82	
	05MOD-0023		For Aluminum, Add	0.78	
	05MOD-0024		For Galvanized Steel, Add	2.68	
	05MOD-0159		For 304 Stainless Steel, Add	12.31	
05410-0039	LF		2-1/2" x 2-1/2" x 5/16" Angle Iron	9.91	3.84
	05MOD-0018		For > 100 To 250, Deduct	-0.38	
	05MOD-0019		For > 250 To 500, Deduct	-0.63	
	05MOD-0020		For > 500 To 1000, Deduct	-1.01	
	05MOD-0021		For > 1000, Deduct	-1.38	
	05MOD-0022		For 316 Stainless Steel, Add	15.36	
	05MOD-0023		For Aluminum, Add	0.86	
	05MOD-0024		For Galvanized Steel, Add	2.98	
	05MOD-0159		For 304 Stainless Steel, Add	13.68	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0040 LF 3" x 2" x 5/16" Angle Iron.....	9.91	3.84
05MOD-0018 For > 100 To 250, Deduct	-0.38	
05MOD-0019 For > 250 To 500, Deduct	-0.63	
05MOD-0020 For > 500 To 1000, Deduct	-1.01	
05MOD-0021 For > 1000, Deduct	-1.38	
05MOD-0022 For 316 Stainless Steel, Add	15.36	
05MOD-0023 For Aluminum, Add	0.86	
05MOD-0024 For Galvanized Steel, Add	2.98	
05MOD-0159 For 304 Stainless Steel, Add	13.68	
05410-0041 LF 3" x 2-1/2" x 5/16" Angle Iron.....	10.98	4.20
05MOD-0018 For > 100 To 250, Deduct	-0.42	
05MOD-0019 For > 250 To 500, Deduct	-0.69	
05MOD-0020 For > 500 To 1000, Deduct	-1.11	
05MOD-0021 For > 1000, Deduct	-1.52	
05MOD-0022 For 316 Stainless Steel, Add	17.22	
05MOD-0023 For Aluminum, Add	0.97	
05MOD-0024 For Galvanized Steel, Add	3.34	
05MOD-0159 For 304 Stainless Steel, Add	15.33	
05410-0042 LF 3" x 3" x 5/16" Angle Iron.....	11.95	4.57
05MOD-0018 For > 100 To 250, Deduct	-0.46	
05MOD-0019 For > 250 To 500, Deduct	-0.76	
05MOD-0020 For > 500 To 1000, Deduct	-1.21	
05MOD-0021 For > 1000, Deduct	-1.66	
05MOD-0022 For 316 Stainless Steel, Add	18.75	
05MOD-0023 For Aluminum, Add	1.05	
05MOD-0024 For Galvanized Steel, Add	3.63	
05MOD-0159 For 304 Stainless Steel, Add	16.70	
05410-0043 LF 3-1/2" x 3" x 5/16" Angle Iron.....	12.73	4.80
05MOD-0018 For > 100 To 250, Deduct	-0.48	
05MOD-0019 For > 250 To 500, Deduct	-0.80	
05MOD-0020 For > 500 To 1000, Deduct	-1.28	
05MOD-0021 For > 1000, Deduct	-1.75	
05MOD-0022 For 316 Stainless Steel, Add	20.29	
05MOD-0023 For Aluminum, Add	1.14	
05MOD-0024 For Galvanized Steel, Add	3.93	
05MOD-0159 For 304 Stainless Steel, Add	18.07	
05410-0044 LF 3-1/2" x 3-1/2" x 5/16" Angle Iron.....	13.62	5.04
05MOD-0018 For > 100 To 250, Deduct	-0.50	
05MOD-0019 For > 250 To 500, Deduct	-0.84	
05MOD-0020 For > 500 To 1000, Deduct	-1.35	
05MOD-0021 For > 1000, Deduct	-1.86	
05MOD-0022 For 316 Stainless Steel, Add	22.08	
05MOD-0023 For Aluminum, Add	1.24	
05MOD-0024 For Galvanized Steel, Add	4.28	
05MOD-0159 For 304 Stainless Steel, Add	19.67	
05410-0045 LF 4" x 3" x 5/16" Angle Iron.....	13.62	5.04
05MOD-0018 For > 100 To 250, Deduct	-0.50	
05MOD-0019 For > 250 To 500, Deduct	-0.84	
05MOD-0020 For > 500 To 1000, Deduct	-1.35	
05MOD-0021 For > 1000, Deduct	-1.86	
05MOD-0022 For 316 Stainless Steel, Add	22.08	
05MOD-0023 For Aluminum, Add	1.24	
05MOD-0024 For Galvanized Steel, Add	4.28	
05MOD-0159 For 304 Stainless Steel, Add	19.67	
05410-0046 LF 4" x 3-1/2" x 5/16" Angle Iron.....	14.48	5.33
05MOD-0018 For > 100 To 250, Deduct	-0.53	
05MOD-0019 For > 250 To 500, Deduct	-0.89	
05MOD-0020 For > 500 To 1000, Deduct	-1.43	
05MOD-0021 For > 1000, Deduct	-1.97	
05MOD-0022 For 316 Stainless Steel, Add	23.62	
05MOD-0023 For Aluminum, Add	1.33	
05MOD-0024 For Galvanized Steel, Add	4.58	
05MOD-0159 For 304 Stainless Steel, Add	21.03	
05410-0047 LF 4" x 4" x 5/16" Angle Iron.....	15.29	5.56
05MOD-0018 For > 100 To 250, Deduct	-0.56	
05MOD-0019 For > 250 To 500, Deduct	-0.94	
05MOD-0020 For > 500 To 1000, Deduct	-1.51	
05MOD-0021 For > 1000, Deduct	-2.07	
05MOD-0022 For 316 Stainless Steel, Add	25.22	
05MOD-0023 For Aluminum, Add	1.42	
05MOD-0024 For Galvanized Steel, Add	4.89	
05MOD-0159 For 304 Stainless Steel, Add	22.46	
05410-0048 LF 5" x 3-1/2" x 5/16" Angle Iron.....	16.05	5.79
05MOD-0018 For > 100 To 250, Deduct	-0.58	
05MOD-0019 For > 250 To 500, Deduct	-0.98	
05MOD-0020 For > 500 To 1000, Deduct	-1.57	
05MOD-0021 For > 1000, Deduct	-2.17	
05MOD-0022 For 316 Stainless Steel, Add	26.66	
05MOD-0023 For Aluminum, Add	1.50	
05MOD-0024 For Galvanized Steel, Add	5.16	
05MOD-0159 For 304 Stainless Steel, Add	23.74	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0049	LF		5" x 5" x 5/16" Angle Iron	17.94	6.04
	05MOD-0018		For > 100 To 250, Deduct	-0.60	
	05MOD-0019		For > 250 To 500, Deduct	-1.05	
	05MOD-0020		For > 500 To 1000, Deduct	-1.70	
	05MOD-0021		For > 1000, Deduct	-2.35	
	05MOD-0022		For 316 Stainless Steel, Add	31.65	
	05MOD-0023		For Aluminum, Add	1.78	
	05MOD-0024		For Galvanized Steel, Add	6.13	
	05MOD-0159		For 304 Stainless Steel, Add	28.19	
05410-0050			3/8" Thick (05410-0002)		
05410-0051	LF		3" x 2" x 3/8" Angle Iron	11.00	4.01
	05MOD-0018		For > 100 To 250, Deduct	-0.40	
	05MOD-0019		For > 250 To 500, Deduct	-0.68	
	05MOD-0020		For > 500 To 1000, Deduct	-1.09	
	05MOD-0021		For > 1000, Deduct	-1.49	
	05MOD-0022		For 316 Stainless Steel, Add	18.08	
	05MOD-0023		For Aluminum, Add	1.02	
	05MOD-0024		For Galvanized Steel, Add	3.50	
	05MOD-0159		For 304 Stainless Steel, Add	16.10	
05410-0052	LF		3" x 2-1/2" x 3/8" Angle Iron	12.13	4.34
	05MOD-0018		For > 100 To 250, Deduct	-0.43	
	05MOD-0019		For > 250 To 500, Deduct	-0.74	
	05MOD-0020		For > 500 To 1000, Deduct	-1.19	
	05MOD-0021		For > 1000, Deduct	-1.63	
	05MOD-0022		For 316 Stainless Steel, Add	20.29	
	05MOD-0023		For Aluminum, Add	1.14	
	05MOD-0024		For Galvanized Steel, Add	3.93	
	05MOD-0159		For 304 Stainless Steel, Add	18.07	
05410-0053	LF		3" x 3" x 3/8" Angle Iron	13.13	4.68
	05MOD-0018		For > 100 To 250, Deduct	-0.47	
	05MOD-0019		For > 250 To 500, Deduct	-0.80	
	05MOD-0020		For > 500 To 1000, Deduct	-1.28	
	05MOD-0021		For > 1000, Deduct	-1.76	
	05MOD-0022		For 316 Stainless Steel, Add	22.08	
	05MOD-0023		For Aluminum, Add	1.24	
	05MOD-0024		For Galvanized Steel, Add	4.28	
	05MOD-0159		For 304 Stainless Steel, Add	19.67	
05410-0054	LF		3-1/2" x 3" x 3/8" Angle Iron	14.00	4.80
	05MOD-0018		For > 100 To 250, Deduct	-0.48	
	05MOD-0019		For > 250 To 500, Deduct	-0.83	
	05MOD-0020		For > 500 To 1000, Deduct	-1.34	
	05MOD-0021		For > 1000, Deduct	-1.85	
	05MOD-0022		For 316 Stainless Steel, Add	24.29	
	05MOD-0023		For Aluminum, Add	1.37	
	05MOD-0024		For Galvanized Steel, Add	4.71	
	05MOD-0159		For 304 Stainless Steel, Add	21.63	
05410-0055	LF		3-1/2" x 3-1/2" x 3/8" Angle Iron	14.90	5.08
	05MOD-0018		For > 100 To 250, Deduct	-0.51	
	05MOD-0019		For > 250 To 500, Deduct	-0.88	
	05MOD-0020		For > 500 To 1000, Deduct	-1.42	
	05MOD-0021		For > 1000, Deduct	-1.96	
	05MOD-0022		For 316 Stainless Steel, Add	26.05	
	05MOD-0023		For Aluminum, Add	1.47	
	05MOD-0024		For Galvanized Steel, Add	5.05	
	05MOD-0159		For 304 Stainless Steel, Add	23.20	
05410-0056	LF		4" x 3" x 3/8" Angle Iron	17.36	5.08
	05MOD-0018		For > 100 To 250, Deduct	-0.51	
	05MOD-0019		For > 250 To 500, Deduct	-0.94	
	05MOD-0020		For > 500 To 1000, Deduct	-1.54	
	05MOD-0021		For > 1000, Deduct	-2.15	
	05MOD-0022		For 316 Stainless Steel, Add	33.92	
	05MOD-0023		For Aluminum, Add	1.91	
	05MOD-0024		For Galvanized Steel, Add	6.57	
	05MOD-0159		For 304 Stainless Steel, Add	30.21	
05410-0057	LF		4" x 3-1/2" x 3/8" Angle Iron	18.72	5.53
	05MOD-0018		For > 100 To 250, Deduct	-0.55	
	05MOD-0019		For > 250 To 500, Deduct	-1.02	
	05MOD-0020		For > 500 To 1000, Deduct	-1.67	
	05MOD-0021		For > 1000, Deduct	-2.33	
	05MOD-0022		For 316 Stainless Steel, Add	36.32	
	05MOD-0023		For Aluminum, Add	2.04	
	05MOD-0024		For Galvanized Steel, Add	7.04	
	05MOD-0159		For 304 Stainless Steel, Add	32.35	
05410-0058	LF		4" x 4" x 3/8" Angle Iron	19.80	5.69
	05MOD-0018		For > 100 To 250, Deduct	-0.57	
	05MOD-0019		For > 250 To 500, Deduct	-1.06	
	05MOD-0020		For > 500 To 1000, Deduct	-1.75	
	05MOD-0021		For > 1000, Deduct	-2.43	
	05MOD-0022		For 316 Stainless Steel, Add	39.10	
	05MOD-0023		For Aluminum, Add	2.20	
	05MOD-0024		For Galvanized Steel, Add	7.58	
	05MOD-0159		For 304 Stainless Steel, Add	34.83	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0059 LF 5" x 3-1/2" x 3/8" Angle Iron.....	21.47	6.37
05MOD-0018 For > 100 To 250, Deduct	-0.64	
05MOD-0019 For > 250 To 500, Deduct	-1.17	
05MOD-0020 For > 500 To 1000, Deduct	-1.92	
05MOD-0021 For > 1000, Deduct	-2.67	
05MOD-0022 For 316 Stainless Steel, Add	41.50	
05MOD-0023 For Aluminum, Add	2.33	
05MOD-0024 For Galvanized Steel, Add	8.04	
05MOD-0159 For 304 Stainless Steel, Add	36.96	
05410-0060 LF 5" x 5" x 3/8" Angle Iron.....	21.71	7.42
05MOD-0018 For > 100 To 250, Deduct	-0.74	
05MOD-0019 For > 250 To 500, Deduct	-1.29	
05MOD-0020 For > 500 To 1000, Deduct	-2.08	
05MOD-0021 For > 1000, Deduct	-2.87	
05MOD-0022 For 316 Stainless Steel, Add	37.79	
05MOD-0023 For Aluminum, Add	2.13	
05MOD-0024 For Galvanized Steel, Add	7.32	
05MOD-0159 For 304 Stainless Steel, Add	33.66	
05410-0061 LF 6" x 3-1/2" x 3/8" Angle Iron.....	23.79	6.90
05MOD-0018 For > 100 To 250, Deduct	-0.69	
05MOD-0019 For > 250 To 500, Deduct	-1.28	
05MOD-0020 For > 500 To 1000, Deduct	-2.11	
05MOD-0021 For > 1000, Deduct	-2.93	
05MOD-0022 For 316 Stainless Steel, Add	46.69	
05MOD-0023 For Aluminum, Add	2.63	
05MOD-0024 For Galvanized Steel, Add	9.05	
05MOD-0159 For 304 Stainless Steel, Add	41.58	
05410-0062 LF 6" x 4" x 3/8" Angle Iron.....	21.71	7.42
05MOD-0018 For > 100 To 250, Deduct	-0.74	
05MOD-0019 For > 250 To 500, Deduct	-1.29	
05MOD-0020 For > 500 To 1000, Deduct	-2.08	
05MOD-0021 For > 1000, Deduct	-2.87	
05MOD-0022 For 316 Stainless Steel, Add	37.79	
05MOD-0023 For Aluminum, Add	2.13	
05MOD-0024 For Galvanized Steel, Add	7.32	
05MOD-0159 For 304 Stainless Steel, Add	33.66	
05410-0063 1/2" Thick (05410-0002)		
05410-0064 LF 4" x 3" x 1/2" Angle Iron.....	18.18	5.65
05MOD-0018 For > 100 To 250, Deduct	-0.56	
05MOD-0019 For > 250 To 500, Deduct	-1.02	
05MOD-0020 For > 500 To 1000, Deduct	-1.66	
05MOD-0021 For > 1000, Deduct	-2.30	
05MOD-0022 For 316 Stainless Steel, Add	34.11	
05MOD-0023 For Aluminum, Add	1.92	
05MOD-0024 For Galvanized Steel, Add	6.61	
05MOD-0159 For 304 Stainless Steel, Add	30.38	
05410-0065 LF 4" x 3-1/2" x 1/2" Angle Iron.....	19.50	6.05
05MOD-0018 For > 100 To 250, Deduct	-0.61	
05MOD-0019 For > 250 To 500, Deduct	-1.09	
05MOD-0020 For > 500 To 1000, Deduct	-1.78	
05MOD-0021 For > 1000, Deduct	-2.47	
05MOD-0022 For 316 Stainless Steel, Add	36.58	
05MOD-0023 For Aluminum, Add	2.06	
05MOD-0024 For Galvanized Steel, Add	7.09	
05MOD-0159 For 304 Stainless Steel, Add	32.58	
05410-0066 LF 4" x 4" x 1/2" Angle Iron.....	20.97	6.51
05MOD-0018 For > 100 To 250, Deduct	-0.65	
05MOD-0019 For > 250 To 500, Deduct	-1.18	
05MOD-0020 For > 500 To 1000, Deduct	-1.92	
05MOD-0021 For > 1000, Deduct	-2.66	
05MOD-0022 For 316 Stainless Steel, Add	39.33	
05MOD-0023 For Aluminum, Add	2.21	
05MOD-0024 For Galvanized Steel, Add	7.62	
05MOD-0159 For 304 Stainless Steel, Add	35.03	
05410-0067 LF 5" x 3-1/2" x 1/2" Angle Iron.....	22.28	6.92
05MOD-0018 For > 100 To 250, Deduct	-0.69	
05MOD-0019 For > 250 To 500, Deduct	-1.25	
05MOD-0020 For > 500 To 1000, Deduct	-2.04	
05MOD-0021 For > 1000, Deduct	-2.82	
05MOD-0022 For 316 Stainless Steel, Add	41.79	
05MOD-0023 For Aluminum, Add	2.35	
05MOD-0024 For Galvanized Steel, Add	8.10	
05MOD-0159 For 304 Stainless Steel, Add	37.22	
05410-0068 LF 5" x 5" x 1/2" Angle Iron.....	26.55	8.24
05MOD-0018 For > 100 To 250, Deduct	-0.82	
05MOD-0019 For > 250 To 500, Deduct	-1.49	
05MOD-0020 For > 500 To 1000, Deduct	-2.43	
05MOD-0021 For > 1000, Deduct	-3.37	
05MOD-0022 For 316 Stainless Steel, Add	49.79	
05MOD-0023 For Aluminum, Add	2.80	
05MOD-0024 For Galvanized Steel, Add	9.65	
05MOD-0159 For 304 Stainless Steel, Add	44.35	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0069	LF		6" x 4" x 1/2" Angle Iron	26.55	8.24
	05MOD-0018		For > 100 To 250, Deduct	-0.82	
	05MOD-0019		For > 250 To 500, Deduct	-1.49	
	05MOD-0020		For > 500 To 1000, Deduct	-2.43	
	05MOD-0021		For > 1000, Deduct	-3.37	
	05MOD-0022		For 316 Stainless Steel, Add	49.79	
	05MOD-0023		For Aluminum, Add	2.80	
	05MOD-0024		For Galvanized Steel, Add	9.65	
	05MOD-0159		For 304 Stainless Steel, Add	44.35	
05410-0070			Channels (05410-0001)		
05410-0071	LF		C2 x 1.78 - 2" Wide (Channels)	5.28	3.10
	05MOD-0018		For > 100 To 250, Deduct	-0.31	
	05MOD-0019		For > 250 To 500, Deduct	-0.44	
	05MOD-0020		For > 500 To 1000, Deduct	-0.68	
	05MOD-0021		For > 1000, Deduct	-0.91	
	05MOD-0022		For 316 Stainless Steel, Add	3.68	
	05MOD-0023		For Aluminum, Add	0.21	
	05MOD-0024		For Galvanized Steel, Add	0.71	
	05MOD-0159		For 304 Stainless Steel, Add	3.28	
05410-0072	LF		C3 x 4.1 - 3" Wide (Channels)	7.57	4.45
	05MOD-0018		For > 100 To 250, Deduct	-0.45	
	05MOD-0019		For > 250 To 500, Deduct	-0.63	
	05MOD-0020		For > 500 To 1000, Deduct	-0.97	
	05MOD-0021		For > 1000, Deduct	-1.31	
	05MOD-0022		For 316 Stainless Steel, Add	5.22	
	05MOD-0023		For Aluminum, Add	0.29	
	05MOD-0024		For Galvanized Steel, Add	1.01	
	05MOD-0159		For 304 Stainless Steel, Add	4.65	
05410-0073	LF		C4 x 5.4 - 4" Wide (Channels)	9.30	5.35
	05MOD-0018		For > 100 To 250, Deduct	-0.53	
	05MOD-0019		For > 250 To 500, Deduct	-0.77	
	05MOD-0020		For > 500 To 1000, Deduct	-1.18	
	05MOD-0021		For > 1000, Deduct	-1.59	
	05MOD-0022		For 316 Stainless Steel, Add	6.94	
	05MOD-0023		For Aluminum, Add	0.39	
	05MOD-0024		For Galvanized Steel, Add	1.35	
	05MOD-0159		For 304 Stainless Steel, Add	6.18	
05410-0074	LF		C5 x 6.7 - 5" Wide (Channels)	11.06	6.23
	05MOD-0018		For > 100 To 250, Deduct	-0.62	
	05MOD-0019		For > 250 To 500, Deduct	-0.90	
	05MOD-0020		For > 500 To 1000, Deduct	-1.39	
	05MOD-0021		For > 1000, Deduct	-1.87	
	05MOD-0022		For 316 Stainless Steel, Add	8.77	
	05MOD-0023		For Aluminum, Add	0.49	
	05MOD-0024		For Galvanized Steel, Add	1.70	
	05MOD-0159		For 304 Stainless Steel, Add	7.81	
05410-0075	LF		C6 x 8.2 - 6" Wide (Channels)	12.31	6.72
	05MOD-0018		For > 100 To 250, Deduct	-0.67	
	05MOD-0019		For > 250 To 500, Deduct	-0.98	
	05MOD-0020		For > 500 To 1000, Deduct	-1.51	
	05MOD-0021		For > 1000, Deduct	-2.04	
	05MOD-0022		For 316 Stainless Steel, Add	10.75	
	05MOD-0023		For Aluminum, Add	0.60	
	05MOD-0024		For Galvanized Steel, Add	2.08	
	05MOD-0159		For 304 Stainless Steel, Add	9.58	
05410-0076	LF		C7 x 9.8 - 7" Wide (Channels)	16.42	8.91
	05MOD-0018		For > 100 To 250, Deduct	-0.89	
	05MOD-0019		For > 250 To 500, Deduct	-1.30	
	05MOD-0020		For > 500 To 1000, Deduct	-2.01	
	05MOD-0021		For > 1000, Deduct	-2.72	
	05MOD-0022		For 316 Stainless Steel, Add	14.53	
	05MOD-0023		For Aluminum, Add	0.82	
	05MOD-0024		For Galvanized Steel, Add	2.81	
	05MOD-0159		For 304 Stainless Steel, Add	12.94	
05410-0077	LF		C8 x 11.5 - 8" Wide (Channels)	18.39	9.80
	05MOD-0018		For > 100 To 250, Deduct	-0.98	
	05MOD-0019		For > 250 To 500, Deduct	-1.44	
	05MOD-0020		For > 500 To 1000, Deduct	-2.23	
	05MOD-0021		For > 1000, Deduct	-3.01	
	05MOD-0022		For 316 Stainless Steel, Add	17.02	
	05MOD-0023		For Aluminum, Add	0.96	
	05MOD-0024		For Galvanized Steel, Add	3.30	
	05MOD-0159		For 304 Stainless Steel, Add	15.16	
05410-0078			Structural Bar Tees (05410-0001)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0079	LF 3/4" x 3/4" x 1/8" Structural Bar Tee	3.94	2.27
	05MOD-0018 For > 100 To 250, Deduct	-0.23	
	05MOD-0019 For > 250 To 500, Deduct	-0.33	
	05MOD-0020 For > 500 To 1000, Deduct	-0.50	
	05MOD-0021 For > 1000, Deduct	-0.67	
	05MOD-0022 For 316 Stainless Steel, Add	2.94	
	05MOD-0023 For Aluminum, Add	0.17	
	05MOD-0024 For Galvanized Steel, Add	0.57	
	05MOD-0159 For 304 Stainless Steel, Add	2.62	
05410-0080	LF 1" x 1" x 1/8" Structural Bar Tee	4.64	2.67
	05MOD-0018 For > 100 To 250, Deduct	-0.27	
	05MOD-0019 For > 250 To 500, Deduct	-0.38	
	05MOD-0020 For > 500 To 1000, Deduct	-0.59	
	05MOD-0021 For > 1000, Deduct	-0.79	
	05MOD-0022 For 316 Stainless Steel, Add	3.46	
	05MOD-0023 For Aluminum, Add	0.19	
	05MOD-0024 For Galvanized Steel, Add	0.67	
	05MOD-0159 For 304 Stainless Steel, Add	3.08	
05410-0081	LF 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	8.28	3.09
	05MOD-0018 For > 100 To 250, Deduct	-0.31	
	05MOD-0019 For > 250 To 500, Deduct	-0.52	
	05MOD-0020 For > 500 To 1000, Deduct	-0.83	
	05MOD-0021 For > 1000, Deduct	-1.14	
	05MOD-0022 For 316 Stainless Steel, Add	13.31	
	05MOD-0023 For Aluminum, Add	0.75	
	05MOD-0024 For Galvanized Steel, Add	2.58	
	05MOD-0159 For 304 Stainless Steel, Add	11.86	
05410-0082	LF 2" x 2" x 1/4" Structural Bar Tee	10.81	4.04
	05MOD-0018 For > 100 To 250, Deduct	-0.40	
	05MOD-0019 For > 250 To 500, Deduct	-0.67	
	05MOD-0020 For > 500 To 1000, Deduct	-1.08	
	05MOD-0021 For > 1000, Deduct	-1.48	
	05MOD-0022 For 316 Stainless Steel, Add	17.34	
	05MOD-0023 For Aluminum, Add	0.98	
	05MOD-0024 For Galvanized Steel, Add	3.36	
	05MOD-0159 For 304 Stainless Steel, Add	15.45	
05410-0083	LF 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	16.16	4.87
	05MOD-0018 For > 100 To 250, Deduct	-0.49	
	05MOD-0019 For > 250 To 500, Deduct	-0.89	
	05MOD-0020 For > 500 To 1000, Deduct	-1.46	
	05MOD-0021 For > 1000, Deduct	-2.02	
	05MOD-0022 For 316 Stainless Steel, Add	30.91	
	05MOD-0023 For Aluminum, Add	1.74	
	05MOD-0024 For Galvanized Steel, Add	5.99	
	05MOD-0159 For 304 Stainless Steel, Add	27.53	
05410-0084	LF 3" x 3" x 3/8" Structural Bar Tee	20.08	6.23
	05MOD-0018 For > 100 To 250, Deduct	-0.62	
	05MOD-0019 For > 250 To 500, Deduct	-1.13	
	05MOD-0020 For > 500 To 1000, Deduct	-1.84	
	05MOD-0021 For > 1000, Deduct	-2.55	
	05MOD-0022 For 316 Stainless Steel, Add	37.63	
	05MOD-0023 For Aluminum, Add	2.12	
	05MOD-0024 For Galvanized Steel, Add	7.29	
	05MOD-0159 For 304 Stainless Steel, Add	33.52	
05410-0085	Structural Zees (05410-0001)		
05410-0086	LF 1-1/4" x 1-3/4" x 1-3/4" Structural Zee	8.32	3.09
	05MOD-0018 For > 100 To 250, Deduct	-0.31	
	05MOD-0019 For > 250 To 500, Deduct	-0.52	
	05MOD-0020 For > 500 To 1000, Deduct	-0.83	
	05MOD-0021 For > 1000, Deduct	-1.14	
	05MOD-0022 For 316 Stainless Steel, Add	13.44	
	05MOD-0023 For Aluminum, Add	0.76	
	05MOD-0024 For Galvanized Steel, Add	2.60	
	05MOD-0159 For 304 Stainless Steel, Add	11.97	
05410-0087	LF 2-11/16" x 3" x 2-11/16" Structural Zee	12.26	3.69
	05MOD-0018 For > 100 To 250, Deduct	-0.37	
	05MOD-0019 For > 250 To 500, Deduct	-0.67	
	05MOD-0020 For > 500 To 1000, Deduct	-1.10	
	05MOD-0021 For > 1000, Deduct	-1.53	
	05MOD-0022 For 316 Stainless Steel, Add	23.52	
	05MOD-0023 For Aluminum, Add	1.32	
	05MOD-0024 For Galvanized Steel, Add	4.56	
	05MOD-0159 For 304 Stainless Steel, Add	20.95	
05410-0088	LF 3-1/16" x 4" x 3-1/16" Structural Zee	17.88	4.16
	05MOD-0018 For > 100 To 250, Deduct	-0.42	
	05MOD-0019 For > 250 To 500, Deduct	-0.86	
	05MOD-0020 For > 500 To 1000, Deduct	-1.45	
	05MOD-0021 For > 1000, Deduct	-2.03	
	05MOD-0022 For 316 Stainless Steel, Add	39.46	
	05MOD-0023 For Aluminum, Add	2.22	
	05MOD-0024 For Galvanized Steel, Add	7.64	
	05MOD-0159 For 304 Stainless Steel, Add	35.14	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0089	LF		3-1/4" x 5" x 3-1/4" Structural Zee.....	23.78	4.75
	05MOD-0018		For > 100 To 250, Deduct	-0.47	
	05MOD-0019		For > 250 To 500, Deduct	-1.07	
	05MOD-0020		For > 500 To 1000, Deduct	-1.82	
	05MOD-0021		For > 1000, Deduct	-2.57	
	05MOD-0022		For 316 Stainless Steel, Add	55.84	
	05MOD-0023		For Aluminum, Add	3.14	
	05MOD-0024		For Galvanized Steel, Add	10.82	
	05MOD-0159		For 304 Stainless Steel, Add	49.73	
05410-0090	LF		3-1/2" x 6" x 3-1/2" Structural Zee.....	30.44	5.17
	05MOD-0018		For > 100 To 250, Deduct	-0.52	
	05MOD-0019		For > 250 To 500, Deduct	-1.28	
	05MOD-0020		For > 500 To 1000, Deduct	-2.21	
	05MOD-0021		For > 1000, Deduct	-3.14	
	05MOD-0022		For 316 Stainless Steel, Add	75.36	
	05MOD-0023		For Aluminum, Add	4.24	
	05MOD-0024		For Galvanized Steel, Add	14.60	
	05MOD-0159		For 304 Stainless Steel, Add	67.12	
05410-0091			Junior I-Beams (05410-0001)		
05410-0092	LF		3" I-Beam (Junior), 5.7# Per LF.....	9.09	4.45
	05MOD-0018		For > 100 To 250, Deduct	-0.45	
	05MOD-0019		For > 250 To 500, Deduct	-0.67	
	05MOD-0020		For > 500 To 1000, Deduct	-1.05	
	05MOD-0021		For > 1000, Deduct	-1.42	
	05MOD-0022		For 316 Stainless Steel, Add	10.08	
	05MOD-0023		For Aluminum, Add	0.57	
	05MOD-0024		For Galvanized Steel, Add	1.95	
	05MOD-0159		For 304 Stainless Steel, Add	8.98	
05410-0093	LF		4" I-Beam (Junior), 7.7# Per LF.....	10.91	4.87
	05MOD-0018		For > 100 To 250, Deduct	-0.49	
	05MOD-0019		For > 250 To 500, Deduct	-0.76	
	05MOD-0020		For > 500 To 1000, Deduct	-1.20	
	05MOD-0021		For > 1000, Deduct	-1.63	
	05MOD-0022		For 316 Stainless Steel, Add	14.11	
	05MOD-0023		For Aluminum, Add	0.79	
	05MOD-0024		For Galvanized Steel, Add	2.73	
	05MOD-0159		For 304 Stainless Steel, Add	12.57	
05410-0094	LF		5" I-Beam (Junior), 10# Per LF.....	13.40	5.35
	05MOD-0018		For > 100 To 250, Deduct	-0.53	
	05MOD-0019		For > 250 To 500, Deduct	-0.87	
	05MOD-0020		For > 500 To 1000, Deduct	-1.38	
	05MOD-0021		For > 1000, Deduct	-1.90	
	05MOD-0022		For 316 Stainless Steel, Add	20.06	
	05MOD-0023		For Aluminum, Add	1.13	
	05MOD-0024		For Galvanized Steel, Add	3.89	
	05MOD-0159		For 304 Stainless Steel, Add	17.87	
05410-0095	LF		6" I-Beam (Junior), 12.5# Per LF.....	14.81	5.82
	05MOD-0018		For > 100 To 250, Deduct	-0.58	
	05MOD-0019		For > 250 To 500, Deduct	-0.95	
	05MOD-0020		For > 500 To 1000, Deduct	-1.52	
	05MOD-0021		For > 1000, Deduct	-2.08	
	05MOD-0022		For 316 Stainless Steel, Add	22.56	
	05MOD-0023		For Aluminum, Add	1.27	
	05MOD-0024		For Galvanized Steel, Add	4.37	
	05MOD-0159		For 304 Stainless Steel, Add	20.09	
05410-0096	LF		7" I-Beam (Junior), 15.3# Per LF.....	19.06	6.23
	05MOD-0018		For > 100 To 250, Deduct	-0.62	
	05MOD-0019		For > 250 To 500, Deduct	-1.10	
	05MOD-0020		For > 500 To 1000, Deduct	-1.79	
	05MOD-0021		For > 1000, Deduct	-2.47	
	05MOD-0022		For 316 Stainless Steel, Add	34.37	
	05MOD-0023		For Aluminum, Add	1.93	
	05MOD-0024		For Galvanized Steel, Add	6.66	
	05MOD-0159		For 304 Stainless Steel, Add	30.61	
05410-0097	LF		8" I-Beam (Junior), 18.4# Per LF.....	20.76	6.66
	05MOD-0018		For > 100 To 250, Deduct	-0.67	
	05MOD-0019		For > 250 To 500, Deduct	-1.18	
	05MOD-0020		For > 500 To 1000, Deduct	-1.93	
	05MOD-0021		For > 1000, Deduct	-2.67	
	05MOD-0022		For 316 Stainless Steel, Add	38.05	
	05MOD-0023		For Aluminum, Add	2.14	
	05MOD-0024		For Galvanized Steel, Add	7.37	
	05MOD-0159		For 304 Stainless Steel, Add	33.89	
05410-0098			Round Stock (05410-0001)		
05410-0099	LF		1/4" Carbon Steel Rounds, ASTM A108.....	1.43	
	05MOD-0022		For 316 Stainless Steel, Add	2.02	
	05MOD-0023		For Aluminum, Add	0.11	
	05MOD-0024		For Galvanized Steel, Add	0.39	
	05MOD-0159		For 304 Stainless Steel, Add	1.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0100	LF 3/8" Carbon Steel Rounds, ASTM A108.....	2.15	
	05MOD-0022 For 316 Stainless Steel, Add	4.00	
	05MOD-0023 For Aluminum, Add	0.23	
	05MOD-0024 For Galvanized Steel, Add	0.78	
	05MOD-0159 For 304 Stainless Steel, Add	3.56	
05410-0101	LF 1/2" Carbon Steel Rounds, ASTM A108.....	2.89	
	05MOD-0022 For 316 Stainless Steel, Add	6.08	
	05MOD-0023 For Aluminum, Add	0.34	
	05MOD-0024 For Galvanized Steel, Add	1.18	
	05MOD-0159 For 304 Stainless Steel, Add	5.42	
05410-0102	LF 5/8" Carbon Steel Rounds, ASTM A108.....	4.27	
	05MOD-0022 For 316 Stainless Steel, Add	10.14	
	05MOD-0023 For Aluminum, Add	0.57	
	05MOD-0024 For Galvanized Steel, Add	1.97	
	05MOD-0159 For 304 Stainless Steel, Add	9.03	
05410-0103	LF 3/4" Carbon Steel Rounds, ASTM A108.....	5.08	
	05MOD-0022 For 316 Stainless Steel, Add	12.03	
	05MOD-0023 For Aluminum, Add	0.68	
	05MOD-0024 For Galvanized Steel, Add	2.33	
	05MOD-0159 For 304 Stainless Steel, Add	10.72	
05410-0104	LF 7/8" Carbon Steel Rounds, ASTM A108.....	5.91	
	05MOD-0022 For 316 Stainless Steel, Add	14.05	
	05MOD-0023 For Aluminum, Add	0.79	
	05MOD-0024 For Galvanized Steel, Add	2.72	
	05MOD-0159 For 304 Stainless Steel, Add	12.51	
05410-0105	LF 1" Carbon Steel Rounds, ASTM A108.....	8.50	
	05MOD-0022 For 316 Stainless Steel, Add	21.44	
	05MOD-0023 For Aluminum, Add	1.21	
	05MOD-0024 For Galvanized Steel, Add	4.15	
	05MOD-0159 For 304 Stainless Steel, Add	19.10	
05410-0106	LF 1-1/8" Carbon Steel Rounds, ASTM A108.....	10.34	
	05MOD-0022 For 316 Stainless Steel, Add	26.05	
	05MOD-0023 For Aluminum, Add	1.47	
	05MOD-0024 For Galvanized Steel, Add	5.05	
	05MOD-0159 For 304 Stainless Steel, Add	23.20	
05410-0107	LF 1-1/4" Carbon Steel Rounds, ASTM A108.....	12.41	
	05MOD-0022 For 316 Stainless Steel, Add	30.66	
	05MOD-0023 For Aluminum, Add	1.72	
	05MOD-0024 For Galvanized Steel, Add	5.94	
	05MOD-0159 For 304 Stainless Steel, Add	27.30	
05410-0108	LF 1-3/8" Carbon Steel Rounds, ASTM A108.....	14.99	
	05MOD-0022 For 316 Stainless Steel, Add	37.41	
	05MOD-0023 For Aluminum, Add	2.10	
	05MOD-0024 For Galvanized Steel, Add	7.25	
	05MOD-0159 For 304 Stainless Steel, Add	33.32	
05410-0109	LF 1-1/2" Carbon Steel Rounds, ASTM A108.....	16.78	
	05MOD-0022 For 316 Stainless Steel, Add	41.02	
	05MOD-0023 For Aluminum, Add	2.31	
	05MOD-0024 For Galvanized Steel, Add	7.95	
	05MOD-0159 For 304 Stainless Steel, Add	36.54	
05410-0110	LF 1-5/8" Carbon Steel Rounds, ASTM A108.....	19.48	
	05MOD-0022 For 316 Stainless Steel, Add	46.50	
	05MOD-0023 For Aluminum, Add	2.62	
	05MOD-0024 For Galvanized Steel, Add	9.01	
	05MOD-0159 For 304 Stainless Steel, Add	41.41	
05410-0111	LF 1-3/4" Carbon Steel Rounds, ASTM A108.....	23.51	
	05MOD-0022 For 316 Stainless Steel, Add	54.11	
	05MOD-0023 For Aluminum, Add	3.04	
	05MOD-0024 For Galvanized Steel, Add	10.48	
	05MOD-0159 For 304 Stainless Steel, Add	48.19	
05410-0112	LF 1-7/8" Carbon Steel Rounds, ASTM A108.....	28.52	
	05MOD-0022 For 316 Stainless Steel, Add	63.39	
	05MOD-0023 For Aluminum, Add	3.57	
	05MOD-0024 For Galvanized Steel, Add	12.28	
	05MOD-0159 For 304 Stainless Steel, Add	56.46	
05410-0113	LF 2" Carbon Steel Rounds, ASTM A108.....	32.81	
	05MOD-0022 For 316 Stainless Steel, Add	70.50	
	05MOD-0023 For Aluminum, Add	3.97	
	05MOD-0024 For Galvanized Steel, Add	13.66	
	05MOD-0159 For 304 Stainless Steel, Add	62.79	
05410-0114	LF 2-1/8" Carbon Steel Rounds, ASTM A108.....	38.54	
	05MOD-0022 For 316 Stainless Steel, Add	80.51	
	05MOD-0023 For Aluminum, Add	4.53	
	05MOD-0024 For Galvanized Steel, Add	15.60	
	05MOD-0159 For 304 Stainless Steel, Add	71.71	
05410-0115	LF 2-1/4" Carbon Steel Rounds, ASTM A108.....	43.68	
	05MOD-0022 For 316 Stainless Steel, Add	90.53	
	05MOD-0023 For Aluminum, Add	5.09	
	05MOD-0024 For Galvanized Steel, Add	17.54	
	05MOD-0159 For 304 Stainless Steel, Add	80.63	
05410-0116	LF 2-3/8" Carbon Steel Rounds, ASTM A108.....	50.05	
	05MOD-0022 For 316 Stainless Steel, Add	103.55	
	05MOD-0023 For Aluminum, Add	5.82	
	05MOD-0024 For Galvanized Steel, Add	20.06	
	05MOD-0159 For 304 Stainless Steel, Add	92.23	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0117	LF	2-1/2" Carbon Steel Rounds, ASTM A108.....	55.64	
	05MOD-0022	For 316 Stainless Steel, Add	111.58	
	05MOD-0023	For Aluminum, Add	6.28	
	05MOD-0024	For Galvanized Steel, Add	21.62	
	05MOD-0159	For 304 Stainless Steel, Add	99.38	
05410-0118	LF	2-5/8" Carbon Steel Rounds, ASTM A108.....	67.36	
	05MOD-0022	For 316 Stainless Steel, Add	141.73	
	05MOD-0023	For Aluminum, Add	7.97	
	05MOD-0024	For Galvanized Steel, Add	27.46	
	05MOD-0159	For 304 Stainless Steel, Add	126.23	
05410-0119	LF	2-3/4" Carbon Steel Rounds, ASTM A108.....	76.67	
	05MOD-0022	For 316 Stainless Steel, Add	161.63	
	05MOD-0023	For Aluminum, Add	9.09	
	05MOD-0024	For Galvanized Steel, Add	31.32	
	05MOD-0159	For 304 Stainless Steel, Add	143.95	
05410-0120	LF	2-7/8" Carbon Steel Rounds, ASTM A108.....	85.53	
	05MOD-0022	For 316 Stainless Steel, Add	180.13	
	05MOD-0023	For Aluminum, Add	10.13	
	05MOD-0024	For Galvanized Steel, Add	34.90	
	05MOD-0159	For 304 Stainless Steel, Add	160.43	
05410-0121	LF	3" Carbon Steel Rounds, ASTM A108.....	90.30	
	05MOD-0022	For 316 Stainless Steel, Add	185.54	
	05MOD-0023	For Aluminum, Add	10.44	
	05MOD-0024	For Galvanized Steel, Add	35.95	
	05MOD-0159	For 304 Stainless Steel, Add	165.24	
05410-0122	LF	3-1/8" Carbon Steel Rounds, ASTM A108.....	94.65	
	05MOD-0022	For 316 Stainless Steel, Add	189.63	
	05MOD-0023	For Aluminum, Add	10.67	
	05MOD-0024	For Galvanized Steel, Add	36.74	
	05MOD-0159	For 304 Stainless Steel, Add	168.89	
05410-0123	LF	3-1/4" Carbon Steel Rounds, ASTM A108.....	100.15	
	05MOD-0022	For 316 Stainless Steel, Add	197.38	
	05MOD-0023	For Aluminum, Add	11.10	
	05MOD-0024	For Galvanized Steel, Add	38.24	
	05MOD-0159	For 304 Stainless Steel, Add	175.79	
05410-0124	LF	3-1/2" Carbon Steel Rounds, ASTM A108.....	120.58	
	05MOD-0022	For 316 Stainless Steel, Add	250.43	
	05MOD-0023	For Aluminum, Add	14.09	
	05MOD-0024	For Galvanized Steel, Add	48.52	
	05MOD-0159	For 304 Stainless Steel, Add	223.04	
05410-0125	LF	3-5/8" Carbon Steel Rounds, ASTM A108.....	133.71	
	05MOD-0022	For 316 Stainless Steel, Add	280.16	
	05MOD-0023	For Aluminum, Add	15.76	
	05MOD-0024	For Galvanized Steel, Add	54.28	
	05MOD-0159	For 304 Stainless Steel, Add	249.52	
05410-0126	LF	3-3/4" Carbon Steel Rounds, ASTM A108.....	143.66	
	05MOD-0022	For 316 Stainless Steel, Add	299.68	
	05MOD-0023	For Aluminum, Add	16.86	
	05MOD-0024	For Galvanized Steel, Add	58.06	
	05MOD-0159	For 304 Stainless Steel, Add	266.90	
05410-0127	LF	4" Carbon Steel Rounds, ASTM A108.....	160.49	
	05MOD-0022	For 316 Stainless Steel, Add	341.22	
	05MOD-0023	For Aluminum, Add	19.19	
	05MOD-0024	For Galvanized Steel, Add	66.11	
	05MOD-0159	For 304 Stainless Steel, Add	303.90	
05410-0128		Formed Steel (05410-0001)		
05410-0129		3-1/2", 12 Gauge (05410-0128)		
05410-0130	EA	3-1/2" x 2.5' Long Steel Lintel (12 Gauge Formed Steel).....	18.28	
	05MOD-0022	For 316 Stainless Steel, Add	18.43	
	05MOD-0024	For Galvanized Steel, Add	3.57	
	05MOD-0159	For 304 Stainless Steel, Add	16.42	
05410-0131	EA	3-1/2" x 4.5' Long Steel Lintel (12 Gauge Formed Steel).....	41.21	
	05MOD-0022	For 316 Stainless Steel, Add	87.33	
	05MOD-0024	For Galvanized Steel, Add	16.92	
	05MOD-0159	For 304 Stainless Steel, Add	77.78	
05410-0132		4-1/2" x 3-1/2", 9 Gauge (05410-0128)		
05410-0133	EA	4-1/2" x 3-1/2" x 5' Steel Lintel (9 Gauge Formed Steel).....	44.89	
	05MOD-0022	For 316 Stainless Steel, Add	93.54	
	05MOD-0024	For Galvanized Steel, Add	18.12	
	05MOD-0159	For 304 Stainless Steel, Add	83.31	
05410-0134	EA	4-1/2" x 3-1/2" x 9' Steel Lintel (9 Gauge Formed Steel).....	79.28	
	05MOD-0022	For 316 Stainless Steel, Add	196.45	
	05MOD-0024	For Galvanized Steel, Add	38.06	
	05MOD-0159	For 304 Stainless Steel, Add	174.96	
05410-0135		Steel Tubing (05410-0001)		
		Note: General Purpose Low-Carbon Steel		
05410-0136		Square Steel Tubing (05410-0135)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0137 0.06" Wall Thickness <small>(05410-0136)</small>		
05410-0138 LF 1/2" x 1/2" x 0.06" Square Steel Tubing.....	1.76	0.42
05MOD-0018 For > 100 To 250, Deduct	-0.04	
05MOD-0019 For > 250 To 500, Deduct	-0.09	
05MOD-0020 For > 500 To 1000, Deduct	-0.14	
05MOD-0021 For > 1000, Deduct	-0.20	
05MOD-0024 For Galvanized Steel, Add	0.74	
05410-0139 LF 3/4" x 3/4" x 0.06" Square Steel Tubing.....	2.72	0.67
05MOD-0018 For > 100 To 250, Deduct	-0.07	
05MOD-0019 For > 250 To 500, Deduct	-0.14	
05MOD-0020 For > 500 To 1000, Deduct	-0.23	
05MOD-0021 For > 1000, Deduct	-0.32	
05MOD-0024 For Galvanized Steel, Add	1.13	
05410-0140 LF 1" x 1" x 0.06" Square Steel Tubing.....	3.66	1.22
05MOD-0018 For > 100 To 250, Deduct	-0.09	
05MOD-0019 For > 250 To 500, Deduct	-0.18	
05MOD-0020 For > 500 To 1000, Deduct	-0.31	
05MOD-0021 For > 1000, Deduct	-0.43	
05MOD-0024 For Galvanized Steel, Add	1.51	
05410-0141 LF 1-1/4" x 1-1/4" x 0.06" Square Steel Tubing.....	4.82	1.16
05MOD-0018 For > 100 To 250, Deduct	-0.12	
05MOD-0019 For > 250 To 500, Deduct	-0.24	
05MOD-0020 For > 500 To 1000, Deduct	-0.40	
05MOD-0021 For > 1000, Deduct	-0.55	
05MOD-0024 For Galvanized Steel, Add	2.03	
05410-0142 LF 1-1/2" x 1-1/2" x 0.06" Square Steel Tubing.....	5.72	1.40
05MOD-0018 For > 100 To 250, Deduct	-0.14	
05MOD-0019 For > 250 To 500, Deduct	-0.28	
05MOD-0020 For > 500 To 1000, Deduct	-0.47	
05MOD-0021 For > 1000, Deduct	-0.66	
05MOD-0024 For Galvanized Steel, Add	2.39	
05410-0143 0.083" Wall Thickness <small>(05410-0136)</small>		
05410-0144 LF 3/4" x 3/4" x 0.083" Square Steel Tubing.....	3.17	0.79
05MOD-0018 For > 100 To 250, Deduct	-0.08	
05MOD-0019 For > 250 To 500, Deduct	-0.16	
05MOD-0020 For > 500 To 1000, Deduct	-0.26	
05MOD-0021 For > 1000, Deduct	-0.37	
05MOD-0024 For Galvanized Steel, Add	1.31	
05410-0145 LF 1" x 1" x 0.083" Square Steel Tubing.....	4.60	1.08
05MOD-0018 For > 100 To 250, Deduct	-0.11	
05MOD-0019 For > 250 To 500, Deduct	-0.22	
05MOD-0020 For > 500 To 1000, Deduct	-0.37	
05MOD-0021 For > 1000, Deduct	-0.53	
05MOD-0024 For Galvanized Steel, Add	1.96	
05410-0146 LF 1-1/4" x 1-1/4" x 0.083" Square Steel Tubing.....	5.55	1.37
05MOD-0018 For > 100 To 250, Deduct	-0.14	
05MOD-0019 For > 250 To 500, Deduct	-0.28	
05MOD-0020 For > 500 To 1000, Deduct	-0.46	
05MOD-0021 For > 1000, Deduct	-0.64	
05MOD-0024 For Galvanized Steel, Add	2.31	
05410-0147 LF 1-1/2" x 1-1/2" x 0.083" Square Steel Tubing.....	6.73	1.66
05MOD-0018 For > 100 To 250, Deduct	-0.17	
05MOD-0019 For > 250 To 500, Deduct	-0.33	
05MOD-0020 For > 500 To 1000, Deduct	-0.56	
05MOD-0021 For > 1000, Deduct	-0.78	
05MOD-0024 For Galvanized Steel, Add	2.80	
05410-0148 LF 2" x 2" x 0.083" Square Steel Tubing.....	8.63	2.22
05MOD-0018 For > 100 To 250, Deduct	-0.22	
05MOD-0019 For > 250 To 500, Deduct	-0.44	
05MOD-0020 For > 500 To 1000, Deduct	-0.73	
05MOD-0021 For > 1000, Deduct	-1.02	
05MOD-0024 For Galvanized Steel, Add	3.52	
05410-0149 0.12" Wall Thickness <small>(05410-0136)</small>		
05410-0150 LF 1" x 1" x 0.12" Square Steel Tubing.....	5.08	1.28
05MOD-0018 For > 100 To 250, Deduct	-0.13	
05MOD-0019 For > 250 To 500, Deduct	-0.26	
05MOD-0020 For > 500 To 1000, Deduct	-0.43	
05MOD-0021 For > 1000, Deduct	-0.59	
05MOD-0024 For Galvanized Steel, Add	2.09	
05410-0151 LF 1-1/4" x 1-1/4" x 0.12" Square Steel Tubing.....	6.55	1.64
05MOD-0018 For > 100 To 250, Deduct	-0.17	
05MOD-0019 For > 250 To 500, Deduct	-0.33	
05MOD-0020 For > 500 To 1000, Deduct	-0.55	
05MOD-0021 For > 1000, Deduct	-0.77	
05MOD-0024 For Galvanized Steel, Add	2.70	
05410-0152 LF 1-1/2" x 1-1/2" x 0.12" Square Steel Tubing.....	8.03	2.00
05MOD-0018 For > 100 To 250, Deduct	-0.20	
05MOD-0019 For > 250 To 500, Deduct	-0.40	
05MOD-0020 For > 500 To 1000, Deduct	-0.67	
05MOD-0021 For > 1000, Deduct	-0.94	
05MOD-0024 For Galvanized Steel, Add	3.32	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0153	LF	2" x 2" x 0.12"	Square Steel Tubing.....	10.88	2.74
	05MOD-0018		For > 100 To 250, Deduct	-0.27	
	05MOD-0019		For > 250 To 500, Deduct	-0.55	
	05MOD-0020		For > 500 To 1000, Deduct	-0.91	
	05MOD-0021		For > 1000, Deduct	-1.27	
	05MOD-0024		For Galvanized Steel, Add	4.48	
05410-0154		1/8" Wall Thickness	<small>(05410-0136)</small>		
05410-0155	LF	2" x 2" x 1/8"	Square Steel Tubing.....	9.81	2.84
	05MOD-0018		For > 100 To 250, Deduct	-0.28	
	05MOD-0019		For > 250 To 500, Deduct	-0.53	
	05MOD-0020		For > 500 To 1000, Deduct	-0.87	
	05MOD-0021		For > 1000, Deduct	-1.21	
	05MOD-0024		For Galvanized Steel, Add	3.73	
05410-0156	LF	2-1/2" x 2-1/2" x 1/8"	Square Steel Tubing.....	12.94	3.61
	05MOD-0018		For > 100 To 250, Deduct	-0.36	
	05MOD-0019		For > 250 To 500, Deduct	-0.68	
	05MOD-0020		For > 500 To 1000, Deduct	-1.13	
	05MOD-0021		For > 1000, Deduct	-1.57	
	05MOD-0024		For Galvanized Steel, Add	5.05	
05410-0157	LF	3" x 3" x 1/8"	Square Steel Tubing.....	15.16	4.36
	05MOD-0018		For > 100 To 250, Deduct	-0.44	
	05MOD-0019		For > 250 To 500, Deduct	-0.81	
	05MOD-0020		For > 500 To 1000, Deduct	-1.34	
	05MOD-0021		For > 1000, Deduct	-1.86	
	05MOD-0024		For Galvanized Steel, Add	5.80	
05410-0158	LF	3-1/2" x 3-1/2" x 1/8"	Square Steel Tubing.....	17.59	5.12
	05MOD-0018		For > 100 To 250, Deduct	-0.51	
	05MOD-0019		For > 250 To 500, Deduct	-0.95	
	05MOD-0020		For > 500 To 1000, Deduct	-1.56	
	05MOD-0021		For > 1000, Deduct	-2.17	
	05MOD-0024		For Galvanized Steel, Add	6.67	
05410-0159	LF	4" x 4" x 1/8"	Square Steel Tubing.....	19.39	5.88
	05MOD-0018		For > 100 To 250, Deduct	-0.59	
	05MOD-0019		For > 250 To 500, Deduct	-1.07	
	05MOD-0020		For > 500 To 1000, Deduct	-1.75	
	05MOD-0021		For > 1000, Deduct	-2.43	
	05MOD-0024		For Galvanized Steel, Add	7.16	
05410-0160		3/16" Wall Thickness	<small>(05410-0136)</small>		
05410-0161	LF	2" x 2" x 3/16"	Square Steel Tubing.....	11.13	3.21
	05MOD-0018		For > 100 To 250, Deduct	-0.32	
	05MOD-0019		For > 250 To 500, Deduct	-0.60	
	05MOD-0020		For > 500 To 1000, Deduct	-0.98	
	05MOD-0021		For > 1000, Deduct	-1.37	
	05MOD-0024		For Galvanized Steel, Add	4.25	
05410-0162	LF	2-1/2" x 2-1/2" x 3/16"	Square Steel Tubing.....	14.41	4.15
	05MOD-0018		For > 100 To 250, Deduct	-0.42	
	05MOD-0019		For > 250 To 500, Deduct	-0.78	
	05MOD-0020		For > 500 To 1000, Deduct	-1.27	
	05MOD-0021		For > 1000, Deduct	-1.77	
	05MOD-0024		For Galvanized Steel, Add	5.50	
05410-0163	LF	3" x 3" x 3/16"	Square Steel Tubing.....	17.70	5.11
	05MOD-0018		For > 100 To 250, Deduct	-0.51	
	05MOD-0019		For > 250 To 500, Deduct	-0.95	
	05MOD-0020		For > 500 To 1000, Deduct	-1.57	
	05MOD-0021		For > 1000, Deduct	-2.18	
	05MOD-0024		For Galvanized Steel, Add	6.76	
05410-0164	LF	3-1/2" x 3-1/2" x 3/16"	Square Steel Tubing.....	21.00	6.05
	05MOD-0018		For > 100 To 250, Deduct	-0.61	
	05MOD-0019		For > 250 To 500, Deduct	-1.13	
	05MOD-0020		For > 500 To 1000, Deduct	-1.86	
	05MOD-0021		For > 1000, Deduct	-2.58	
	05MOD-0024		For Galvanized Steel, Add	8.02	
05410-0165	LF	4" x 4" x 3/16"	Square Steel Tubing.....	24.28	7.00
	05MOD-0018		For > 100 To 250, Deduct	-0.70	
	05MOD-0019		For > 250 To 500, Deduct	-1.31	
	05MOD-0020		For > 500 To 1000, Deduct	-2.15	
	05MOD-0021		For > 1000, Deduct	-2.99	
	05MOD-0024		For Galvanized Steel, Add	9.27	
05410-0166	LF	4-1/2" x 4-1/2" x 3/16"	Square Steel Tubing.....	27.57	7.95
	05MOD-0018		For > 100 To 250, Deduct	-0.79	
	05MOD-0019		For > 250 To 500, Deduct	-1.48	
	05MOD-0020		For > 500 To 1000, Deduct	-2.44	
	05MOD-0021		For > 1000, Deduct	-3.39	
	05MOD-0024		For Galvanized Steel, Add	10.53	
05410-0167	LF	5" x 5" x 3/16"	Square Steel Tubing.....	30.84	8.89
	05MOD-0018		For > 100 To 250, Deduct	-0.89	
	05MOD-0019		For > 250 To 500, Deduct	-1.66	
	05MOD-0020		For > 500 To 1000, Deduct	-2.73	
	05MOD-0021		For > 1000, Deduct	-3.79	
	05MOD-0024		For Galvanized Steel, Add	11.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0168 LF 6" x 6" x 3/16" Square Steel Tubing.....	37.44	10.79
05MOD-0018 For > 100 To 250, Deduct	-1.08	
05MOD-0019 For > 250 To 500, Deduct	-2.02	
05MOD-0020 For > 500 To 1000, Deduct	-3.31	
05MOD-0021 For > 1000, Deduct	-4.61	
05MOD-0024 For Galvanized Steel, Add	14.29	
05410-0169 1/4" Wall Thickness (05410-0136)		
05410-0170 LF 2" x 2" x 1/4" Square Steel Tubing.....	11.87	3.21
05MOD-0018 For > 100 To 250, Deduct	-0.32	
05MOD-0019 For > 250 To 500, Deduct	-0.62	
05MOD-0020 For > 500 To 1000, Deduct	-1.02	
05MOD-0021 For > 1000, Deduct	-1.43	
05MOD-0024 For Galvanized Steel, Add	4.70	
05410-0171 LF 2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	15.59	4.22
05MOD-0018 For > 100 To 250, Deduct	-0.42	
05MOD-0019 For > 250 To 500, Deduct	-0.81	
05MOD-0020 For > 500 To 1000, Deduct	-1.34	
05MOD-0021 For > 1000, Deduct	-1.87	
05MOD-0024 For Galvanized Steel, Add	6.18	
05410-0172 LF 3" x 3" x 1/4" Square Steel Tubing.....	19.32	5.24
05MOD-0018 For > 100 To 250, Deduct	-0.52	
05MOD-0019 For > 250 To 500, Deduct	-1.01	
05MOD-0020 For > 500 To 1000, Deduct	-1.66	
05MOD-0021 For > 1000, Deduct	-2.32	
05MOD-0024 For Galvanized Steel, Add	7.65	
05410-0173 LF 3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	23.05	6.24
05MOD-0018 For > 100 To 250, Deduct	-0.62	
05MOD-0019 For > 250 To 500, Deduct	-1.20	
05MOD-0020 For > 500 To 1000, Deduct	-1.99	
05MOD-0021 For > 1000, Deduct	-2.77	
05MOD-0024 For Galvanized Steel, Add	9.13	
05410-0174 LF 4" x 4" x 1/4" Square Steel Tubing.....	26.77	7.25
05MOD-0018 For > 100 To 250, Deduct	-0.73	
05MOD-0019 For > 250 To 500, Deduct	-1.39	
05MOD-0020 For > 500 To 1000, Deduct	-2.31	
05MOD-0021 For > 1000, Deduct	-3.22	
05MOD-0024 For Galvanized Steel, Add	10.60	
05410-0175 LF 4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	30.50	8.27
05MOD-0018 For > 100 To 250, Deduct	-0.83	
05MOD-0019 For > 250 To 500, Deduct	-1.59	
05MOD-0020 For > 500 To 1000, Deduct	-2.63	
05MOD-0021 For > 1000, Deduct	-3.67	
05MOD-0024 For Galvanized Steel, Add	12.08	
05410-0176 LF 5" x 5" x 1/4" Square Steel Tubing.....	34.25	9.28
05MOD-0018 For > 100 To 250, Deduct	-0.93	
05MOD-0019 For > 250 To 500, Deduct	-1.78	
05MOD-0020 For > 500 To 1000, Deduct	-2.95	
05MOD-0021 For > 1000, Deduct	-4.12	
05MOD-0024 For Galvanized Steel, Add	13.56	
05410-0177 LF 6" x 6" x 1/4" Square Steel Tubing.....	41.70	11.30
05MOD-0018 For > 100 To 250, Deduct	-1.13	
05MOD-0019 For > 250 To 500, Deduct	-2.17	
05MOD-0020 For > 500 To 1000, Deduct	-3.59	
05MOD-0021 For > 1000, Deduct	-5.01	
05MOD-0024 For Galvanized Steel, Add	16.51	
05410-0178 Rectangular Steel Tubing (05410-0135)		
05410-0179 3/16" Wall Thickness (05410-0178)		
05410-0180 LF 3" x 2" x 3/16" Square Steel Tubing.....	14.41	4.15
05MOD-0018 For > 100 To 250, Deduct	-0.42	
05MOD-0019 For > 250 To 500, Deduct	-0.78	
05MOD-0020 For > 500 To 1000, Deduct	-1.27	
05MOD-0021 For > 1000, Deduct	-1.77	
05MOD-0024 For Galvanized Steel, Add	5.50	
05410-0181 LF 4" x 2" x 3/16" Square Steel Tubing.....	17.70	5.11
05MOD-0018 For > 100 To 250, Deduct	-0.51	
05MOD-0019 For > 250 To 500, Deduct	-0.95	
05MOD-0020 For > 500 To 1000, Deduct	-1.57	
05MOD-0021 For > 1000, Deduct	-2.18	
05MOD-0024 For Galvanized Steel, Add	6.76	
05410-0182 LF 4" x 3" x 3/16" Square Steel Tubing.....	21.00	6.05
05MOD-0018 For > 100 To 250, Deduct	-0.61	
05MOD-0019 For > 250 To 500, Deduct	-1.13	
05MOD-0020 For > 500 To 1000, Deduct	-1.86	
05MOD-0021 For > 1000, Deduct	-2.58	
05MOD-0024 For Galvanized Steel, Add	8.02	
05410-0183 LF 5" x 2" x 3/16" Square Steel Tubing.....	21.00	6.05
05MOD-0018 For > 100 To 250, Deduct	-0.61	
05MOD-0019 For > 250 To 500, Deduct	-1.13	
05MOD-0020 For > 500 To 1000, Deduct	-1.86	
05MOD-0021 For > 1000, Deduct	-2.58	
05MOD-0024 For Galvanized Steel, Add	8.02	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0184	LF	5" x 3" x 3/16"	Square Steel Tubing.....	24.28	7.00
	05MOD-0018		For > 100 To 250, Deduct	-0.70	
	05MOD-0019		For > 250 To 500, Deduct	-1.31	
	05MOD-0020		For > 500 To 1000, Deduct	-2.15	
	05MOD-0021		For > 1000, Deduct	-2.99	
	05MOD-0024		For Galvanized Steel, Add	9.27	
05410-0185	LF	5" x 4" x 3/16"	Square Steel Tubing.....	27.57	7.95
	05MOD-0018		For > 100 To 250, Deduct	-0.79	
	05MOD-0019		For > 250 To 500, Deduct	-1.48	
	05MOD-0020		For > 500 To 1000, Deduct	-2.44	
	05MOD-0021		For > 1000, Deduct	-3.39	
	05MOD-0024		For Galvanized Steel, Add	10.53	
05410-0186	LF	6" x 2" x 3/16"	Square Steel Tubing.....	24.28	7.00
	05MOD-0018		For > 100 To 250, Deduct	-0.70	
	05MOD-0019		For > 250 To 500, Deduct	-1.31	
	05MOD-0020		For > 500 To 1000, Deduct	-2.15	
	05MOD-0021		For > 1000, Deduct	-2.99	
	05MOD-0024		For Galvanized Steel, Add	9.27	
05410-0187	LF	6" x 3" x 3/16"	Square Steel Tubing.....	27.57	7.95
	05MOD-0018		For > 100 To 250, Deduct	-0.79	
	05MOD-0019		For > 250 To 500, Deduct	-1.48	
	05MOD-0020		For > 500 To 1000, Deduct	-2.44	
	05MOD-0021		For > 1000, Deduct	-3.39	
	05MOD-0024		For Galvanized Steel, Add	10.53	
05410-0188	LF	6" x 4" x 3/16"	Square Steel Tubing.....	30.84	8.89
	05MOD-0018		For > 100 To 250, Deduct	-0.89	
	05MOD-0019		For > 250 To 500, Deduct	-1.66	
	05MOD-0020		For > 500 To 1000, Deduct	-2.73	
	05MOD-0021		For > 1000, Deduct	-3.79	
	05MOD-0024		For Galvanized Steel, Add	11.77	
05410-0189		1/4" Wall Thickness	<small>(05410-0178)</small>		
05410-0190	LF	3" x 2" x 1/4"	Square Steel Tubing.....	15.59	4.22
	05MOD-0018		For > 100 To 250, Deduct	-0.42	
	05MOD-0019		For > 250 To 500, Deduct	-0.81	
	05MOD-0020		For > 500 To 1000, Deduct	-1.34	
	05MOD-0021		For > 1000, Deduct	-1.87	
	05MOD-0024		For Galvanized Steel, Add	6.18	
05410-0191	LF	4" x 2" x 1/4"	Square Steel Tubing.....	19.32	5.24
	05MOD-0018		For > 100 To 250, Deduct	-0.52	
	05MOD-0019		For > 250 To 500, Deduct	-1.01	
	05MOD-0020		For > 500 To 1000, Deduct	-1.66	
	05MOD-0021		For > 1000, Deduct	-2.32	
	05MOD-0024		For Galvanized Steel, Add	7.65	
05410-0192	LF	4" x 3" x 1/4"	Square Steel Tubing.....	23.05	6.24
	05MOD-0018		For > 100 To 250, Deduct	-0.62	
	05MOD-0019		For > 250 To 500, Deduct	-1.20	
	05MOD-0020		For > 500 To 1000, Deduct	-1.99	
	05MOD-0021		For > 1000, Deduct	-2.77	
	05MOD-0024		For Galvanized Steel, Add	9.13	
05410-0193	LF	5" x 2" x 1/4"	Square Steel Tubing.....	23.05	6.24
	05MOD-0018		For > 100 To 250, Deduct	-0.62	
	05MOD-0019		For > 250 To 500, Deduct	-1.20	
	05MOD-0020		For > 500 To 1000, Deduct	-1.99	
	05MOD-0021		For > 1000, Deduct	-2.77	
	05MOD-0024		For Galvanized Steel, Add	9.13	
05410-0194	LF	5" x 3" x 1/4"	Square Steel Tubing.....	26.77	7.25
	05MOD-0018		For > 100 To 250, Deduct	-0.73	
	05MOD-0019		For > 250 To 500, Deduct	-1.39	
	05MOD-0020		For > 500 To 1000, Deduct	-2.31	
	05MOD-0021		For > 1000, Deduct	-3.22	
	05MOD-0024		For Galvanized Steel, Add	10.60	
05410-0195	LF	5" x 4" x 1/4"	Square Steel Tubing.....	30.50	8.27
	05MOD-0018		For > 100 To 250, Deduct	-0.83	
	05MOD-0019		For > 250 To 500, Deduct	-1.59	
	05MOD-0020		For > 500 To 1000, Deduct	-2.63	
	05MOD-0021		For > 1000, Deduct	-3.67	
	05MOD-0024		For Galvanized Steel, Add	12.08	
05410-0196	LF	6" x 2" x 1/4"	Square Steel Tubing.....	26.77	7.25
	05MOD-0018		For > 100 To 250, Deduct	-0.73	
	05MOD-0019		For > 250 To 500, Deduct	-1.39	
	05MOD-0020		For > 500 To 1000, Deduct	-2.31	
	05MOD-0021		For > 1000, Deduct	-3.22	
	05MOD-0024		For Galvanized Steel, Add	10.60	
05410-0197	LF	6" x 3" x 1/4"	Square Steel Tubing.....	30.50	8.27
	05MOD-0018		For > 100 To 250, Deduct	-0.83	
	05MOD-0019		For > 250 To 500, Deduct	-1.59	
	05MOD-0020		For > 500 To 1000, Deduct	-2.63	
	05MOD-0021		For > 1000, Deduct	-3.67	
	05MOD-0024		For Galvanized Steel, Add	12.08	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0198 LF 6" x 4" x 1/4" Square Steel Tubing.....	34.25	9.28
05MOD-0018 For > 100 To 250, Deduct	-0.93	
05MOD-0019 For > 250 To 500, Deduct	-1.78	
05MOD-0020 For > 500 To 1000, Deduct	-2.95	
05MOD-0021 For > 1000, Deduct	-4.12	
05MOD-0024 For Galvanized Steel, Add	13.56	
05410-0199 Round Steel Tubing (05410-0135)		
05410-0200 0.065" Wall Thickness (05410-0199)		
05410-0201 LF 1" Diameter x 0.065" Round Steel Tubing	3.16	0.78
05MOD-0018 For > 100 To 250, Deduct	-0.08	
05MOD-0019 For > 250 To 500, Deduct	-0.16	
05MOD-0020 For > 500 To 1000, Deduct	-0.26	
05MOD-0021 For > 1000, Deduct	-0.37	
05MOD-0024 For Galvanized Steel, Add	1.32	
05410-0202 LF 1-1/4" Diameter x 0.065" Round Steel Tubing	4.00	0.98
05MOD-0018 For > 100 To 250, Deduct	-0.10	
05MOD-0019 For > 250 To 500, Deduct	-0.20	
05MOD-0020 For > 500 To 1000, Deduct	-0.33	
05MOD-0021 For > 1000, Deduct	-0.46	
05MOD-0024 For Galvanized Steel, Add	1.67	
05410-0203 LF 1-1/2" Diameter x 0.065" Round Steel Tubing	4.85	1.19
05MOD-0018 For > 100 To 250, Deduct	-0.12	
05MOD-0019 For > 250 To 500, Deduct	-0.24	
05MOD-0020 For > 500 To 1000, Deduct	-0.40	
05MOD-0021 For > 1000, Deduct	-0.56	
05MOD-0024 For Galvanized Steel, Add	2.03	
05410-0204 LF 2" Diameter x 0.065" Round Steel Tubing	6.53	1.59
05MOD-0018 For > 100 To 250, Deduct	-0.16	
05MOD-0019 For > 250 To 500, Deduct	-0.32	
05MOD-0020 For > 500 To 1000, Deduct	-0.54	
05MOD-0021 For > 1000, Deduct	-0.75	
05MOD-0024 For Galvanized Steel, Add	2.73	
05410-0205 LF 2-1/2" Diameter x 0.065" Round Steel Tubing	8.22	2.00
05MOD-0018 For > 100 To 250, Deduct	-0.20	
05MOD-0019 For > 250 To 500, Deduct	-0.41	
05MOD-0020 For > 500 To 1000, Deduct	-0.68	
05MOD-0021 For > 1000, Deduct	-0.95	
05MOD-0024 For Galvanized Steel, Add	3.43	
05410-0206 LF 3" Diameter x 0.065" Round Steel Tubing	9.90	2.42
05MOD-0018 For > 100 To 250, Deduct	-0.24	
05MOD-0019 For > 250 To 500, Deduct	-0.49	
05MOD-0020 For > 500 To 1000, Deduct	-0.82	
05MOD-0021 For > 1000, Deduct	-1.15	
05MOD-0024 For Galvanized Steel, Add	4.14	
05410-0207 LF 3-1/2" Diameter x 0.065" Round Steel Tubing	11.60	2.83
05MOD-0018 For > 100 To 250, Deduct	-0.28	
05MOD-0019 For > 250 To 500, Deduct	-0.57	
05MOD-0020 For > 500 To 1000, Deduct	-0.96	
05MOD-0021 For > 1000, Deduct	-1.34	
05MOD-0024 For Galvanized Steel, Add	4.85	
05410-0208 LF 4" Diameter x 0.065" Round Steel Tubing	13.29	3.24
05MOD-0018 For > 100 To 250, Deduct	-0.32	
05MOD-0019 For > 250 To 500, Deduct	-0.66	
05MOD-0020 For > 500 To 1000, Deduct	-1.10	
05MOD-0021 For > 1000, Deduct	-1.54	
05MOD-0024 For Galvanized Steel, Add	5.56	
05410-0209 0.083" Wall Thickness (05410-0199)		
05410-0210 LF 1" Diameter x 0.083" Round Steel Tubing	3.43	0.85
05MOD-0018 For > 100 To 250, Deduct	-0.08	
05MOD-0019 For > 250 To 500, Deduct	-0.17	
05MOD-0020 For > 500 To 1000, Deduct	-0.28	
05MOD-0021 For > 1000, Deduct	-0.40	
05MOD-0024 For Galvanized Steel, Add	1.43	
05410-0211 LF 1-1/4" Diameter x 0.083" Round Steel Tubing	4.36	1.08
05MOD-0018 For > 100 To 250, Deduct	-0.11	
05MOD-0019 For > 250 To 500, Deduct	-0.22	
05MOD-0020 For > 500 To 1000, Deduct	-0.36	
05MOD-0021 For > 1000, Deduct	-0.51	
05MOD-0024 For Galvanized Steel, Add	1.82	
05410-0212 LF 1-1/2" Diameter x 0.083" Round Steel Tubing	5.30	1.31
05MOD-0018 For > 100 To 250, Deduct	-0.13	
05MOD-0019 For > 250 To 500, Deduct	-0.26	
05MOD-0020 For > 500 To 1000, Deduct	-0.44	
05MOD-0021 For > 1000, Deduct	-0.62	
05MOD-0024 For Galvanized Steel, Add	2.21	
05410-0213 LF 2" Diameter x 0.083" Round Steel Tubing	7.17	1.76
05MOD-0018 For > 100 To 250, Deduct	-0.18	
05MOD-0019 For > 250 To 500, Deduct	-0.36	
05MOD-0020 For > 500 To 1000, Deduct	-0.59	
05MOD-0021 For > 1000, Deduct	-0.83	
05MOD-0024 For Galvanized Steel, Add	2.98	

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0214	LF		2-1/2" Diameter x 0.083" Round Steel Tubing	9.04	2.23
	05MOD-0018		For > 100 To 250, Deduct	-0.22	
	05MOD-0019		For > 250 To 500, Deduct	-0.45	
	05MOD-0020		For > 500 To 1000, Deduct	-0.75	
	05MOD-0021		For > 1000, Deduct	-1.05	
	05MOD-0024		For Galvanized Steel, Add	3.76	
05410-0215	LF		3" Diameter x 0.083" Round Steel Tubing	10.92	2.69
	05MOD-0018		For > 100 To 250, Deduct	-0.27	
	05MOD-0019		For > 250 To 500, Deduct	-0.54	
	05MOD-0020		For > 500 To 1000, Deduct	-0.91	
	05MOD-0021		For > 1000, Deduct	-1.27	
	05MOD-0024		For Galvanized Steel, Add	4.54	
05410-0216	LF		3-1/2" Diameter x 0.083" Round Steel Tubing	12.78	3.15
	05MOD-0018		For > 100 To 250, Deduct	-0.32	
	05MOD-0019		For > 250 To 500, Deduct	-0.63	
	05MOD-0020		For > 500 To 1000, Deduct	-1.06	
	05MOD-0021		For > 1000, Deduct	-1.48	
	05MOD-0024		For Galvanized Steel, Add	5.32	
05410-0217	LF		4" Diameter x 0.083" Round Steel Tubing	14.65	3.61
	05MOD-0018		For > 100 To 250, Deduct	-0.36	
	05MOD-0019		For > 250 To 500, Deduct	-0.73	
	05MOD-0020		For > 500 To 1000, Deduct	-1.21	
	05MOD-0021		For > 1000, Deduct	-1.70	
	05MOD-0024		For Galvanized Steel, Add	6.10	
05410-0218			.125" Wall Thickness (05410-0199)		
05410-0219	LF		2" Diameter x 0.125" Round Steel Tubing	7.69	2.24
	05MOD-0018		For > 100 To 250, Deduct	-0.22	
	05MOD-0019		For > 250 To 500, Deduct	-0.42	
	05MOD-0020		For > 500 To 1000, Deduct	-0.68	
	05MOD-0021		For > 1000, Deduct	-0.95	
	05MOD-0024		For Galvanized Steel, Add	2.93	
05410-0220	LF		2-1/2" Diameter x 0.125" Round Steel Tubing	9.76	2.83
	05MOD-0018		For > 100 To 250, Deduct	-0.28	
	05MOD-0019		For > 250 To 500, Deduct	-0.53	
	05MOD-0020		For > 500 To 1000, Deduct	-0.87	
	05MOD-0021		For > 1000, Deduct	-1.20	
	05MOD-0024		For Galvanized Steel, Add	3.71	
05410-0221	LF		3" Diameter x 0.125" Round Steel Tubing	11.80	3.42
	05MOD-0018		For > 100 To 250, Deduct	-0.34	
	05MOD-0019		For > 250 To 500, Deduct	-0.64	
	05MOD-0020		For > 500 To 1000, Deduct	-1.05	
	05MOD-0021		For > 1000, Deduct	-1.46	
	05MOD-0024		For Galvanized Steel, Add	4.49	
05410-0222	LF		3-1/2" Diameter x 0.125" Round Steel Tubing	13.87	4.02
	05MOD-0018		For > 100 To 250, Deduct	-0.40	
	05MOD-0019		For > 250 To 500, Deduct	-0.75	
	05MOD-0020		For > 500 To 1000, Deduct	-1.23	
	05MOD-0021		For > 1000, Deduct	-1.71	
	05MOD-0024		For Galvanized Steel, Add	5.28	
05410-0223	LF		4" Diameter x 0.125" Round Steel Tubing	15.90	4.61
	05MOD-0018		For > 100 To 250, Deduct	-0.46	
	05MOD-0019		For > 250 To 500, Deduct	-0.86	
	05MOD-0020		For > 500 To 1000, Deduct	-1.41	
	05MOD-0021		For > 1000, Deduct	-1.96	
	05MOD-0024		For Galvanized Steel, Add	6.05	
05410-0224			Flat Steel Bar (05410-0001)		
05410-0225			1/8" Thick (05410-0224)		
05410-0226	LF		1/8" Thick x 1" Wide Flat Steel Bar	2.29	1.11
	05MOD-0022		For 316 Stainless Steel, Add	2.02	
	05MOD-0023		For Aluminum, Add	0.11	
	05MOD-0024		For Galvanized Steel, Add	0.39	
	05MOD-0159		For 304 Stainless Steel, Add	1.80	
05410-0227	LF		1/8" Thick x 2" Wide Flat Steel Bar	3.55	1.66
	05MOD-0022		For 316 Stainless Steel, Add	3.36	
	05MOD-0023		For Aluminum, Add	0.19	
	05MOD-0024		For Galvanized Steel, Add	0.65	
	05MOD-0159		For 304 Stainless Steel, Add	2.99	
05410-0228	LF		1/8" Thick x 4" Wide Flat Steel Bar	5.42	2.35
	05MOD-0022		For 316 Stainless Steel, Add	6.11	
	05MOD-0023		For Aluminum, Add	0.34	
	05MOD-0024		For Galvanized Steel, Add	1.18	
	05MOD-0159		For 304 Stainless Steel, Add	5.44	
05410-0229	LF		1/8" Thick x 6" Wide Flat Steel Bar	7.35	3.18
	05MOD-0022		For 316 Stainless Steel, Add	8.26	
	05MOD-0023		For Aluminum, Add	0.46	
	05MOD-0024		For Galvanized Steel, Add	1.60	
	05MOD-0159		For 304 Stainless Steel, Add	7.35	
05410-0230			3/16" Thick (05410-0224)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0231	LF 3/16" Thick x 1" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	3.02 3.07 0.17 0.60 2.74	1.38
05410-0232	LF 3/16" Thick x 2" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	4.76 5.31 0.30 1.03 4.73	2.06
05410-0233	LF 3/16" Thick x 4" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	6.36 8.96 0.50 1.74 7.98	2.38
05410-0234	LF 3/16" Thick x 6" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	8.81 12.38 0.70 2.40 11.03	3.29
05410-0235	1/4" Thick <small>(05410-0224)</small>		
05410-0236	LF 1/4" Thick x 1" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	3.14 3.04 0.17 0.59 2.71	1.46
05410-0237	LF 1/4" Thick x 2" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	5.20 6.14 0.35 1.19 5.47	2.19
05410-0238	LF 1/4" Thick x 4" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	7.47 11.90 0.67 2.31 10.60	2.50
05410-0239	LF 1/4" Thick x 6" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	10.82 16.86 0.95 3.27 15.02	3.70
05410-0240	3/8" Thick <small>(05410-0224)</small>		
05410-0241	LF 3/8" Thick x 1" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	3.96 4.77 0.27 0.92 4.25	1.64
05410-0242	LF 3/8" Thick x 2" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	6.45 8.80 0.50 1.71 7.84	2.46
05410-0243	LF 3/8" Thick x 4" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	9.71 17.60 0.99 3.41 15.68	2.80
05410-0244	LF 3/8" Thick x 6" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	13.98 24.77 1.39 4.80 22.06	4.15
05410-0245	1/2" Thick <small>(05410-0224)</small>		
05410-0246	LF 1/2" Thick x 1" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	4.62 6.11 0.34 1.18 5.44	1.80
05410-0247	LF 1/2" Thick x 2" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	7.58 11.23 0.63 2.18 10.00	2.71
05410-0248	LF 1/2" Thick x 4" Wide Flat Steel Bar <i>05MOD-0022 For 316 Stainless Steel, Add</i> <i>05MOD-0023 For Aluminum, Add</i> <i>05MOD-0024 For Galvanized Steel, Add</i> <i>05MOD-0159 For 304 Stainless Steel, Add</i>	10.61 19.14 1.08 3.71 17.04	3.08

05000 Metals**05400 Lightweight Metal Framing****05410 Lightweight Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05410-0249	LF		1/2" Thick x 6" Wide Flat Steel Bar	18.79	4.57
	05MOD-0022		For 316 Stainless Steel, Add	38.18	
	05MOD-0023		For Aluminum, Add	2.15	
	05MOD-0024		For Galvanized Steel, Add	7.40	
	05MOD-0159		For 304 Stainless Steel, Add	34.00	
05410-0250			Flat Steel Plate (05410-0001)		
05410-0251	SF		1/8" Thick Flat Steel Plate	11.67	4.77
	05MOD-0022		For 316 Stainless Steel, Add	14.40	
	05MOD-0023		For Aluminum, Add	0.81	
	05MOD-0024		For Galvanized Steel, Add	2.79	
	05MOD-0159		For 304 Stainless Steel, Add	12.83	
05410-0252	SF		3/16" Thick Flat Steel Plate	13.05	4.94
	05MOD-0022		For 316 Stainless Steel, Add	18.02	
	05MOD-0023		For Aluminum, Add	1.01	
	05MOD-0024		For Galvanized Steel, Add	3.49	
	05MOD-0159		For 304 Stainless Steel, Add	16.05	
05410-0253	SF		1/4" Thick Flat Steel Plate	15.50	5.54
	05MOD-0022		For 316 Stainless Steel, Add	22.98	
	05MOD-0023		For Aluminum, Add	1.29	
	05MOD-0024		For Galvanized Steel, Add	4.45	
	05MOD-0159		For 304 Stainless Steel, Add	20.46	
05410-0254	SF		3/8" Thick Flat Steel Plate	20.63	6.23
	05MOD-0022		For 316 Stainless Steel, Add	36.06	
	05MOD-0023		For Aluminum, Add	2.03	
	05MOD-0024		For Galvanized Steel, Add	6.99	
	05MOD-0159		For 304 Stainless Steel, Add	32.12	
05410-0255	SF		1/2" Thick Flat Steel Plate	24.33	6.85
	05MOD-0022		For 316 Stainless Steel, Add	44.93	
	05MOD-0023		For Aluminum, Add	2.53	
	05MOD-0024		For Galvanized Steel, Add	8.70	
	05MOD-0159		For 304 Stainless Steel, Add	40.01	

05500 Metal Fabrication (05500)**05501 Concrete And Masonry Anchors (05500)****05501-0001 Cast In Place Anchors (05501)**

Note: For cast in place installations. Includes nut and washer.

05501-0002 J-Type Anchor Bolts (05501-0001)

See CSI section 03110-0002 for template.

05501-0003	EA		1/2" Diameter x 6" Long, J-Type Anchor Bolt	5.43	
	05MOD-0025		For Galvanized, Add	0.89	
	05MOD-0026		For Stainless Steel, Add	6.20	
	05MOD-0027		For > 10 To 50, Deduct	-0.18	
	05MOD-0028		For > 50 To 100, Deduct	-0.41	
	05MOD-0029		For > 100, Deduct	-0.82	
05501-0004	EA		1/2" Diameter x 12" Long, J-Type Anchor Bolt	6.20	
	05MOD-0025		For Galvanized, Add	1.13	
	05MOD-0026		For Stainless Steel, Add	7.91	
	05MOD-0027		For > 10 To 50, Deduct	-0.20	
	05MOD-0028		For > 50 To 100, Deduct	-0.45	
	05MOD-0029		For > 100, Deduct	-0.90	
05501-0005	EA		1/2" Diameter x 18" Long, J-Type Anchor Bolt	7.38	
	05MOD-0025		For Galvanized, Add	1.56	
	05MOD-0026		For Stainless Steel, Add	10.89	
	05MOD-0027		For > 10 To 50, Deduct	-0.21	
	05MOD-0028		For > 50 To 100, Deduct	-0.50	
	05MOD-0029		For > 100, Deduct	-1.01	
05501-0006	EA		5/8" Diameter x 12" Long, J-Type Anchor Bolt	8.33	
	05MOD-0025		For Galvanized, Add	2.03	
	05MOD-0026		For Stainless Steel, Add	14.21	
	05MOD-0027		For > 10 To 50, Deduct	-0.21	
	05MOD-0028		For > 50 To 100, Deduct	-0.53	
	05MOD-0029		For > 100, Deduct	-1.06	
05501-0007	EA		5/8" Diameter x 18" Long, J-Type Anchor Bolt	10.08	
	05MOD-0025		For Galvanized, Add	2.71	
	05MOD-0026		For Stainless Steel, Add	18.97	
	05MOD-0027		For > 10 To 50, Deduct	-0.23	
	05MOD-0028		For > 50 To 100, Deduct	-0.60	
	05MOD-0029		For > 100, Deduct	-1.20	
05501-0008	EA		5/8" Diameter x 24" Long, J-Type Anchor Bolt	11.32	
	05MOD-0025		For Galvanized, Add	3.10	
	05MOD-0026		For Stainless Steel, Add	21.70	
	05MOD-0027		For > 10 To 50, Deduct	-0.26	
	05MOD-0028		For > 50 To 100, Deduct	-0.67	
	05MOD-0029		For > 100, Deduct	-1.33	
05501-0009	EA		3/4" Diameter x 8" Long, J-Type Anchor Bolt	11.27	
	05MOD-0025		For Galvanized, Add	3.08	
	05MOD-0026		For Stainless Steel, Add	21.53	
	05MOD-0027		For > 10 To 50, Deduct	-0.26	
	05MOD-0028		For > 50 To 100, Deduct	-0.67	
	05MOD-0029		For > 100, Deduct	-1.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0010 EA 3/4" Diameter x 12" Long, J-Type Anchor Bolt.....	12.87	
05MOD-0025 For Galvanized, Add	3.59	
05MOD-0026 For Stainless Steel, Add	25.10	
05MOD-0027 For > 10 To 50, Deduct	-0.29	
05MOD-0028 For > 50 To 100, Deduct	-0.75	
05MOD-0029 For > 100, Deduct	-1.50	
05501-0011 EA 3/4" Diameter x 18" Long, J-Type Anchor Bolt.....	15.59	
05MOD-0025 For Galvanized, Add	4.60	
05MOD-0026 For Stainless Steel, Add	32.17	
05MOD-0027 For > 10 To 50, Deduct	-0.32	
05MOD-0028 For > 50 To 100, Deduct	-0.87	
05MOD-0029 For > 100, Deduct	-1.74	
05501-0012 EA 3/4" Diameter x 24" Long, J-Type Anchor Bolt.....	18.76	
05MOD-0025 For Galvanized, Add	5.79	
05MOD-0026 For Stainless Steel, Add	40.53	
05MOD-0027 For > 10 To 50, Deduct	-0.36	
05MOD-0028 For > 50 To 100, Deduct	-1.01	
05MOD-0029 For > 100, Deduct	-2.02	
05501-0013 EA 7/8" Diameter x 12" Long, J-Type Anchor Bolt.....	14.81	
05MOD-0025 For Galvanized, Add	4.21	
05MOD-0026 For Stainless Steel, Add	29.44	
05MOD-0027 For > 10 To 50, Deduct	-0.32	
05MOD-0028 For > 50 To 100, Deduct	-0.85	
05MOD-0029 For > 100, Deduct	-1.70	
05501-0014 EA 7/8" Diameter x 18" Long, J-Type Anchor Bolt.....	17.39	
05MOD-0025 For Galvanized, Add	5.04	
05MOD-0026 For Stainless Steel, Add	35.25	
05MOD-0027 For > 10 To 50, Deduct	-0.37	
05MOD-0028 For > 50 To 100, Deduct	-0.98	
05MOD-0029 For > 100, Deduct	-1.97	
05501-0015 EA 7/8" Diameter x 24" Long, J-Type Anchor Bolt.....	21.97	
05MOD-0025 For Galvanized, Add	6.72	
05MOD-0026 For Stainless Steel, Add	47.01	
05MOD-0027 For > 10 To 50, Deduct	-0.43	
05MOD-0028 For > 50 To 100, Deduct	-1.19	
05MOD-0029 For > 100, Deduct	-2.38	
05501-0016 EA 1" Diameter x 12" Long, J-Type Anchor Bolt.....	18.20	
05MOD-0025 For Galvanized, Add	5.44	
05MOD-0026 For Stainless Steel, Add	38.08	
05MOD-0027 For > 10 To 50, Deduct	-0.37	
05MOD-0028 For > 50 To 100, Deduct	-1.00	
05MOD-0029 For > 100, Deduct	-2.01	
05501-0017 EA 1" Diameter x 18" Long, J-Type Anchor Bolt.....	21.63	
05MOD-0025 For Galvanized, Add	6.55	
05MOD-0026 For Stainless Steel, Add	45.82	
05MOD-0027 For > 10 To 50, Deduct	-0.43	
05MOD-0028 For > 50 To 100, Deduct	-1.18	
05MOD-0029 For > 100, Deduct	-2.36	
05501-0018 EA 1" Diameter x 24" Long, J-Type Anchor Bolt.....	26.65	
05MOD-0025 For Galvanized, Add	8.21	
05MOD-0026 For Stainless Steel, Add	57.44	
05MOD-0027 For > 10 To 50, Deduct	-0.51	
05MOD-0028 For > 50 To 100, Deduct	-1.43	
05MOD-0029 For > 100, Deduct	-2.87	
05501-0019 EA 1" Diameter x 36" Long, J-Type Anchor Bolt.....	32.87	
05MOD-0025 For Galvanized, Add	10.03	
05MOD-0026 For Stainless Steel, Add	70.21	
05MOD-0027 For > 10 To 50, Deduct	-0.64	
05MOD-0028 For > 50 To 100, Deduct	-1.78	
05MOD-0029 For > 100, Deduct	-3.57	
05501-0020 EA 1-1/8" Diameter x 12" Long, J-Type Anchor Bolt	21.64	
05MOD-0025 For Galvanized, Add	6.80	
05MOD-0026 For Stainless Steel, Add	47.60	
05MOD-0027 For > 10 To 50, Deduct	-0.40	
05MOD-0028 For > 50 To 100, Deduct	-1.14	
05MOD-0029 For > 100, Deduct	-2.29	
05501-0021 EA 1-1/8" Diameter x 18" Long, J-Type Anchor Bolt	25.74	
05MOD-0025 For Galvanized, Add	8.19	
05MOD-0026 For Stainless Steel, Add	57.30	
05MOD-0027 For > 10 To 50, Deduct	-0.47	
05MOD-0028 For > 50 To 100, Deduct	-1.35	
05MOD-0029 For > 100, Deduct	-2.69	
05501-0022 EA 1-1/8" Diameter x 24" Long, J-Type Anchor Bolt	31.77	
05MOD-0025 For Galvanized, Add	10.26	
05MOD-0026 For Stainless Steel, Add	71.82	
05MOD-0027 For > 10 To 50, Deduct	-0.56	
05MOD-0028 For > 50 To 100, Deduct	-1.64	
05MOD-0029 For > 100, Deduct	-3.28	
05501-0023 EA 1-1/8" Diameter x 36" Long, J-Type Anchor Bolt	39.14	
05MOD-0025 For Galvanized, Add	12.54	
05MOD-0026 For Stainless Steel, Add	87.75	
05MOD-0027 For > 10 To 50, Deduct	-0.70	
05MOD-0028 For > 50 To 100, Deduct	-2.03	
05MOD-0029 For > 100, Deduct	-4.07	

05000 Metals**05500 Metal Fabrication****05501 Concrete And Masonry Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0024	EA	1-1/4"	Diameter x 12" Long, J-Type Anchor Bolt.....	25.90	
	05MOD-0025		For Galvanized, Add	8.50	
	05MOD-0026		For Stainless Steel, Add	59.50	
	05MOD-0027		For > 10 To 50, Deduct	-0.45	
	05MOD-0028		For > 50 To 100, Deduct	-1.32	
	05MOD-0029		For > 100, Deduct	-2.63	
05501-0025	EA	1-1/4"	Diameter x 18" Long, J-Type Anchor Bolt.....	30.85	
	05MOD-0025		For Galvanized, Add	10.23	
	05MOD-0026		For Stainless Steel, Add	71.61	
	05MOD-0027		For > 10 To 50, Deduct	-0.52	
	05MOD-0028		For > 50 To 100, Deduct	-1.55	
	05MOD-0029		For > 100, Deduct	-3.10	
05501-0026	EA	1-1/4"	Diameter x 24" Long, J-Type Anchor Bolt.....	38.12	
	05MOD-0025		For Galvanized, Add	12.83	
	05MOD-0026		For Stainless Steel, Add	89.81	
	05MOD-0027		For > 10 To 50, Deduct	-0.62	
	05MOD-0028		For > 50 To 100, Deduct	-1.89	
	05MOD-0029		For > 100, Deduct	-3.78	
05501-0027	EA	1-1/4"	Diameter x 36" Long, J-Type Anchor Bolt.....	46.90	
	05MOD-0025		For Galvanized, Add	15.67	
	05MOD-0026		For Stainless Steel, Add	109.66	
	05MOD-0027		For > 10 To 50, Deduct	-0.78	
	05MOD-0028		For > 50 To 100, Deduct	-2.34	
	05MOD-0029		For > 100, Deduct	-4.68	
05501-0028	EA	1-1/2"	Diameter x 12" Long, J-Type Anchor Bolt.....	31.23	
	05MOD-0025		For Galvanized, Add	10.63	
	05MOD-0026		For Stainless Steel, Add	74.38	
	05MOD-0027		For > 10 To 50, Deduct	-0.50	
	05MOD-0028		For > 50 To 100, Deduct	-1.53	
	05MOD-0029		For > 100, Deduct	-3.06	
05501-0029	EA	1-1/2"	Diameter x 18" Long, J-Type Anchor Bolt.....	37.23	
	05MOD-0025		For Galvanized, Add	12.79	
	05MOD-0026		For Stainless Steel, Add	89.53	
	05MOD-0027		For > 10 To 50, Deduct	-0.58	
	05MOD-0028		For > 50 To 100, Deduct	-1.80	
	05MOD-0029		For > 100, Deduct	-3.61	
05501-0030	EA	1-1/2"	Diameter x 24" Long, J-Type Anchor Bolt.....	46.06	
	05MOD-0025		For Galvanized, Add	16.04	
	05MOD-0026		For Stainless Steel, Add	112.28	
	05MOD-0027		For > 10 To 50, Deduct	-0.70	
	05MOD-0028		For > 50 To 100, Deduct	-2.20	
	05MOD-0029		For > 100, Deduct	-4.40	
05501-0031	EA	1-1/2"	Diameter x 36" Long, J-Type Anchor Bolt.....	56.63	
	05MOD-0025		For Galvanized, Add	19.59	
	05MOD-0026		For Stainless Steel, Add	137.10	
	05MOD-0027		For > 10 To 50, Deduct	-0.87	
	05MOD-0028		For > 50 To 100, Deduct	-2.73	
	05MOD-0029		For > 100, Deduct	-5.45	
05501-0032			L-Type Anchor Bolts <small>(05501-0001)</small>		
			See CSI section 03110-0002 for template.		
05501-0033	EA	3/4"	Diameter x 12" Long, L-Type Anchor Bolt.....	10.40	
	05MOD-0025		For Galvanized, Add	2.35	
	05MOD-0026		For Stainless Steel, Add	16.45	
	05MOD-0027		For > 10 To 50, Deduct	-0.29	
	05MOD-0028		For > 50 To 100, Deduct	-0.69	
	05MOD-0029		For > 100, Deduct	-1.38	
05501-0034	EA	3/4"	Diameter x 18" Long, L-Type Anchor Bolt.....	12.21	
	05MOD-0025		For Galvanized, Add	2.91	
	05MOD-0026		For Stainless Steel, Add	20.34	
	05MOD-0027		For > 10 To 50, Deduct	-0.32	
	05MOD-0028		For > 50 To 100, Deduct	-0.79	
	05MOD-0029		For > 100, Deduct	-1.57	
05501-0035	EA	3/4"	Diameter x 24" Long, L-Type Anchor Bolt.....	13.98	
	05MOD-0025		For Galvanized, Add	3.33	
	05MOD-0026		For Stainless Steel, Add	23.31	
	05MOD-0027		For > 10 To 50, Deduct	-0.37	
	05MOD-0028		For > 50 To 100, Deduct	-0.90	
	05MOD-0029		For > 100, Deduct	-1.80	
05501-0036	EA	3/4"	Diameter x 30" Long, L-Type Anchor Bolt.....	15.46	
	05MOD-0025		For Galvanized, Add	3.46	
	05MOD-0026		For Stainless Steel, Add	24.22	
	05MOD-0027		For > 10 To 50, Deduct	-0.43	
	05MOD-0028		For > 50 To 100, Deduct	-1.03	
	05MOD-0029		For > 100, Deduct	-2.05	
05501-0037	EA	3/4"	Diameter x 36" Long, L-Type Anchor Bolt.....	17.50	
	05MOD-0025		For Galvanized, Add	3.63	
	05MOD-0026		For Stainless Steel, Add	25.41	
	05MOD-0027		For > 10 To 50, Deduct	-0.51	
	05MOD-0028		For > 50 To 100, Deduct	-1.21	
	05MOD-0029		For > 100, Deduct	-2.41	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0038 EA 7/8" Diameter x 12" Long, L-Type Anchor Bolt	12.23	
05MOD-0025 For Galvanized, Add	2.92	
05MOD-0026 For Stainless Steel, Add	20.41	
05MOD-0027 For > 10 To 50, Deduct	-0.32	
05MOD-0028 For > 50 To 100, Deduct	-0.79	
05MOD-0029 For > 100, Deduct	-1.57	
05501-0039 EA 7/8" Diameter x 18" Long, L-Type Anchor Bolt	14.12	
05MOD-0025 For Galvanized, Add	3.40	
05MOD-0026 For Stainless Steel, Add	23.80	
05MOD-0027 For > 10 To 50, Deduct	-0.37	
05MOD-0028 For > 50 To 100, Deduct	-0.90	
05MOD-0029 For > 100, Deduct	-1.80	
05501-0040 EA 7/8" Diameter x 24" Long, L-Type Anchor Bolt	16.33	
05MOD-0025 For Galvanized, Add	3.90	
05MOD-0026 For Stainless Steel, Add	27.27	
05MOD-0027 For > 10 To 50, Deduct	-0.43	
05MOD-0028 For > 50 To 100, Deduct	-1.05	
05MOD-0029 For > 100, Deduct	-2.10	
05501-0041 EA 7/8" Diameter x 30" Long, L-Type Anchor Bolt	18.33	
05MOD-0025 For Galvanized, Add	4.05	
05MOD-0026 For Stainless Steel, Add	28.32	
05MOD-0027 For > 10 To 50, Deduct	-0.51	
05MOD-0028 For > 50 To 100, Deduct	-1.23	
05MOD-0029 For > 100, Deduct	-2.45	
05501-0042 EA 7/8" Diameter x 36" Long, L-Type Anchor Bolt	21.31	
05MOD-0025 For Galvanized, Add	4.25	
05MOD-0026 For Stainless Steel, Add	29.75	
05MOD-0027 For > 10 To 50, Deduct	-0.64	
05MOD-0028 For > 50 To 100, Deduct	-1.49	
05MOD-0029 For > 100, Deduct	-2.99	
05501-0043 EA 1" Diameter x 12" Long, L-Type Anchor Bolt	14.80	
05MOD-0025 For Galvanized, Add	3.74	
05MOD-0026 For Stainless Steel, Add	26.18	
05MOD-0027 For > 10 To 50, Deduct	-0.37	
05MOD-0028 For > 50 To 100, Deduct	-0.92	
05MOD-0029 For > 100, Deduct	-1.84	
05501-0044 EA 1" Diameter x 18" Long, L-Type Anchor Bolt	16.95	
05MOD-0025 For Galvanized, Add	4.21	
05MOD-0026 For Stainless Steel, Add	29.44	
05MOD-0027 For > 10 To 50, Deduct	-0.43	
05MOD-0028 For > 50 To 100, Deduct	-1.06	
05MOD-0029 For > 100, Deduct	-2.13	
05501-0045 EA 1" Diameter x 24" Long, L-Type Anchor Bolt	19.65	
05MOD-0025 For Galvanized, Add	4.71	
05MOD-0026 For Stainless Steel, Add	32.94	
05MOD-0027 For > 10 To 50, Deduct	-0.51	
05MOD-0028 For > 50 To 100, Deduct	-1.26	
05MOD-0029 For > 100, Deduct	-2.52	
05501-0046 EA 1" Diameter x 30" Long, L-Type Anchor Bolt	20.99	
05MOD-0025 For Galvanized, Add	4.93	
05MOD-0026 For Stainless Steel, Add	34.48	
05MOD-0027 For > 10 To 50, Deduct	-0.56	
05MOD-0028 For > 50 To 100, Deduct	-1.36	
05MOD-0029 For > 100, Deduct	-2.72	
05501-0047 EA 1" Diameter x 36" Long, L-Type Anchor Bolt	23.13	
05MOD-0025 For Galvanized, Add	5.16	
05MOD-0026 For Stainless Steel, Add	36.12	
05MOD-0027 For > 10 To 50, Deduct	-0.64	
05MOD-0028 For > 50 To 100, Deduct	-1.54	
05MOD-0029 For > 100, Deduct	-3.08	
05501-0048 EA 1" Diameter x 42" Long, L-Type Anchor Bolt	26.18	
05MOD-0025 For Galvanized, Add	5.98	
05MOD-0026 For Stainless Steel, Add	41.83	
05MOD-0027 For > 10 To 50, Deduct	-0.71	
05MOD-0028 For > 50 To 100, Deduct	-1.72	
05MOD-0029 For > 100, Deduct	-3.44	
05501-0049 EA 1" Diameter x 48" Long, L-Type Anchor Bolt	31.07	
05MOD-0025 For Galvanized, Add	7.00	
05MOD-0026 For Stainless Steel, Add	48.97	
05MOD-0027 For > 10 To 50, Deduct	-0.85	
05MOD-0028 For > 50 To 100, Deduct	-2.06	
05MOD-0029 For > 100, Deduct	-4.12	
05501-0050 EA 1-1/8" Diameter x 18" Long, L-Type Anchor Bolt	18.38	
05MOD-0025 For Galvanized, Add	4.92	
05MOD-0026 For Stainless Steel, Add	34.44	
05MOD-0027 For > 10 To 50, Deduct	-0.43	
05MOD-0028 For > 50 To 100, Deduct	-1.10	
05MOD-0029 For > 100, Deduct	-2.20	
05501-0051 EA 1-1/8" Diameter x 24" Long, L-Type Anchor Bolt	21.25	
05MOD-0025 For Galvanized, Add	5.51	
05MOD-0026 For Stainless Steel, Add	38.54	
05MOD-0027 For > 10 To 50, Deduct	-0.51	
05MOD-0028 For > 50 To 100, Deduct	-1.30	
05MOD-0029 For > 100, Deduct	-2.60	

05000 Metals**05500 Metal Fabrication****05501 Concrete And Masonry Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0052	EA		1-1/8" Diameter x 30" Long, L-Type Anchor Bolt	22.66	
	05MOD-0025		For Galvanized, Add	5.76	
	05MOD-0026		For Stainless Steel, Add	40.32	
	05MOD-0027		For > 10 To 50, Deduct	-0.56	
	05MOD-0028		For > 50 To 100, Deduct	-1.40	
	05MOD-0029		For > 100, Deduct	-2.80	
05501-0053			Expansion Anchors (05501) Note: Includes drilling.		
05501-0054			Wedge Expansion Bolt Anchors (05501-0053) Note: Includes nut and washer.		
05501-0055	EA		1/4" Diameter x 1-3/4" Long Wedge Anchor Expansion Bolt	6.84	
	05MOD-0025		For Galvanized, Add	0.24	
	05MOD-0026		For Stainless Steel, Add	1.68	
	05MOD-0027		For > 10 To 50, Deduct	-0.32	
	05MOD-0028		For > 50 To 100, Deduct	-0.65	
	05MOD-0029		For > 100, Deduct	-1.30	
05501-0056	EA		1/4" Diameter x 2-1/4" Long Wedge Anchor Expansion Bolt	6.91	
	05MOD-0025		For Galvanized, Add	0.28	
	05MOD-0026		For Stainless Steel, Add	1.93	
	05MOD-0027		For > 10 To 50, Deduct	-0.32	
	05MOD-0028		For > 50 To 100, Deduct	-0.65	
	05MOD-0029		For > 100, Deduct	-1.30	
05501-0057	EA		1/4" Diameter x 3-1/4" Long Wedge Anchor Expansion Bolt	7.14	
	05MOD-0025		For Galvanized, Add	0.30	
	05MOD-0026		For Stainless Steel, Add	2.10	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.67	
	05MOD-0029		For > 100, Deduct	-1.34	
05501-0058	EA		3/8" Diameter x 2-1/4" Long Wedge Anchor Expansion Bolt	8.41	
	05MOD-0025		For Galvanized, Add	0.34	
	05MOD-0026		For Stainless Steel, Add	2.35	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.79	
	05MOD-0029		For > 100, Deduct	-1.58	
05501-0059	EA		3/8" Diameter x 3" Long Wedge Anchor Expansion Bolt	8.49	
	05MOD-0025		For Galvanized, Add	0.38	
	05MOD-0026		For Stainless Steel, Add	2.63	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.79	
	05MOD-0029		For > 100, Deduct	-1.59	
05501-0060	EA		3/8" Diameter x 5" Long Wedge Anchor Expansion Bolt	8.69	
	05MOD-0025		For Galvanized, Add	0.48	
	05MOD-0026		For Stainless Steel, Add	3.33	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.80	
	05MOD-0029		For > 100, Deduct	-1.60	
05501-0061	EA		1/2" Diameter x 4-1/4" Long Wedge Anchor Expansion Bolt	12.35	
	05MOD-0025		For Galvanized, Add	0.67	
	05MOD-0026		For Stainless Steel, Add	4.69	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.13	
	05MOD-0029		For > 100, Deduct	-2.27	
05501-0062	EA		1/2" Diameter x 5-1/2" Long Wedge Anchor Expansion Bolt	12.59	
	05MOD-0025		For Galvanized, Add	0.79	
	05MOD-0026		For Stainless Steel, Add	5.53	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.14	
	05MOD-0029		For > 100, Deduct	-2.28	
05501-0063	EA		1/2" Diameter x 7" Long Wedge Anchor Expansion Bolt	12.91	
	05MOD-0025		For Galvanized, Add	0.95	
	05MOD-0026		For Stainless Steel, Add	6.65	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.15	
	05MOD-0029		For > 100, Deduct	-2.30	
05501-0064	EA		5/8" Diameter x 5" Long Wedge Anchor Expansion Bolt	16.22	
	05MOD-0025		For Galvanized, Add	1.32	
	05MOD-0026		For Stainless Steel, Add	9.24	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.42	
	05MOD-0029		For > 100, Deduct	-2.85	
05501-0065	EA		5/8" Diameter x 7" Long Wedge Anchor Expansion Bolt	16.84	
	05MOD-0025		For Galvanized, Add	1.63	
	05MOD-0026		For Stainless Steel, Add	11.41	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.44	
	05MOD-0029		For > 100, Deduct	-2.88	
05501-0066	EA		5/8" Diameter x 8-1/2" Long Wedge Anchor Expansion Bolt	19.18	
	05MOD-0025		For Galvanized, Add	2.80	
	05MOD-0026		For Stainless Steel, Add	19.60	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.50	
	05MOD-0029		For > 100, Deduct	-3.00	



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0067	EA	5/8"	Diameter x 10" Long Wedge Anchor Expansion Bolt.....	21.24	
	05MOD-0025		For Galvanized, Add	3.83	
	05MOD-0026		For Stainless Steel, Add	26.81	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.55	
	05MOD-0029		For > 100, Deduct	-3.10	
05501-0068	EA	3/4"	Diameter x 4-1/4" Long Wedge Anchor Expansion Bolt	19.40	
	05MOD-0025		For Galvanized, Add	1.62	
	05MOD-0026		For Stainless Steel, Add	11.34	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.70	
	05MOD-0029		For > 100, Deduct	-3.39	
05501-0069	EA	3/4"	Diameter x 4-3/4" Long Wedge Anchor Expansion Bolt	19.45	
	05MOD-0025		For Galvanized, Add	1.65	
	05MOD-0026		For Stainless Steel, Add	11.52	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.70	
	05MOD-0029		For > 100, Deduct	-3.40	
05501-0070	EA	3/4"	Diameter x 5-1/2" Long Wedge Anchor Expansion Bolt	19.76	
	05MOD-0025		For Galvanized, Add	1.80	
	05MOD-0026		For Stainless Steel, Add	12.60	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.71	
	05MOD-0029		For > 100, Deduct	-3.41	
05501-0071	EA	3/4"	Diameter x 6-1/4" Long Wedge Anchor Expansion Bolt	20.19	
	05MOD-0025		For Galvanized, Add	2.02	
	05MOD-0026		For Stainless Steel, Add	14.11	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.72	
	05MOD-0029		For > 100, Deduct	-3.43	
05501-0072	EA	3/4"	Diameter x 7" Long Wedge Anchor Expansion Bolt	20.67	
	05MOD-0025		For Galvanized, Add	2.26	
	05MOD-0026		For Stainless Steel, Add	15.79	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.73	
	05MOD-0029		For > 100, Deduct	-3.46	
05501-0073	EA	3/4"	Diameter x 8-1/2" Long Wedge Anchor Expansion Bolt	22.53	
	05MOD-0025		For Galvanized, Add	3.18	
	05MOD-0026		For Stainless Steel, Add	22.26	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.78	
	05MOD-0029		For > 100, Deduct	-3.55	
05501-0074	EA	3/4"	Diameter x 10" Long Wedge Anchor Expansion Bolt.....	25.09	
	05MOD-0025		For Galvanized, Add	4.46	
	05MOD-0026		For Stainless Steel, Add	31.22	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.84	
	05MOD-0029		For > 100, Deduct	-3.68	
05501-0075	EA	3/4"	Diameter x 12" Long Wedge Anchor Expansion Bolt.....	27.90	
	05MOD-0025		For Galvanized, Add	5.87	
	05MOD-0026		For Stainless Steel, Add	41.06	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.91	
	05MOD-0029		For > 100, Deduct	-3.82	
05501-0076	EA	7/8"	Diameter x 6" Long Wedge Anchor Expansion Bolt	26.79	
	05MOD-0025		For Galvanized, Add	4.62	
	05MOD-0026		For Stainless Steel, Add	32.34	
	05MOD-0027		For > 10 To 50, Deduct	-0.88	
	05MOD-0028		For > 50 To 100, Deduct	-1.99	
	05MOD-0029		For > 100, Deduct	-3.97	
05501-0077	EA	7/8"	Diameter x 8" Long Wedge Anchor Expansion Bolt	28.26	
	05MOD-0025		For Galvanized, Add	5.36	
	05MOD-0026		For Stainless Steel, Add	37.49	
	05MOD-0027		For > 10 To 50, Deduct	-0.88	
	05MOD-0028		For > 50 To 100, Deduct	-2.02	
	05MOD-0029		For > 100, Deduct	-4.05	
05501-0078	EA	7/8"	Diameter x 10" Long Wedge Anchor Expansion Bolt.....	30.23	
	05MOD-0025		For Galvanized, Add	6.34	
	05MOD-0026		For Stainless Steel, Add	44.38	
	05MOD-0027		For > 10 To 50, Deduct	-0.88	
	05MOD-0028		For > 50 To 100, Deduct	-2.07	
	05MOD-0029		For > 100, Deduct	-4.14	
05501-0079	EA	1"	Diameter x 6" Long Wedge Anchor Expansion Bolt	32.98	
	05MOD-0025		For Galvanized, Add	5.14	
	05MOD-0026		For Stainless Steel, Add	35.98	
	05MOD-0027		For > 10 To 50, Deduct	-1.14	
	05MOD-0028		For > 50 To 100, Deduct	-2.53	
	05MOD-0029		For > 100, Deduct	-5.05	
05501-0080	EA	1"	Diameter x 9" Long Wedge Anchor Expansion Bolt	35.75	
	05MOD-0025		For Galvanized, Add	6.53	
	05MOD-0026		For Stainless Steel, Add	45.68	
	05MOD-0027		For > 10 To 50, Deduct	-1.14	
	05MOD-0028		For > 50 To 100, Deduct	-2.60	
	05MOD-0029		For > 100, Deduct	-5.19	

05000 Metals**05500 Metal Fabrication****05501 Concrete And Masonry Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0081	EA		1" Diameter x 12" Long Wedge Anchor Expansion Bolt.....	38.50	
	05MOD-0025		For Galvanized, Add	7.90	
	05MOD-0026		For Stainless Steel, Add	55.30	
	05MOD-0027		For > 10 To 50, Deduct	-1.14	
	05MOD-0028		For > 50 To 100, Deduct	-2.67	
	05MOD-0029		For > 100, Deduct	-5.33	
05501-0082	EA		1-1/4" Diameter x 9" Long Wedge Anchor Expansion Bolt	43.20	
	05MOD-0025		For Galvanized, Add	7.07	
	05MOD-0026		For Stainless Steel, Add	49.49	
	05MOD-0027		For > 10 To 50, Deduct	-1.45	
	05MOD-0028		For > 50 To 100, Deduct	-3.26	
	05MOD-0029		For > 100, Deduct	-6.52	
05501-0083	EA		1-1/4" Diameter x 12" Long Wedge Anchor Expansion Bolt	45.21	
	05MOD-0025		For Galvanized, Add	8.08	
	05MOD-0026		For Stainless Steel, Add	56.53	
	05MOD-0027		For > 10 To 50, Deduct	-1.45	
	05MOD-0028		For > 50 To 100, Deduct	-3.31	
	05MOD-0029		For > 100, Deduct	-6.62	
05501-0084			Concrete Sleeve Anchors (05501-0053)		
			Note: Includes nut and washer.		
05501-0085	EA		1/4" Diameter x 5/8" Long Concrete Sleeve Anchor	6.87	
	05MOD-0025		For Galvanized, Add	0.18	
	05MOD-0026		For Stainless Steel, Add	1.26	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.66	
	05MOD-0029		For > 100, Deduct	-1.32	
05501-0086	EA		1/4" Diameter x 1-3/8" Long Concrete Sleeve Anchor	6.96	
	05MOD-0025		For Galvanized, Add	0.23	
	05MOD-0026		For Stainless Steel, Add	1.58	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.66	
	05MOD-0029		For > 100, Deduct	-1.32	
05501-0087	EA		1/4" Diameter x 2-1/4" Long Concrete Sleeve Anchor	7.04	
	05MOD-0025		For Galvanized, Add	0.27	
	05MOD-0026		For Stainless Steel, Add	1.86	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.66	
	05MOD-0029		For > 100, Deduct	-1.33	
05501-0088	EA		5/16" Diameter x 1-1/2" Long Concrete Sleeve Anchor	7.18	
	05MOD-0025		For Galvanized, Add	0.18	
	05MOD-0026		For Stainless Steel, Add	1.23	
	05MOD-0027		For > 10 To 50, Deduct	-0.34	
	05MOD-0028		For > 50 To 100, Deduct	-0.69	
	05MOD-0029		For > 100, Deduct	-1.38	
05501-0089	EA		5/16" Diameter x 2-1/2" Long Concrete Sleeve Anchor	7.31	
	05MOD-0025		For Galvanized, Add	0.24	
	05MOD-0026		For Stainless Steel, Add	1.68	
	05MOD-0027		For > 10 To 50, Deduct	-0.34	
	05MOD-0028		For > 50 To 100, Deduct	-0.70	
	05MOD-0029		For > 100, Deduct	-1.39	
05501-0090	EA		3/8" Diameter x 1-7/8" Long Concrete Sleeve Anchor	8.17	
	05MOD-0025		For Galvanized, Add	0.22	
	05MOD-0026		For Stainless Steel, Add	1.54	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.78	
	05MOD-0029		For > 100, Deduct	-1.57	
05501-0091	EA		3/8" Diameter x 3" Long Concrete Sleeve Anchor	8.34	
	05MOD-0025		For Galvanized, Add	0.31	
	05MOD-0026		For Stainless Steel, Add	2.14	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.79	
	05MOD-0029		For > 100, Deduct	-1.58	
05501-0092	EA		3/8" Diameter x 4" Long Concrete Sleeve Anchor	8.48	
	05MOD-0025		For Galvanized, Add	0.38	
	05MOD-0026		For Stainless Steel, Add	2.63	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.79	
	05MOD-0029		For > 100, Deduct	-1.58	
05501-0093	EA		1/2" Diameter x 2-1/4" Long Concrete Sleeve Anchor	11.78	
	05MOD-0025		For Galvanized, Add	0.40	
	05MOD-0026		For Stainless Steel, Add	2.77	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.12	
	05MOD-0029		For > 100, Deduct	-2.24	
05501-0094	EA		1/2" Diameter x 3" Long Concrete Sleeve Anchor	12.02	
	05MOD-0025		For Galvanized, Add	0.52	
	05MOD-0026		For Stainless Steel, Add	3.61	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.12	
	05MOD-0029		For > 100, Deduct	-2.25	



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0095	EA	1/2"	Diameter x 4" Long Concrete Sleeve Anchor	12.21	
	05MOD-0025		For Galvanized, Add	0.61	
	05MOD-0026		For Stainless Steel, Add	4.27	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.13	
	05MOD-0029		For > 100, Deduct	-2.26	
05501-0096	EA	1/2"	Diameter x 6" Long Concrete Sleeve Anchor	12.43	
	05MOD-0025		For Galvanized, Add	0.72	
	05MOD-0026		For Stainless Steel, Add	5.04	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.14	
	05MOD-0029		For > 100, Deduct	-2.27	
05501-0097	EA	5/8"	Diameter x 2-1/4" Long Concrete Sleeve Anchor	14.91	
	05MOD-0025		For Galvanized, Add	0.67	
	05MOD-0026		For Stainless Steel, Add	4.66	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.39	
	05MOD-0029		For > 100, Deduct	-2.78	
05501-0098	EA	5/8"	Diameter x 3" Long Concrete Sleeve Anchor	15.26	
	05MOD-0025		For Galvanized, Add	0.84	
	05MOD-0026		For Stainless Steel, Add	5.88	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.40	
	05MOD-0029		For > 100, Deduct	-2.80	
05501-0099	EA	5/8"	Diameter x 4-1/4" Long Concrete Sleeve Anchor	15.52	
	05MOD-0025		For Galvanized, Add	0.97	
	05MOD-0026		For Stainless Steel, Add	6.79	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.41	
	05MOD-0029		For > 100, Deduct	-2.81	
05501-0100	EA	5/8"	Diameter x 6" Long Concrete Sleeve Anchor	15.92	
	05MOD-0025		For Galvanized, Add	1.17	
	05MOD-0026		For Stainless Steel, Add	8.19	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.42	
	05MOD-0029		For > 100, Deduct	-2.83	
05501-0101	EA	3/4"	Diameter x 2-1/2" Long Concrete Sleeve Anchor	18.24	
	05MOD-0025		For Galvanized, Add	1.04	
	05MOD-0026		For Stainless Steel, Add	7.28	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.67	
	05MOD-0029		For > 100, Deduct	-3.34	
05501-0102	EA	3/4"	Diameter x 4-1/4" Long Concrete Sleeve Anchor	18.10	
	05MOD-0025		For Galvanized, Add	0.97	
	05MOD-0026		For Stainless Steel, Add	6.79	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.66	
	05MOD-0029		For > 100, Deduct	-3.33	
05501-0103	EA	3/4"	Diameter x 5-1/2" Long Concrete Sleeve Anchor	18.82	
	05MOD-0025		For Galvanized, Add	1.33	
	05MOD-0026		For Stainless Steel, Add	9.31	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.68	
	05MOD-0029		For > 100, Deduct	-3.37	
05501-0104	EA	3/4"	Diameter x 6-1/4" Long Concrete Sleeve Anchor	20.31	
	05MOD-0025		For Galvanized, Add	2.08	
	05MOD-0026		For Stainless Steel, Add	14.53	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.72	
	05MOD-0029		For > 100, Deduct	-3.44	
05501-0105			Concrete Strike Anchors <small>(05501-0053)</small>		
			Note: Includes nut and washer.		
05501-0106	EA	1/4"	Diameter x 1-3/4" Long Concrete Strike Anchor	7.03	
	05MOD-0025		For Galvanized, Add	0.26	
	05MOD-0026		For Stainless Steel, Add	1.82	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.66	
	05MOD-0029		For > 100, Deduct	-1.33	
05501-0107	EA	1/4"	Diameter x 2-3/8" Long Concrete Strike Anchor	7.25	
	05MOD-0025		For Galvanized, Add	0.37	
	05MOD-0026		For Stainless Steel, Add	2.59	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.67	
	05MOD-0029		For > 100, Deduct	-1.34	
05501-0108	EA	5/16"	Diameter x 2-3/4" Long Concrete Strike Anchor	7.62	
	05MOD-0025		For Galvanized, Add	0.40	
	05MOD-0026		For Stainless Steel, Add	2.77	
	05MOD-0027		For > 10 To 50, Deduct	-0.34	
	05MOD-0028		For > 50 To 100, Deduct	-0.70	
	05MOD-0029		For > 100, Deduct	-1.41	

05000 Metals**05500 Metal Fabrication****05501 Concrete And Masonry Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0109	EA	5/16"	Diameter x 4" Long Concrete Strike Anchor	8.03	
	05MOD-0025		For Galvanized, Add	0.60	
	05MOD-0026		For Stainless Steel, Add	4.20	
	05MOD-0027		For > 10 To 50, Deduct	-0.34	
	05MOD-0028		For > 50 To 100, Deduct	-0.71	
	05MOD-0029		For > 100, Deduct	-1.43	
05501-0110	EA	3/8"	Diameter x 2-3/8" Long Concrete Strike Anchor	8.60	
	05MOD-0025		For Galvanized, Add	0.44	
	05MOD-0026		For Stainless Steel, Add	3.05	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.79	
	05MOD-0029		For > 100, Deduct	-1.59	
05501-0111	EA	3/8"	Diameter x 3-1/2" Long Concrete Strike Anchor	8.97	
	05MOD-0025		For Galvanized, Add	0.62	
	05MOD-0026		For Stainless Steel, Add	4.34	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.80	
	05MOD-0029		For > 100, Deduct	-1.61	
05501-0112	EA	3/8"	Diameter x 5" Long Concrete Strike Anchor	10.43	
	05MOD-0025		For Galvanized, Add	1.35	
	05MOD-0026		For Stainless Steel, Add	9.45	
	05MOD-0027		For > 10 To 50, Deduct	-0.39	
	05MOD-0028		For > 50 To 100, Deduct	-0.84	
	05MOD-0029		For > 100, Deduct	-1.68	
05501-0113	EA	1/2"	Diameter x 2-3/4" Long Concrete Strike Anchor	13.10	
	05MOD-0025		For Galvanized, Add	1.06	
	05MOD-0026		For Stainless Steel, Add	7.39	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.15	
	05MOD-0029		For > 100, Deduct	-2.30	
05501-0114	EA	1/2"	Diameter x 3-1/2" Long Concrete Strike Anchor	13.22	
	05MOD-0025		For Galvanized, Add	1.12	
	05MOD-0026		For Stainless Steel, Add	7.81	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.15	
	05MOD-0029		For > 100, Deduct	-2.31	
05501-0115	EA	1/2"	Diameter x 4-3/4" Long Concrete Strike Anchor	13.76	
	05MOD-0025		For Galvanized, Add	1.39	
	05MOD-0026		For Stainless Steel, Add	9.70	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.17	
	05MOD-0029		For > 100, Deduct	-2.34	
05501-0116	EA	1/2"	Diameter x 6" Long Concrete Strike Anchor	14.35	
	05MOD-0025		For Galvanized, Add	1.68	
	05MOD-0026		For Stainless Steel, Add	11.76	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.18	
	05MOD-0029		For > 100, Deduct	-2.37	
05501-0117	EA	5/8"	Diameter x 4" Long Concrete Strike Anchor	16.87	
	05MOD-0025		For Galvanized, Add	1.65	
	05MOD-0026		For Stainless Steel, Add	11.52	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.44	
	05MOD-0029		For > 100, Deduct	-2.88	
05501-0118	EA	5/8"	Diameter x 4-3/4" Long Concrete Strike Anchor	17.70	
	05MOD-0025		For Galvanized, Add	2.06	
	05MOD-0026		For Stainless Steel, Add	14.42	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.46	
	05MOD-0029		For > 100, Deduct	-2.92	
05501-0119	EA	5/8"	Diameter x 6" Long Concrete Strike Anchor	19.17	
	05MOD-0025		For Galvanized, Add	2.80	
	05MOD-0026		For Stainless Steel, Add	19.57	
	05MOD-0027		For > 10 To 50, Deduct	-0.68	
	05MOD-0028		For > 50 To 100, Deduct	-1.50	
	05MOD-0029		For > 100, Deduct	-3.00	
05501-0120	EA	3/4"	Diameter x 5" Long Concrete Strike Anchor	21.44	
	05MOD-0025		For Galvanized, Add	2.64	
	05MOD-0026		For Stainless Steel, Add	18.48	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.75	
	05MOD-0029		For > 100, Deduct	-3.50	
05501-0121	EA	3/4"	Diameter x 6" Long Concrete Strike Anchor	23.50	
	05MOD-0025		For Galvanized, Add	3.67	
	05MOD-0026		For Stainless Steel, Add	25.69	
	05MOD-0027		For > 10 To 50, Deduct	-0.81	
	05MOD-0028		For > 50 To 100, Deduct	-1.80	
	05MOD-0029		For > 100, Deduct	-3.60	

05501-0122 Drop-In Or Multi-Set Anchors (05501-0053)

Note: Excludes bolt, nut and washer.

05501-0123	EA	1/4"	Multi-Set Anchor	9.50	
	05MOD-0026		For Stainless Steel, Add	1.58	
	05MOD-0027		For > 10 To 50, Deduct	-0.45	
	05MOD-0028		For > 50 To 100, Deduct	-0.92	
	05MOD-0029		For > 100, Deduct	-1.83	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0124	EA 3/8" Multi-Set Anchor.....	11.52	
	05MOD-0026 For Stainless Steel, Add	1.68	
	05MOD-0027 For > 10 To 50, Deduct	-0.55	
	05MOD-0028 For > 50 To 100, Deduct	-1.12	
	05MOD-0029 For > 100, Deduct	-2.23	
05501-0125	EA 1/2" Multi-Set Anchor.....	13.94	
	05MOD-0026 For Stainless Steel, Add	3.26	
	05MOD-0027 For > 10 To 50, Deduct	-0.65	
	05MOD-0028 For > 50 To 100, Deduct	-1.32	
	05MOD-0029 For > 100, Deduct	-2.65	
05501-0126	EA 5/8" Multi-Set Anchor.....	16.60	
	05MOD-0026 For Stainless Steel, Add	8.05	
	05MOD-0027 For > 10 To 50, Deduct	-0.72	
	05MOD-0028 For > 50 To 100, Deduct	-1.49	
	05MOD-0029 For > 100, Deduct	-2.98	
05501-0127	EA 3/4" Multi-Set Anchor.....	19.92	
	05MOD-0026 For Stainless Steel, Add	12.81	
	05MOD-0027 For > 10 To 50, Deduct	-0.81	
	05MOD-0028 For > 50 To 100, Deduct	-1.72	
	05MOD-0029 For > 100, Deduct	-3.44	
05501-0128	Concrete Expansion Anchors (05501-0053)		
	Note: Excludes bolt, nut and washer.		
05501-0129	EA 1/4" Concrete Expansion Anchor.....	7.01	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.33	
05501-0130	EA 5/16" Concrete Expansion Anchor.....	7.46	
	05MOD-0027 For > 10 To 50, Deduct	-0.34	
	05MOD-0028 For > 50 To 100, Deduct	-0.70	
	05MOD-0029 For > 100, Deduct	-1.40	
05501-0131	EA 3/8" Concrete Expansion Anchor.....	8.54	
	05MOD-0027 For > 10 To 50, Deduct	-0.39	
	05MOD-0028 For > 50 To 100, Deduct	-0.79	
	05MOD-0029 For > 100, Deduct	-1.59	
05501-0132	EA 1/2" Concrete Expansion Anchor.....	12.24	
	05MOD-0027 For > 10 To 50, Deduct	-0.55	
	05MOD-0028 For > 50 To 100, Deduct	-1.13	
	05MOD-0029 For > 100, Deduct	-2.26	
05501-0133	EA 5/8" Concrete Expansion Anchor.....	15.61	
	05MOD-0027 For > 10 To 50, Deduct	-0.68	
	05MOD-0028 For > 50 To 100, Deduct	-1.41	
	05MOD-0029 For > 100, Deduct	-2.82	
05501-0134	EA 3/4" Concrete Expansion Anchor.....	20.73	
	05MOD-0027 For > 10 To 50, Deduct	-0.81	
	05MOD-0028 For > 50 To 100, Deduct	-1.73	
	05MOD-0029 For > 100, Deduct	-3.46	
05501-0135	Concrete Lag Shield Anchors (05501-0053)		
	Note: Excludes lag bolt and washer.		
05501-0136	EA 1/4" Concrete Lag Shield Anchor.....	7.07	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.67	
	05MOD-0029 For > 100, Deduct	-1.33	
05501-0137	EA 5/16" Concrete Lag Shield Anchor.....	8.43	
	05MOD-0027 For > 10 To 50, Deduct	-0.39	
	05MOD-0028 For > 50 To 100, Deduct	-0.79	
	05MOD-0029 For > 100, Deduct	-1.58	
05501-0138	EA 3/8" Concrete Lag Shield Anchor.....	8.89	
	05MOD-0027 For > 10 To 50, Deduct	-0.39	
	05MOD-0028 For > 50 To 100, Deduct	-0.80	
	05MOD-0029 For > 100, Deduct	-1.60	
05501-0139	EA 1/2" Concrete Lag Shield Anchor.....	12.55	
	05MOD-0027 For > 10 To 50, Deduct	-0.55	
	05MOD-0028 For > 50 To 100, Deduct	-1.14	
	05MOD-0029 For > 100, Deduct	-2.28	
05501-0140	EA 5/8" Concrete Lag Shield Anchor.....	16.87	
	05MOD-0027 For > 10 To 50, Deduct	-0.68	
	05MOD-0028 For > 50 To 100, Deduct	-1.44	
	05MOD-0029 For > 100, Deduct	-2.88	
05501-0141	EA 3/4" Concrete Lag Shield Anchor.....	18.62	
	05MOD-0027 For > 10 To 50, Deduct	-0.81	
	05MOD-0028 For > 50 To 100, Deduct	-1.68	
	05MOD-0029 For > 100, Deduct	-3.36	
05501-0142	Chemical And Adhesive Anchors (05501)		
05501-0143	Chemically Adhered Anchor Rods (05501-0142)		
	Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer.		
05501-0144	EA 1/4" x 1-9/16" Long Chemically Adhered Anchor Rod.....	8.89	
	05MOD-0027 For > 10 To 50, Deduct	-0.36	
	05MOD-0028 For > 50 To 100, Deduct	-0.76	
	05MOD-0029 For > 100, Deduct	-1.52	

05000 Metals**05500 Metal Fabrication****05501 Concrete And Masonry Anchors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0145	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod.....	10.32	
	05MOD-0027	For > 10 To 50, Deduct	-0.39	
	05MOD-0028	For > 50 To 100, Deduct	-0.84	
	05MOD-0029	For > 100, Deduct	-1.69	
05501-0146	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod.....	12.83	
	05MOD-0027	For > 10 To 50, Deduct	-0.49	
	05MOD-0028	For > 50 To 100, Deduct	-1.05	
	05MOD-0029	For > 100, Deduct	-2.11	
05501-0147	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod.....	15.03	
	05MOD-0027	For > 10 To 50, Deduct	-0.55	
	05MOD-0028	For > 50 To 100, Deduct	-1.20	
	05MOD-0029	For > 100, Deduct	-2.40	
05501-0148	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod.....	15.96	
	05MOD-0027	For > 10 To 50, Deduct	-0.55	
	05MOD-0028	For > 50 To 100, Deduct	-1.22	
	05MOD-0029	For > 100, Deduct	-2.45	
05501-0149	EA	5/8" x 7" Long Chemically Adhered Anchor Rod.....	19.75	
	05MOD-0027	For > 10 To 50, Deduct	-0.68	
	05MOD-0028	For > 50 To 100, Deduct	-1.51	
	05MOD-0029	For > 100, Deduct	-3.02	
05501-0150	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod.....	25.72	
	05MOD-0027	For > 10 To 50, Deduct	-0.81	
	05MOD-0028	For > 50 To 100, Deduct	-1.86	
	05MOD-0029	For > 100, Deduct	-3.71	
05501-0151	EA	7/8" x 10" Long Chemically Adhered Anchor Rod.....	30.56	
	05MOD-0027	For > 10 To 50, Deduct	-0.88	
	05MOD-0028	For > 50 To 100, Deduct	-2.08	
	05MOD-0029	For > 100, Deduct	-4.15	
05501-0152	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod.....	41.81	
	05MOD-0027	For > 10 To 50, Deduct	-1.14	
	05MOD-0028	For > 50 To 100, Deduct	-2.75	
	05MOD-0029	For > 100, Deduct	-5.50	
05501-0153	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod.....	60.20	
	05MOD-0027	For > 10 To 50, Deduct	-1.43	
	05MOD-0028	For > 50 To 100, Deduct	-3.65	
	05MOD-0029	For > 100, Deduct	-7.30	
05501-0154		Chemical Adhesives For Bolts, Dowels Or Threaded Rods <small>(05501-0142)</small>		
		Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored.		
05501-0155	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	8.07	
	05MOD-0027	For > 10 To 50, Deduct	-0.39	
	05MOD-0028	For > 50 To 100, Deduct	-0.79	
	05MOD-0029	For > 100, Deduct	-1.57	
05501-0156	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	10.12	
	05MOD-0027	For > 10 To 50, Deduct	-0.49	
	05MOD-0028	For > 50 To 100, Deduct	-0.99	
	05MOD-0029	For > 100, Deduct	-1.97	
05501-0157	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	11.49	
	05MOD-0027	For > 10 To 50, Deduct	-0.55	
	05MOD-0028	For > 50 To 100, Deduct	-1.11	
	05MOD-0029	For > 100, Deduct	-2.22	
05501-0158	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	14.81	
	05MOD-0027	For > 10 To 50, Deduct	-0.68	
	05MOD-0028	For > 50 To 100, Deduct	-1.39	
	05MOD-0029	For > 100, Deduct	-2.78	
05501-0159	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	18.30	
	05MOD-0027	For > 10 To 50, Deduct	-0.81	
	05MOD-0028	For > 50 To 100, Deduct	-1.67	
	05MOD-0029	For > 100, Deduct	-3.34	
05501-0160	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	20.36	
	05MOD-0027	For > 10 To 50, Deduct	-0.88	
	05MOD-0028	For > 50 To 100, Deduct	-1.82	
	05MOD-0029	For > 100, Deduct	-3.64	
05501-0161	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	26.99	
	05MOD-0027	For > 10 To 50, Deduct	-1.14	
	05MOD-0028	For > 50 To 100, Deduct	-2.38	
	05MOD-0029	For > 100, Deduct	-4.75	
05501-0162	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	30.94	
	05MOD-0027	For > 10 To 50, Deduct	-1.28	
	05MOD-0028	For > 50 To 100, Deduct	-2.70	
	05MOD-0029	For > 100, Deduct	-5.40	
05501-0163	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	35.48	
	05MOD-0027	For > 10 To 50, Deduct	-1.43	
	05MOD-0028	For > 50 To 100, Deduct	-3.03	
	05MOD-0029	For > 100, Deduct	-6.07	
05501-0164	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	38.50	
	05MOD-0027	For > 10 To 50, Deduct	-1.50	
	05MOD-0028	For > 50 To 100, Deduct	-3.21	
	05MOD-0029	For > 100, Deduct	-6.41	
05501-0165	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	42.66	
	05MOD-0027	For > 10 To 50, Deduct	-1.56	
	05MOD-0028	For > 50 To 100, Deduct	-3.41	
	05MOD-0029	For > 100, Deduct	-6.82	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0166	EA 1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	50.98	
	05MOD-0027 For > 10 To 50, Deduct	-1.69	
	05MOD-0028 For > 50 To 100, Deduct	-3.81	
	05MOD-0029 For > 100, Deduct	-7.62	
05501-0167	EA 2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	69.44	
	05MOD-0027 For > 10 To 50, Deduct	-1.76	
	05MOD-0028 For > 50 To 100, Deduct	-4.37	
	05MOD-0029 For > 100, Deduct	-8.74	
05501-0168	Grout Concrete Anchor Bolt Or Threaded Rod (05501-0142)		
05501-0169	EA Grout Concrete Anchor Bolt or Threaded Rod.....	3.09	
	05MOD-0027 For > 10 To 50, Deduct	-0.15	
	05MOD-0028 For > 50 To 100, Deduct	-0.30	
	05MOD-0029 For > 100, Deduct	-0.60	
05501-0170	Other Concrete And Masonry Anchors (05501)		
05501-0171	Tapcon Masonry Fasteners (05501-0170)		
	Note: Includes drilling. Available in countersunk or hex head.		
05501-0172	EA 3/16" x 1-1/4" Tapcon Masonry Screw.....	6.68	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.31	
05501-0173	EA 3/16" x 2-1/4" Tapcon Masonry Screw.....	6.73	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.31	
05501-0174	EA 3/16" x 3-1/4" Tapcon Masonry Screw.....	6.83	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.32	
05501-0175	EA 1/4" x 1-1/4" Tapcon Masonry Screw.....	6.74	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.31	
05501-0176	EA 1/4" x 2-1/4" Tapcon Masonry Screw.....	6.79	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.32	
05501-0177	EA 1/4" x 3-1/4" Tapcon Masonry Screw.....	6.91	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.66	
	05MOD-0029 For > 100, Deduct	-1.32	
05501-0178	Large Diameter, Self-Threading Concrete Fasteners (05501-0170)		
	Note: Includes drilling. Zinc plated.		
05501-0179	EA 3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	7.13	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.67	
	05MOD-0029 For > 100, Deduct	-1.33	
05501-0180	EA 3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	7.35	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.67	
	05MOD-0029 For > 100, Deduct	-1.34	
05501-0181	EA 3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	7.41	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.67	
	05MOD-0029 For > 100, Deduct	-1.35	
05501-0182	EA 3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	7.52	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.68	
	05MOD-0029 For > 100, Deduct	-1.35	
05501-0183	EA 3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	7.61	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.68	
	05MOD-0029 For > 100, Deduct	-1.36	
05501-0184	EA 1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	7.80	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.68	
	05MOD-0029 For > 100, Deduct	-1.37	
05501-0185	EA 1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	8.04	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.69	
	05MOD-0029 For > 100, Deduct	-1.38	
05501-0186	EA 1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	8.26	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.69	
	05MOD-0029 For > 100, Deduct	-1.39	
05501-0187	EA 1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	8.87	
	05MOD-0027 For > 10 To 50, Deduct	-0.33	
	05MOD-0028 For > 50 To 100, Deduct	-0.71	
	05MOD-0029 For > 100, Deduct	-1.42	

05000 Metals**05500 Metal Fabrication****05501 Concrete And Masonry Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05501-0188	EA		5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	8.95	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.71	
	05MOD-0029		For > 100, Deduct	-1.42	
05501-0189	EA		5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	9.32	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.72	
	05MOD-0029		For > 100, Deduct	-1.44	
05501-0190	EA		5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	9.71	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.73	
	05MOD-0029		For > 100, Deduct	-1.46	
05501-0191	EA		5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	9.95	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.74	
	05MOD-0029		For > 100, Deduct	-1.47	
05501-0192	EA		3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	9.85	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.73	
	05MOD-0029		For > 100, Deduct	-1.47	
05501-0193	EA		3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	10.20	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.74	
	05MOD-0029		For > 100, Deduct	-1.49	
05501-0194	EA		3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	11.04	
	05MOD-0027		For > 10 To 50, Deduct	-0.33	
	05MOD-0028		For > 50 To 100, Deduct	-0.76	
	05MOD-0029		For > 100, Deduct	-1.53	
05501-0195			Pin Bolt Drives (05501-0170)		
			Note: Includes drilling. Zinc plated.		
05501-0196	EA		1/4" x 1" Pin Bolt Drive.....	4.16	
	05MOD-0027		For > 10 To 50, Deduct	-0.20	
	05MOD-0028		For > 50 To 100, Deduct	-0.40	
	05MOD-0029		For > 100, Deduct	-0.79	
05501-0197	EA		1/4" x 1-1/4" Pin Bolt Drive.....	4.16	
	05MOD-0027		For > 10 To 50, Deduct	-0.20	
	05MOD-0028		For > 50 To 100, Deduct	-0.40	
	05MOD-0029		For > 100, Deduct	-0.79	
05501-0198	EA		1/4" x 1-1/2" Pin Bolt Drive.....	4.20	
	05MOD-0027		For > 10 To 50, Deduct	-0.20	
	05MOD-0028		For > 50 To 100, Deduct	-0.40	
	05MOD-0029		For > 100, Deduct	-0.80	
05501-0199	EA		1/4" x 2" Pin Bolt Drive.....	4.21	
	05MOD-0027		For > 10 To 50, Deduct	-0.20	
	05MOD-0028		For > 50 To 100, Deduct	-0.40	
	05MOD-0029		For > 100, Deduct	-0.80	
05501-0200			Powder Actuated, Shot-In Place Anchors With Exposed Thread (05501-0170)		
05501-0201	EA		1/4" Diameter Threaded Stud Powder Actuated Anchor.....	9.41	
	05MOD-0027		For > 10 To 50, Deduct	-0.45	
	05MOD-0028		For > 50 To 100, Deduct	-0.92	
	05MOD-0029		For > 100, Deduct	-1.83	
05501-0202	EA		3/8" Diameter Threaded Stud Powder Actuated Anchor.....	11.62	
	05MOD-0027		For > 10 To 50, Deduct	-0.55	
	05MOD-0028		For > 50 To 100, Deduct	-1.12	
	05MOD-0029		For > 100, Deduct	-2.24	
05504 Hex Bolts (05500)					
			Note: For owner furnished materials or where requested by the owner.		
05504-0001			A325 High Strength Structural Bolts (05504)		
			Note: Includes A325 heavy hex nut and structural washer.		
05504-0002	EA		1/2" Diameter x 1-1/2" Long, A325 High Strength Structural Bolt.....	9.05	0.80
	05MOD-0030		For Galvanized, Add	0.38	
	05MOD-0031		For > 10 To 50, Deduct	-0.42	
	05MOD-0032		For > 50 To 100, Deduct	-0.85	
	05MOD-0033		For > 100, Deduct	-1.70	
05504-0003	EA		1/2" Diameter x 3" Long, A325 High Strength Structural Bolt.....	9.21	0.80
	05MOD-0030		For Galvanized, Add	0.46	
	05MOD-0031		For > 10 To 50, Deduct	-0.42	
	05MOD-0032		For > 50 To 100, Deduct	-0.85	
	05MOD-0033		For > 100, Deduct	-1.71	
05504-0004	EA		5/8" Diameter x 2" Long, A325 High Strength Structural Bolt.....	9.69	0.80
	05MOD-0030		For Galvanized, Add	0.70	
	05MOD-0031		For > 10 To 50, Deduct	-0.42	
	05MOD-0032		For > 50 To 100, Deduct	-0.86	
	05MOD-0033		For > 100, Deduct	-1.73	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05504-0005	EA 5/8" Diameter x 4" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	11.69 1.11 -0.47 -1.00 -2.01	0.80
05504-0006	EA 5/8" Diameter x 6" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	12.77 1.71 -0.47 -1.02 -2.04	1.19
05504-0007	EA 3/4" Diameter x 2" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	10.29 1.00 -0.42 -0.88 -1.76	0.80
05504-0008	EA 3/4" Diameter x 4" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	13.64 1.42 -0.54 -1.15 -2.30	1.19
05504-0009	EA 3/4" Diameter x 6" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	17.97 1.97 -0.70 -1.50 -3.00	1.19
05504-0010	EA 3/4" Diameter x 8" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	15.86 2.73 -0.52 -1.18 -2.35	1.58
05504-0011	EA 7/8" Diameter x 2" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	11.93 1.47 -0.45 -0.97 -1.95	1.19
05504-0012	EA 7/8" Diameter x 4" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	14.11 2.12 -0.49 -1.09 -2.19	1.19
05504-0013	EA 7/8" Diameter x 6" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	15.97 2.78 -0.52 -1.18 -2.36	1.58
05504-0014	EA 7/8" Diameter x 8" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	17.90 3.48 -0.55 -1.27 -2.54	1.58
05504-0015	EA 1" Diameter x 2" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	12.87 1.76 -0.47 -1.02 -2.05	1.58
05504-0016	EA 1" Diameter x 4" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	15.37 2.48 -0.52 -1.17 -2.33	1.19
05504-0017	EA 1" Diameter x 6" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	17.62 3.34 -0.55 -1.26 -2.52	1.19
05504-0018	EA 1" Diameter x 8" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	22.11 5.23 -0.58 -1.43 -2.85	1.19
05504-0019	EA 1-1/4" Diameter x 3" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	18.87 3.61 -0.58 -1.35 -2.69	1.19
05504-0020	EA 1-1/4" Diameter x 4" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	21.85 4.75 -0.62 -1.47 -2.95	1.19
05504-0021	EA 1-1/4" Diameter x 6" Long, A325 High Strength Structural Bolt 05MOD-0030 For Galvanized, Add 05MOD-0031 For > 10 To 50, Deduct 05MOD-0032 For > 50 To 100, Deduct 05MOD-0033 For > 100, Deduct	25.78 6.28 -0.66 -1.64 -3.27	1.19

05000 Metals
05500 Metal Fabrication
05504 Hex Bolts



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05504-0022	EA		1-1/4" Diameter x 8" Long, A325 High Strength Structural Bolt	30.35	1.58
	05MOD-0030		For Galvanized, Add	8.12	
	05MOD-0031		For > 10 To 50, Deduct	-0.71	
	05MOD-0032		For > 50 To 100, Deduct	-1.82	
	05MOD-0033		For > 100, Deduct	-3.64	

05505 Threaded Rod (05500)

Note: Fully threaded. See CSI section 05501-0142 for anchoring adhesive., 05507-0000 for nuts and washers.

05505-0001 Carbon Steel Threaded Rod (05505)

Note: Plain finish.

05505-0002	LF		1/4" Diameter, Carbon Steel Threaded Rod	1.53	0.39
	05MOD-0034		For Galvanized, Add	0.29	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.07	
	05MOD-0153		For Zinc Plated, Add	0.21	
05505-0003	LF		5/16" Diameter, Carbon Steel Threaded Rod	1.84	0.43
	05MOD-0034		For Galvanized, Add	0.38	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.10	
	05MOD-0153		For Zinc Plated, Add	0.27	
05505-0004	LF		3/8" Diameter, Carbon Steel Threaded Rod	2.05	0.50
	05MOD-0034		For Galvanized, Add	0.42	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.11	
	05MOD-0153		For Zinc Plated, Add	0.30	
05505-0005	LF		7/16" Diameter, Carbon Steel Threaded Rod	2.69	0.51
	05MOD-0034		For Galvanized, Add	0.67	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.17	
	05MOD-0153		For Zinc Plated, Add	0.48	
05505-0006	LF		1/2" Diameter, Carbon Steel Threaded Rod	2.71	0.53
	05MOD-0034		For Galvanized, Add	0.66	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.17	
	05MOD-0153		For Zinc Plated, Add	0.47	
05505-0007	LF		9/16" Diameter, Carbon Steel Threaded Rod	3.28	0.53
	05MOD-0034		For Galvanized, Add	0.88	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.22	
	05MOD-0153		For Zinc Plated, Add	0.63	
05505-0008	LF		5/8" Diameter, Carbon Steel Threaded Rod	3.65	0.54
	05MOD-0034		For Galvanized, Add	1.02	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.26	
	05MOD-0153		For Zinc Plated, Add	0.73	
05505-0009	LF		3/4" Diameter, Carbon Steel Threaded Rod	5.77	0.56
	05MOD-0034		For Galvanized, Add	1.86	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.46	
	05MOD-0153		For Zinc Plated, Add	1.32	
05505-0010	LF		7/8" Diameter, Carbon Steel Threaded Rod	6.27	0.58
	05MOD-0034		For Galvanized, Add	2.04	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.51	
	05MOD-0153		For Zinc Plated, Add	1.45	
05505-0011	LF		1" Diameter, Carbon Steel Threaded Rod	8.48	0.65
	05MOD-0034		For Galvanized, Add	2.86	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.72	
	05MOD-0153		For Zinc Plated, Add	2.04	
05505-0012	LF		1-1/8" Diameter, Carbon Steel Threaded Rod	10.50	0.74
	05MOD-0034		For Galvanized, Add	3.61	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.90	
	05MOD-0153		For Zinc Plated, Add	2.57	
05505-0013	LF		1-1/4" Diameter, Carbon Steel Threaded Rod	13.82	0.80
	05MOD-0034		For Galvanized, Add	4.87	
	05MOD-0036		For Left Hand Threaded Rod, Add	1.22	
	05MOD-0153		For Zinc Plated, Add	3.47	
05505-0014	LF		1-3/8" Diameter, Carbon Steel Threaded Rod	17.09	0.87
	05MOD-0034		For Galvanized, Add	6.15	
	05MOD-0036		For Left Hand Threaded Rod, Add	1.54	
	05MOD-0153		For Zinc Plated, Add	4.38	
05505-0015	LF		1-1/2" Diameter, Carbon Steel Threaded Rod	20.36	0.90
	05MOD-0034		For Galvanized, Add	7.42	
	05MOD-0036		For Left Hand Threaded Rod, Add	1.86	
	05MOD-0153		For Zinc Plated, Add	5.29	
05505-0016	LF		1-3/4" Diameter, Carbon Steel Threaded Rod	24.86	0.95
	05MOD-0034		For Galvanized, Add	9.19	
	05MOD-0036		For Left Hand Threaded Rod, Add	2.30	
	05MOD-0153		For Zinc Plated, Add	6.55	
05505-0017	LF		2" Diameter, Carbon Steel Threaded Rod	31.63	0.99
	05MOD-0034		For Galvanized, Add	11.86	
	05MOD-0036		For Left Hand Threaded Rod, Add	2.97	
	05MOD-0153		For Zinc Plated, Add	8.45	

05505-0018 304 Stainless Steel Threaded Rod (05505)

05505-0019	LF		1/4" Diameter, 304 Stainless Steel Threaded Rod	2.13	0.39
	05MOD-0035		For 316 Stainless Steel, Add	1.33	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.13	
05505-0020	LF		5/16" Diameter, 304 Stainless Steel Threaded Rod	3.15	0.43
	05MOD-0035		For 316 Stainless Steel, Add	2.27	
	05MOD-0036		For Left Hand Threaded Rod, Add	0.23	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05505-0021	LF 3/8" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	4.09 3.10 0.31	0.50
05505-0022	LF 7/16" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	5.52 4.50 0.45	0.51
05505-0023	LF 1/2" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	6.74 5.68 0.57	0.53
05505-0024	LF 9/16" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	10.88 9.80 0.98	0.53
05505-0025	LF 5/8" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	10.05 8.95 0.90	0.54
05505-0026	LF 3/4" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	14.02 12.89 1.29	0.56
05505-0027	LF 7/8" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	18.87 17.70 1.77	0.58
05505-0028	LF 1" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	24.17 22.85 2.29	0.65
05505-0029	LF 1-1/4" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	45.84 44.19 4.42	0.80
05505-0030	LF 1-1/2" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	55.80 54.00 5.40	0.90
05505-0031	LF 1-3/4" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	71.06 69.18 6.92	0.95
05505-0032	LF 2" Diameter, 304 Stainless Steel Threaded Rod <i>05MOD-0035 For 316 Stainless Steel, Add</i> <i>05MOD-0036 For Left Hand Threaded Rod, Add</i>	76.90 74.92 7.49	0.99
05505-0033	B-7 Alloy Steel Threaded Rod <small>(05505)</small> Note: Plain finish.		
05505-0034	LF 1/4" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	2.54 0.87	0.39
05505-0035	LF 5/16" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	2.95 1.04	0.43
05505-0036	LF 3/8" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	3.18 1.10	0.50
05505-0037	LF 7/16" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	4.56 1.77	0.51
05505-0038	LF 1/2" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	3.81 1.38	0.53
05505-0039	LF 9/16" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	5.95 2.44	0.53
05505-0040	LF 5/8" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	4.84 1.87	0.54
05505-0041	LF 3/4" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	6.31 2.59	0.56
05505-0042	LF 7/8" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	7.43 3.13	0.58
05505-0043	LF 1" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	9.64 4.16	0.65
05505-0044	LF 1-1/8" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	12.23 5.38	0.74
05505-0045	LF 1-1/4" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	13.74 6.05	0.80
05505-0046	LF 1-3/8" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	15.65 6.97	0.87
05505-0047	LF 1-1/2" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	11.07 4.64	0.90
05505-0048	LF 1-3/4" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	23.47 10.80	0.95
05505-0049	LF 2" Diameter, B-7 Alloy Steel Threaded Rod <i>05MOD-0037 For Zinc Plating, Add</i>	33.04 15.53	0.99
05506	Unistrut <small>(05500)</small> Note: Installation includes all necessary cutting. Excludes threaded rod or wall fasteners. For fastening to masonry/concrete/CMU wall, add appropriate anchor bolts.		
05506-0001	Unistrut Channel <small>(05506)</small>		
05506-0002	Steel Unistrut Channel <small>(05506-0001)</small>		
05506-0003	LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel <i>05MOD-0154 For Powder Coating, Add</i> <i>05MOD-0155 For Galvanizing, Add</i>	7.40 0.57 0.65	1.78

05000 Metals**05500 Metal Fabrication****05506 Unistrut**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05506-0004 LF 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	7.59	1.78
05MOD-0154 For Powder Coating, Add	0.60	
05MOD-0155 For Galvanizing, Add	0.68	
05506-0005 LF 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	7.88	1.78
05MOD-0154 For Powder Coating, Add	0.65	
05MOD-0155 For Galvanizing, Add	0.73	
05506-0006 LF 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	7.03	1.78
05MOD-0154 For Powder Coating, Add	0.52	
05MOD-0155 For Galvanizing, Add	0.59	
05506-0007 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel.....	6.22	1.78
05MOD-0154 For Powder Coating, Add	0.40	
05MOD-0155 For Galvanizing, Add	0.45	
05506-0008 Stainless Steel Unistrut Channel (05506-0001)		
05506-0009 LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, Stainless Steel Unistrut Channel.....	19.78	1.78
05506-0010 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Stainless Steel Unistrut Channel.....	13.18	1.78
05506-0011 Unistrut Closure Strips (05506)		
05506-0012 LF Raceway Closure Strip For Unistrut Channel	3.67	0.39
05506-0013 Lock Nuts With Spring For Unistrut Channel (05506)		
Note: Includes hex bolt.		
05506-0014 EA 1/4-20 Lock Nut With Spring For Unistrut Channel	5.07	
05506-0015 EA 3/8-16 Lock Nut With Spring For Unistrut Channel	5.47	
05506-0016 EA 1/2-13 Lock Nut With Spring For Unistrut Channel	5.76	
05506-0017 EA 5/8-11 Lock Nut With Spring For Unistrut Channel	7.36	
05506-0018 Lock Nuts Without Spring For Unistrut Channel (05506)		
Note: Includes hex bolt.		
05506-0019 EA 1/4-20 Lock Nut Without Spring For Unistrut Channel	5.08	
05506-0020 EA 3/8-16 Lock Nut Without Spring For Unistrut Channel	5.52	
05506-0021 EA 1/2-13 Lock Nut Without Spring For Unistrut Channel	5.79	
05506-0022 EA 5/8-11 Lock Nut Without Spring For Unistrut Channel	7.82	
05506-0023 Beam Clamp For Unistrut Channel (05506)		
05506-0024 EA Unistrut Beam Clamp, 1-5/8" Channel P2675.....	15.19	5.94
05506-0025 EA Unistrut Beam Clamp, 1-5/8" Channel P2676.....	18.27	5.94
05506-0026 EA Add For Unistrut Swivel Nut, P2676.....	1.68	
05506-0027 Beam Clamp Clevis Hangers (05506)		
05506-0028 EA Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	16.26	5.94
05506-0029 EA Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	18.72	5.94
05506-0030 EA Add For Unistrut Swivel Nut.....	1.68	
05506-0031 EA Unistrut Bracket For Shelves	42.63	7.93
05507 Nuts And Washers (05500)		
05507-0001 Hex Nuts (05507)		
05507-0002 Carbon Steel Hex Nuts (05507-0001)		
Note: Grade 2 and zinc plated.		
05507-0003 EA 1/4" Diameter, Carbon Steel Hex Nut	0.41	0.20
05507-0004 EA 5/16" Diameter, Carbon Steel Hex Nut	0.46	0.20
05507-0005 EA 3/8" Diameter, Carbon Steel Hex Nut	0.50	0.20
05507-0006 EA 7/16" Diameter, Carbon Steel Hex Nut	0.55	0.20
05507-0007 EA 1/2" Diameter, Carbon Steel Hex Nut	0.60	0.20
05507-0008 EA 9/16" Diameter, Carbon Steel Hex Nut	0.68	0.20
05507-0009 EA 5/8" Diameter, Carbon Steel Hex Nut	0.74	0.20
05507-0010 EA 3/4" Diameter, Carbon Steel Hex Nut	0.92	0.39
05507-0011 EA 7/8" Diameter, Carbon Steel Hex Nut	1.35	0.39
05507-0012 EA 1" Diameter, Carbon Steel Hex Nut	1.70	0.39
05507-0013 EA 1-1/8" Diameter, Carbon Steel Hex Nut	1.86	0.39
05507-0014 EA 1-1/4" Diameter, Carbon Steel Hex Nut	2.11	0.39
05507-0015 EA 1-3/8" Diameter, Carbon Steel Hex Nut	2.57	0.39
05507-0016 EA 1-1/2" Diameter, Carbon Steel Hex Nut	4.73	0.59
05507-0017 EA 1-3/4" Diameter, Carbon Steel Hex Nut	9.45	0.59
05507-0018 EA 2" Diameter, Carbon Steel Hex Nut	13.62	0.59
05507-0019 304 Stainless Steel Hex Nuts (05507-0001)		
05507-0020 EA 1/4" Diameter, 304 Stainless Steel Hex Nut.....	0.46	0.20
05MOD-0038 For 316 Stainless Steel, Add	0.02	
05507-0021 EA 5/16" Diameter, 304 Stainless Steel Hex Nut.....	0.53	0.20
05MOD-0038 For 316 Stainless Steel, Add	0.03	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05507-0022	EA 3/8" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	0.58 0.04	0.20
05507-0023	EA 7/16" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	0.72 0.08	0.20
05507-0024	EA 1/2" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	0.81 0.10	0.20
05507-0025	EA 9/16" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	1.27 0.25	0.20
05507-0026	EA 5/8" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	1.20 0.22	0.20
05507-0027	EA 3/4" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	1.57 0.33	0.39
05507-0028	EA 7/8" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	2.41 0.60	0.39
05507-0029	EA 1" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	3.26 0.83	0.39
05507-0030	EA 1-1/4" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	7.85 2.25	0.39
05507-0031	EA 1-1/2" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	13.41 4.02	0.59
05507-0032	EA 1-3/4" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	21.10 6.47	0.59
05507-0033	EA 2" Diameter, 304 Stainless Steel Hex Nut <i>05MOD-0038 For 316 Stainless Steel, Add</i>	29.04 9.00	0.59

05507-0034 Flat Washers (05507)

05507-0035 Carbon Steel Flat Washer (05507-0034)

Note: Zinc plated.

05507-0036	EA 1/4" Inside Diameter, Carbon Steel Flat Washer	0.41	0.20
05507-0037	EA 5/16" Inside Diameter, Carbon Steel Flat Washer	0.47	0.20
05507-0038	EA 3/8" Inside Diameter, Carbon Steel Flat Washer	0.49	0.20
05507-0039	EA 7/16" Inside Diameter, Carbon Steel Flat Washer	0.54	0.20
05507-0040	EA 1/2" Inside Diameter, Carbon Steel Flat Washer	0.61	0.20
05507-0041	EA 9/16" Inside Diameter, Carbon Steel Flat Washer	0.63	0.20
05507-0042	EA 5/8" Inside Diameter, Carbon Steel Flat Washer	0.74	0.20
05507-0043	EA 3/4" Inside Diameter, Carbon Steel Flat Washer	0.88	0.39
05507-0044	EA 7/8" Inside Diameter, Carbon Steel Flat Washer	1.04	0.39
05507-0045	EA 1" Inside Diameter, Carbon Steel Flat Washer	1.22	0.39
05507-0046	EA 1-1/8" Inside Diameter, Carbon Steel Flat Washer	1.43	0.39
05507-0047	EA 1-1/4" Inside Diameter, Carbon Steel Flat Washer	1.62	0.39
05507-0048	EA 1-3/8" Inside Diameter, Carbon Steel Flat Washer	1.97	0.39
05507-0049	EA 1-1/2" Inside Diameter, Carbon Steel Flat Washer	2.16	0.59
05507-0050	EA 1-3/4" Inside Diameter, Carbon Steel Flat Washer	2.54	0.59
05507-0051	EA 2" Inside Diameter, Carbon Steel Flat Washer	2.93	0.59

05507-0052 304 Stainless Steel Flat Washers (05507-0034)

05507-0053	EA 1/4" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.42 0.01	0.20
05507-0054	EA 5/16" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.48 0.02	0.20
05507-0055	EA 3/8" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.51 0.02	0.20
05507-0056	EA 7/16" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.60 0.04	0.20
05507-0057	EA 1/2" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.65 0.05	0.20
05507-0058	EA 9/16" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.61 0.04	0.20
05507-0059	EA 5/8" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.81 0.09	0.20
05507-0060	EA 3/4" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	0.83 0.09	0.39
05507-0061	EA 7/8" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	1.37 0.25	0.39
05507-0062	EA 1" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	1.58 0.30	0.39
05507-0063	EA 1-1/8" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	2.16 0.46	0.39
05507-0064	EA 1-1/4" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	2.53 0.55	0.39
05507-0065	EA 1-3/8" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	2.90 0.65	0.39
05507-0066	EA 1-1/2" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	3.04 0.69	0.59
05507-0067	EA 1-3/4" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	4.01 0.98	0.59
05507-0068	EA 2" Inside Diameter, 304 Stainless Steel Flat Washer..... <i>05MOD-0039 For 316 Stainless Steel, Add</i>	5.00 1.29	0.59



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05507-0069	Split Lock Washers <small>(05507)</small>		
05507-0070	Carbon Steel Split Lock Washer <small>(05507-0069)</small>		
	Note: Zinc plated.		
05507-0071	EA 1/4" Inside Diameter, Carbon Steel Split Lock Washer.....	0.41	0.20
05507-0072	EA 5/16" Inside Diameter, Carbon Steel Split Lock Washer.....	0.45	0.20
05507-0073	EA 3/8" Inside Diameter, Carbon Steel Split Lock Washer.....	0.48	0.20
05507-0074	EA 7/16" Inside Diameter, Carbon Steel Split Lock Washer.....	0.52	0.20
05507-0075	EA 1/2" Inside Diameter, Carbon Steel Split Lock Washer.....	0.56	0.20
05507-0076	EA 9/16" Inside Diameter, Carbon Steel Split Lock Washer.....	0.60	0.20
05507-0077	EA 5/8" Inside Diameter, Carbon Steel Split Lock Washer.....	0.64	0.20
05507-0078	EA 3/4" Inside Diameter, Carbon Steel Split Lock Washer.....	0.75	0.39
05507-0079	EA 7/8" Inside Diameter, Carbon Steel Split Lock Washer.....	0.89	0.39
05507-0080	EA 1" Inside Diameter, Carbon Steel Split Lock Washer.....	1.12	0.39
05507-0081	EA 1-1/8" Inside Diameter, Carbon Steel Split Lock Washer.....	1.62	0.39
05507-0082	EA 1-1/4" Inside Diameter, Carbon Steel Split Lock Washer.....	2.31	0.39
05507-0083	EA 1-3/8" Inside Diameter, Carbon Steel Split Lock Washer.....	3.68	0.39
05507-0084	EA 1-1/2" Inside Diameter, Carbon Steel Split Lock Washer.....	3.64	0.59
05507-0085	EA 1-3/4" Inside Diameter, Carbon Steel Split Lock Washer.....	4.75	0.59
05507-0086	EA 2" Inside Diameter, Carbon Steel Split Lock Washer.....	7.05	0.59
05507-0087	316 Stainless Steel Split Lock Washers <small>(05507-0069)</small>		
05507-0088	EA 1/4" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	0.47	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.03</i>	
05507-0089	EA 5/16" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	0.55	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.04</i>	
05507-0090	EA 3/8" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	0.64	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.06</i>	
05507-0091	EA 7/16" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	0.81	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.11</i>	
05507-0092	EA 1/2" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	0.89	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.13</i>	
05507-0093	EA 9/16" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	1.13	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.20</i>	
05507-0094	EA 5/8" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	1.38	0.20
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.28</i>	
05507-0095	EA 3/4" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	2.15	0.39
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.51</i>	
05507-0096	EA 7/8" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	3.28	0.39
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>0.87</i>	
05507-0097	EA 1" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	4.33	0.39
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>1.18</i>	
05507-0098	EA 1-1/8" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	5.39	0.39
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>1.49</i>	
05507-0099	EA 1-1/4" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	6.32	0.39
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>1.76</i>	
05507-0100	EA 1-3/8" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	9.29	0.39
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>2.70</i>	
05507-0101	EA 1-1/2" Inside Diameter, 316 Stainless Steel Split Lock Washer.....	12.25	0.59
	<i>05MOD-0039 For 316 Stainless Steel, Add</i>	<i>3.64</i>	
05510	Metal Stairs <small>(05500)</small>		
	Note: Includes factory prime.		
05510-0001	Open Steel Grating Tread Metal Stair And Landing <small>(05510)</small>		
	Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05510-0002	RSR 3'-6" Wide Open Steel Grating Tread Metal Stair.....	255.06	30.77
	<i>05MOD-0040 For Closed Riser, Add</i>	<i>29.77</i>	
	<i>05MOD-0041 For Galvanized Steel, Add</i>	<i>48.38</i>	
05510-0003	RSR 4'-0" Wide Open Steel Grating Tread Metal Stair.....	273.51	35.39
	<i>05MOD-0040 For Closed Riser, Add</i>	<i>31.66</i>	
	<i>05MOD-0041 For Galvanized Steel, Add</i>	<i>50.68</i>	
05510-0004	RSR 5'-0" Wide Open Steel Grating Tread Metal Stair.....	304.25	41.55
	<i>05MOD-0040 For Closed Riser, Add</i>	<i>34.98</i>	
	<i>05MOD-0041 For Galvanized Steel, Add</i>	<i>55.29</i>	
05510-0005	SF Steel Grating Landing With Framing And 2 Pipe Handrail.....	48.56	3.85
	Note: Conventional shape.		
	<i>05MOD-0041 For Galvanized Steel, Add</i>	<i>8.29</i>	
05510-0006	Open Concrete Filled Metal Pan Stair And Landing <small>(05510)</small>		
	Note: Includes steel stringer, safety nosing and concrete. Excludes handrail. See CSI section 05521-0000 for handrail.		
05510-0007	RSR 3'-6" Wide Open Concrete Filled Metal Pan Tread Stair.....	507.81	23.08
	<i>05MOD-0042 For Closed Riser, Add</i>	<i>57.77</i>	
05510-0008	RSR 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair.....	577.70	26.92
	<i>05MOD-0042 For Closed Riser, Add</i>	<i>65.63</i>	
05510-0009	RSR 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair.....	644.96	31.55
	<i>05MOD-0042 For Closed Riser, Add</i>	<i>73.07</i>	
05510-0010	SF Concrete Filled Steel Pan Landing.....	68.19	3.85
	Note: Conventional shape.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05510-0011	Open Cast Iron Tread Stair <small>(05510)</small>		
	Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05510-0012	RSR 3'-6" Wide Open Cast Iron Tread Stair 350.11	350.11	30.77
	05MOD-0043 For Closed Riser, Add 29.80	29.80	
05510-0013	RSR 4'-0" Wide Open Cast Iron Tread Stair 395.73	395.73	35.39
	05MOD-0043 For Closed Riser, Add 33.58	33.58	
05510-0014	RSR 5'-0" Wide Open Cast Iron Tread Stair 437.58	437.58	41.55
	05MOD-0043 For Closed Riser, Add 37.07	37.07	
05510-0015	Nosing, Stair Or Platform <small>(05510)</small>		
05510-0016	LF 1/4" Cast Aluminum Abrasive Nosing, 3" Wide, 1/4" Lip 6.82	6.82	1.54
05510-0017	LF 1/4" Cast Aluminum Abrasive Nosing, 4" Wide, 1/4" Lip 7.90	7.90	1.54
05510-0018	LF 5/16" Thick Cast Iron Abrasive Nosing, Diamond Pattern, 3" Wide 27.52	27.52	3.01
05510-0019	LF 5/16" Thick Cast Iron Abrasive Nosing, Diamond Pattern, 4" Wide 35.90	35.90	3.01
05510-0020	LF 3/8" Curb Nosing, Cast Iron, Diamond Pattern, 1-1/2" x 1-1/2" 21.31	21.31	3.01
05510-0021	LF 1-1/2" x 1-1/2" x 3/8" Thick Curb Nosing, Cast Aluminum, Diamond Pattern 22.98	22.98	3.01
05510-0022	LF 3/8" Thick, Heavy Duty Cast Iron Stair / Platform Nosing, 4" Wide 24.37	24.37	3.01
05510-0023	LF 1/2" Curb Nosing, Cast Iron, Diamond Pattern, 2-1/2" x 2-1/2" 39.73	39.73	3.08
05510-0024	LF 2-1/2" x 2-1/2" x 1/2" Thick Curb Nosing, Cast Aluminum, Diamond Pattern 44.32	44.32	3.08
05510-0025	LF Abrasive Yellow Riser 45.67	45.67	3.85
05510-0026	LF 3/8" Thick, Cast Abrasive Bronze Stair Nosing 63.94	63.94	3.01
05510-0027	LF 3/8" Thick, Cast Bronze Stair Tread Nosing 55.00	55.00	3.01
05510-0028	Stair Treads <small>(05510)</small>		
	Note: Excludes stringers		
05510-0029	LF 5/16" Cast Aluminum Stair Tread Abrasive, 12" Wide 53.74	53.74	9.90
05510-0030	LF 3/8" Cast Aluminum Stair Tread Abrasive, 12" Wide 55.48	55.48	9.90
05510-0031	LF 1/2" Cast Aluminum Stair Tread Abrasive, 12" Wide 60.79	60.79	9.90
05510-0032	LF 3/8" Cast Iron Stair Tread Abrasive, 12" Wide 58.26	58.26	9.90
05510-0033	LF 1/2" Cast Iron Stair Tread Abrasive, 12" Wide 64.82	64.82	9.90
05510-0034	SF 1-1/2" Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, 12" Wide 38.45	38.45	7.93
05510-0035	SF Abrasive Metal Landings 76.63	76.63	7.13
05510-0036	LF 9/32" Extruded Aluminum Stair Tread Abrasive, 11" - 12" Wide For Resurfacing Stairs 16.69	16.69	3.96
	05MOD-0044 For 9", Deduct -4.21	-4.21	
05510-0037	LF 5/16" Extruded Aluminum Stair Tread Abrasive, 11" - 12" Wide For Resurfacing Stairs 22.26	22.26	3.96
	05MOD-0045 For 9", Deduct -5.12	-5.12	
05510-0038	Industrial Ship Ladder, Incline Stairs <small>(05510)</small>		
	Note: Includes factory prime		
05510-0039	RSR 3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side 192.76	192.76	38.47
	05MOD-0046 For Aluminum, Add 57.91	57.91	
05511	Metal Ladders <small>(05500)</small>		
	Note: Includes factory prime.		
05511-0001	Vertical Ladders <small>(05511)</small>		
05511-0002	VLF 20" Wide Vertical Steel Ladder Primed 71.37	71.37	9.23
	05MOD-0047 For Galvanized Steel, Add 10.60	10.60	
	05MOD-0048 For Aluminum, Add 21.21	21.21	
05511-0003	VLF 24" Wide Vertical Steel Ladder Primed 82.12	82.12	9.23
	05MOD-0047 For Galvanized Steel, Add 13.29	13.29	
	05MOD-0048 For Aluminum, Add 26.58	26.58	
05511-0004	VLF 20" Wide Vertical Steel Caged Ladder Primed 133.86	133.86	15.39
	05MOD-0047 For Galvanized Steel, Add 21.21	21.21	
	05MOD-0048 For Aluminum, Add 42.41	42.41	
05511-0005	VLF 24" Wide Vertical Steel Caged Ladder Primed 155.36	155.36	15.39
	05MOD-0047 For Galvanized Steel, Add 26.58	26.58	
	05MOD-0048 For Aluminum, Add 53.16	53.16	
05511-0006	Vertical Ladders With Alternating Tread <small>(05511)</small>		
05511-0007	EA 4' Vertical Height Aluminum Alternating Tread Ladder 1,300.13	1,300.13	115.40
	05MOD-0049 For Stainless Steel, Add 196.80	196.80	
	05MOD-0050 For Primed Steel, Deduct -191.42	-191.42	
05511-0008	EA 5' Vertical Height Aluminum Alternating Tread Ladder 1,481.17	1,481.17	122.33
	05MOD-0051 For Stainless Steel, Add 240.90	240.90	
	05MOD-0052 For Primed Steel, Deduct -223.30	-223.30	
05511-0009	EA 6' Vertical Height Aluminum Alternating Tread Ladder 1,632.71	1,632.71	122.33
	05MOD-0053 For Stainless Steel, Add 288.67	288.67	
	05MOD-0054 For Primed Steel, Deduct -241.55	-241.55	
05511-0010	EA 7' Vertical Height Aluminum Alternating Tread Ladder 1,875.45	1,875.45	153.72
	05MOD-0055 For Stainless Steel, Add 347.24	347.24	
	05MOD-0056 For Primed Steel, Deduct -256.61	-256.61	
05511-0011	EA 8' Vertical Height Aluminum Alternating Tread Ladder 2,051.02	2,051.02	159.17
	05MOD-0057 For Stainless Steel, Add 388.99	388.99	
	05MOD-0058 For Primed Steel, Deduct -298.53	-298.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05511-0012 EA 9' Vertical Height Aluminum Alternating Tread Ladder	2,184.92	159.17
05MOD-0059 For Stainless Steel, Add	453.51	
05MOD-0060 For Primed Steel, Deduct	-293.53	
05511-0013 EA 10' Vertical Height Aluminum Alternating Tread Ladder.....	2,401.75	177.55
05MOD-0061 For Stainless Steel, Add	497.40	
05MOD-0062 For Primed Steel, Deduct	-327.55	
05511-0014 EA 11' Vertical Height Aluminum Alternating Tread Ladder.....	2,551.77	177.55
05MOD-0063 For Stainless Steel, Add	546.61	
05MOD-0064 For Primed Steel, Deduct	-347.07	
05511-0015 EA 12' Vertical Height Aluminum Alternating Tread Ladder.....	2,668.50	177.55
05MOD-0065 For Stainless Steel, Add	623.99	
05MOD-0066 For Primed Steel, Deduct	-346.65	

05511-0016

Welded Steel Ladder Cages (05511)

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05511-0017

Powder Coated, Welded Steel Ladder Cages (05511-0016)

05511-0018 EA 7-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,083.49	115.40
05511-0019 EA 8-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,173.01	119.25
05511-0020 EA 9-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,244.75	123.10
05511-0021 EA 10-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,321.21	126.95
05511-0022 EA 11-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,366.86	130.79
05511-0023 EA 12-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,439.78	134.64
05511-0024 EA 13-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,504.40	138.49
05511-0025 EA 14-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,588.00	142.34
05511-0026 EA 15-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,669.20	146.19
05511-0027 EA 16-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,736.20	150.03
05511-0028 EA 17-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,817.41	153.88
05511-0029 EA 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,896.27	157.72
05511-0030 EA 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	1,973.93	161.57
05511-0031 EA 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,113.26	165.41
05511-0032 EA 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,156.53	169.26
05511-0033 EA 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,229.45	173.11
05511-0034 EA 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,296.44	176.96
05511-0035 EA 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,358.68	180.81
05511-0036 EA 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,494.46	184.65
05511-0037 EA 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,568.56	188.50
05511-0038 EA 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage.....	2,637.92	192.35

05511-0039

Stainless Steel, Welded Steel Ladder Cages (05511-0016)

05511-0040 EA 7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	2,485.77	115.40
05511-0041 EA 8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	2,653.08	119.25
05511-0042 EA 9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	2,930.19	123.10
05511-0043 EA 10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,068.05	126.95
05511-0044 EA 11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,184.43	130.79
05511-0045 EA 12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,338.16	134.64
05511-0046 EA 13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,613.00	138.49
05511-0047 EA 14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,753.14	142.34
05511-0048 EA 15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	3,897.80	146.19
05511-0049 EA 16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,056.05	150.03
05511-0050 EA 17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,336.56	153.88
05511-0051 EA 18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,477.83	157.72
05511-0052 EA 19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,612.31	161.57
05511-0053 EA 20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	4,833.96	165.41
05511-0054 EA 21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,082.76	169.26
05511-0055 EA 22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,221.77	173.11
05511-0056 EA 23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,364.17	176.96
05511-0057 EA 24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,497.52	180.81
05511-0058 EA 25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,836.89	184.65
05511-0059 EA 26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	5,970.24	188.50
05511-0060 EA 27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage.....	6,106.98	192.35

05521 Pipe And Tube Railing (05500)

Note: Includes sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary). See CSI section 16452-0000 for grounding of posts.

05521-0001

Welded Steel Pipe Railing (05521)

Note: Includes field welds and touch-up of welds.

05521-0002

Two Rail Welded Steel Pipe Railing, Up To 42" High (05521-0001)

Note: Includes standards and two rails factory primed.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05521-0003 LF 1" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	30.93	7.70
05MOD-0067 For Schedule 80 Handrail, Add	2.81	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	11.57	
05MOD-0085 For Aluminum, Satin Finish, Add	6.53	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	10.10	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	11.66	
05MOD-0088 For Galvanizing, Add	6.22	
05MOD-0089 For Wrought Iron, Add	3.09	
05MOD-0090 For Solid Steel Rails, Add	6.19	
05MOD-0091 For 304 Stainless Steel, Add	49.73	
05MOD-0092 For 316 Stainless Steel, Add	55.94	
05MOD-0093 For 2" Wheel Guard, Add	1.48	
05MOD-0094 For 4" High Kick Plate, Add	1.94	
05MOD-0095 For 6" High Kick Plate, Add	3.11	
05MOD-0096 For Curved Rail, Add	13.94	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	3.86	
05MOD-0099 For Mounting On Slopes, Add	1.54	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.04	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.81	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	11.62	
05MOD-0103 For Nylon Coating, Add	2.33	
05521-0004 LF 1-1/2" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	36.29	7.70
05MOD-0070 For Schedule 80 Handrail, Add	4.20	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	11.57	
05MOD-0085 For Aluminum, Satin Finish, Add	8.78	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	13.59	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	15.68	
05MOD-0088 For Galvanizing, Add	8.36	
05MOD-0089 For Wrought Iron, Add	3.63	
05MOD-0090 For Solid Steel Rails, Add	7.26	
05MOD-0091 For 304 Stainless Steel, Add	66.88	
05MOD-0092 For 316 Stainless Steel, Add	75.24	
05MOD-0093 For 2" Wheel Guard, Add	1.99	
05MOD-0094 For 4" High Kick Plate, Add	2.61	
05MOD-0095 For 6" High Kick Plate, Add	4.18	
05MOD-0096 For Curved Rail, Add	17.16	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	4.40	
05MOD-0099 For Mounting On Slopes, Add	1.54	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.04	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.81	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	14.30	
05MOD-0103 For Nylon Coating, Add	3.14	
05521-0005 LF 2" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	40.93	7.70
05MOD-0073 For Schedule 80 Handrail, Add	4.76	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	11.57	
05MOD-0085 For Aluminum, Satin Finish, Add	10.73	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	16.60	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	19.16	
05MOD-0088 For Galvanizing, Add	10.22	
05MOD-0089 For Wrought Iron, Add	4.09	
05MOD-0090 For Solid Steel Rails, Add	8.19	
05MOD-0091 For 304 Stainless Steel, Add	81.73	
05MOD-0092 For 316 Stainless Steel, Add	91.94	
05MOD-0093 For 2" Wheel Guard, Add	2.43	
05MOD-0094 For 4" High Kick Plate, Add	3.19	
05MOD-0095 For 6" High Kick Plate, Add	5.11	
05MOD-0096 For Curved Rail, Add	19.94	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	4.86	
05MOD-0099 For Mounting On Slopes, Add	1.54	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.04	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.81	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	16.62	
05MOD-0103 For Nylon Coating, Add	3.83	
05521-0006 LF 2-1/2" Diameter Welded Pipe Handrail, 2 Rail, Up To 42" High With Shop Paint	46.50	7.70
05MOD-0076 For Schedule 80 Handrail, Add	5.33	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	11.57	
05MOD-0085 For Aluminum, Satin Finish, Add	13.07	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	20.22	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	23.33	
05MOD-0088 For Galvanizing, Add	12.44	
05MOD-0089 For Wrought Iron, Add	4.65	
05MOD-0090 For Solid Steel Rails, Add	9.30	
05MOD-0091 For 304 Stainless Steel, Add	99.55	
05MOD-0092 For 316 Stainless Steel, Add	112.00	
05MOD-0093 For 2" Wheel Guard, Add	2.96	
05MOD-0094 For 4" High Kick Plate, Add	3.89	
05MOD-0095 For 6" High Kick Plate, Add	6.22	
05MOD-0096 For Curved Rail, Add	23.28	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	5.42	
05MOD-0099 For Mounting On Slopes, Add	1.54	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.04	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	28.81	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	19.40	
05MOD-0103 For Nylon Coating, Add	4.67	

05000 Metals
05500 Metal Fabrication
05521 Pipe And Tube Railing



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05521-0007	Three Rail Welded Steel Pipe Railing, Up To 42" High <small>(05521-0001)</small> Note: Includes standards and three rails factory primed.		
05521-0008	LF 1" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint .....40.68	40.68	9.23
	05MOD-0068 For Schedule 80 Handrail, Add 4.14	4.14	
	05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add 12.18	12.18	
	05MOD-0085 For Aluminum, Satin Finish, Add 9.33	9.33	
	05MOD-0086 For Aluminum, Clear Anodized Finish, Add 14.44	14.44	
	05MOD-0087 For Aluminum, Dark Anodized Finish, Add 16.67	16.67	
	05MOD-0088 For Galvanizing, Add 8.89	8.89	
	05MOD-0089 For Wrought Iron, Add 4.07	4.07	
	05MOD-0090 For Solid Steel Rails, Add 8.14	8.14	
	05MOD-0091 For 304 Stainless Steel, Add 71.10	71.10	
	05MOD-0092 For 316 Stainless Steel, Add 79.99	79.99	
	05MOD-0093 For 2" Wheel Guard, Add 2.11	2.11	
	05MOD-0094 For 4" High Kick Plate, Add 2.78	2.78	
	05MOD-0095 For 6" High Kick Plate, Add 4.44	4.44	
	05MOD-0096 For Curved Rail, Add 18.87	18.87	
	05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add 11.20	11.20	
	05MOD-0098 For Mounting On Stairs, Add 4.99	4.99	
	05MOD-0099 For Mounting On Slopes, Add 1.85	1.85	
	05MOD-0100 For Post Base Flange With Screws, Add Per Post 19.35	19.35	
	05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post 29.27	29.27	
	05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add 15.73	15.73	
	05MOD-0103 For Nylon Coating, Add 3.33	3.33	
05521-0009	LF 1-1/2" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint .....48.33	48.33	9.23
	05MOD-0071 For Schedule 80 Handrail, Add 5.99	5.99	
	05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add 12.18	12.18	
	05MOD-0085 For Aluminum, Satin Finish, Add 12.55	12.55	
	05MOD-0086 For Aluminum, Clear Anodized Finish, Add 19.42	19.42	
	05MOD-0087 For Aluminum, Dark Anodized Finish, Add 22.40	22.40	
	05MOD-0088 For Galvanizing, Add 11.95	11.95	
	05MOD-0089 For Wrought Iron, Add 4.83	4.83	
	05MOD-0090 For Solid Steel Rails, Add 9.67	9.67	
	05MOD-0091 For 304 Stainless Steel, Add 95.58	95.58	
	05MOD-0092 For 316 Stainless Steel, Add 107.53	107.53	
	05MOD-0093 For 2" Wheel Guard, Add 2.84	2.84	
	05MOD-0094 For 4" High Kick Plate, Add 3.73	3.73	
	05MOD-0095 For 6" High Kick Plate, Add 5.97	5.97	
	05MOD-0096 For Curved Rail, Add 23.46	23.46	
	05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add 11.20	11.20	
	05MOD-0098 For Mounting On Stairs, Add 5.76	5.76	
	05MOD-0099 For Mounting On Slopes, Add 1.85	1.85	
	05MOD-0100 For Post Base Flange With Screws, Add Per Post 19.35	19.35	
	05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post 29.27	29.27	
	05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add 19.55	19.55	
	05MOD-0103 For Nylon Coating, Add 4.48	4.48	
05521-0010	LF 2" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint .....54.98	54.98	9.23
	05MOD-0074 For Schedule 80 Handrail, Add 6.74	6.74	
	05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add 12.18	12.18	
	05MOD-0085 For Aluminum, Satin Finish, Add 15.34	15.34	
	05MOD-0086 For Aluminum, Clear Anodized Finish, Add 23.74	23.74	
	05MOD-0087 For Aluminum, Dark Anodized Finish, Add 27.39	27.39	
	05MOD-0088 For Galvanizing, Add 14.61	14.61	
	05MOD-0089 For Wrought Iron, Add 5.50	5.50	
	05MOD-0090 For Solid Steel Rails, Add 11.00	11.00	
	05MOD-0091 For 304 Stainless Steel, Add 116.86	116.86	
	05MOD-0092 For 316 Stainless Steel, Add 131.47	131.47	
	05MOD-0093 For 2" Wheel Guard, Add 3.47	3.47	
	05MOD-0094 For 4" High Kick Plate, Add 4.57	4.57	
	05MOD-0095 For 6" High Kick Plate, Add 7.30	7.30	
	05MOD-0096 For Curved Rail, Add 27.45	27.45	
	05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add 11.20	11.20	
	05MOD-0098 For Mounting On Stairs, Add 6.42	6.42	
	05MOD-0099 For Mounting On Slopes, Add 1.85	1.85	
	05MOD-0100 For Post Base Flange With Screws, Add Per Post 19.35	19.35	
	05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post 29.27	29.27	
	05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add 22.88	22.88	
	05MOD-0103 For Nylon Coating, Add 5.48	5.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05521-0011 LF 2-1/2" Diameter Welded Pipe Handrail, 3 Rail, Up To 42" High With Shop Paint	62.90	9.23
05MOD-0077 For Schedule 80 Handrail, Add	7.50	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	12.18	
05MOD-0085 For Aluminum, Satin Finish, Add	18.66	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	28.89	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	33.33	
05MOD-0088 For Galvanizing, Add	17.78	
05MOD-0089 For Wrought Iron, Add	6.29	
05MOD-0090 For Solid Steel Rails, Add	12.58	
05MOD-0091 For 304 Stainless Steel, Add	142.21	
05MOD-0092 For 316 Stainless Steel, Add	159.98	
05MOD-0093 For 2" Wheel Guard, Add	4.22	
05MOD-0094 For 4" High Kick Plate, Add	5.56	
05MOD-0095 For 6" High Kick Plate, Add	8.89	
05MOD-0096 For Curved Rail, Add	32.20	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	7.21	
05MOD-0099 For Mounting On Slopes, Add	1.85	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.35	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.27	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	26.84	
05MOD-0103 For Nylon Coating, Add	6.67	
05521-0012 Four Rail Welded Steel Pipe Railing, Up To 42" High (05521-0001)		
Note: Includes standards and four rails factory primed.		
05521-0013 LF 1" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	48.81	10.78
05MOD-0069 For Schedule 80 Handrail, Add	5.67	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	12.80	
05MOD-0085 For Aluminum, Satin Finish, Add	11.45	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	17.73	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	20.45	
05MOD-0088 For Galvanizing, Add	10.91	
05MOD-0089 For Wrought Iron, Add	4.88	
05MOD-0090 For Solid Steel Rails, Add	9.76	
05MOD-0091 For 304 Stainless Steel, Add	87.26	
05MOD-0092 For 316 Stainless Steel, Add	98.17	
05MOD-0093 For 2" Wheel Guard, Add	2.59	
05MOD-0094 For 4" High Kick Plate, Add	3.41	
05MOD-0095 For 6" High Kick Plate, Add	5.45	
05MOD-0096 For Curved Rail, Add	22.82	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	5.96	
05MOD-0099 For Mounting On Slopes, Add	2.15	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.65	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.73	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	19.02	
05MOD-0103 For Nylon Coating, Add	4.09	
05521-0014 LF 1-1/2" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	55.60	10.78
05MOD-0072 For Schedule 80 Handrail, Add	7.99	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	12.80	
05MOD-0085 For Aluminum, Satin Finish, Add	14.31	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	22.14	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	25.55	
05MOD-0088 For Galvanizing, Add	13.62	
05MOD-0089 For Wrought Iron, Add	5.56	
05MOD-0090 For Solid Steel Rails, Add	11.12	
05MOD-0091 For 304 Stainless Steel, Add	108.99	
05MOD-0092 For 316 Stainless Steel, Add	122.62	
05MOD-0093 For 2" Wheel Guard, Add	3.24	
05MOD-0094 For 4" High Kick Plate, Add	4.26	
05MOD-0095 For 6" High Kick Plate, Add	6.81	
05MOD-0096 For Curved Rail, Add	26.90	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	6.64	
05MOD-0099 For Mounting On Slopes, Add	2.15	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.65	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.73	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	22.42	
05MOD-0103 For Nylon Coating, Add	5.11	

05000 Metals
05500 Metal Fabrication
05521 Pipe And Tube Railing



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05521-0015 LF 2" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	63.17	10.78
05MOD-0075 For Schedule 80 Handrail, Add	8.92	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	12.80	
05MOD-0085 For Aluminum, Satin Finish, Add	17.48	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	27.06	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	31.22	
05MOD-0088 For Galvanizing, Add	16.65	
05MOD-0089 For Wrought Iron, Add	6.32	
05MOD-0090 For Solid Steel Rails, Add	12.63	
05MOD-0091 For 304 Stainless Steel, Add	133.22	
05MOD-0092 For 316 Stainless Steel, Add	149.87	
05MOD-0093 For 2" Wheel Guard, Add	3.95	
05MOD-0094 For 4" High Kick Plate, Add	5.20	
05MOD-0095 For 6" High Kick Plate, Add	8.33	
05MOD-0096 For Curved Rail, Add	31.44	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	7.39	
05MOD-0099 For Mounting On Slopes, Add	2.15	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.65	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.73	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	26.20	
05MOD-0103 For Nylon Coating, Add	6.24	
05521-0016 LF 2-1/2" Diameter Welded Pipe Handrail, 4 Rail, Up To 42" High With Shop Paint	72.04	10.78
05MOD-0078 For Schedule 80 Handrail, Add	9.87	
05MOD-0084 For Additional Off Set Handrail, ADA Attachment, Add	12.80	
05MOD-0085 For Aluminum, Satin Finish, Add	21.21	
05MOD-0086 For Aluminum, Clear Anodized Finish, Add	32.83	
05MOD-0087 For Aluminum, Dark Anodized Finish, Add	37.88	
05MOD-0088 For Galvanizing, Add	20.20	
05MOD-0089 For Wrought Iron, Add	7.20	
05MOD-0090 For Solid Steel Rails, Add	14.41	
05MOD-0091 For 304 Stainless Steel, Add	161.60	
05MOD-0092 For 316 Stainless Steel, Add	181.80	
05MOD-0093 For 2" Wheel Guard, Add	4.80	
05MOD-0094 For 4" High Kick Plate, Add	6.31	
05MOD-0095 For 6" High Kick Plate, Add	10.10	
05MOD-0096 For Curved Rail, Add	36.76	
05MOD-0097 For Handrail With Supported Safety Edge Expanded Metal Panels, Add	11.20	
05MOD-0098 For Mounting On Stairs, Add	8.28	
05MOD-0099 For Mounting On Slopes, Add	2.15	
05MOD-0100 For Post Base Flange With Screws, Add Per Post	19.65	
05MOD-0101 For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.73	
05MOD-0102 For Custom Design Or Shapes (Square Tops, etc), Add	30.64	
05MOD-0103 For Nylon Coating, Add	7.58	
05521-0017 Welded Steel Wall Rail With Brackets <small>(05521)</small>		
Note: Includes factory primed, fasteners and field touch-up of welds.		
05521-0018 LF 1" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	23.44	4.62
05MOD-0079 For Schedule 80 Handrail, Add	1.64	
05MOD-0104 For Stainless Steel, Add	23.80	
05MOD-0105 For Aluminum, Satin Finish, Add	5.00	
05MOD-0106 For Curved Rail, Add	7.03	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	7.74	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	8.93	
05MOD-0109 For Galvanized Finish, Add	3.57	
05521-0019 LF 1-1/4" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	23.82	4.62
05MOD-0080 For Schedule 80 Handrail, Add	1.87	
05MOD-0104 For Stainless Steel, Add	24.56	
05MOD-0105 For Aluminum, Satin Finish, Add	5.16	
05MOD-0106 For Curved Rail, Add	7.15	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	7.98	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	9.21	
05MOD-0109 For Galvanized Finish, Add	3.68	
05521-0020 LF 1-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	24.21	4.62
05MOD-0081 For Schedule 80 Handrail, Add	4.95	
05MOD-0104 For Stainless Steel, Add	25.34	
05MOD-0105 For Aluminum, Satin Finish, Add	5.32	
05MOD-0106 For Curved Rail, Add	7.26	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	8.24	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	9.50	
05MOD-0109 For Galvanized Finish, Add	3.80	
05521-0021 LF 2" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	28.62	4.62
05MOD-0082 For Schedule 80 Handrail, Add	2.29	
05MOD-0104 For Stainless Steel, Add	34.16	
05MOD-0105 For Aluminum, Satin Finish, Add	7.17	
05MOD-0106 For Curved Rail, Add	8.59	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	11.10	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	12.81	
05MOD-0109 For Galvanized Finish, Add	5.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05521-0022 LF 2-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe With Brackets And Shop Paint	32.27	4.62
05MOD-0083 For Schedule 80 Handrail, Add	2.48	
05MOD-0104 For Stainless Steel, Add	41.46	
05MOD-0105 For Aluminum, Satin Finish, Add	8.71	
05MOD-0106 For Curved Rail, Add	9.68	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	13.47	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	15.55	
05MOD-0109 For Galvanized Finish, Add	6.22	
05521-0023 Welded Steel Wall Rail With Brackets, Custom Shapes <small>(05521)</small>		
Note: Includes factory primed, fasteners and field touch-up of welds.		
05521-0024 LF 1" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	27.95	4.85
05MOD-0079 For Schedule 80 Handrail, Add	1.64	
05MOD-0104 For Stainless Steel, Add	32.82	
05MOD-0105 For Aluminum, Satin Finish, Add	6.89	
05MOD-0106 For Curved Rail, Add	8.39	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	10.67	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	12.31	
05MOD-0109 For Galvanized Finish, Add	4.92	
05521-0025 LF 1-1/4" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	28.49	4.85
05MOD-0080 For Schedule 80 Handrail, Add	1.87	
05MOD-0104 For Stainless Steel, Add	33.90	
05MOD-0105 For Aluminum, Satin Finish, Add	7.12	
05MOD-0106 For Curved Rail, Add	8.55	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	11.02	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	12.71	
05MOD-0109 For Galvanized Finish, Add	5.09	
05521-0026 LF 1-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	28.89	4.85
05MOD-0081 For Schedule 80 Handrail, Add	4.95	
05MOD-0104 For Stainless Steel, Add	34.70	
05MOD-0105 For Aluminum, Satin Finish, Add	7.29	
05MOD-0106 For Curved Rail, Add	8.67	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	11.28	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	13.01	
05MOD-0109 For Galvanized Finish, Add	5.21	
05521-0027 LF 2" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	35.05	4.85
05MOD-0082 For Schedule 80 Handrail, Add	2.29	
05MOD-0104 For Stainless Steel, Add	47.02	
05MOD-0105 For Aluminum, Satin Finish, Add	9.87	
05MOD-0106 For Curved Rail, Add	10.52	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	15.28	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	17.63	
05MOD-0109 For Galvanized Finish, Add	7.05	
05521-0028 LF 2-1/2" Diameter Welded Pipe Wall Handrail Steel Pipe, Custom Shapes With Brackets And Shop Paint	39.08	4.85
05MOD-0083 For Schedule 80 Handrail, Add	2.48	
05MOD-0104 For Stainless Steel, Add	55.08	
05MOD-0105 For Aluminum, Satin Finish, Add	11.57	
05MOD-0106 For Curved Rail, Add	11.72	
05MOD-0107 For Aluminum, Clear Anodized Finish, Add	17.90	
05MOD-0108 For Aluminum, Dark Anodized Finish, Add	20.66	
05MOD-0109 For Galvanized Finish, Add	8.26	
05521-0029 Remove And Reinstall Pipe Railing <small>(05521)</small>		
05521-0030 LF Remove And Reinstall Railing, Wall Mounted, Including Brackets	17.31	
05521-0031 LF Remove And Reinstall Railing, Floor Mounted Railing	22.59	
05521-0032 EA Install New Railing Bracket	47.19	
05MOD-0110 For Stainless Steel, Add	48.22	
05525 Protective Guards <small>(05500)</small>		
05525-0001 Protective Guard Rails <small>(05525)</small>		
Note: Includes painted finish.		
05525-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05525-0001)</small>		
Note: Steel King Armor Guard.		
05525-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05525-0002)</small>		
Note: Excludes posts. Includes fasteners.		
05525-0004 EA 1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	98.36	11.60
05525-0005 EA 2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	115.31	11.60
05525-0006 EA 3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	131.30	11.60
05525-0007 EA 4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	148.26	11.60
05525-0008 EA 5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	164.34	11.60
05525-0009 EA 6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	185.19	11.60
05525-0010 EA 7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	199.39	11.60
05525-0011 EA 8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	221.38	11.60
05525-0012 EA 9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	235.82	11.60
05525-0013 EA 10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	246.13	11.60
05525-0014 Posts For 2-Rib Guard Rails <small>(05525-0002)</small>		
Note: Includes drilling, surface mounting plate and anchors.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05525-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	198.59	24.15
05525-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	257.46	24.15
05525-0017		3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05525-0001)</small> Note: Steel King Steel Guard.		
05525-0018		Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05525-0017)</small> Note: Excludes posts. Includes fasteners.		
05525-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	108.58	11.60
05525-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	119.85	11.60
05525-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	133.91	11.60
05525-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	147.06	11.60
05525-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	162.28	11.60
05525-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	169.61	11.60
05525-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	187.25	11.60
05525-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	202.14	11.60
05525-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	217.95	11.60
05525-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	233.98	11.60
05525-0029		Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05525-0017)</small> Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05525-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	159.30	11.60
05525-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	171.67	11.60
05525-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	184.50	11.60
05525-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	199.39	11.60
05525-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	214.28	11.60
05525-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	226.42	11.60
05525-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	240.40	11.60
05525-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	256.21	11.60
05525-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	273.16	11.60
05525-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	288.05	11.60
05525-0040		Posts For 3-Rib Guard Rails <small>(05525-0017)</small> Note: Includes drilling, surface mounting plate and anchors.		
05525-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	175.13	24.15
05525-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	222.87	24.15
05525-0043		All-Welded, Protective Guards <small>(05525)</small> Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05525-0044		All-Welded, Protective Guards <small>(05525-0043)</small>		
05525-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	228.66	32.21
05525-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	240.12	32.21
05525-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	246.76	32.21
05525-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	256.61	32.21
05525-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	254.32	32.21
05525-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	266.46	32.21
05525-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	269.90	32.21
05525-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	273.79	32.21
05525-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	292.35	32.21
05525-0054		Corner Style, All-Welded, Protective Guards <small>(05525-0043)</small>		
05525-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	299.68	32.21
05525-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	313.43	32.21
05525-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	319.16	32.21
05525-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	347.33	32.21
05525-0059		Warehouse Safety Bollards <small>(05525)</small> Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05525-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	146.67	24.15
05525-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	169.30	24.15
05525-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	193.26	24.15
05525-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	199.82	24.15
05525-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	214.94	24.15
05530		Grating <small>(05500)</small>		
05530-0001		Welded Grating <small>(05530)</small> Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.		
05530-0002		Steel, Welded Grating <small>(05530-0001)</small> Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0003	SF 3/4" x 1/8" Steel, Welded Grating 8.63		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	1.18	
	05MOD-0114 For 304 Stainless Steel, Add	22.28	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	2.03	
	05MOD-0121 For Crossbars At 2" O.C., Add	0.75	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.31	
05530-0004	SF 3/4" x 3/16" Steel, Welded Grating 11.50		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	1.67	
	05MOD-0114 For 304 Stainless Steel, Add	31.49	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	2.86	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.06	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.38	
05530-0005	SF 1" x 1/8" Steel, Welded Grating 10.47		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	1.49	
	05MOD-0114 For 304 Stainless Steel, Add	28.18	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	2.56	
	05MOD-0121 For Crossbars At 2" O.C., Add	0.95	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.35	
05530-0006	SF 1" x 3/16" Steel, Welded Grating 14.37		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	2.16	
	05MOD-0114 For 304 Stainless Steel, Add	40.70	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	3.70	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.37	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.45	
05530-0007	SF 1" x 1/4" Steel, Welded Grating 18.27		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	2.82	
	05MOD-0114 For 304 Stainless Steel, Add	53.22	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	4.84	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.79	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.55	
05530-0008	SF 1-1/4" x 1/8" Steel, Welded Grating 12.34		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	1.81	
	05MOD-0114 For 304 Stainless Steel, Add	34.19	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	3.11	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.15	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.40	
05530-0009	SF 1-1/4" x 3/16" Steel, Welded Grating 17.08		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	2.62	
	05MOD-0114 For 304 Stainless Steel, Add	49.40	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	4.49	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.66	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.52	
05530-0010	SF 1-1/2" x 1/8" Steel, Welded Grating 14.21		0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	2.13	
	05MOD-0114 For 304 Stainless Steel, Add	40.19	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	3.66	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.35	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.45	
05530-0011	SF 1-1/2" x 3/16" Steel, Welded Grating 20.33		1.04
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0112 For Galvanized Steel, Add	3.10	
	05MOD-0114 For 304 Stainless Steel, Add	58.58	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	5.33	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.97	
	05MOD-0122 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.85	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0012 SF 1-1/2" x 1/4" Steel, Welded Grating	26.26	1.04
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0112 For Galvanized Steel, Add	4.11	
05MOD-0114 For 304 Stainless Steel, Add	77.62	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	7.06	
05MOD-0121 For Crossbars At 2" O.C., Add	2.61	
05MOD-0122 For Serrated Wear Surface, Add	0.16	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.00	
05530-0013 SF 1-3/4" x 3/16" Steel, Welded Grating	23.22	1.04
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0112 For Galvanized Steel, Add	3.59	
05MOD-0114 For 304 Stainless Steel, Add	67.86	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	6.17	
05MOD-0121 For Crossbars At 2" O.C., Add	2.28	
05MOD-0122 For Serrated Wear Surface, Add	0.16	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.92	
05530-0014 SF 2" x 3/16" Steel, Welded Grating.....	25.93	1.04
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0112 For Galvanized Steel, Add	4.05	
05MOD-0114 For 304 Stainless Steel, Add	76.56	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	6.96	
05MOD-0121 For Crossbars At 2" O.C., Add	2.58	
05MOD-0122 For Serrated Wear Surface, Add	0.16	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.99	
05530-0015 SF 2-1/4" x 3/16" Steel, Welded Grating	28.80	1.04
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0112 For Galvanized Steel, Add	4.54	
05MOD-0114 For 304 Stainless Steel, Add	85.77	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	7.80	
05MOD-0121 For Crossbars At 2" O.C., Add	2.89	
05MOD-0122 For Serrated Wear Surface, Add	0.16	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.06	
05530-0016 SF 2-1/2" x 3/16" Steel, Welded Grating	31.51	1.04
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0112 For Galvanized Steel, Add	5.00	
05MOD-0114 For 304 Stainless Steel, Add	94.47	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	8.59	
05MOD-0121 For Crossbars At 2" O.C., Add	3.18	
05MOD-0122 For Serrated Wear Surface, Add	0.16	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.13	
05530-0017 Pressure Locked Grating <small>(05530)</small>		
Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05530-0018 Steel, Pressure Locked Grating <small>(05530-0017)</small>		
Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		
05530-0019 SF 3/4" x 1/8" Steel, Pressure Locked Grating.....	16.16	0.84
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0113 For Galvanized Steel, Add	2.37	
05MOD-0115 For 304 Stainless Steel, Add	27.07	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	4.23	
05MOD-0121 For Crossbars At 2" O.C., Add	1.56	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.49	
05530-0020 SF 3/4" x 3/16" Steel, Pressure Locked Grating.....	19.85	0.84
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0113 For Galvanized Steel, Add	2.98	
05MOD-0115 For 304 Stainless Steel, Add	33.98	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	5.30	
05MOD-0121 For Crossbars At 2" O.C., Add	1.96	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.59	
05530-0021 SF 1" x 1/8" Steel, Pressure Locked Grating.....	17.74	0.84
05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0113 For Galvanized Steel, Add	2.63	
05MOD-0115 For 304 Stainless Steel, Add	30.03	
Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
05MOD-0120 For Bearing Bars At 15/16" O.C., Add	4.69	
05MOD-0121 For Crossbars At 2" O.C., Add	1.73	
05MOD-0123 For Serrated Wear Surface, Add	0.16	
05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.53	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0022	SF 1" x 3/16" Steel, Pressure Locked Grating.....	24.08	0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	3.67	
	05MOD-0115 For 304 Stainless Steel, Add	41.89	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0116 For Bearing Bars At 7/16" O.C., Add	32.47	
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	6.54	
	05MOD-0121 For Crossbars At 2" O.C., Add	2.42	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.69	
05530-0023	SF 1-1/4" x 1/8" Steel, Pressure Locked Grating.....	19.85	0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	2.98	
	05MOD-0115 For 304 Stainless Steel, Add	33.98	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	5.30	
	05MOD-0121 For Crossbars At 2" O.C., Add	1.96	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.59	
05530-0024	SF 1-1/4" x 3/16" Steel, Pressure Locked Grating.....	27.02	0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	4.15	
	05MOD-0115 For 304 Stainless Steel, Add	47.39	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	7.40	
	05MOD-0121 For Crossbars At 2" O.C., Add	2.74	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.77	
05530-0025	SF 1-1/2" x 1/8" Steel, Pressure Locked Grating.....	22.07	0.84
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	3.34	
	05MOD-0115 For 304 Stainless Steel, Add	38.13	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	5.95	
	05MOD-0121 For Crossbars At 2" O.C., Add	2.20	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-1.64	
05530-0026	SF 1-1/2" x 3/16" Steel, Pressure Locked Grating.....	30.49	1.04
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	4.66	
	05MOD-0115 For 304 Stainless Steel, Add	53.16	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0117 For Bearing Bars At 7/16" O.C., Add	41.19	
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	8.30	
	05MOD-0121 For Crossbars At 2" O.C., Add	3.07	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.10	
05530-0027	SF 1-3/4" x 3/16" Steel, Pressure Locked Grating.....	33.58	1.04
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	5.17	
	05MOD-0115 For 304 Stainless Steel, Add	58.94	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	9.20	
	05MOD-0121 For Crossbars At 2" O.C., Add	3.40	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.18	
05530-0028	SF 2" x 3/16" Steel, Pressure Locked Grating.....	36.11	1.04
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	5.58	
	05MOD-0115 For 304 Stainless Steel, Add	63.67	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	9.94	
	05MOD-0121 For Crossbars At 2" O.C., Add	3.68	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.24	
05530-0029	SF 2-1/4" x 3/16" Steel, Pressure Locked Grating.....	38.53	1.04
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	5.98	
	05MOD-0115 For 304 Stainless Steel, Add	68.20	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	10.64	
	05MOD-0121 For Crossbars At 2" O.C., Add	3.94	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.30	
05530-0030	SF 2-1/2" x 3/16" Steel, Pressure Locked Grating.....	40.62	1.04
	05MOD-0111 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0113 For Galvanized Steel, Add	6.32	
	05MOD-0115 For 304 Stainless Steel, Add	72.11	
	Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0120 For Bearing Bars At 15/16" O.C., Add	11.25	
	05MOD-0121 For Crossbars At 2" O.C., Add	4.16	
	05MOD-0123 For Serrated Wear Surface, Add	0.16	
	05MOD-0125 For Set In Place Without Bolting Or Tack Welding, Deduct	-2.36	
05530-0031	Aluminum, Type 6063, Pressure Locked Grating <small>(05530-0017)</small> Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	10.15	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	2.47	
	05MOD-0121	For Crossbars At 2" O.C., Add	0.91	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.34	
05530-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	13.62	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	3.48	
	05MOD-0121	For Crossbars At 2" O.C., Add	1.29	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.43	
05530-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	12.87	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	3.26	
	05MOD-0121	For Crossbars At 2" O.C., Add	1.21	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.41	
05530-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	17.36	0.84
	05MOD-0118	For Bearing Bars At 7/16" O.C., Add	22.72	
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	4.58	
	05MOD-0121	For Crossbars At 2" O.C., Add	1.69	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.52	
05530-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	14.85	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	3.84	
	05MOD-0121	For Crossbars At 2" O.C., Add	1.42	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.46	
05530-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	19.74	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	5.27	
	05MOD-0121	For Crossbars At 2" O.C., Add	1.95	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.58	
05530-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	16.70	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	4.38	
	05MOD-0121	For Crossbars At 2" O.C., Add	1.62	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.51	
05530-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	22.19	0.84
	05MOD-0119	For Bearing Bars At 7/16" O.C., Add	29.73	
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	5.99	
	05MOD-0121	For Crossbars At 2" O.C., Add	2.21	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.64	
05530-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	24.53	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	6.67	
	05MOD-0121	For Crossbars At 2" O.C., Add	2.47	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.70	
05530-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	27.32	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	7.48	
	05MOD-0121	For Crossbars At 2" O.C., Add	2.77	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.77	
05530-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	29.50	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	8.12	
	05MOD-0121	For Crossbars At 2" O.C., Add	3.00	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.83	
05530-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	32.10	0.84
	05MOD-0120	For Bearing Bars At 15/16" O.C., Add	8.88	
	05MOD-0121	For Crossbars At 2" O.C., Add	3.28	
	05MOD-0124	For Serrated Wear Surface, Add	0.16	
	05MOD-0126	For Set In Place Without Bolting, Deduct	-1.89	
05530-0044		Swage Locked Grating ⁽⁰⁵⁵³⁰⁾		
		Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
05530-0045		Steel, Swage Locked Grating ⁽⁰⁵⁵³⁰⁻⁰⁰⁴⁴⁾		
		Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		
05530-0046	SF	1" x 3/16" Steel, Swaged Grating	26.34	0.84
	05MOD-0127	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0128	For Galvanized Steel, Add	2.27	
	05MOD-0129	For 304 Stainless Steel, Add	40.87	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
	05MOD-0130	For Bearing Bars At 15/16" O.C., Add	15.78	
	05MOD-0131	For Crossbars At 2" O.C., Add	1.97	
	05MOD-0132	For Serrated Wear Surface, Add	0.16	
	05MOD-0133	For Set In Place Without Bolting Or Tack Welding, Deduct	-1.75	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0047	SF 1-1/4" x 3/16" Steel, Swaged Grating 05MOD-0127 For One Coat Of Shop Applied Paint (Red Or Black), Add 05MOD-0128 For Galvanized Steel, Add 05MOD-0129 For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0133 For Set In Place Without Bolting Or Tack Welding, Deduct	29.38 0.22 2.55 45.91 17.72 2.22 0.16 -1.82	0.84
05530-0048	SF 1-1/2" x 3/16" Steel, Swaged Grating 05MOD-0127 For One Coat Of Shop Applied Paint (Red Or Black), Add 05MOD-0128 For Galvanized Steel, Add 05MOD-0129 For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0133 For Set In Place Without Bolting Or Tack Welding, Deduct	32.15 0.22 2.77 49.86 19.24 2.41 0.16 -2.15	1.04
05530-0049	SF 1-3/4" x 3/16" Steel, Swaged Grating 05MOD-0127 For One Coat Of Shop Applied Paint (Red Or Black), Add 05MOD-0128 For Galvanized Steel, Add 05MOD-0129 For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0133 For Set In Place Without Bolting Or Tack Welding, Deduct	36.81 0.22 3.20 57.58 22.23 2.78 0.16 -2.26	1.04
05530-0050	SF 2" x 3/16" Steel, Swaged Grating..... 05MOD-0127 For One Coat Of Shop Applied Paint (Red Or Black), Add 05MOD-0128 For Galvanized Steel, Add 05MOD-0129 For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0133 For Set In Place Without Bolting Or Tack Welding, Deduct	41.49 0.22 3.63 65.34 25.22 3.15 0.16 -2.38	1.04
05530-0051	SF 2-1/4" x 3/16" Steel, Swaged Grating 05MOD-0127 For One Coat Of Shop Applied Paint (Red Or Black), Add 05MOD-0128 For Galvanized Steel, Add 05MOD-0129 For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0133 For Set In Place Without Bolting Or Tack Welding, Deduct	46.14 0.22 4.05 73.05 28.20 3.52 0.16 -2.50	1.04
05530-0052	SF 2-1/2" x 3/16" Steel, Swaged Grating 05MOD-0127 For One Coat Of Shop Applied Paint (Red Or Black), Add 05MOD-0128 For Galvanized Steel, Add 05MOD-0129 For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0133 For Set In Place Without Bolting Or Tack Welding, Deduct	50.82 0.22 4.48 80.81 31.19 3.90 0.16 -2.61	1.04
05530-0053	Aluminum Grating, Type 6063, Swage Locked <small>(05530-0044)</small> Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.		
05530-0054	SF 1" x 1/8" Aluminum, Swaged Grating..... 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0134 For Set In Place Without Bolting, Deduct	11.92 6.55 0.82 0.16 -1.39	0.84
05530-0055	SF 1" x 3/16" Aluminum, Swaged Grating..... 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0134 For Set In Place Without Bolting, Deduct	15.34 8.74 1.09 0.16 -1.47	0.84
05530-0056	SF 1-1/4" x 1/8" Aluminum, Swaged Grating..... 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0134 For Set In Place Without Bolting, Deduct	13.46 7.53 0.94 0.16 -1.43	0.84
05530-0057	SF 1-1/4" x 3/16" Aluminum, Swaged Grating..... 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0134 For Set In Place Without Bolting, Deduct	17.64 10.21 1.28 0.16 -1.53	0.84
05530-0058	SF 1-1/2" x 1/8" Aluminum, Swaged Grating..... 05MOD-0130 For Bearing Bars At 15/16" O.C., Add 05MOD-0131 For Crossbars At 2" O.C., Add 05MOD-0132 For Serrated Wear Surface, Add 05MOD-0134 For Set In Place Without Bolting, Deduct	15.28 8.70 1.09 0.16 -1.47	0.84

05000 Metals
05500 Metal Fabrication
05530 Grating



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0059 SF 1-1/2" x 3/16" Aluminum, Swaged Grating.....	20.11	0.84
05MOD-0130 For Bearing Bars At 15/16" O.C., Add	11.79	
05MOD-0131 For Crossbars At 2" O.C., Add	1.47	
05MOD-0132 For Serrated Wear Surface, Add	0.16	
05MOD-0134 For Set In Place Without Bolting, Deduct	-1.59	
05530-0060 SF 1-3/4" x 3/16" Aluminum, Swaged Grating.....	22.95	0.84
05MOD-0130 For Bearing Bars At 15/16" O.C., Add	13.61	
05MOD-0131 For Crossbars At 2" O.C., Add	1.70	
05MOD-0132 For Serrated Wear Surface, Add	0.16	
05MOD-0134 For Set In Place Without Bolting, Deduct	-1.66	
05530-0061 SF 2" x 3/16" Aluminum, Swaged Grating.....	25.78	0.84
05MOD-0130 For Bearing Bars At 15/16" O.C., Add	15.42	
05MOD-0131 For Crossbars At 2" O.C., Add	1.93	
05MOD-0132 For Serrated Wear Surface, Add	0.16	
05MOD-0134 For Set In Place Without Bolting, Deduct	-1.73	
05530-0062 SF 2-1/4" x 3/16" Aluminum, Swaged Grating.....	28.62	0.84
05MOD-0130 For Bearing Bars At 15/16" O.C., Add	17.24	
05MOD-0131 For Crossbars At 2" O.C., Add	2.15	
05MOD-0132 For Serrated Wear Surface, Add	0.16	
05MOD-0134 For Set In Place Without Bolting, Deduct	-1.81	
05530-0063 SF 2-1/2" x 3/16" Aluminum, Swaged Grating.....	31.44	0.84
05MOD-0130 For Bearing Bars At 15/16" O.C., Add	19.04	
05MOD-0131 For Crossbars At 2" O.C., Add	2.38	
05MOD-0132 For Serrated Wear Surface, Add	0.16	
05MOD-0134 For Set In Place Without Bolting, Deduct	-1.88	
05530-0064 Riveted Grating <small>(05530)</small>		
Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05530-0065 Steel, Riveted Grating <small>(05530-0064)</small>		
Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05530-0066 SF 3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating.....	49.90	0.84
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	2.31	
05MOD-0137 For 304 Stainless Steel, Add	41.41	
05MOD-0138 For 5/8" Clear Opening, Add	16.63	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.34	
05530-0067 SF 3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating.....	58.73	0.84
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	2.74	
05MOD-0137 For 304 Stainless Steel, Add	49.00	
05MOD-0138 For 5/8" Clear Opening, Add	19.68	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.56	
05530-0068 SF 1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....	53.96	0.84
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	2.51	
05MOD-0137 For 304 Stainless Steel, Add	44.90	
05MOD-0138 For 5/8" Clear Opening, Add	18.03	
05MOD-0139 For Serrated Wear Surface, Add	0.16	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.44	
05530-0069 SF 1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....	62.09	0.84
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	2.90	
05MOD-0137 For 304 Stainless Steel, Add	51.88	
05MOD-0138 For 5/8" Clear Opening, Add	20.84	
05MOD-0139 For Serrated Wear Surface, Add	0.16	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.64	
05530-0070 SF 1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating.....	57.33	0.84
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	2.67	
05MOD-0137 For 304 Stainless Steel, Add	47.79	
05MOD-0138 For 5/8" Clear Opening, Add	19.20	
05MOD-0139 For Serrated Wear Surface, Add	0.16	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.52	
05530-0071 SF 1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating.....	68.35	0.84
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	3.20	
05MOD-0137 For 304 Stainless Steel, Add	57.26	
05MOD-0138 For 5/8" Clear Opening, Add	23.00	
05MOD-0139 For Serrated Wear Surface, Add	0.16	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.80	
05530-0072 SF 1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating.....	60.96	1.04
05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
05MOD-0136 For Galvanized Steel, Add	2.83	
05MOD-0137 For 304 Stainless Steel, Add	50.58	
05MOD-0138 For 5/8" Clear Opening, Add	20.31	
05MOD-0139 For Serrated Wear Surface, Add	0.16	
05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-2.87	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05530-0073	SF 1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	72.74	1.04
	05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0136 For Galvanized Steel, Add	3.39	
	05MOD-0137 For 304 Stainless Steel, Add	60.70	
	05MOD-0138 For 5/8" Clear Opening, Add	24.38	
	05MOD-0139 For Serrated Wear Surface, Add	0.16	
	05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-3.16	
05530-0074	SF 1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	78.76	1.04
	05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0136 For Galvanized Steel, Add	3.68	
	05MOD-0137 For 304 Stainless Steel, Add	65.87	
	05MOD-0138 For 5/8" Clear Opening, Add	26.45	
	05MOD-0139 For Serrated Wear Surface, Add	0.16	
	05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-3.31	
05530-0075	SF 2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating.....	92.18	1.04
	05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0136 For Galvanized Steel, Add	4.32	
	05MOD-0137 For 304 Stainless Steel, Add	77.40	
	05MOD-0138 For 5/8" Clear Opening, Add	31.08	
	05MOD-0139 For Serrated Wear Surface, Add	0.16	
	05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-3.65	
05530-0076	SF 2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	96.86	1.04
	05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0136 For Galvanized Steel, Add	4.55	
	05MOD-0137 For 304 Stainless Steel, Add	81.42	
	05MOD-0138 For 5/8" Clear Opening, Add	32.70	
	05MOD-0139 For Serrated Wear Surface, Add	0.16	
	05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-3.76	
05530-0077	SF 2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	101.03	1.04
	05MOD-0135 For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	05MOD-0136 For Galvanized Steel, Add	4.75	
	05MOD-0137 For 304 Stainless Steel, Add	85.00	
	05MOD-0138 For 5/8" Clear Opening, Add	34.14	
	05MOD-0139 For Serrated Wear Surface, Add	0.16	
	05MOD-0141 For Set On Place Without Bolting Or Tack Welding, Deduct	-3.87	
05530-0078	Aluminum, Riveted Grating <small>(05530-0064)</small>		
	Note: 1" clear opening, bolted in place and in all sizes.		
05530-0079	SF 3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating.....	25.04	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	8.06	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-1.72	
05530-0080	SF 3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating.....	29.66	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	9.65	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-1.83	
05530-0081	SF 1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating.....	27.51	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	8.91	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-1.78	
05530-0082	SF 1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating.....	32.02	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	10.46	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-1.89	
05530-0083	SF 1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating.....	30.81	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	10.05	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-1.86	
05530-0084	SF 1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating.....	37.08	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	12.21	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-2.02	
05530-0085	SF 1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating.....	33.07	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	10.83	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-1.92	
05530-0086	SF 1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating.....	41.03	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	13.57	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-2.12	
05530-0087	SF 1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating.....	45.20	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	15.01	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-2.22	
05530-0088	SF 2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....	53.76	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	17.96	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-2.43	
05530-0089	SF 2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	58.62	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	19.64	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-2.56	
05530-0090	SF 2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	65.14	0.84
	05MOD-0138 For 5/8" Clear Opening, Add	21.89	
	05MOD-0140 For Serrated Wear Surface, Add	0.16	
	05MOD-0142 For Set On Place Without Bolting, Deduct	-2.72	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05535 Metal Floor Plate (05500)

05535-0001 Floor/Stair Landing Plates (05535)

05535-0002 Steel Floor Plates (05535-0001)

05535-0003	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	10.11	1.00
05535-0004	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	11.50	1.00
05535-0005	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	14.28	1.00
05535-0006	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates.....	19.04	1.08
05535-0007	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates.....	24.03	1.15

05535-0008 Aluminum Alloy Floor Plates (05535-0001)

05535-0009	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	14.44	0.84
05535-0010	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	16.57	1.00
05535-0011	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	18.70	1.08

05535-0012 Type 304 Stainless Steel Floor Plates (05535-0001)

05535-0013	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	23.87	1.15
		<i>05MOD-0152 For 316 Stainless Steel, Add</i>	6.65	
05535-0014	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	28.52	1.31
		<i>05MOD-0152 For 316 Stainless Steel, Add</i>	7.98	
05535-0015	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	36.92	1.54
		<i>05MOD-0152 For 316 Stainless Steel, Add</i>	10.43	

05540 Castings (05500)

05540-0001 Castings (05540)

05540-0002	LB	Miscellaneous Castings, Light Section, <=150 #.....	2.87	0.38
05540-0003	LB	Miscellaneous Castings, Heavy Section, >150 #.....	4.68	0.31

05590 Metal Specialties (05500)

05590-0001 Woven And Welded Wire Cloth (05590)

Note: Excludes frame and fastening to frame. See CSI section 05120-0078 for spot welding, 05410-0000 for lightweight framing.

05590-0002 Plain Steel Woven And Welded Wire Cloth Panels (05590-0001)

05590-0003 2" Square Wire Spacing (05590-0002)

05590-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels.....	6.45	2.12
		<i>05MOD-0163 For Up To 2 SF Panel, Add</i>	1.85	
		<i>05MOD-0164 For > 2 To 6 SF Panel, Add</i>	1.07	
		<i>05MOD-0165 For > 15 To 40 SF, Deduct</i>	-0.18	
		<i>05MOD-0166 For > 40 SF, Deduct</i>	-0.54	
		<i>05MOD-0167 For Galvanized, Add</i>	1.82	
		<i>05MOD-0168 For Aluminum, Add</i>	2.18	
		<i>05MOD-0169 For 304 Stainless Steel, Add</i>	8.71	
		<i>05MOD-0170 For 316 Stainless Steel, Add</i>	9.98	
05590-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels.....	6.93	2.21
		<i>05MOD-0163 For Up To 2 SF Panel, Add</i>	1.97	
		<i>05MOD-0164 For > 2 To 6 SF Panel, Add</i>	1.13	
		<i>05MOD-0165 For > 15 To 40 SF, Deduct</i>	-0.20	
		<i>05MOD-0166 For > 40 SF, Deduct</i>	-0.60	
		<i>05MOD-0167 For Galvanized, Add</i>	2.00	
		<i>05MOD-0168 For Aluminum, Add</i>	2.39	
		<i>05MOD-0169 For 304 Stainless Steel, Add</i>	9.58	
		<i>05MOD-0170 For 316 Stainless Steel, Add</i>	10.97	
05590-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels.....	7.37	2.44
		<i>05MOD-0163 For Up To 2 SF Panel, Add</i>	2.12	
		<i>05MOD-0164 For > 2 To 6 SF Panel, Add</i>	1.22	
		<i>05MOD-0165 For > 15 To 40 SF, Deduct</i>	-0.21	
		<i>05MOD-0166 For > 40 SF, Deduct</i>	-0.62	
		<i>05MOD-0167 For Galvanized, Add</i>	2.06	
		<i>05MOD-0168 For Aluminum, Add</i>	2.47	
		<i>05MOD-0169 For 304 Stainless Steel, Add</i>	9.89	
		<i>05MOD-0170 For 316 Stainless Steel, Add</i>	11.33	
05590-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels.....	7.77	2.54
		<i>05MOD-0163 For Up To 2 SF Panel, Add</i>	2.23	
		<i>05MOD-0164 For > 2 To 6 SF Panel, Add</i>	1.29	
		<i>05MOD-0165 For > 15 To 40 SF, Deduct</i>	-0.22	
		<i>05MOD-0166 For > 40 SF, Deduct</i>	-0.66	
		<i>05MOD-0167 For Galvanized, Add</i>	2.19	
		<i>05MOD-0168 For Aluminum, Add</i>	2.63	
		<i>05MOD-0169 For 304 Stainless Steel, Add</i>	10.51	
		<i>05MOD-0170 For 316 Stainless Steel, Add</i>	12.05	



Metals 05000	05
Metal Fabrication 05500	
Metal Specialties 05590	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05590-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	8.52	2.85
	05MOD-0163	For Up To 2 SF Panel, Add	2.47	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.42	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.24	
	05MOD-0166	For > 40 SF, Deduct	-0.71	
	05MOD-0167	For Galvanized, Add	2.36	
	05MOD-0168	For Aluminum, Add	2.83	
	05MOD-0169	For 304 Stainless Steel, Add	11.30	
	05MOD-0170	For 316 Stainless Steel, Add	12.95	
05590-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	9.77	3.17
	05MOD-0163	For Up To 2 SF Panel, Add	2.80	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.61	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.28	
	05MOD-0166	For > 40 SF, Deduct	-0.83	
	05MOD-0167	For Galvanized, Add	2.77	
	05MOD-0168	For Aluminum, Add	3.32	
	05MOD-0169	For 304 Stainless Steel, Add	13.27	
	05MOD-0170	For 316 Stainless Steel, Add	15.21	
05590-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	11.06	3.49
	05MOD-0163	For Up To 2 SF Panel, Add	3.14	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.81	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.32	
	05MOD-0166	For > 40 SF, Deduct	-0.96	
	05MOD-0167	For Galvanized, Add	3.20	
	05MOD-0168	For Aluminum, Add	3.84	
	05MOD-0169	For 304 Stainless Steel, Add	15.36	
	05MOD-0170	For 316 Stainless Steel, Add	17.60	
05590-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	12.65	3.88
	05MOD-0163	For Up To 2 SF Panel, Add	3.57	
	05MOD-0164	For > 2 To 6 SF Panel, Add	2.04	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.37	
	05MOD-0166	For > 40 SF, Deduct	-1.12	
	05MOD-0167	For Galvanized, Add	3.74	
	05MOD-0168	For Aluminum, Add	4.48	
	05MOD-0169	For 304 Stainless Steel, Add	17.93	
	05MOD-0170	For 316 Stainless Steel, Add	20.54	
05590-0012		1-3/4" Square Wire Spacing <small>(05590-0002)</small>		
05590-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	6.77	2.25
	05MOD-0163	For Up To 2 SF Panel, Add	1.95	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.13	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.19	
	05MOD-0166	For > 40 SF, Deduct	-0.57	
	05MOD-0167	For Galvanized, Add	1.89	
	05MOD-0168	For Aluminum, Add	2.27	
	05MOD-0169	For 304 Stainless Steel, Add	9.07	
	05MOD-0170	For 316 Stainless Steel, Add	10.40	
05590-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62#/SF Woven And Welded Wire Cloth Panels.....	7.43	2.36
	05MOD-0163	For Up To 2 SF Panel, Add	2.12	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.22	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.21	
	05MOD-0166	For > 40 SF, Deduct	-0.64	
	05MOD-0167	For Galvanized, Add	2.14	
	05MOD-0168	For Aluminum, Add	2.57	
	05MOD-0169	For 304 Stainless Steel, Add	10.27	
	05MOD-0170	For 316 Stainless Steel, Add	11.77	
05590-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74#/SF Woven And Welded Wire Cloth Panels.....	8.01	2.65
	05MOD-0163	For Up To 2 SF Panel, Add	2.31	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.33	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.22	
	05MOD-0166	For > 40 SF, Deduct	-0.67	
	05MOD-0167	For Galvanized, Add	2.24	
	05MOD-0168	For Aluminum, Add	2.68	
	05MOD-0169	For 304 Stainless Steel, Add	10.73	
	05MOD-0170	For 316 Stainless Steel, Add	12.29	
05590-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88#/SF Woven And Welded Wire Cloth Panels.....	8.36	2.73
	05MOD-0163	For Up To 2 SF Panel, Add	2.40	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.38	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.24	
	05MOD-0166	For > 40 SF, Deduct	-0.71	
	05MOD-0167	For Galvanized, Add	2.36	
	05MOD-0168	For Aluminum, Add	2.83	
	05MOD-0169	For 304 Stainless Steel, Add	11.30	
	05MOD-0170	For 316 Stainless Steel, Add	12.95	
05590-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04#/SF Woven And Welded Wire Cloth Panels.....	9.16	3.06
	05MOD-0163	For Up To 2 SF Panel, Add	2.65	
	05MOD-0164	For > 2 To 6 SF Panel, Add	1.53	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.25	
	05MOD-0166	For > 40 SF, Deduct	-0.76	
	05MOD-0167	For Galvanized, Add	2.54	
	05MOD-0168	For Aluminum, Add	3.04	
	05MOD-0169	For 304 Stainless Steel, Add	12.17	
	05MOD-0170	For 316 Stainless Steel, Add	13.94	

05000 Metals
05500 Metal Fabrication
05590 Metal Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05590-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22#/SF Woven And Welded Wire Cloth Panels.....	10.51	3.42
	05MOD-0163		For Up To 2 SF Panel, Add	3.01	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.74	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.30	
	05MOD-0166		For > 40 SF, Deduct	-0.89	
	05MOD-0167		For Galvanized, Add	2.98	
	05MOD-0168		For Aluminum, Add	3.57	
	05MOD-0169		For 304 Stainless Steel, Add	14.28	
	05MOD-0170		For 316 Stainless Steel, Add	16.36	
05590-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41#/SF Woven And Welded Wire Cloth Panels.....	11.88	3.76
	05MOD-0163		For Up To 2 SF Panel, Add	3.38	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.94	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.34	
	05MOD-0166		For > 40 SF, Deduct	-1.03	
	05MOD-0167		For Galvanized, Add	3.44	
	05MOD-0168		For Aluminum, Add	4.12	
	05MOD-0169		For 304 Stainless Steel, Add	16.49	
	05MOD-0170		For 316 Stainless Steel, Add	18.89	
05590-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65#/SF Woven And Welded Wire Cloth Panels.....	13.61	4.18
	05MOD-0163		For Up To 2 SF Panel, Add	3.84	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.20	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.40	
	05MOD-0166		For > 40 SF, Deduct	-1.21	
	05MOD-0167		For Galvanized, Add	4.02	
	05MOD-0168		For Aluminum, Add	4.82	
	05MOD-0169		For 304 Stainless Steel, Add	19.30	
	05MOD-0170		For 316 Stainless Steel, Add	22.11	
05590-0021			1-1/2" Square Wire Spacing <small>(05590-0002)</small>		
05590-0022	SF		0.12" Thick Wire, 1-1/2" Spacing, 0.57#/SF Woven And Welded Wire Cloth Panels.....	7.50	2.49
	05MOD-0163		For Up To 2 SF Panel, Add	2.16	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.25	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.21	
	05MOD-0166		For > 40 SF, Deduct	-0.63	
	05MOD-0167		For Galvanized, Add	2.10	
	05MOD-0168		For Aluminum, Add	2.51	
	05MOD-0169		For 304 Stainless Steel, Add	10.06	
	05MOD-0170		For 316 Stainless Steel, Add	11.52	
05590-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72#/SF Woven And Welded Wire Cloth Panels.....	8.21	2.62
	05MOD-0163		For Up To 2 SF Panel, Add	2.34	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.34	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.24	
	05MOD-0166		For > 40 SF, Deduct	-0.71	
	05MOD-0167		For Galvanized, Add	2.37	
	05MOD-0168		For Aluminum, Add	2.84	
	05MOD-0169		For 304 Stainless Steel, Add	11.35	
	05MOD-0170		For 316 Stainless Steel, Add	13.01	
05590-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85#/SF Woven And Welded Wire Cloth Panels.....	8.76	2.90
	05MOD-0163		For Up To 2 SF Panel, Add	2.53	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.46	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.24	
	05MOD-0166		For > 40 SF, Deduct	-0.73	
	05MOD-0167		For Galvanized, Add	2.45	
	05MOD-0168		For Aluminum, Add	2.93	
	05MOD-0169		For 304 Stainless Steel, Add	11.74	
	05MOD-0170		For 316 Stainless Steel, Add	13.45	
05590-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02#/SF Woven And Welded Wire Cloth Panels.....	9.23	3.02
	05MOD-0163		For Up To 2 SF Panel, Add	2.65	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.53	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.26	
	05MOD-0166		For > 40 SF, Deduct	-0.78	
	05MOD-0167		For Galvanized, Add	2.60	
	05MOD-0168		For Aluminum, Add	3.12	
	05MOD-0169		For 304 Stainless Steel, Add	12.48	
	05MOD-0170		For 316 Stainless Steel, Add	14.30	
05590-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2#/SF Woven And Welded Wire Cloth Panels.....	10.07	3.37
	05MOD-0163		For Up To 2 SF Panel, Add	2.91	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.68	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.28	
	05MOD-0166		For > 40 SF, Deduct	-0.84	
	05MOD-0167		For Galvanized, Add	2.79	
	05MOD-0168		For Aluminum, Add	3.34	
	05MOD-0169		For 304 Stainless Steel, Add	13.37	
	05MOD-0170		For 316 Stainless Steel, Add	15.32	
05590-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4#/SF Woven And Welded Wire Cloth Panels.....	11.49	3.74
	05MOD-0163		For Up To 2 SF Panel, Add	3.30	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.90	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.33	
	05MOD-0166		For > 40 SF, Deduct	-0.98	
	05MOD-0167		For Galvanized, Add	3.25	
	05MOD-0168		For Aluminum, Add	3.90	
	05MOD-0169		For 304 Stainless Steel, Add	15.60	
	05MOD-0170		For 316 Stainless Steel, Add	17.88	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05590-0028	SF 0.207" Thick Wire, 1-1/2" Spacing, 1.62#/SF Woven And Welded Wire Cloth Panels.....	13.00	4.11
	05MOD-0163 For Up To 2 SF Panel, Add	3.70	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.12	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.38	
	05MOD-0166 For > 40 SF, Deduct	-1.13	
	05MOD-0167 For Galvanized, Add	3.76	
	05MOD-0168 For Aluminum, Add	4.51	
	05MOD-0169 For 304 Stainless Steel, Add	18.05	
	05MOD-0170 For 316 Stainless Steel, Add	20.68	
05590-0029	SF 0.225" Thick Wire, 1-1/2" Spacing, 1.89#/SF Woven And Welded Wire Cloth Panels.....	14.84	4.55
	05MOD-0163 For Up To 2 SF Panel, Add	4.18	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.39	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.44	
	05MOD-0166 For > 40 SF, Deduct	-1.32	
	05MOD-0167 For Galvanized, Add	4.39	
	05MOD-0168 For Aluminum, Add	5.26	
	05MOD-0169 For 304 Stainless Steel, Add	21.05	
	05MOD-0170 For 316 Stainless Steel, Add	24.12	
05590-0030	1-1/4" Square Wire Spacing <small>(05590-0002)</small>		
05590-0031	SF 0.105" Thick Wire, 1-1/4" Spacing, 0.52#/SF Woven And Welded Wire Cloth Panels.....	7.69	2.69
	05MOD-0163 For Up To 2 SF Panel, Add	2.26	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.31	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.21	
	05MOD-0166 For > 40 SF, Deduct	-0.62	
	05MOD-0167 For Galvanized, Add	2.05	
	05MOD-0168 For Aluminum, Add	2.46	
	05MOD-0169 For 304 Stainless Steel, Add	9.84	
	05MOD-0170 For 316 Stainless Steel, Add	11.28	
05590-0032	SF 0.12" Thick Wire, 1-1/4" Spacing, 0.68#/SF Woven And Welded Wire Cloth Panels.....	8.31	2.82
	05MOD-0163 For Up To 2 SF Panel, Add	2.42	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.40	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.23	
	05MOD-0166 For > 40 SF, Deduct	-0.68	
	05MOD-0167 For Galvanized, Add	2.27	
	05MOD-0168 For Aluminum, Add	2.72	
	05MOD-0169 For 304 Stainless Steel, Add	10.90	
	05MOD-0170 For 316 Stainless Steel, Add	12.49	
05590-0033	SF 0.135" Thick Wire, 1-1/4" Spacing, 0.85#/SF Woven And Welded Wire Cloth Panels.....	9.00	2.94
	05MOD-0163 For Up To 2 SF Panel, Add	2.58	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.49	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.25	
	05MOD-0166 For > 40 SF, Deduct	-0.76	
	05MOD-0167 For Galvanized, Add	2.54	
	05MOD-0168 For Aluminum, Add	3.05	
	05MOD-0169 For 304 Stainless Steel, Add	12.19	
	05MOD-0170 For 316 Stainless Steel, Add	13.97	
05590-0034	SF 0.148" Thick Wire, 1-1/4" Spacing, 1.01#/SF Woven And Welded Wire Cloth Panels.....	9.27	2.99
	05MOD-0163 For Up To 2 SF Panel, Add	2.65	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.53	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.26	
	05MOD-0166 For > 40 SF, Deduct	-0.79	
	05MOD-0167 For Galvanized, Add	2.64	
	05MOD-0168 For Aluminum, Add	3.17	
	05MOD-0169 For 304 Stainless Steel, Add	12.67	
	05MOD-0170 For 316 Stainless Steel, Add	14.52	
05590-0035	SF 0.162" Thick Wire, 1-1/4" Spacing, 1.2#/SF Woven And Welded Wire Cloth Panels.....	10.07	3.38
	05MOD-0163 For Up To 2 SF Panel, Add	2.92	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.68	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.28	
	05MOD-0166 For > 40 SF, Deduct	-0.83	
	05MOD-0167 For Galvanized, Add	2.78	
	05MOD-0168 For Aluminum, Add	3.34	
	05MOD-0169 For 304 Stainless Steel, Add	13.34	
	05MOD-0170 For 316 Stainless Steel, Add	15.29	
05590-0036	SF 0.177" Thick Wire, 1-1/4" Spacing, 1.42#/SF Woven And Welded Wire Cloth Panels.....	11.35	3.81
	05MOD-0163 For Up To 2 SF Panel, Add	3.28	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.90	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.31	
	05MOD-0166 For > 40 SF, Deduct	-0.94	
	05MOD-0167 For Galvanized, Add	3.14	
	05MOD-0168 For Aluminum, Add	3.77	
	05MOD-0169 For 304 Stainless Steel, Add	15.07	
	05MOD-0170 For 316 Stainless Steel, Add	17.27	
05590-0037	SF 0.192" Thick Wire, 1-1/4" Spacing, 1.65#/SF Woven And Welded Wire Cloth Panels.....	12.88	4.20
	05MOD-0163 For Up To 2 SF Panel, Add	3.69	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.13	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.36	
	05MOD-0166 For > 40 SF, Deduct	-1.09	
	05MOD-0167 For Galvanized, Add	3.65	
	05MOD-0168 For Aluminum, Add	4.37	
	05MOD-0169 For 304 Stainless Steel, Add	17.50	
	05MOD-0170 For 316 Stainless Steel, Add	20.05	

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05590-0038	SF		0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	14.51	4.58
	05MOD-0163		For Up To 2 SF Panel, Add	4.12	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.37	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.42	
	05MOD-0166		For > 40 SF, Deduct	-1.26	
	05MOD-0167		For Galvanized, Add	4.20	
	05MOD-0168		For Aluminum, Add	5.04	
	05MOD-0169		For 304 Stainless Steel, Add	20.16	
	05MOD-0170		For 316 Stainless Steel, Add	23.10	
05590-0039	SF		0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	16.60	5.10
	05MOD-0163		For Up To 2 SF Panel, Add	4.68	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.68	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.49	
	05MOD-0166		For > 40 SF, Deduct	-1.47	
	05MOD-0167		For Galvanized, Add	4.91	
	05MOD-0168		For Aluminum, Add	5.89	
	05MOD-0169		For 304 Stainless Steel, Add	23.54	
	05MOD-0170		For 316 Stainless Steel, Add	26.98	
05590-0040			1" Square Wire Spacing (05590-0002)		
05590-0041	SF		0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels.....	8.79	3.15
	05MOD-0163		For Up To 2 SF Panel, Add	2.60	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.51	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.23	
	05MOD-0166		For > 40 SF, Deduct	-0.69	
	05MOD-0167		For Galvanized, Add	2.30	
	05MOD-0168		For Aluminum, Add	2.75	
	05MOD-0169		For 304 Stainless Steel, Add	11.02	
	05MOD-0170		For 316 Stainless Steel, Add	12.62	
05590-0042	SF		0.135" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels.....	9.41	3.28
	05MOD-0163		For Up To 2 SF Panel, Add	2.76	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.60	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.25	
	05MOD-0166		For > 40 SF, Deduct	-0.76	
	05MOD-0167		For Galvanized, Add	2.52	
	05MOD-0168		For Aluminum, Add	3.02	
	05MOD-0169		For 304 Stainless Steel, Add	12.10	
	05MOD-0170		For 316 Stainless Steel, Add	13.86	
05590-0043	SF		0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels.....	9.80	3.42
	05MOD-0163		For Up To 2 SF Panel, Add	2.87	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.67	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.26	
	05MOD-0166		For > 40 SF, Deduct	-0.78	
	05MOD-0167		For Galvanized, Add	2.62	
	05MOD-0168		For Aluminum, Add	3.14	
	05MOD-0169		For 304 Stainless Steel, Add	12.55	
	05MOD-0170		For 316 Stainless Steel, Add	14.38	
05590-0044	SF		0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels.....	10.48	3.47
	05MOD-0163		For Up To 2 SF Panel, Add	3.02	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.74	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.29	
	05MOD-0166		For > 40 SF, Deduct	-0.88	
	05MOD-0167		For Galvanized, Add	2.93	
	05MOD-0168		For Aluminum, Add	3.51	
	05MOD-0169		For 304 Stainless Steel, Add	14.04	
	05MOD-0170		For 316 Stainless Steel, Add	16.09	
05590-0045	SF		0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels.....	11.66	3.92
	05MOD-0163		For Up To 2 SF Panel, Add	3.38	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.95	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.32	
	05MOD-0166		For > 40 SF, Deduct	-0.97	
	05MOD-0167		For Galvanized, Add	3.22	
	05MOD-0168		For Aluminum, Add	3.86	
	05MOD-0169		For 304 Stainless Steel, Add	15.46	
	05MOD-0170		For 316 Stainless Steel, Add	17.71	
05590-0046	SF		0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels.....	13.08	4.38
	05MOD-0163		For Up To 2 SF Panel, Add	3.78	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.18	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.36	
	05MOD-0166		For > 40 SF, Deduct	-1.09	
	05MOD-0167		For Galvanized, Add	3.62	
	05MOD-0168		For Aluminum, Add	4.34	
	05MOD-0169		For 304 Stainless Steel, Add	17.38	
	05MOD-0170		For 316 Stainless Steel, Add	19.91	
05590-0047	SF		0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels.....	14.95	4.86
	05MOD-0163		For Up To 2 SF Panel, Add	4.29	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.47	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.42	
	05MOD-0166		For > 40 SF, Deduct	-1.27	
	05MOD-0167		For Galvanized, Add	4.23	
	05MOD-0168		For Aluminum, Add	5.08	
	05MOD-0169		For 304 Stainless Steel, Add	20.30	
	05MOD-0170		For 316 Stainless Steel, Add	23.27	



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05590-0048	SF 0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	16.80	5.32
	05MOD-0163 For Up To 2 SF Panel, Add	4.78	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.74	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.49	
	05MOD-0166 For > 40 SF, Deduct	-1.46	
	05MOD-0167 For Galvanized, Add	4.86	
	05MOD-0168 For Aluminum, Add	5.83	
	05MOD-0169 For 304 Stainless Steel, Add	23.33	
	05MOD-0170 For 316 Stainless Steel, Add	26.73	
05590-0049	SF 0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	19.16	5.88
	05MOD-0163 For Up To 2 SF Panel, Add	5.40	
	05MOD-0164 For > 2 To 6 SF Panel, Add	3.09	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.57	
	05MOD-0166 For > 40 SF, Deduct	-1.70	
	05MOD-0167 For Galvanized, Add	5.66	
	05MOD-0168 For Aluminum, Add	6.79	
	05MOD-0169 For 304 Stainless Steel, Add	27.17	
	05MOD-0170 For 316 Stainless Steel, Add	31.13	
05590-0050	3/4" Square Wire Spacing (05590-0002)		
05590-0051	SF 0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	8.89	3.14
	05MOD-0163 For Up To 2 SF Panel, Add	2.62	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.52	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.24	
	05MOD-0166 For > 40 SF, Deduct	-0.71	
	05MOD-0167 For Galvanized, Add	2.35	
	05MOD-0168 For Aluminum, Add	2.82	
	05MOD-0169 For 304 Stainless Steel, Add	11.28	
	05MOD-0170 For 316 Stainless Steel, Add	12.93	
05590-0052	SF 0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	9.92	3.53
	05MOD-0163 For Up To 2 SF Panel, Add	2.92	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.70	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.26	
	05MOD-0166 For > 40 SF, Deduct	-0.78	
	05MOD-0167 For Galvanized, Add	2.62	
	05MOD-0168 For Aluminum, Add	3.14	
	05MOD-0169 For 304 Stainless Steel, Add	12.55	
	05MOD-0170 For 316 Stainless Steel, Add	14.38	
05590-0053	SF 0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	11.00	3.99
	05MOD-0163 For Up To 2 SF Panel, Add	3.26	
	05MOD-0164 For > 2 To 6 SF Panel, Add	1.90	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.28	
	05MOD-0166 For > 40 SF, Deduct	-0.85	
	05MOD-0167 For Galvanized, Add	2.85	
	05MOD-0168 For Aluminum, Add	3.41	
	05MOD-0169 For 304 Stainless Steel, Add	13.66	
	05MOD-0170 For 316 Stainless Steel, Add	15.65	
05590-0054	SF 0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	11.88	4.25
	05MOD-0163 For Up To 2 SF Panel, Add	3.51	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.04	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.31	
	05MOD-0166 For > 40 SF, Deduct	-0.93	
	05MOD-0167 For Galvanized, Add	3.11	
	05MOD-0168 For Aluminum, Add	3.73	
	05MOD-0169 For 304 Stainless Steel, Add	14.93	
	05MOD-0170 For 316 Stainless Steel, Add	17.11	
05590-0055	SF 0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	13.73	4.77
	05MOD-0163 For Up To 2 SF Panel, Add	4.02	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.33	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.37	
	05MOD-0166 For > 40 SF, Deduct	-1.10	
	05MOD-0167 For Galvanized, Add	3.68	
	05MOD-0168 For Aluminum, Add	4.42	
	05MOD-0169 For 304 Stainless Steel, Add	17.66	
	05MOD-0170 For 316 Stainless Steel, Add	20.24	
05590-0056	SF 0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	15.78	5.34
	05MOD-0163 For Up To 2 SF Panel, Add	4.58	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.65	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.43	
	05MOD-0166 For > 40 SF, Deduct	-1.30	
	05MOD-0167 For Galvanized, Add	4.33	
	05MOD-0168 For Aluminum, Add	5.20	
	05MOD-0169 For 304 Stainless Steel, Add	20.78	
	05MOD-0170 For 316 Stainless Steel, Add	23.82	
05590-0057	SF 0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	17.96	5.90
	05MOD-0163 For Up To 2 SF Panel, Add	5.17	
	05MOD-0164 For > 2 To 6 SF Panel, Add	2.98	
	05MOD-0165 For > 15 To 40 SF, Deduct	-0.50	
	05MOD-0166 For > 40 SF, Deduct	-1.51	
	05MOD-0167 For Galvanized, Add	5.04	
	05MOD-0168 For Aluminum, Add	6.05	
	05MOD-0169 For 304 Stainless Steel, Add	24.19	
	05MOD-0170 For 316 Stainless Steel, Add	27.72	

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05590-0058	SF		0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels.....	20.10	6.42
	05MOD-0163		For Up To 2 SF Panel, Add	5.73	
	05MOD-0164		For > 2 To 6 SF Panel, Add	3.29	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.58	
	05MOD-0166		For > 40 SF, Deduct	-1.73	
	05MOD-0167		For Galvanized, Add	5.77	
	05MOD-0168		For Aluminum, Add	6.92	
	05MOD-0169		For 304 Stainless Steel, Add	27.70	
	05MOD-0170		For 316 Stainless Steel, Add	31.74	
05590-0059	SF		0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels.....	22.89	7.10
	05MOD-0163		For Up To 2 SF Panel, Add	6.47	
	05MOD-0164		For > 2 To 6 SF Panel, Add	3.71	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.67	
	05MOD-0166		For > 40 SF, Deduct	-2.01	
	05MOD-0167		For Galvanized, Add	6.72	
	05MOD-0168		For Aluminum, Add	8.06	
	05MOD-0169		For 304 Stainless Steel, Add	32.23	
	05MOD-0170		For 316 Stainless Steel, Add	36.93	
05590-0060			1/2" Square Wire Spacing <small>(05590-0002)</small>		
05590-0061	SF		0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels.....	9.29	3.36
	05MOD-0163		For Up To 2 SF Panel, Add	2.75	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.60	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.24	
	05MOD-0166		For > 40 SF, Deduct	-0.72	
	05MOD-0167		For Galvanized, Add	2.41	
	05MOD-0168		For Aluminum, Add	2.89	
	05MOD-0169		For 304 Stainless Steel, Add	11.54	
	05MOD-0170		For 316 Stainless Steel, Add	13.23	
05590-0062	SF		0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels.....	10.89	4.09
	05MOD-0163		For Up To 2 SF Panel, Add	3.27	
	05MOD-0164		For > 2 To 6 SF Panel, Add	1.91	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.27	
	05MOD-0166		For > 40 SF, Deduct	-0.81	
	05MOD-0167		For Galvanized, Add	2.72	
	05MOD-0168		For Aluminum, Add	3.26	
	05MOD-0169		For 304 Stainless Steel, Add	13.03	
	05MOD-0170		For 316 Stainless Steel, Add	14.93	
05590-0063	SF		0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels.....	13.15	4.84
	05MOD-0163		For Up To 2 SF Panel, Add	3.92	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.28	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.34	
	05MOD-0166		For > 40 SF, Deduct	-1.01	
	05MOD-0167		For Galvanized, Add	3.35	
	05MOD-0168		For Aluminum, Add	4.02	
	05MOD-0169		For 304 Stainless Steel, Add	16.08	
	05MOD-0170		For 316 Stainless Steel, Add	18.43	
05590-0064	SF		0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels.....	15.15	5.43
	05MOD-0163		For Up To 2 SF Panel, Add	4.48	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.60	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.40	
	05MOD-0166		For > 40 SF, Deduct	-1.19	
	05MOD-0167		For Galvanized, Add	3.96	
	05MOD-0168		For Aluminum, Add	4.75	
	05MOD-0169		For 304 Stainless Steel, Add	18.98	
	05MOD-0170		For 316 Stainless Steel, Add	21.75	
05590-0065	SF		0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels.....	17.38	6.06
	05MOD-0163		For Up To 2 SF Panel, Add	5.09	
	05MOD-0164		For > 2 To 6 SF Panel, Add	2.95	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.47	
	05MOD-0166		For > 40 SF, Deduct	-1.40	
	05MOD-0167		For Galvanized, Add	4.65	
	05MOD-0168		For Aluminum, Add	5.58	
	05MOD-0169		For 304 Stainless Steel, Add	22.32	
	05MOD-0170		For 316 Stainless Steel, Add	25.58	
05590-0066	SF		0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels.....	19.91	6.75
	05MOD-0163		For Up To 2 SF Panel, Add	5.78	
	05MOD-0164		For > 2 To 6 SF Panel, Add	3.34	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.55	
	05MOD-0166		For > 40 SF, Deduct	-1.64	
	05MOD-0167		For Galvanized, Add	5.46	
	05MOD-0168		For Aluminum, Add	6.55	
	05MOD-0169		For 304 Stainless Steel, Add	26.18	
	05MOD-0170		For 316 Stainless Steel, Add	30.00	
05590-0067	SF		0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels.....	22.51	7.42
	05MOD-0163		For Up To 2 SF Panel, Add	6.48	
	05MOD-0164		For > 2 To 6 SF Panel, Add	3.73	
	05MOD-0165		For > 15 To 40 SF, Deduct	-0.63	
	05MOD-0166		For > 40 SF, Deduct	-1.89	
	05MOD-0167		For Galvanized, Add	6.31	
	05MOD-0168		For Aluminum, Add	7.57	
	05MOD-0169		For 304 Stainless Steel, Add	30.29	
	05MOD-0170		For 316 Stainless Steel, Add	34.71	



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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05590-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	25.13	8.05
	05MOD-0163	For Up To 2 SF Panel, Add	7.17	
	05MOD-0164	For > 2 To 6 SF Panel, Add	4.12	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.72	
	05MOD-0166	For > 40 SF, Deduct	-2.16	
	05MOD-0167	For Galvanized, Add	7.20	
	05MOD-0168	For Aluminum, Add	8.64	
	05MOD-0169	For 304 Stainless Steel, Add	34.56	
	05MOD-0170	For 316 Stainless Steel, Add	39.60	
05590-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	26.20	8.85
	05MOD-0163	For Up To 2 SF Panel, Add	7.60	
	05MOD-0164	For > 2 To 6 SF Panel, Add	4.39	
	05MOD-0165	For > 15 To 40 SF, Deduct	-0.72	
	05MOD-0166	For > 40 SF, Deduct	-2.16	
	05MOD-0167	For Galvanized, Add	7.20	
	05MOD-0168	For Aluminum, Add	8.64	
	05MOD-0169	For 304 Stainless Steel, Add	34.56	
	05MOD-0170	For 316 Stainless Steel, Add	39.60	
05590-0070		Expanded Metal Panels <small>(05590)</small> Note: Excludes frame and fastening to frame. See CSI section 05120-0078 for spot welding, 05410-0000 for lightweight framing.		
05590-0071		Plain Flattended Expanded Metal Diamond Shape Panels <small>(05590-0070)</small> Note: Excludes frame and fastening to frame. See CSI section 05120-0078 for spot welding, 05410-0000 for lightweight framing.		
05590-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	8.02	2.90
	05MOD-0167	For Galvanized, Add	2.08	
	05MOD-0168	For Aluminum, Add	2.49	
	05MOD-0169	For 304 Stainless Steel, Add	9.96	
	05MOD-0170	For 316 Stainless Steel, Add	11.41	
05590-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	10.10	3.17
	05MOD-0167	For Galvanized, Add	2.93	
	05MOD-0168	For Aluminum, Add	3.52	
	05MOD-0169	For 304 Stainless Steel, Add	14.06	
	05MOD-0170	For 316 Stainless Steel, Add	16.12	
05590-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	5.77	2.25
	05MOD-0167	For Galvanized, Add	1.39	
	05MOD-0168	For Aluminum, Add	1.67	
	05MOD-0169	For 304 Stainless Steel, Add	6.67	
	05MOD-0170	For 316 Stainless Steel, Add	7.65	
05590-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	6.30	2.44
	05MOD-0167	For Galvanized, Add	1.53	
	05MOD-0168	For Aluminum, Add	1.83	
	05MOD-0169	For 304 Stainless Steel, Add	7.32	
	05MOD-0170	For 316 Stainless Steel, Add	8.39	
05590-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	7.13	2.90
	05MOD-0167	For Galvanized, Add	1.63	
	05MOD-0168	For Aluminum, Add	1.96	
	05MOD-0169	For 304 Stainless Steel, Add	7.82	
	05MOD-0170	For 316 Stainless Steel, Add	8.97	
05590-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	9.13	3.74
	05MOD-0167	For Galvanized, Add	2.07	
	05MOD-0168	For Aluminum, Add	2.48	
	05MOD-0169	For 304 Stainless Steel, Add	9.94	
	05MOD-0170	For 316 Stainless Steel, Add	11.39	
05590-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	5.02	2.21
	05MOD-0167	For Galvanized, Add	1.04	
	05MOD-0168	For Aluminum, Add	1.25	
	05MOD-0169	For 304 Stainless Steel, Add	4.99	
	05MOD-0170	For 316 Stainless Steel, Add	5.72	
05590-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	5.63	2.36
	05MOD-0167	For Galvanized, Add	1.24	
	05MOD-0168	For Aluminum, Add	1.49	
	05MOD-0169	For 304 Stainless Steel, Add	5.95	
	05MOD-0170	For 316 Stainless Steel, Add	6.82	
05590-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	6.43	2.65
	05MOD-0167	For Galvanized, Add	1.45	
	05MOD-0168	For Aluminum, Add	1.73	
	05MOD-0169	For 304 Stainless Steel, Add	6.94	
	05MOD-0170	For 316 Stainless Steel, Add	7.95	
05590-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.71 LB/SF	10.12	4.38
	05MOD-0167	For Galvanized, Add	2.14	
	05MOD-0168	For Aluminum, Add	2.57	
	05MOD-0169	For 304 Stainless Steel, Add	10.27	
	05MOD-0170	For 316 Stainless Steel, Add	11.77	
05590-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	5.60	2.69
	05MOD-0167	For Galvanized, Add	1.01	
	05MOD-0168	For Aluminum, Add	1.21	
	05MOD-0169	For 304 Stainless Steel, Add	4.82	
	05MOD-0170	For 316 Stainless Steel, Add	5.53	
05590-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	4.84	2.12
	05MOD-0167	For Galvanized, Add	1.01	
	05MOD-0168	For Aluminum, Add	1.21	
	05MOD-0169	For 304 Stainless Steel, Add	4.85	
	05MOD-0170	For 316 Stainless Steel, Add	5.56	

05000 Metals
05500 Metal Fabrication
05590 Metal Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05590-0084	SF	1-1/2"	#13-F Plain Expanded Metal Panel, 0.57 LB/SF	5.59	2.49
	05MOD-0167		For Galvanized, Add	1.14	
	05MOD-0168		For Aluminum, Add	1.37	
	05MOD-0169		For 304 Stainless Steel, Add	5.47	
	05MOD-0170		For 316 Stainless Steel, Add	6.27	
05590-0085	SF	1-1/2"	#9-F Plain Expanded Metal Panel, 1.14 LB/SF	8.68	3.36
	05MOD-0167		For Galvanized, Add	2.10	
	05MOD-0168		For Aluminum, Add	2.52	
	05MOD-0169		For 304 Stainless Steel, Add	10.08	
	05MOD-0170		For 316 Stainless Steel, Add	11.55	

05700 Ornamental Metal (05000)

Note: Includes anchors and related accessories.

05715 Fabricated Spiral Stairs (05700)

05715-0001 Spiral Stairs, Stock Units (05715)

Note: Includes factory prime

05715-0002 Steel Tread (05715-0001)

05715-0003	VLF	3' 6"	Diameter, Spiral Steel Stair With Rails.....	241.98	38.47
	05MOD-0143		For Galvanized, Add	115.53	
05715-0004	VLF	4'	Diameter, Spiral Steel Stair With Rails.....	274.62	42.32
	05MOD-0143		For Galvanized, Add	132.99	
05715-0005	VLF	4' 6"	Diameter, Spiral Steel Stair With Rails.....	303.43	46.16
	05MOD-0143		For Galvanized, Add	147.77	
05715-0006	VLF	5'	Diameter, Spiral Steel Stair With Rails.....	325.51	50.01
	05MOD-0143		For Galvanized, Add	157.84	

05720 Ornamental Handrail And Railings (05700)

05720-0001 Custom Fabricated Railings (05720)

Note: Factory primed. Includes brackets

05720-0002 Railings; Vertical Square Bars At 6" (05720-0001)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05720-0003	LF		Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail.....	83.52	8.46
	05MOD-0144		For Rake Or Angle Railings, Add	9.40	
	05MOD-0145		For Curved Railings, Add	28.34	
	05MOD-0146		For 4" On Center Standards, Add	3.71	
	05MOD-0147		For 4-1/2" On Center Standards, Add	2.97	
	05MOD-0148		For 5" On Center Standards, Add	1.98	
	05MOD-0149		For 5-1/2" On Center Standards, Add	0.99	
	05MOD-0150		For Each Field Bending Of Rails, Add	11.03	
	05MOD-0151		For Galvanized, Add	6.92	
05720-0004	LF		Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail.....	88.74	11.54
	05MOD-0144		For Rake Or Angle Railings, Add	11.20	
	05MOD-0145		For Curved Railings, Add	26.70	
	05MOD-0146		For 4" On Center Standards, Add	3.14	
	05MOD-0147		For 4-1/2" On Center Standards, Add	2.51	
	05MOD-0148		For 5" On Center Standards, Add	1.67	
	05MOD-0149		For 5-1/2" On Center Standards, Add	0.84	
	05MOD-0150		For Each Field Bending Of Rails, Add	14.23	
05720-0005	LF		Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail.....	182.33	19.24
	05MOD-0144		For Rake Or Angle Railings, Add	19.75	
	05MOD-0145		For Curved Railings, Add	64.03	
	05MOD-0146		For 4" On Center Standards, Add	8.60	
	05MOD-0147		For 4-1/2" On Center Standards, Add	6.88	
	05MOD-0148		For 5" On Center Standards, Add	4.58	
	05MOD-0149		For 5-1/2" On Center Standards, Add	2.29	
	05MOD-0150		For Each Field Bending Of Rails, Add	19.43	
05720-0006	LF		Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail.....	169.33	15.39
	05MOD-0144		For Rake Or Angle Railings, Add	18.30	
	05MOD-0145		For Curved Railings, Add	59.59	
	05MOD-0146		For 4" On Center Standards, Add	8.01	
	05MOD-0147		For 4-1/2" On Center Standards, Add	6.41	
	05MOD-0148		For 5" On Center Standards, Add	4.27	
	05MOD-0149		For 5-1/2" On Center Standards, Add	2.14	
	05MOD-0150		For Each Field Bending Of Rails, Add	18.12	
05720-0007	LF		Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail.....	80.78	23.47
	05MOD-0144		For Rake Or Angle Railings, Add	10.68	
	05MOD-0145		For Curved Railings, Add	22.95	
	05MOD-0146		For 4" On Center Standards, Add	2.54	
	05MOD-0147		For 4-1/2" On Center Standards, Add	2.03	
	05MOD-0148		For 5" On Center Standards, Add	1.35	
	05MOD-0149		For 5-1/2" On Center Standards, Add	0.68	
	05MOD-0150		For Each Field Bending Of Rails, Add	14.23	

05720-0008 Laminated Metal Or Wood Handrails With Metal Supports (05720-0001)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05720-0009 LF 2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports.....	164.86	3.85
05MOD-0144 For Rake Or Angle Railings, Add	12.44	
05MOD-0145 For Curved Railings, Add	73.11	
05MOD-0146 For 4" On Center Standards, Add	11.34	
05MOD-0147 For 4-1/2" On Center Standards, Add	9.07	
05MOD-0148 For 5" On Center Standards, Add	6.05	
05MOD-0149 For 5-1/2" On Center Standards, Add	3.02	
05MOD-0150 For Each Field Bending Of Rails, Add	5.92	
05720-0010 Plain Handrails (05720-0001)		
05720-0011 LF 2" Brass Handrail	32.06	8.70
05720-0012 EA 90 Degree Angle For 2" Brass Handrail	76.06	30.33
05720-0013 EA End Cap For 2" Brass Handrail	36.00	15.21
05720-0014 EA Brass Bracket And Joint For 2" Brass Handrail	58.34	30.33
05720-0015 LF 2" Stainless Steel Handrail	57.09	15.82
05720-0016 Restoration Of Existing Metal Handrail And Railing (05720-0001)		
Note: Task include rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09910-0370 for painting.		
05720-0017 LF Refinish Metal Handrail	7.13	
05720-0018 LF Refinish Wrought Iron Balustrade	7.05	
05720-0019 Remove And Reinstall Ornamental Railing (05720-0001)		
05720-0020 LF Remove And Reinstall Ornamental Handrail And Pickets	70.79	
05730 Ornamental Sheet Metal (05700)		
05730-0001 Drip Pan (05730)		
05730-0002 SF Stainless Steel Drip Pan	35.52	3.77
05730-0003 SF Galvanized Steel Drip Pan	31.03	3.77
05730-0004 SF Aluminum Drip Pan	14.40	3.01
05730-0005 SF Plastic Drip Pan	12.04	2.64
05735 Metal Sheets (05700)		
Note: Wall application. See CSI section 05535-0000 for metal floor plates.		
05735-0001 Metal Sheets (05735)		
Note: Wall application. Includes field fabrication (bending) where noted.		
05735-0002 Copper Sheets (05735-0001)		
Note: Includes field fabrication.		
05735-0003 SF 0.0162" (12 Ounce) Thick Copper Sheet	13.81	1.35
05MOD-0160 For > 16 to 200 SF, Deduct	-0.83	
05MOD-0161 For > 200 to 500 SF, Deduct	-1.65	
05MOD-0162 For > 500 SF, Deduct	-2.34	
05735-0004 SF 0.0215" (16 Ounce) Thick Copper Sheet	16.90	1.51
05MOD-0160 For > 16 to 200 SF, Deduct	-1.00	
05MOD-0161 For > 200 to 500 SF, Deduct	-1.99	
05MOD-0162 For > 500 SF, Deduct	-2.84	
05735-0005 SF 0.0242" (18 Ounce) Thick Copper Sheet	18.46	1.63
05MOD-0160 For > 16 to 200 SF, Deduct	-1.09	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.17	
05MOD-0162 For > 500 SF, Deduct	-3.09	
05735-0006 SF 0.027" (20 Ounce) Thick Copper Sheet	19.84	1.71
05MOD-0160 For > 16 to 200 SF, Deduct	-1.16	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.33	
05MOD-0162 For > 500 SF, Deduct	-3.32	
05735-0007 SF 0.0323" (24 Ounce) Thick Copper Sheet	22.34	1.79
05MOD-0160 For > 16 to 200 SF, Deduct	-1.30	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.59	
05MOD-0162 For > 500 SF, Deduct	-3.71	
05735-0008 SF 0.0431" (32 Ounce) Thick Copper Sheet	27.57	1.87
05MOD-0160 For > 16 to 200 SF, Deduct	-1.57	
05MOD-0161 For > 200 to 500 SF, Deduct	-3.13	
05MOD-0162 For > 500 SF, Deduct	-4.51	
05735-0009 SF 0.052" (40 Ounce) Thick Copper Sheet	31.86	1.96
05MOD-0160 For > 16 to 200 SF, Deduct	-1.79	
05MOD-0161 For > 200 to 500 SF, Deduct	-3.58	
05MOD-0162 For > 500 SF, Deduct	-5.17	
05735-0010 SF 0.0646" (48 Ounce) Thick Copper Sheet	38.12	2.12
05MOD-0160 For > 16 to 200 SF, Deduct	-2.12	
05MOD-0161 For > 200 to 500 SF, Deduct	-4.23	
05MOD-0162 For > 500 SF, Deduct	-6.14	
05735-0011 SF 0.08" Thick Copper Sheet	46.24	2.28
05MOD-0160 For > 16 to 200 SF, Deduct	-2.54	
05MOD-0161 For > 200 to 500 SF, Deduct	-5.08	
05MOD-0162 For > 500 SF, Deduct	-7.39	

05000 Metals
05700 Ornamental Metal
05735 Metal Sheets



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05735-0012 SF 0.125" Thick Copper Sheet.....	66.24	2.44
05MOD-0160 For > 16 to 200 SF, Deduct	-3.56	
05MOD-0161 For > 200 to 500 SF, Deduct	-7.11	
05MOD-0162 For > 500 SF, Deduct	-10.42	
05735-0013 Stainless Steel Sheets (05735-0001)		
Note: Includes field fabrication.		
05735-0014 SF 0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet.....	14.89	2.58
05MOD-0152 For 316 Stainless Steel, Add	1.38	
05MOD-0160 For > 16 to 200 SF, Deduct	-1.00	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.00	
05MOD-0162 For > 500 SF, Deduct	-2.75	
05735-0015 SF 0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet.....	16.50	2.77
05MOD-0152 For 316 Stainless Steel, Add	1.62	
05MOD-0160 For > 16 to 200 SF, Deduct	-1.10	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.20	
05MOD-0162 For > 500 SF, Deduct	-3.03	
05735-0016 SF 0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet.....	17.94	2.97
05MOD-0152 For 316 Stainless Steel, Add	1.82	
05MOD-0160 For > 16 to 200 SF, Deduct	-1.19	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.39	
05MOD-0162 For > 500 SF, Deduct	-3.29	
05735-0017 SF 0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet.....	21.16	3.36
05MOD-0152 For 316 Stainless Steel, Add	2.31	
05MOD-0160 For > 16 to 200 SF, Deduct	-1.39	
05MOD-0161 For > 200 to 500 SF, Deduct	-2.79	
05MOD-0162 For > 500 SF, Deduct	-3.85	
05735-0018 SF 0.0625" Thick (16 gauge) 304 Brushed Stainless Steel Sheet.....	24.34	3.77
05MOD-0152 For 316 Stainless Steel, Add	2.78	
05MOD-0160 For > 16 to 200 SF, Deduct	-1.59	
05MOD-0161 For > 200 to 500 SF, Deduct	-3.19	
05MOD-0162 For > 500 SF, Deduct	-4.40	
05735-0019 SF 0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet.....	28.75	4.36
05MOD-0152 For 316 Stainless Steel, Add	3.40	
05MOD-0160 For > 16 to 200 SF, Deduct	-1.87	
05MOD-0161 For > 200 to 500 SF, Deduct	-3.75	
05MOD-0162 For > 500 SF, Deduct	-5.18	
05735-0020 SF 0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet.....	36.81	4.75
05MOD-0152 For 316 Stainless Steel, Add	5.34	
05MOD-0160 For > 16 to 200 SF, Deduct	-2.32	
05MOD-0161 For > 200 to 500 SF, Deduct	-4.63	
05MOD-0162 For > 500 SF, Deduct	-6.47	
05735-0021 SF 3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet.....	46.54	5.15
05MOD-0152 For 316 Stainless Steel, Add	7.79	
05MOD-0160 For > 16 to 200 SF, Deduct	-2.84	
05MOD-0161 For > 200 to 500 SF, Deduct	-5.68	
05MOD-0162 For > 500 SF, Deduct	-8.01	
05735-0022 SF 1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet.....	58.78	5.55
05MOD-0152 For 316 Stainless Steel, Add	10.98	
05MOD-0160 For > 16 to 200 SF, Deduct	-3.49	
05MOD-0161 For > 200 to 500 SF, Deduct	-6.99	
05MOD-0162 For > 500 SF, Deduct	-9.93	
05735-0023 SF 3/8" Thick 304 Brushed Stainless Steel Sheet.....	89.90	5.94
05MOD-0152 For 316 Stainless Steel, Add	19.84	
05MOD-0160 For > 16 to 200 SF, Deduct	-5.09	
05MOD-0161 For > 200 to 500 SF, Deduct	-10.18	
05MOD-0162 For > 500 SF, Deduct	-14.67	
05735-0024 SF 1/2" Thick 304 Brushed Stainless Steel Sheet.....	113.33	6.93
05MOD-0152 For 316 Stainless Steel, Add	25.68	
05MOD-0160 For > 16 to 200 SF, Deduct	-6.36	
05MOD-0161 For > 200 to 500 SF, Deduct	-12.72	
05MOD-0162 For > 500 SF, Deduct	-18.39	
05735-0025 Aluminum Sheets (05735-0001)		
Note: Includes field fabrication.		
05735-0026 SF 0.016" Thick (26 Gauge) Aluminum Sheet.....	7.45	1.35
05MOD-0160 For > 16 to 200 SF, Deduct	-0.51	
05MOD-0161 For > 200 to 500 SF, Deduct	-1.02	
05MOD-0162 For > 500 SF, Deduct	-1.39	
05735-0027 SF 0.020" Thick (24 Gauge) Aluminum Sheet.....	8.42	1.51
05MOD-0160 For > 16 to 200 SF, Deduct	-0.57	
05MOD-0161 For > 200 to 500 SF, Deduct	-1.14	
05MOD-0162 For > 500 SF, Deduct	-1.56	
05735-0028 SF 0.025" Thick (22 Gauge) Aluminum Sheet.....	9.32	1.63
05MOD-0160 For > 16 to 200 SF, Deduct	-0.63	
05MOD-0161 For > 200 to 500 SF, Deduct	-1.26	
05MOD-0162 For > 500 SF, Deduct	-1.72	
05735-0029 SF 0.032" Thick (20 Gauge) Aluminum Sheet.....	10.19	1.71
05MOD-0160 For > 16 to 200 SF, Deduct	-0.68	
05MOD-0161 For > 200 to 500 SF, Deduct	-1.36	
05MOD-0162 For > 500 SF, Deduct	-1.87	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05735-0030	SF 0.040" Thick (18 Gauge) Aluminum Sheet.....	11.07	1.79
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.73	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.47	
	05MOD-0162 For > 500 SF, Deduct	-2.02	
05735-0031	SF 0.050" Thick (16 Gauge) Aluminum Sheet.....	12.02	1.87
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.79	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.58	
	05MOD-0162 For > 500 SF, Deduct	-2.18	
05735-0032	SF 0.064" Thick (14 Gauge) Aluminum Sheet.....	13.15	1.96
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.85	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.71	
	05MOD-0162 For > 500 SF, Deduct	-2.36	
05735-0033	SF 0.090" Thick (11 Gauge) Aluminum Sheet.....	15.58	2.28
	05MOD-0160 For > 16 to 200 SF, Deduct	-1.01	
	05MOD-0161 For > 200 to 500 SF, Deduct	-2.01	
	05MOD-0162 For > 500 SF, Deduct	-2.79	
05735-0034	Galvanized Steel Sheets (05735-0001) Note: Includes field fabrication.		
05735-0035	SF 0.0217" (26 Gauge) Thick Galvanized Steel Sheet.....	8.27	1.55
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.57	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.14	
	05MOD-0162 For > 500 SF, Deduct	-1.55	
05735-0036	SF 0.0276" (24 Gauge) Thick Galvanized Steel Sheet.....	8.81	1.63
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.60	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.21	
	05MOD-0162 For > 500 SF, Deduct	-1.65	
05735-0037	SF 0.0336" (22 Gauge) Thick Galvanized Steel Sheet.....	9.19	1.71
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.63	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.26	
	05MOD-0162 For > 500 SF, Deduct	-1.72	
05735-0038	SF 0.0396" (20 Gauge) Thick Galvanized Steel Sheet.....	9.73	1.79
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.67	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.33	
	05MOD-0162 For > 500 SF, Deduct	-1.82	
05735-0039	SF 0.0516" (18 Gauge) Thick Galvanized Steel Sheet.....	10.43	1.87
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.71	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.42	
	05MOD-0162 For > 500 SF, Deduct	-1.94	
05735-0040	SF 0.0635" (16 Gauge) Thick Galvanized Steel Sheet.....	11.18	1.96
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.75	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.51	
	05MOD-0162 For > 500 SF, Deduct	-2.07	
05735-0041	SF 0.0785" (14 Gauge) Thick Galvanized Steel Sheet.....	12.69	2.12
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.85	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.69	
	05MOD-0162 For > 500 SF, Deduct	-2.33	
05735-0042	SF 0.1084" (12 Gauge) Thick Galvanized Steel Sheet.....	14.42	2.28
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.95	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.90	
	05MOD-0162 For > 500 SF, Deduct	-2.62	
05735-0043	SF 0.1382" (10 Gauge) Thick Galvanized Steel Sheet.....	15.88	2.44
	05MOD-0160 For > 16 to 200 SF, Deduct	-1.04	
	05MOD-0161 For > 200 to 500 SF, Deduct	-2.08	
	05MOD-0162 For > 500 SF, Deduct	-2.87	
05735-0044	Galvanized Zinc-Plated Steel Sheets (05735-0001) Note: Includes field fabrication.		
05735-0045	SF 0.013" Thick Galvanized Zinc Plated Steel Sheet.....	6.92	1.20
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.47	
	05MOD-0161 For > 200 to 500 SF, Deduct	-0.93	
	05MOD-0162 For > 500 SF, Deduct	-1.28	
05735-0046	SF 0.016" Thick Galvanized Zinc Plated Steel Sheet.....	7.98	1.35
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.53	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.07	
	05MOD-0162 For > 500 SF, Deduct	-1.47	
05735-0047	SF 0.019" Thick Galvanized Zinc Plated Steel Sheet.....	9.03	1.51
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.60	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.20	
	05MOD-0162 For > 500 SF, Deduct	-1.66	
05735-0048	SF 0.024" Thick Galvanized Zinc Plated Steel Sheet.....	9.97	1.63
	05MOD-0160 For > 16 to 200 SF, Deduct	-0.66	
	05MOD-0161 For > 200 to 500 SF, Deduct	-1.32	
	05MOD-0162 For > 500 SF, Deduct	-1.82	

05800 Expansion Control (05000)

05805 Expansion Joint Covers (05800)

05805-0001 Floor Assembly Type (05805)

05805-0002 With 1" Space (05805-0001)

05000 Metals
05800 Expansion Control
05805 Expansion Joint Covers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05805-0003 LF Aluminum Expansion Joint Cover, 1" Opening Floor Assembly Type.....	34.39	4.75
05805-0004 LF Bronze Expansion Joint Cover, 1" Opening Floor Assembly Type	61.60	4.75
05805-0005 LF Stainless Steel Expansion Joint Cover, 1" Opening Floor Assembly Type	64.42	4.75
05805-0006 With 2" Space <small>(05805-0001)</small>		
05805-0007 LF Aluminum Expansion Joint Cover, 2" Opening Floor Assembly Type.....	41.16	4.75
05805-0008 LF Bronze Expansion Joint Cover, 2" Opening Floor Assembly Type	75.19	4.75
05805-0009 LF Stainless Steel Expansion Joint Cover, 2" Opening Floor Assembly Type	86.21	4.75
05805-0010 Ceiling And Wall Assembly Type <small>(05805)</small>		
05805-0011 With 1" Space <small>(05805-0010)</small>		
05805-0012 LF Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type.....	27.62	4.75
05805-0013 LF Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	48.02	4.75
05805-0014 LF Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	53.53	4.75
05805-0015 With 2" Space <small>(05805-0010)</small>		
05805-0016 LF Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	31.68	4.75
05805-0017 LF Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	54.81	4.75
05805-0018 LF Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	64.42	4.75

END OF SECTION 05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06000 Wood And Plastic

06100 Rough Carpentry (06000)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06700-0000 for metal anchors and supports.

06110 Wood Framing (06100)

06110-0001 Rafters And Joists (06110)

06110-0002 Rafters (06110-0001)

Note: An inclined roof framing member to which a roof covering is attached.

06110-0003	LF 2" x 6" Wood Rafter	1.61	0.78
06110-0004	LF 2" x 8" Wood Rafter	1.92	0.85
06110-0005	LF 2" x 10" Wood Rafter	2.75	1.23
06110-0006	LF 2" x 12" Wood Rafter	3.18	1.37
06110-0007	LF 2" x 14" Wood Rafter	3.46	1.50
06110-0008	LF 2" x 6" Pressure Treated Wood Rafter.....	2.13	0.78
06110-0009	LF 2" x 8" Pressure Treated Wood Rafter.....	2.64	0.85
06110-0010	LF 2" x 10" Pressure Treated Wood Rafter.....	3.53	1.23
06110-0011	LF 2" x 12" Pressure Treated Wood Rafter.....	4.29	1.37

06110-0012 Joists (06110-0001)

Note: A series of parallel beams to support floors or ceilings.

06110-0013	LF 2" x 6" Pressure Treated Wood Floor Joist.....	1.94	0.65
06110-0014	LF 2" x 8" Pressure Treated Wood Floor Joist.....	2.51	0.71
06110-0015	LF 2" x 10" Pressure Treated Wood Floor Joist.....	3.07	0.91
06110-0016	LF 2" x 12" Pressure Treated Wood Floor Joist.....	3.84	1.04

06110-0017 Purlins (06110-0001)

Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.

06110-0018	LF 2" x 4" Wood Purlin.....	1.12	0.39
06110-0019	LF 2" x 6" Wood Purlin.....	1.43	0.43
06110-0020	LF 2" x 8" Wood Purlin.....	1.76	0.48
06110-0021	LF 2" x 10" Wood Purlin.....	2.16	0.52
06110-0022	LF 2" x 4" Pressure Treated Wood Purlin	1.43	0.39
06110-0023	LF 2" x 6" Pressure Treated Wood Purlin	1.95	0.43
06110-0024	LF 2" x 8" Pressure Treated Wood Purlin	2.48	0.48
06110-0025	LF 2" x 10" Pressure Treated Wood Purlin	2.94	0.52

06110-0026 Built-Up Members (06110)

Note: A structural framing member made from fastening separate pieces of lumber together.

06110-0027 Built-Up Beams Or Joists (06110-0026)

06110-0028	LF Two 2" x 6" Built-up Wood Beam Or Joist.....	2.83	1.11
	<i>06MOD-0002 For Each Additional 2"x_" In The Built Up Member, Add</i>	<i>0.57</i>	
06110-0029	LF Two 2" x 8" Built-up Wood Beam Or Joist.....	3.56	1.30
	<i>06MOD-0002 For Each Additional 2"x_" In The Built Up Member, Add</i>	<i>0.81</i>	
06110-0030	LF Two 2" x 10" Built-up Wood Beam Or Joist.....	4.59	1.56
	<i>06MOD-0002 For Each Additional 2"x_" In The Built Up Member, Add</i>	<i>1.13</i>	

06110-0031 Framing (06110)

06110-0032 Partition Framing (06110-0031)

06110-0033	LF 2" x 4" Wood Stud Framing, For Partition Walls	1.08	0.52
06110-0034	LF 2" x 6" Wood Stud Framing, For Partition Walls	1.35	0.55
06110-0035	LF 2" x 8" Wood Stud Framing, For Partition Walls	1.63	0.58
06110-0036	LF 2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.39	0.52
06110-0037	LF 2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.87	0.55
06110-0038	LF 2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.35	0.58

06110-0039 Sills And Plates (06110)

06110-0040 Sills (06110-0039)

Note: A horizontal member which rests on and is attached to the foundation.

06110-0041	LF 2" x 4" Wood Sill	1.80	0.98
	<i>06MOD-0134 For "Green" Materials (FSC and SCS certified), Add</i>	<i>0.05</i>	
06110-0042	LF 2" x 6" Wood Sill	2.20	1.11
	<i>06MOD-0134 For "Green" Materials (FSC and SCS certified), Add</i>	<i>0.09</i>	
06110-0043	LF 2" x 8" Wood Sill	2.64	1.23
	<i>06MOD-0134 For "Green" Materials (FSC and SCS certified), Add</i>	<i>0.12</i>	
06110-0044	LF 2" x 4" Pressure Treated Wood Sill.....	2.11	0.98
06110-0045	LF 2" x 6" Pressure Treated Wood Sill.....	2.72	1.11
06110-0046	LF 2" x 8" Pressure Treated Wood Sill.....	3.36	1.23

06000 Wood And Plastic**06100 Rough Carpentry****06110 Wood Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06110-0047		Plates <small>(06110-0039)</small>		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06110-0048	LF	2" x 4" Wood Plate	1.80	0.98
		<i>06MOD-0135 For "Green" Materials (FSC and SCS certified), Add</i>	<i>0.05</i>	
06110-0049	LF	2" x 6" Wood Plate	2.20	1.11
		<i>06MOD-0135 For "Green" Materials (FSC and SCS certified), Add</i>	<i>0.09</i>	
06110-0050	LF	2" x 8" Wood Plate	2.63	1.23
		<i>06MOD-0135 For "Green" Materials (FSC and SCS certified), Add</i>	<i>0.12</i>	
06110-0051	LF	2" x 4" Pressure Treated Wood Plate	2.11	0.98
06110-0052	LF	2" x 6" Pressure Treated Wood Plate	2.72	1.11
06110-0053	LF	2" x 8" Pressure Treated Wood Plate	3.35	1.23
06110-0054		Sills And Plates From Redwood <small>(06110-0039)</small>		
06110-0055		Construction Grade/Rough <small>(06110-0054)</small>		
06110-0056	LF	2" x 6" Redwood, Construction Grade/Rough	3.12	1.11
06110-0057	LF	2" x 8" Redwood, Construction Grade/Rough	4.11	1.23
06110-0058	LF	2" x 10" Redwood, Construction Grade/Rough	5.00	1.37
06110-0059	LF	2" x 12" Redwood, Construction Grade/Rough	6.03	1.50
06110-0060		Con Heart/Smooth <small>(06110-0054)</small>		
06110-0061	LF	2" x 6" Redwood, Con Heart/Smooth	3.76	1.11
06110-0062	LF	2" x 8" Redwood, Con Heart/Smooth	5.06	1.23
06110-0063	LF	2" x 10" Redwood, Con Heart/Smooth	6.61	1.37
06110-0064	LF	2" x 12" Redwood, Con Heart/Smooth	7.95	1.50
06110-0065		Suspended Ceiling Framing <small>(06110)</small>		
06110-0066	LF	1" x 2" Wood Suspended Ceiling Framing	1.45	0.85
06110-0067	LF	1" x 3" Wood Suspended Ceiling Framing	1.60	0.91
06110-0068	LF	2" x 2" Wood Suspended Ceiling Framing	1.74	0.98
06110-0069	LF	2" x 4" Wood Suspended Ceiling Framing	2.07	1.11
06110-0070	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	1.69	0.85
06110-0071	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	1.59	0.91
06110-0072	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.02	0.98
06110-0073	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.34	1.11
06110-0074		Posts And Girts <small>(06110)</small>		
06110-0075		Posts <small>(06110-0074)</small>		
		Note: A vertical, upright framing member.		
06110-0076	LF	4" x 4" Wood Post	2.56	1.23
06110-0077	LF	4" x 5" Wood Post	2.92	1.43
06110-0078	LF	4" x 6" Wood Post	3.21	1.56
06110-0079	LF	6" x 6" Wood Post	3.58	1.69
06110-0080	LF	8" x 8" Wood Post	3.93	1.75
06110-0081	LF	10" x 10" Wood Post	4.30	2.02
06110-0082	LF	4" x 4" Pressure Treated Wood Post	3.55	1.23
06110-0083	LF	4" x 6" Pressure Treated Wood Post	4.61	1.56
06110-0084	LF	6" x 6" Pressure Treated Wood Post	5.99	1.69
06110-0085		Girts <small>(06110-0074)</small>		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06110-0086	LF	2" x 4" Wood Girt	1.28	0.47
06110-0087	LF	2" x 6" Wood Girt	1.60	0.51
06110-0088	LF	2" x 8" Wood Girt	1.94	0.57
06110-0089	LF	2" x 10" Wood Girt	2.37	0.62
06110-0090	LF	4" x 4" Wood Girt	2.48	0.94
06110-0091	LF	4" x 5" Wood Girt	2.84	1.05
06110-0092	LF	4" x 6" Wood Girt	3.20	1.17
06110-0093	LF	6" x 6" Wood Girt	3.56	1.28
06110-0094	LF	8" x 8" Wood Girt	3.92	1.41
06110-0095	LF	10" x 10" Wood Girt	4.29	1.53
06110-0096	LF	2" x 4" Pressure Treated Wood Girt	1.59	0.47
06110-0097	LF	2" x 6" Pressure Treated Wood Girt	2.12	0.51
06110-0098	LF	2" x 8" Pressure Treated Wood Girt	2.66	0.57
06110-0099	LF	2" x 10" Pressure Treated Wood Girt	3.15	0.62
06110-0100	LF	4" x 4" Pressure Treated Wood Girt	3.55	0.94
06110-0101	LF	4" x 6" Pressure Treated Wood Girt	4.61	1.17
06110-0102	LF	6" x 6" Pressure Treated Wood Girt	5.99	1.28
06110-0103		Posts From Redwood <small>(06110-0074)</small>		
06110-0104		Construction Grade/Rough <small>(06110-0103)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06110-0105	LF 4" x 4" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	4.66 0.56	1.23
06110-0106	LF 4" x 5" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	5.59 0.70	1.43
06110-0107	LF 4" x 6" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	6.53 0.84	1.56
06110-0108	LF 4" x 8" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	8.03 1.12	1.61
06110-0109	LF 4" x 10" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	9.57 1.40	1.71
06110-0110	LF 6" x 6" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	8.86 1.26	1.69
06110-0111	LF 6" x 8" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	11.06 1.68	1.75
06110-0112	LF 6" x 10" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	13.21 2.09	1.65
06110-0113	LF 8" x 8" Redwood, Construction Grade/Rough Post..... <i>06MOD-0140 For Smooth "Clear", Add</i>	13.98 2.23	1.75
06110-0114	Stair Stringers <small>(06110)</small>		
06110-0115	LF 2" x 10" Wood Stair Stringer <i>06MOD-0136 For "Green" Materials (FSC and SCS certified), Add</i>	5.00 0.17	2.60
06110-0116	LF 2" x 12" Wood Stair Stringer <i>06MOD-0136 For "Green" Materials (FSC and SCS certified), Add</i>	5.94 0.21	3.06
06110-0117	LF 2" x 10" Pressure Treated Wood Stair Stringer.....	5.80	2.60
06110-0118	LF 2" x 12" Pressure Treated Wood Stair Stringer.....	7.03	3.06
06110-0119	Blocking <small>(06110)</small>		
06110-0120	Pressure Treated Lattice <small>(06110-0119)</small>		
06110-0121	SF 3/4" Thick Pressure Treated Wood Lattice	4.32	1.37
06110-0122	Canopy Framing, Bridging, And Furring <small>(06110)</small>		
06110-0123	Wood And Steel Bridging <small>(06110-0122)</small>		
06110-0124	Wood Bridging <small>(06110-0123)</small>		
06110-0125	EA 1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	5.30	2.28
06110-0126	EA 1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	5.48	2.28
06110-0127	Steel Bridging <small>(06110-0123)</small>		
06110-0128	EA 1 Pair Steel Bridging, Wood Joists At 16" On Center.....	6.22	2.28
06110-0129	EA 1 Pair Steel Bridging, Wood Joists At 24" On Center.....	6.21	2.28
06110-0130	Light Framing, Trim And Furring <small>(06110-0122)</small>		
06110-0131	Redwood Light Framing, Trim And Furring <small>(06110-0130)</small>		
06110-0132	LF 1" x 1" Redwood Light Framing, Trim And Furring.....	1.16	0.53
06110-0133	LF 1" x 2" Redwood Light Framing, Trim And Furring.....	1.36	0.58
06110-0134	LF 1" x 4" Redwood Light Framing, Trim And Furring.....	1.68	0.64
06110-0135	LF 1" x 6" Redwood Light Framing, Trim And Furring.....	2.05	0.71
06110-0136	LF 1" x 8" Redwood Light Framing, Trim And Furring.....	2.44	0.78
06110-0137	LF 1" x 10" Redwood Light Framing, Trim And Furring.....	2.87	0.86
06110-0138	LF 2" x 2" Redwood Light Framing, Trim And Furring.....	2.06	0.71
06110-0139	LF 2" x 4" Redwood Light Framing, Trim And Furring.....	2.46	0.78
06110-0140	Poplar Light Framing, Trim And Furring <small>(06110-0130)</small>		
06110-0141	LF 1" x 1" Poplar Light Framing, Trim And Furring	1.38	0.53
06110-0142	LF 1" x 2" Poplar Light Framing, Trim And Furring	1.71	0.58
06110-0143	LF 1" x 4" Poplar Light Framing, Trim And Furring	2.17	0.64
06110-0144	LF 1" x 6" Poplar Light Framing, Trim And Furring	2.80	0.71
06110-0145	LF 1" x 8" Poplar Light Framing, Trim And Furring	3.27	0.78
06110-0146	LF 1" x 10" Poplar Light Framing, Trim And Furring	4.35	0.86
06110-0147	LF 1" x 12" Poplar Light Framing, Trim And Furring	4.73	0.86
06110-0148	LF 2" x 2" Poplar Light Framing, Trim And Furring	3.74	0.71
06110-0149	LF 2" x 4" Poplar Light Framing, Trim And Furring	4.20	0.78
06110-0150	LF 2" x 6" Poplar Light Framing, Trim And Furring	5.66	0.86
06110-0151	Maple Light Framing, Trim And Furring <small>(06110-0130)</small>		
06110-0152	LF 1" x 4" Maple Light Framing, Trim And Furring.....	3.12	0.64
06110-0153	LF 1" x 6" Maple Light Framing, Trim And Furring.....	4.28	0.71
06110-0154	LF 1" x 8" Maple Light Framing, Trim And Furring.....	5.46	0.78

06000 Wood And Plastic**06100 Rough Carpentry****06110 Wood Framing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**06130 Heavy Timber Construction** (06100)**06130-0001 Mill Framed Structures** (06130)**06130-0002 Heavy Beams** (06130-0001)

06130-0003	LF	4" x 8" Heavy Wood Beam, For Mill Framed Structure	5.15	1.25
06130-0004	LF	4" x 10" Heavy Wood Beam, For Mill Framed Structure	5.97	1.34
06130-0005	LF	4" x 12" Heavy Wood Beam, For Mill Framed Structure	6.80	1.42
06130-0006	LF	6" x 6" Heavy Wood Beam, For Mill Framed Structure	5.55	1.30
06130-0007	LF	6" x 8" Heavy Wood Beam, For Mill Framed Structure	6.66	1.37
06130-0008	LF	6" x 10" Heavy Wood Beam, For Mill Framed Structure	7.89	1.47
06130-0009	LF	6" x 12" Heavy Wood Beam, For Mill Framed Structure	8.95	1.50
06130-0010	LF	8" x 12" Heavy Wood Beam, For Mill Framed Structure	10.16	1.50
06130-0011	LF	8" x 14" Heavy Wood Beam, For Mill Framed Structure	12.51	1.63
06130-0012	LF	8" x 16" Heavy Wood Beam, For Mill Framed Structure	14.07	1.72
06130-0013	LF	10" x 10" Heavy Wood Beam, For Mill Framed Structure	11.32	1.50

06130-0014 Columns (06130-0001)

06130-0015	LF	6" x 6" Wood Column, For Mill Framed Structure	4.27	0.65
06130-0016	LF	8" x 8" Wood Column, For Mill Framed Structure	6.79	0.74
06130-0017	LF	10" x 10" Wood Column, For Mill Framed Structure	9.95	0.85
06130-0018	LF	12" x 12" Wood Column, For Mill Framed Structure	13.80	0.98

06150 Wood Decks (06100)**06150-0001 Wood Deck Systems** (06150)

Note: Includes the deck, joists, girders, posts (8' O.C.), pickets and railing.

06150-0002 Pressure Treated Wood Deck System (06150-0001)**06150-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System** (06150-0002)

06150-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	21.82	4.91
06150-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	21.05	4.67
06150-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	22.59	5.04
06150-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	21.80	4.79

06150-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System (06150-0002)

06150-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	22.52	5.04
06150-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	21.71	4.79
06150-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	23.29	5.16
06150-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	22.50	4.90

06150-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System (06150-0002)

06150-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	21.82	4.91
06150-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	21.05	4.67
06150-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	22.59	5.04
06150-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	21.80	4.79

06150-0018 Redwood With Pressure Treated Joists, Wood Deck System (06150-0001)**06150-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System** (06150-0018)

06150-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	22.98	4.91
06150-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	22.27	4.39
06150-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.05	5.04
06150-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	23.18	4.79

06150-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06150-0018)

06150-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	24.35	5.04
06150-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	23.60	4.79
06150-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	25.48	5.16
06150-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	24.61	4.90

06150-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06150-0018)

06150-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	23.45	4.91
06150-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	22.74	4.67
06150-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	24.54	5.04
06150-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	24.05	4.79



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06150-0034	Wood Ramp Systems <small>(06150)</small> Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.		
06150-0035	Pressure Treated Wood Ramp System <small>(06150-0034)</small>		
06150-0036	2" x 6" Joists, Pressure Treated Wood Ramp System <small>(06150-0035)</small>		
06150-0037	SF 5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	25.67	4.79
06150-0038	SF 5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	24.67	4.54
06150-0039	SF 2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	26.51	4.91
06150-0040	SF 2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	25.51	4.67
06150-0041	2" x 8" Joists, Pressure Treated Wood Ramp System <small>(06150-0035)</small>		
06150-0042	SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	26.44	4.91
06150-0043	SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	25.43	4.67
06150-0044	SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	27.33	5.04
06150-0045	SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	26.31	4.79
06150-0046	2" x 10" Joists, Pressure Treated Wood Ramp System <small>(06150-0035)</small>		
06150-0047	SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	27.24	5.03
06150-0048	SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	26.22	4.79
06150-0049	SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	28.15	5.16
06150-0050	SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	27.11	4.90
06150-0051	Redwood With Pressure Treated Joists, Wood Ramp System <small>(06150-0034)</small>		
06150-0052	2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06150-0051)</small>		
06150-0053	SF 5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	26.76	4.79
06150-0054	SF 5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	25.82	4.54
06150-0055	SF 2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	27.88	4.91
06150-0056	SF 2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	26.81	4.67
06150-0057	2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06150-0051)</small>		
06150-0058	SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	27.60	4.91
06150-0059	SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	26.65	4.67
06150-0060	SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	28.79	5.04
06150-0061	SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	27.69	4.79
06150-0062	2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06150-0051)</small>		
06150-0063	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	29.07	5.03
06150-0064	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	28.11	4.79
06150-0065	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	30.34	5.16
06150-0066	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	29.46	4.90
06150-0067	Cedar With Pressure Treated Joists, Wood Ramp System <small>(06150-0034)</small>		
06150-0068	2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06150-0067)</small>		
06150-0069	SF 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	26.06	4.79
06150-0070	SF 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	25.07	4.54
06150-0071	SF 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	26.93	4.91
06150-0072	SF 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	25.95	4.67
06150-0073	2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06150-0067)</small>		
06150-0074	SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	26.85	4.91
06150-0075	SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	25.86	4.67
06150-0076	SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	27.78	5.04
06150-0077	SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	26.78	4.79
06150-0078	2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06150-0067)</small>		
06150-0079	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	27.69	5.03
06150-0080	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	26.68	4.79
06150-0081	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	28.63	5.16
06150-0082	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	27.60	4.90
06150-0083	Wood Stair Systems <small>(06150)</small> Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.		
06150-0084	Pressure Treated Wood Stair System <small>(06150-0083)</small>		
06150-0085	2" x 10" Joists, Pressure Treated Wood Stair System <small>(06150-0084)</small>		
06150-0086	RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	68.31	11.79

06000 Wood And Plastic**06100 Rough Carpentry****06150 Wood Decks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06150-0087 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	66.30	11.20
06150-0088 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	70.35	12.09
06150-0089 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	68.04	11.49
06150-0090 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	71.73	12.38
06150-0091 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	69.61	11.76
06150-0092 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	73.87	12.70
06150-0093 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	71.46	12.07
06150-0094 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	75.25	13.00
06150-0095 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	73.03	12.35
06150-0096 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	77.50	13.34
06150-0097 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	74.95	12.67
06150-0098 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	79.72	13.65
06150-0099 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	77.43	12.97
06150-0100 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	82.11	14.00
06150-0101 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	79.47	13.31
06150-0102 2" x 12" Joists, Pressure Treated Wood Stair System (06150-0084)		
06150-0103 RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	69.82	12.09
06150-0104 RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	67.53	11.48
06150-0105 RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	71.98	12.39
06150-0106 RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	69.63	11.77
06150-0107 RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	73.32	12.69
06150-0108 RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	70.92	12.06
06150-0109 RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	75.57	13.01
06150-0110 RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	73.12	12.36
06150-0111 RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	76.91	13.32
06150-0112 RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	74.40	12.66
06150-0113 RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	79.29	13.66
06150-0114 RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	76.69	12.98
06150-0115 RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	81.48	13.99
06150-0116 RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	78.86	13.30
06150-0117 RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	83.99	14.35
06150-0118 RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	81.32	13.63
06150-0119 Redwood With Pressure Treated Joists, Wood Stair System (06150-0083)		
06150-0120 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06150-0119)		
06150-0121 RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	74.79	11.79
06150-0122 RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	72.72	11.20
06150-0123 RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	77.23	12.09
06150-0124 RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	75.13	11.49
06150-0125 RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	78.53	12.38
06150-0126 RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	76.35	11.76
06150-0127 RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	81.09	12.70
06150-0128 RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	78.90	12.07
06150-0129 RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	82.36	13.00
06150-0130 RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	80.07	12.35
06150-0131 RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	85.05	13.34
06150-0132 RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	82.73	12.67
06150-0133 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	87.54	13.65
06150-0134 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	85.18	12.97
06150-0135 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	90.41	14.00
06150-0136 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	88.02	13.31
06150-0137 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06150-0119)		
06150-0138 RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	74.39	12.09
06150-0139 RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	72.26	11.48
06150-0140 RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	76.73	12.39
06150-0141 RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	74.61	11.77
06150-0142 RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	78.12	12.69
06150-0143 RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	75.89	12.06
06150-0144 RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	80.56	13.01
06150-0145 RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	78.34	12.36
06150-0146 RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	81.92	13.32
06150-0147 RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	79.59	12.66
06150-0148 RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	84.50	13.66
06150-0149 RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	82.16	12.98
06150-0150 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	87.00	13.99
06150-0151 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	84.57	13.30
06150-0152 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	89.73	14.35
06150-0153 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	87.33	13.63
06150-0154 Wood Deck And Ramp Systems Repairs (06150)		
Note: Includes removal of material and screws. Excludes anchors and bolts.		
06150-0155 Deck Joist Or Girt (06150-0154)		
See CSI section 06110-0012 for treated wood joist replacement.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06150-0156 Deck Boards <small>(06150-0154)</small>		
06150-0157 LF 5/4" x 4" Round Edge Pressure Treated Deck Boards.....	1.48	0.50
06150-0158 LF 5/4" x 6" Round Edge Pressure Treated Deck Boards.....	1.62	0.59
06150-0159 LF 5/4" x 6" Round Edge Pressure Treated Deck Boards.....	1.68	0.64
06150-0160 LF 2" x 4" Round Edge Pressure Treated Deck Boards.....	1.58	0.59
06150-0161 LF 2" x 6" Round Edge Pressure Treated Deck Boards.....	2.15	0.68
06150-0162 LF 2" x 8" Round Edge Pressure Treated Deck Boards.....	2.78	0.82
06150-0163 LF 2" x 10" Round Edge Pressure Treated Deck Boards.....	3.40	1.00
06150-0164 LF 2" x 12" Round Edge Pressure Treated Deck Boards.....	4.24	1.18
06150-0165 LF 2" x 4" Round Edge Cedar Deck Boards.....	1.65	0.59
06150-0166 LF 2" x 6" Round Edge Cedar Deck Boards.....	2.14	0.68
06150-0167 LF 2" x 4" Round Edge Redwood Deck Boards.....	1.82	0.59
06150-0168 LF 2" x 6" Round Edge Redwood Deck Boards.....	2.40	0.68
06150-0169 Deck Railing And Pickets <small>(06150-0154)</small>		
06150-0170 LF 2" x 4" Pressure Treated Deck Railing.....	1.58	0.59
06150-0171 LF 2" x 2" Pressure Treated Deck Railing Picket.....	1.00	0.46
06150-0172 LF 2" x 4" Cedar Deck Railing.....	1.65	0.59
06150-0173 LF 2" x 2" Cedar Deck Railing Picket.....	1.23	0.46
06150-0174 LF 2" x 4" Redwood Deck Railing.....	1.82	0.59
06150-0175 LF 2" x 2" Redwood Deck Railing Picket.....	1.36	0.46
06160 Sheathing, Siding And Subflooring <small>(06100)</small>		
06160-0001 Plywood <small>(06160)</small>		
06160-0002 Roof Decking <small>(06160-0001)</small>		
06160-0003 SF 3/8" Thick CDX Plywood Roof Decking.....	1.17	0.33
Note: Applied to wood rafters.		
06MOD-0003 For Shear Wall Construction, Add	0.15	
06MOD-0004 For Exterior CC Grade Plywood, Add	0.06	
06MOD-0005 For Application To Metal Studs, Joists, Or Rafters, Add	0.15	
06MOD-0008 For ACQ Preservative Treatment, Add	0.25	
06MOD-0009 For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.14	
06MOD-0010 For Fire Retardant Treatment, Add	0.32	
06MOD-0023 For > 3200 To 6400, Deduct	-0.01	
06MOD-0024 For > 6400 To 12800, Deduct	-0.02	
06MOD-0025 For > 12800, Deduct	-0.02	
06160-0004 SF 1/2" Thick CDX Plywood Roof Decking.....	1.34	0.39
Note: Applied to wood rafters.		
06MOD-0003 For Shear Wall Construction, Add	0.17	
06MOD-0004 For Exterior CC Grade Plywood, Add	0.08	
06MOD-0005 For Application To Metal Studs, Joists, Or Rafters, Add	0.17	
06MOD-0008 For ACQ Preservative Treatment, Add	0.31	
06MOD-0009 For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.26	
06MOD-0010 For Fire Retardant Treatment, Add	0.40	
06MOD-0023 For > 3200 To 6400, Deduct	-0.01	
06MOD-0024 For > 6400 To 12800, Deduct	-0.02	
06MOD-0025 For > 12800, Deduct	-0.03	
06160-0005 SF 5/8" Thick CDX Plywood Roof Decking.....	1.53	0.39
Note: Applied to wood rafters.		
06MOD-0003 For Shear Wall Construction, Add	0.18	
06MOD-0004 For Exterior CC Grade Plywood, Add	0.09	
06MOD-0005 For Application To Metal Studs, Joists, Or Rafters, Add	0.18	
06MOD-0008 For ACQ Preservative Treatment, Add	0.39	
06MOD-0009 For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.35	
06MOD-0010 For Fire Retardant Treatment, Add	0.50	
06MOD-0023 For > 3200 To 6400, Deduct	-0.01	
06MOD-0024 For > 6400 To 12800, Deduct	-0.03	
06MOD-0025 For > 12800, Deduct	-0.04	
06MOD-0032 For Tongue And Groove, Add	0.04	
06160-0006 SF 3/4" Thick CDX Plywood Roof Decking.....	1.70	0.46
Note: Applied to wood rafters.		
06MOD-0003 For Shear Wall Construction, Add	0.19	
06MOD-0004 For Exterior CC Grade Plywood, Add	0.11	
06MOD-0005 For Application To Metal Studs, Joists, Or Rafters, Add	0.19	
06MOD-0008 For ACQ Preservative Treatment, Add	0.45	
06MOD-0009 For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.46	
06MOD-0010 For Fire Retardant Treatment, Add	0.58	
06MOD-0023 For > 3200 To 6400, Deduct	-0.01	
06MOD-0024 For > 6400 To 12800, Deduct	-0.03	
06MOD-0025 For > 12800, Deduct	-0.04	
06MOD-0032 For Tongue And Groove, Add	0.05	
06160-0007 Wall Sheathing <small>(06160-0001)</small>		

06000 Wood And Plastic**06100 Rough Carpentry****06160 Sheathing, Siding And Subflooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06160-0008	SF		1/4" Interior BC Plywood Wall Sheathing.....	1.37	0.46
			Note: Applied to wall studs.		
	06MOD-0003		For Shear Wall Construction, Add	0.19	
	06MOD-0004		For Exterior CC Grade Plywood, Add	0.06	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.19	
	06MOD-0006		For Ceiling Installation, Add	0.10	
	06MOD-0009		For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.46	
	06MOD-0010		For Fire Retardant Treatment, Add	0.32	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.02	
	06MOD-0025		For > 12800, Deduct	-0.02	
06160-0009	SF		5/16" Interior BC Plywood Wall Sheathing.....	1.39	0.46
			Note: Applied to wall studs.		
	06MOD-0003		For Shear Wall Construction, Add	0.19	
	06MOD-0004		For Exterior CC Grade Plywood, Add	0.06	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.19	
	06MOD-0006		For Ceiling Installation, Add	0.10	
	06MOD-0009		For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.46	
	06MOD-0010		For Fire Retardant Treatment, Add	0.33	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.02	
	06MOD-0025		For > 12800, Deduct	-0.02	
06160-0010	SF		3/8" Interior BC Plywood Wall Sheathing.....	1.43	0.52
			Note: Applied to wall studs.		
	06MOD-0003		For Shear Wall Construction, Add	0.19	
	06MOD-0004		For Exterior CC Grade Plywood, Add	0.07	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.19	
	06MOD-0006		For Ceiling Installation, Add	0.10	
	06MOD-0009		For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.46	
	06MOD-0010		For Fire Retardant Treatment, Add	0.36	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.02	
	06MOD-0025		For > 12800, Deduct	-0.03	
06160-0011	SF		1/2" Interior BC Plywood Wall Sheathing.....	1.62	0.52
			Note: Applied to wall studs.		
	06MOD-0003		For Shear Wall Construction, Add	0.21	
	06MOD-0004		For Exterior CC Grade Plywood, Add	0.09	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.21	
	06MOD-0006		For Ceiling Installation, Add	0.10	
	06MOD-0009		For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.56	
	06MOD-0010		For Fire Retardant Treatment, Add	0.46	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.02	
	06MOD-0025		For > 12800, Deduct	-0.03	
06160-0012	SF		5/8" Interior BC Plywood Wall Sheathing.....	1.83	0.58
			Note: Applied to wall studs.		
	06MOD-0003		For Shear Wall Construction, Add	0.22	
	06MOD-0004		For Exterior CC Grade Plywood, Add	0.11	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.22	
	06MOD-0006		For Ceiling Installation, Add	0.11	
	06MOD-0009		For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.67	
	06MOD-0010		For Fire Retardant Treatment, Add	0.57	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.03	
	06MOD-0025		For > 12800, Deduct	-0.04	
06160-0013	SF		3/4" Interior BC Plywood Wall Sheathing.....	2.02	0.65
			Note: Applied to wall studs.		
	06MOD-0003		For Shear Wall Construction, Add	0.24	
	06MOD-0004		For Exterior CC Grade Plywood, Add	0.12	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.24	
	06MOD-0006		For Ceiling Installation, Add	0.12	
	06MOD-0009		For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.80	
	06MOD-0010		For Fire Retardant Treatment, Add	0.65	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.02	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.03	
	06MOD-0025		For > 12800, Deduct	-0.05	

06160-0014**Floor Decking** (06160-0001)

Note: Includes patching of seams and all fastener holes where necessary.



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06160-0015	SF	1/2" AC Fir Plywood Floor Decking.....	1.55	0.39
		Note: Applied to floor or joists.		
	06MOD-0009	For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.23	
	06MOD-0010	For Fire Retardant Treatment, Add	0.58	
	06MOD-0023	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024	For > 6400 To 12800, Deduct	-0.03	
	06MOD-0025	For > 12800, Deduct	-0.04	
	06MOD-0029	For ACQ Preservative Treatment, Add	0.45	
	06MOD-0030	For Exterior Glue, Add	0.07	
	06MOD-0031	For Marine Grade, Add	0.57	
	06MOD-0033	For Tongue And Groove, Add	0.05	
06160-0016	SF	5/8" AC Fir Plywood Floor Decking.....	1.75	0.39
		Note: Applied to floor or joists.		
	06MOD-0009	For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.34	
	06MOD-0010	For Fire Retardant Treatment, Add	0.68	
	06MOD-0023	For > 3200 To 6400, Deduct	-0.02	
	06MOD-0024	For > 6400 To 12800, Deduct	-0.03	
	06MOD-0025	For > 12800, Deduct	-0.05	
	06MOD-0029	For ACQ Preservative Treatment, Add	0.53	
	06MOD-0030	For Exterior Glue, Add	0.08	
	06MOD-0031	For Marine Grade, Add	0.67	
	06MOD-0033	For Tongue And Groove, Add	0.06	
06160-0017	SF	3/4" AC Fir Plywood Floor Decking.....	1.87	0.39
		Note: Applied to floor or joists.		
	06MOD-0009	For Selective Replacement < 400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size)), Add	1.41	
	06MOD-0010	For Fire Retardant Treatment, Add	0.73	
	06MOD-0023	For > 3200 To 6400, Deduct	-0.02	
	06MOD-0024	For > 6400 To 12800, Deduct	-0.04	
	06MOD-0025	For > 12800, Deduct	-0.06	
	06MOD-0029	For ACQ Preservative Treatment, Add	0.58	
	06MOD-0030	For Exterior Glue, Add	0.09	
	06MOD-0031	For Marine Grade, Add	0.73	
	06MOD-0033	For Tongue And Groove, Add	0.07	
06160-0018		Underlayment Grade Subfloor <small>(06160-0001)</small>		
		Note: Includes patching of seams and all fastener holes where necessary.		
06160-0019	SF	1/4" Thick Plywood Underlayment BC Grade Subfloor.....	1.12	0.39
	06MOD-0007	For Fire Retardant Treatment, Add	0.29	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0028	For > 12800, Deduct	-0.02	
06160-0020	SF	3/8" Thick Plywood Underlayment BC Grade Subfloor.....	1.20	0.39
	06MOD-0007	For Fire Retardant Treatment, Add	0.32	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0028	For > 12800, Deduct	-0.02	
06160-0021	SF	1/2" Thick Plywood Underlayment BC Grade Subfloor.....	1.25	0.46
	06MOD-0007	For Fire Retardant Treatment, Add	0.35	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0028	For > 12800, Deduct	-0.03	
06160-0022	SF	5/8" Thick Plywood Underlayment BC Grade Subfloor.....	1.42	0.33
	06MOD-0007	For Fire Retardant Treatment, Add	0.41	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0028	For > 12800, Deduct	-0.03	
	06MOD-0035	For Tongue And Groove, Add	0.04	
06160-0023	SF	3/4" Thick Plywood Underlayment BC Grade Subfloor.....	1.54	0.39
	06MOD-0007	For Fire Retardant Treatment, Add	0.51	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.03	
	06MOD-0028	For > 12800, Deduct	-0.04	
	06MOD-0035	For Tongue And Groove, Add	0.04	
06160-0024	SF	1-1/8" Thick Plywood Underlayment BC Grade Subfloor.....	1.98	0.33
	06MOD-0007	For Fire Retardant Treatment, Add	0.77	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.02	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.04	
	06MOD-0028	For > 12800, Deduct	-0.06	
	06MOD-0035	For Tongue And Groove, Add	0.07	
06160-0025	SF	3/8" Thick Plywood CDX Grade Subfloor.....	1.29	0.33
	06MOD-0007	For Fire Retardant Treatment, Add	0.40	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0028	For > 12800, Deduct	-0.03	
06160-0026	SF	5/8" Thick Plywood CDX Grade Subfloor.....	1.64	0.46
	06MOD-0007	For Fire Retardant Treatment, Add	0.59	
	06MOD-0026	For > 3200 To 6400, Deduct	-0.02	
	06MOD-0027	For > 6400 To 12800, Deduct	-0.03	
	06MOD-0028	For > 12800, Deduct	-0.05	
06160-0027		Oriented Strand Board <small>(06160)</small>		

06000 Wood And Plastic**06100 Rough Carpentry****06160 Sheathing, Siding And Subflooring**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06160-0028		On Roof <small>(06160-0027)</small>		
06160-0029	SF	3/8" Thick Structural Oriented Strand Board On Roof.....	1.03	0.39
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.21	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.14	
06160-0030	SF	1/2" Thick Structural Oriented Strand Board On Roof.....	1.16	0.39
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.25	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.26	
06160-0031	SF	5/8" Thick Structural Oriented Strand Board On Roof.....	1.29	0.46
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.31	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.35	
06160-0032	SF	3/4" Thick Structural Oriented Strand Board On Roof.....	1.44	0.46
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0013	For > 12800, Deduct	-0.03	
	06MOD-0014	For Fire Retardant Treatment, Add	0.37	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.46	
06160-0033		On Walls <small>(06160-0027)</small>		
06160-0034	SF	3/8" Thick Structural Oriented Strand Board On Walls	1.24	0.46
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.21	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.46	
06160-0035	SF	1/2" Thick Structural Oriented Strand Board On Walls	1.36	0.52
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.25	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.56	
06160-0036	SF	5/8" Thick Structural Oriented Strand Board On Walls	1.50	0.58
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.31	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.67	
06160-0037	SF	3/4" Thick Structural Oriented Strand Board On Walls	1.67	0.58
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0013	For > 12800, Deduct	-0.03	
	06MOD-0014	For Fire Retardant Treatment, Add	0.37	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.80	
06160-0038		On Floors <small>(06160-0027)</small>		
		Note: Includes patching of seams and all fastener holes where necessary.		
06160-0039	SF	3/8" Thick Structural Oriented Strand Board On Floors	1.05	0.39
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.21	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.17	
06160-0040	SF	1/2" Thick Structural Oriented Strand Board On Floors	1.26	0.46
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.01	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.25	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.41	
06160-0041	SF	5/8" Thick Structural Oriented Strand Board On Floors	1.41	0.52
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0013	For > 12800, Deduct	-0.02	
	06MOD-0014	For Fire Retardant Treatment, Add	0.31	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.53	
06160-0042	SF	3/4" Thick Structural Oriented Strand Board On Floors	1.58	0.58
	06MOD-0011	For > 3200 To 6400, Deduct	-0.01	
	06MOD-0012	For > 6400 To 12800, Deduct	-0.02	
	06MOD-0013	For > 12800, Deduct	-0.03	
	06MOD-0014	For Fire Retardant Treatment, Add	0.37	
	06MOD-0015	For Selective Replacement < 400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.67	
06160-0043		Particle Board <small>(06160)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06160-0044	Particle Board Floor Decking <small>(06160-0043)</small> Note: Includes patching of seams and all fastener holes where necessary.		
06160-0045	SF 3/8" Particle Board Floor Decking..... Note: Applied to plywood subfloor.	1.31	0.38
	06MOD-0016 For Fire Retardant Treatment Add	0.43	
	06MOD-0017 For > 3200 To 6400, Deduct	-0.02	
	06MOD-0018 For > 6400 To 12800, Deduct	-0.03	
	06MOD-0019 For > 12800, Deduct	-0.04	
	06MOD-0034 For Tongue And Groove, Add	0.04	
06160-0046	SF 5/8" Particle Board Floor Decking..... Note: Applied to plywood subfloor.	1.80	0.39
	06MOD-0016 For Fire Retardant Treatment Add	0.74	
	06MOD-0017 For > 3200 To 6400, Deduct	-0.03	
	06MOD-0018 For > 6400 To 12800, Deduct	-0.05	
	06MOD-0019 For > 12800, Deduct	-0.08	
	06MOD-0034 For Tongue And Groove, Add	0.07	
06160-0047	SF 3/4" Particle Board Floor Decking..... Note: Applied to plywood subfloor.	2.00	0.39
	06MOD-0016 For Fire Retardant Treatment Add	0.86	
	06MOD-0017 For > 3200 To 6400, Deduct	-0.03	
	06MOD-0018 For > 6400 To 12800, Deduct	-0.05	
	06MOD-0019 For > 12800, Deduct	-0.09	
	06MOD-0034 For Tongue And Groove, Add	0.08	
06160-0048	Board Type Subflooring <small>(06160)</small>		
06160-0049	SF 1" x 8" Regular Surface Board Type Subfloor..... Note: 4 Sides Laid In A Regular Pattern.	2.29	0.52
	06MOD-0020 For Water Resistant Coating Or Treatment, Add	0.07	
	06MOD-0021 For Foil Backing, Add	0.11	
	06MOD-0022 For Tongue And Groove, Add	0.08	
06160-0050	SF 1" x 8" Diagonal Surface Board Type Subfloor..... Note: 4 Sides Laid In A Diagonal Pattern.	2.51	0.65
	06MOD-0020 For Water Resistant Coating Or Treatment, Add	0.07	
	06MOD-0021 For Foil Backing, Add	0.11	
	06MOD-0022 For Tongue And Groove, Add	0.08	
06160-0051	SF 1" x 10" Regular Surface Board Type Subfloor..... Note: 4 sides laid in a regular pattern.	2.24	0.46
	06MOD-0020 For Water Resistant Coating Or Treatment, Add	0.07	
	06MOD-0021 For Foil Backing, Add	0.12	
	06MOD-0022 For Tongue And Groove, Add	0.08	
06160-0052	SF 1" x 10" Diagonal Surface Board Type Subfloor..... Note: 4 sides laid in a diagonal pattern.	2.39	0.52
	06MOD-0020 For Water Resistant Coating Or Treatment, Add	0.07	
	06MOD-0021 For Foil Backing, Add	0.12	
	06MOD-0022 For Tongue And Groove, Add	0.08	
06160-0053	Finish Grade Siding <small>(06160)</small>		
06160-0054	Applied To Blackboard Or Studs <small>(06160-0053)</small>		
06160-0055	T-111 Siding <small>(06160-0054)</small>		
06160-0056	SF 5/8" T-111 Fir, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....	2.50	0.46
	06MOD-0036 For Pressure Treated, Add	0.18	
06160-0057	SF 5/8" T-111 Cedar, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....	2.45	0.46
	06MOD-0036 For Pressure Treated, Add	0.18	
06160-0058	Wood Lap Siding <small>(06160-0053)</small>		
06160-0059	LF 8" Wide Rough Sawn Cedar Lap Siding.....	2.80	0.96
06160-0060	LF 10" Wide Rough Sawn Cedar Lap Siding.....	3.27	1.02
06160-0061	LF 12" Wide Rough Sawn Cedar Lap Siding.....	3.76	1.10
06160-0062	LF 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade.....	3.06	0.96
06160-0063	LF 6" To 8" Wide Spruce Lap Siding, #2 Or Better.....	3.50	0.96
06160-0064	LF 6" To 8" Wide Western Red Cedar, B Grade Lap Siding.....	4.45	0.96
06160-0065	LF 6" To 8" Wide Western Red Cedar, A Grade Lap Siding.....	4.82	0.96
06160-0066	LF 6" To 8" Wide Clear Heart Redwood Lap Siding.....	4.29	0.96
06160-0067	LF 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin.....	2.64	1.02
06160-0068	LF 1" x 8" Cedar Beveled Siding, Channel, Rustic.....	2.64	1.02
06160-0069	Tongue And Groove Siding <small>(06160-0053)</small>		
06160-0070	SF 1" x 6" Tongue And Groove Southern Yellow Pine Siding.....	2.82	0.96
06160-0071	SF 1" x 8" Tongue And Groove Southern Yellow Pine Siding.....	3.21	0.96
06160-0072	SF 1" x 6" 105 Southern Yellow Pine Siding.....	2.91	0.96
06160-0073	SF 1" x 8" 105 Southern Yellow Pine Siding.....	3.29	0.96
06160-0074	Exterior Gypsum Sheathing <small>(06160)</small> Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		

06000 Wood And Plastic**06100 Rough Carpentry****06160 Sheathing, Siding And Subflooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06160-0075	SF	1/2"	Exterior Gypsum Sheathing (GP Dens-Glass Gold).....	1.60	0.52
	06MOD-0001		For Selective Replacement < 400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	1.56	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.21	
	06MOD-0006		For Ceiling Installation, Add	0.10	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.02	
	06MOD-0025		For > 12800, Deduct	-0.03	
06160-0076	SF	5/8"	Exterior Gypsum Sheathing (GP Dens-Glass Gold).....	1.72	0.65
	06MOD-0001		For Selective Replacement < 400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	1.67	
	06MOD-0005		For Application To Metal Studs, Joists, Or Rafters, Add	0.22	
	06MOD-0006		For Ceiling Installation, Add	0.11	
	06MOD-0023		For > 3200 To 6400, Deduct	-0.01	
	06MOD-0024		For > 6400 To 12800, Deduct	-0.02	
	06MOD-0025		For > 12800, Deduct	-0.04	

06170 Prefabricated Structural Wood (06100)**06170-0001 Pre-Assembled Wood Roof Trusses** (06170)

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords > 42'.

06170-0002	EA	10'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	123.63	48.36
	06MOD-0037		For Quantities < 15, Add	2.02	
	06MOD-0038		For Quantities > 35, Deduct	-1.35	
	06MOD-0039		For 3 In 12 Slope, Add	0.81	
	06MOD-0040		For 5 In 12 Slope, Add	2.15	
	06MOD-0041		For 6 In 12 Slope, Add	4.04	
	06MOD-0042		For 8 In 12 Slope, Add	6.46	
06170-0003	EA	12'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	137.36	52.97
	06MOD-0037		For Quantities < 15, Add	2.36	
	06MOD-0038		For Quantities > 35, Deduct	-1.57	
	06MOD-0039		For 3 In 12 Slope, Add	0.94	
	06MOD-0040		For 5 In 12 Slope, Add	2.51	
	06MOD-0041		For 6 In 12 Slope, Add	4.71	
	06MOD-0042		For 8 In 12 Slope, Add	7.54	
06170-0004	EA	14'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	152.96	57.57
	06MOD-0037		For Quantities < 15, Add	2.84	
	06MOD-0038		For Quantities > 35, Deduct	-1.89	
	06MOD-0039		For 3 In 12 Slope, Add	1.13	
	06MOD-0040		For 5 In 12 Slope, Add	3.03	
	06MOD-0041		For 6 In 12 Slope, Add	5.67	
	06MOD-0042		For 8 In 12 Slope, Add	9.08	
06170-0005	EA	16'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	173.51	62.18
	06MOD-0037		For Quantities < 15, Add	3.69	
	06MOD-0038		For Quantities > 35, Deduct	-2.46	
	06MOD-0039		For 3 In 12 Slope, Add	1.47	
	06MOD-0040		For 5 In 12 Slope, Add	3.93	
	06MOD-0041		For 6 In 12 Slope, Add	7.37	
	06MOD-0042		For 8 In 12 Slope, Add	11.80	
06170-0006	EA	18'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	191.21	66.79
	06MOD-0037		For Quantities < 15, Add	4.32	
	06MOD-0038		For Quantities > 35, Deduct	-2.88	
	06MOD-0039		For 3 In 12 Slope, Add	1.73	
	06MOD-0040		For 5 In 12 Slope, Add	4.61	
	06MOD-0041		For 6 In 12 Slope, Add	8.65	
	06MOD-0042		For 8 In 12 Slope, Add	13.83	
06170-0007	EA	20'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	201.20	73.70
	06MOD-0037		For Quantities < 15, Add	4.04	
	06MOD-0038		For Quantities > 35, Deduct	-2.69	
	06MOD-0039		For 3 In 12 Slope, Add	1.61	
	06MOD-0040		For 5 In 12 Slope, Add	4.30	
	06MOD-0041		For 6 In 12 Slope, Add	8.07	
	06MOD-0042		For 8 In 12 Slope, Add	12.91	
06170-0008	EA	22'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	211.98	117.45
	06MOD-0037		For Quantities < 15, Add	4.15	
	06MOD-0038		For Quantities > 35, Deduct	-2.77	
	06MOD-0039		For 3 In 12 Slope, Add	1.66	
	06MOD-0040		For 5 In 12 Slope, Add	4.43	
	06MOD-0041		For 6 In 12 Slope, Add	8.31	
	06MOD-0042		For 8 In 12 Slope, Add	13.29	
06170-0009	EA	24'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	225.89	82.91
	06MOD-0037		For Quantities < 15, Add	4.51	
	06MOD-0038		For Quantities > 35, Deduct	-3.00	
	06MOD-0039		For 3 In 12 Slope, Add	1.80	
	06MOD-0040		For 5 In 12 Slope, Add	4.81	
	06MOD-0041		For 6 In 12 Slope, Add	9.01	
	06MOD-0042		For 8 In 12 Slope, Add	14.42	
06170-0010	EA	26'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	240.30	131.27
	06MOD-0037		For Quantities < 15, Add	4.90	
	06MOD-0038		For Quantities > 35, Deduct	-3.26	
	06MOD-0039		For 3 In 12 Slope, Add	1.96	
	06MOD-0040		For 5 In 12 Slope, Add	5.22	
	06MOD-0041		For 6 In 12 Slope, Add	9.79	
	06MOD-0042		For 8 In 12 Slope, Add	15.67	



Wood And Plastic 06000	06
Rough Carpentry 06100	
Prefabricated Structural Wood 06170	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06170-0011	EA 28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	255.40	92.11
	06MOD-0037 For Quantities < 15, Add	5.34	
	06MOD-0038 For Quantities > 35, Deduct	-3.56	
	06MOD-0039 For 3 In 12 Slope, Add	2.14	
	06MOD-0040 For 5 In 12 Slope, Add	5.69	
	06MOD-0041 For 6 In 12 Slope, Add	10.68	
	06MOD-0042 For 8 In 12 Slope, Add	17.08	
06170-0012	EA 30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	266.88	145.09
	06MOD-0037 For Quantities < 15, Add	5.51	
	06MOD-0038 For Quantities > 35, Deduct	-3.67	
	06MOD-0039 For 3 In 12 Slope, Add	2.20	
	06MOD-0040 For 5 In 12 Slope, Add	5.87	
	06MOD-0041 For 6 In 12 Slope, Add	11.01	
	06MOD-0042 For 8 In 12 Slope, Add	17.62	
06170-0013	EA 32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	278.81	99.02
	06MOD-0037 For Quantities < 15, Add	6.06	
	06MOD-0038 For Quantities > 35, Deduct	-4.04	
	06MOD-0039 For 3 In 12 Slope, Add	2.42	
	06MOD-0040 For 5 In 12 Slope, Add	6.46	
	06MOD-0041 For 6 In 12 Slope, Add	12.11	
	06MOD-0042 For 8 In 12 Slope, Add	19.38	
06170-0014	EA 34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	304.10	155.49
	06MOD-0037 For Quantities < 15, Add	7.26	
	06MOD-0038 For Quantities > 35, Deduct	-4.84	
	06MOD-0039 For 3 In 12 Slope, Add	2.91	
	06MOD-0040 For 5 In 12 Slope, Add	7.75	
	06MOD-0041 For 6 In 12 Slope, Add	14.53	
	06MOD-0042 For 8 In 12 Slope, Add	23.24	
06170-0015	EA 36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	316.32	105.93
	06MOD-0037 For Quantities < 15, Add	7.83	
	06MOD-0038 For Quantities > 35, Deduct	-5.22	
	06MOD-0039 For 3 In 12 Slope, Add	3.13	
	06MOD-0040 For 5 In 12 Slope, Add	8.36	
	06MOD-0041 For 6 In 12 Slope, Add	15.67	
	06MOD-0042 For 8 In 12 Slope, Add	25.07	
06170-0016	EA 38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	321.58	165.81
	06MOD-0037 For Quantities < 15, Add	7.54	
	06MOD-0038 For Quantities > 35, Deduct	-5.03	
	06MOD-0039 For 3 In 12 Slope, Add	3.02	
	06MOD-0040 For 5 In 12 Slope, Add	8.04	
	06MOD-0041 For 6 In 12 Slope, Add	15.08	
	06MOD-0042 For 8 In 12 Slope, Add	24.12	
06170-0017	EA 40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	344.27	115.14
	06MOD-0037 For Quantities < 15, Add	8.55	
	06MOD-0038 For Quantities > 35, Deduct	-5.70	
	06MOD-0039 For 3 In 12 Slope, Add	3.42	
	06MOD-0040 For 5 In 12 Slope, Add	9.12	
	06MOD-0041 For 6 In 12 Slope, Add	17.10	
	06MOD-0042 For 8 In 12 Slope, Add	27.36	
06170-0018	EA 42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	377.59	179.63
	06MOD-0037 For Quantities < 15, Add	10.36	
	06MOD-0038 For Quantities > 35, Deduct	-6.90	
	06MOD-0039 For 3 In 12 Slope, Add	4.14	
	06MOD-0040 For 5 In 12 Slope, Add	11.05	
	06MOD-0041 For 6 In 12 Slope, Add	20.71	
	06MOD-0042 For 8 In 12 Slope, Add	33.14	
06170-0019	EA 44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	410.25	124.36
	06MOD-0037 For Quantities < 15, Add	12.11	
	06MOD-0038 For Quantities > 35, Deduct	-8.08	
	06MOD-0039 For 3 In 12 Slope, Add	4.85	
	06MOD-0040 For 5 In 12 Slope, Add	12.92	
	06MOD-0041 For 6 In 12 Slope, Add	24.23	
	06MOD-0042 For 8 In 12 Slope, Add	38.77	
06170-0020	EA 46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	424.67	128.96
	06MOD-0037 For Quantities < 15, Add	12.51	
	06MOD-0038 For Quantities > 35, Deduct	-8.34	
	06MOD-0039 For 3 In 12 Slope, Add	5.00	
	06MOD-0040 For 5 In 12 Slope, Add	13.34	
	06MOD-0041 For 6 In 12 Slope, Add	25.01	
	06MOD-0042 For 8 In 12 Slope, Add	40.02	
06170-0021	EA 48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	445.36	133.57
	06MOD-0037 For Quantities < 15, Add	13.37	
	06MOD-0038 For Quantities > 35, Deduct	-8.91	
	06MOD-0039 For 3 In 12 Slope, Add	5.35	
	06MOD-0040 For 5 In 12 Slope, Add	14.26	
	06MOD-0041 For 6 In 12 Slope, Add	26.73	
	06MOD-0042 For 8 In 12 Slope, Add	42.78	
06170-0022	EA 50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	504.49	138.18
	06MOD-0037 For Quantities < 15, Add	17.11	
	06MOD-0038 For Quantities > 35, Deduct	-11.41	
	06MOD-0039 For 3 In 12 Slope, Add	6.84	
	06MOD-0040 For 5 In 12 Slope, Add	18.25	
	06MOD-0041 For 6 In 12 Slope, Add	34.22	
	06MOD-0042 For 8 In 12 Slope, Add	54.76	

06000 Wood And Plastic**06100 Rough Carpentry****06170 Prefabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06170-0023	EA	52'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	480.40	124.27
	06MOD-0037		For Quantities < 15, Add	15.30	
	06MOD-0038		For Quantities > 35, Deduct	-10.20	
	06MOD-0039		For 3 In 12 Slope, Add	6.12	
	06MOD-0040		For 5 In 12 Slope, Add	16.32	
	06MOD-0041		For 6 In 12 Slope, Add	30.61	
	06MOD-0042		For 8 In 12 Slope, Add	48.97	
06170-0024	EA	54'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	504.07	145.09
	06MOD-0037		For Quantities < 15, Add	16.04	
	06MOD-0038		For Quantities > 35, Deduct	-10.70	
	06MOD-0039		For 3 In 12 Slope, Add	6.42	
	06MOD-0040		For 5 In 12 Slope, Add	17.11	
	06MOD-0041		For 6 In 12 Slope, Add	32.09	
	06MOD-0042		For 8 In 12 Slope, Add	51.34	
06170-0025	EA	56'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	523.81	134.49
	06MOD-0037		For Quantities < 15, Add	16.83	
	06MOD-0038		For Quantities > 35, Deduct	-11.22	
	06MOD-0039		For 3 In 12 Slope, Add	6.73	
	06MOD-0040		For 5 In 12 Slope, Add	17.95	
	06MOD-0041		For 6 In 12 Slope, Add	33.66	
	06MOD-0042		For 8 In 12 Slope, Add	53.86	
06170-0026	EA	58'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	540.87	151.99
	06MOD-0037		For Quantities < 15, Add	17.77	
	06MOD-0038		For Quantities > 35, Deduct	-11.84	
	06MOD-0039		For 3 In 12 Slope, Add	7.11	
	06MOD-0040		For 5 In 12 Slope, Add	18.95	
	06MOD-0041		For 6 In 12 Slope, Add	35.53	
	06MOD-0042		For 8 In 12 Slope, Add	56.85	
06170-0027	EA	60'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	551.89	154.29
	06MOD-0037		For Quantities < 15, Add	18.25	
	06MOD-0038		For Quantities > 35, Deduct	-12.17	
	06MOD-0039		For 3 In 12 Slope, Add	7.30	
	06MOD-0040		For 5 In 12 Slope, Add	19.46	
	06MOD-0041		For 6 In 12 Slope, Add	36.50	
	06MOD-0042		For 8 In 12 Slope, Add	58.39	
06170-0028			Pre-Assembled Wood Gable End Roof Trusses <small>(06170)</small>		
			Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords > 42'.		
06170-0029	EA	10'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	127.05	48.36
	06MOD-0039		For 3 In 12 Slope, Add	0.91	
	06MOD-0040		For 5 In 12 Slope, Add	2.43	
	06MOD-0041		For 6 In 12 Slope, Add	4.55	
	06MOD-0042		For 8 In 12 Slope, Add	7.28	
	06MOD-0141		For 16" On Center Gable Studs, Add	6.07	
06170-0030	EA	12'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	141.36	52.97
	06MOD-0039		For 3 In 12 Slope, Add	1.06	
	06MOD-0040		For 5 In 12 Slope, Add	2.83	
	06MOD-0041		For 6 In 12 Slope, Add	5.31	
	06MOD-0042		For 8 In 12 Slope, Add	8.50	
	06MOD-0141		For 16" On Center Gable Studs, Add	7.09	
06170-0031	EA	14'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	157.77	57.57
	06MOD-0039		For 3 In 12 Slope, Add	1.28	
	06MOD-0040		For 5 In 12 Slope, Add	3.41	
	06MOD-0041		For 6 In 12 Slope, Add	6.39	
	06MOD-0042		For 8 In 12 Slope, Add	10.23	
	06MOD-0141		For 16" On Center Gable Studs, Add	8.53	
06170-0032	EA	16'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	179.75	62.18
	06MOD-0039		For 3 In 12 Slope, Add	1.66	
	06MOD-0040		For 5 In 12 Slope, Add	4.43	
	06MOD-0041		For 6 In 12 Slope, Add	8.31	
	06MOD-0042		For 8 In 12 Slope, Add	13.29	
	06MOD-0141		For 16" On Center Gable Studs, Add	11.08	
06170-0033	EA	18'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	198.53	66.79
	06MOD-0039		For 3 In 12 Slope, Add	1.95	
	06MOD-0040		For 5 In 12 Slope, Add	5.20	
	06MOD-0041		For 6 In 12 Slope, Add	9.74	
	06MOD-0042		For 8 In 12 Slope, Add	15.59	
	06MOD-0141		For 16" On Center Gable Studs, Add	12.99	
06170-0034	EA	20'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	215.75	73.70
	06MOD-0039		For 3 In 12 Slope, Add	2.05	
	06MOD-0040		For 5 In 12 Slope, Add	5.47	
	06MOD-0041		For 6 In 12 Slope, Add	10.25	
	06MOD-0042		For 8 In 12 Slope, Add	16.41	
	06MOD-0141		For 16" On Center Gable Studs, Add	13.67	
06170-0035	EA	22'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	226.94	78.30
	06MOD-0039		For 3 In 12 Slope, Add	2.11	
	06MOD-0040		For 5 In 12 Slope, Add	5.63	
	06MOD-0041		For 6 In 12 Slope, Add	10.55	
	06MOD-0042		For 8 In 12 Slope, Add	16.88	
	06MOD-0141		For 16" On Center Gable Studs, Add	14.07	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06170-0036	EA 24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	242.12	82.91
	06MOD-0039 For 3 In 12 Slope, Add	2.29	
	06MOD-0040 For 5 In 12 Slope, Add	6.10	
	06MOD-0041 For 6 In 12 Slope, Add	11.45	
	06MOD-0042 For 8 In 12 Slope, Add	18.31	
	06MOD-0141 For 16" On Center Gable Studs, Add	15.26	
06170-0037	EA 26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	257.93	87.51
	06MOD-0039 For 3 In 12 Slope, Add	2.49	
	06MOD-0040 For 5 In 12 Slope, Add	6.63	
	06MOD-0041 For 6 In 12 Slope, Add	12.44	
	06MOD-0042 For 8 In 12 Slope, Add	19.90	
	06MOD-0141 For 16" On Center Gable Studs, Add	16.58	
06170-0038	EA 28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	274.62	92.11
	06MOD-0039 For 3 In 12 Slope, Add	2.71	
	06MOD-0040 For 5 In 12 Slope, Add	7.23	
	06MOD-0041 For 6 In 12 Slope, Add	13.56	
	06MOD-0042 For 8 In 12 Slope, Add	21.69	
	06MOD-0141 For 16" On Center Gable Studs, Add	18.08	
06170-0039	EA 30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	287.50	96.72
	06MOD-0039 For 3 In 12 Slope, Add	2.82	
	06MOD-0040 For 5 In 12 Slope, Add	7.52	
	06MOD-0041 For 6 In 12 Slope, Add	14.11	
	06MOD-0042 For 8 In 12 Slope, Add	22.57	
	06MOD-0141 For 16" On Center Gable Studs, Add	18.81	
06170-0040	EA 32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	301.51	99.02
	06MOD-0039 For 3 In 12 Slope, Add	3.10	
	06MOD-0040 For 5 In 12 Slope, Add	8.28	
	06MOD-0041 For 6 In 12 Slope, Add	15.52	
	06MOD-0042 For 8 In 12 Slope, Add	24.83	
	06MOD-0141 For 16" On Center Gable Studs, Add	20.69	
06170-0041	EA 34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	331.30	103.63
	06MOD-0039 For 3 In 12 Slope, Add	3.72	
	06MOD-0040 For 5 In 12 Slope, Add	9.92	
	06MOD-0041 For 6 In 12 Slope, Add	18.61	
	06MOD-0042 For 8 In 12 Slope, Add	29.77	
	06MOD-0141 For 16" On Center Gable Studs, Add	24.81	
06170-0042	EA 36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	345.68	105.93
	06MOD-0039 For 3 In 12 Slope, Add	4.01	
	06MOD-0040 For 5 In 12 Slope, Add	10.71	
	06MOD-0041 For 6 In 12 Slope, Add	20.07	
	06MOD-0042 For 8 In 12 Slope, Add	32.12	
	06MOD-0141 For 16" On Center Gable Studs, Add	26.76	
06170-0043	EA 38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	364.03	110.54
	06MOD-0039 For 3 In 12 Slope, Add	4.29	
	06MOD-0040 For 5 In 12 Slope, Add	11.44	
	06MOD-0041 For 6 In 12 Slope, Add	21.44	
	06MOD-0042 For 8 In 12 Slope, Add	34.31	
	06MOD-0141 For 16" On Center Gable Studs, Add	28.59	
06170-0044	EA 40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	385.50	115.14
	06MOD-0039 For 3 In 12 Slope, Add	4.66	
	06MOD-0040 For 5 In 12 Slope, Add	12.42	
	06MOD-0041 For 6 In 12 Slope, Add	23.28	
	06MOD-0042 For 8 In 12 Slope, Add	37.25	
	06MOD-0141 For 16" On Center Gable Studs, Add	31.04	
06170-0045	EA 42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	427.54	119.75
	06MOD-0039 For 3 In 12 Slope, Add	5.64	
	06MOD-0040 For 5 In 12 Slope, Add	15.04	
	06MOD-0041 For 6 In 12 Slope, Add	28.21	
	06MOD-0042 For 8 In 12 Slope, Add	45.13	
	06MOD-0141 For 16" On Center Gable Studs, Add	37.61	
06170-0046	EA 44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	468.68	124.36
	06MOD-0039 For 3 In 12 Slope, Add	6.60	
	06MOD-0040 For 5 In 12 Slope, Add	17.60	
	06MOD-0041 For 6 In 12 Slope, Add	32.99	
	06MOD-0042 For 8 In 12 Slope, Add	52.79	
	06MOD-0141 For 16" On Center Gable Studs, Add	43.99	
06170-0047	EA 46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	484.98	128.96
	06MOD-0039 For 3 In 12 Slope, Add	6.81	
	06MOD-0040 For 5 In 12 Slope, Add	18.16	
	06MOD-0041 For 6 In 12 Slope, Add	34.06	
	06MOD-0042 For 8 In 12 Slope, Add	54.49	
	06MOD-0141 For 16" On Center Gable Studs, Add	45.41	
06170-0048	EA 48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	509.83	133.57
	06MOD-0039 For 3 In 12 Slope, Add	7.28	
	06MOD-0040 For 5 In 12 Slope, Add	19.42	
	06MOD-0041 For 6 In 12 Slope, Add	36.41	
	06MOD-0042 For 8 In 12 Slope, Add	58.25	
	06MOD-0141 For 16" On Center Gable Studs, Add	48.54	
06170-0049	EA 50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	554.83	138.18
	06MOD-0039 For 3 In 12 Slope, Add	8.35	
	06MOD-0040 For 5 In 12 Slope, Add	22.28	
	06MOD-0041 For 6 In 12 Slope, Add	41.77	
	06MOD-0042 For 8 In 12 Slope, Add	66.84	
	06MOD-0141 For 16" On Center Gable Studs, Add	55.70	

06000 Wood And Plastic**06100 Rough Carpentry****06170 Prefabricated Structural Wood**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06170-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	567.76	142.78
	06MOD-0039	For 3 In 12 Slope, Add	8.47	
	06MOD-0040	For 5 In 12 Slope, Add	22.58	
	06MOD-0041	For 6 In 12 Slope, Add	42.33	
	06MOD-0042	For 8 In 12 Slope, Add	67.73	
	06MOD-0141	For 16" On Center Gable Studs, Add	56.44	
06170-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	586.00	145.09
	06MOD-0039	For 3 In 12 Slope, Add	8.88	
	06MOD-0040	For 5 In 12 Slope, Add	23.67	
	06MOD-0041	For 6 In 12 Slope, Add	44.38	
	06MOD-0042	For 8 In 12 Slope, Add	71.00	
	06MOD-0141	For 16" On Center Gable Studs, Add	59.17	
06170-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	609.75	149.68
	06MOD-0039	For 3 In 12 Slope, Add	9.31	
	06MOD-0040	For 5 In 12 Slope, Add	24.83	
	06MOD-0041	For 6 In 12 Slope, Add	46.56	
	06MOD-0042	For 8 In 12 Slope, Add	74.49	
	06MOD-0141	For 16" On Center Gable Studs, Add	62.07	
06170-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	631.58	151.99
	06MOD-0039	For 3 In 12 Slope, Add	9.83	
	06MOD-0040	For 5 In 12 Slope, Add	26.21	
	06MOD-0041	For 6 In 12 Slope, Add	49.14	
	06MOD-0042	For 8 In 12 Slope, Add	78.62	
	06MOD-0141	For 16" On Center Gable Studs, Add	65.52	
06170-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	645.07	154.29
	06MOD-0039	For 3 In 12 Slope, Add	10.09	
	06MOD-0040	For 5 In 12 Slope, Add	26.92	
	06MOD-0041	For 6 In 12 Slope, Add	50.47	
	06MOD-0042	For 8 In 12 Slope, Add	80.76	
	06MOD-0141	For 16" On Center Gable Studs, Add	67.30	
06170-0055		Prefabricated Wood I-Joists (06170)		
06170-0056	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	3.53	0.83
	06MOD-0043	For I-Joists 30' To 40' In Length, Add	0.36	
	06MOD-0044	For I-Joists > 40' In Length, Add	0.89	
06170-0057	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	3.89	0.92
	06MOD-0043	For I-Joists 30' To 40' In Length, Add	0.40	
	06MOD-0044	For I-Joists > 40' In Length, Add	0.99	
06170-0058	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	4.98	1.04
	06MOD-0043	For I-Joists 30' To 40' In Length, Add	0.46	
	06MOD-0044	For I-Joists > 40' In Length, Add	1.12	
06170-0059	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	5.46	1.15
	06MOD-0043	For I-Joists 30' To 40' In Length, Add	0.51	
	06MOD-0044	For I-Joists > 40' In Length, Add	1.24	
06180 Glue Laminated Construction (06180)				
06180-0001		Glue Laminated Structural Units (06180)		
06180-0002		Glue Laminated Structural Units (06180-0001)		
		Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06180-0003	LF	20' - 60' Span Glue Laminated Straight Beam.....	6.56	2.27
06180-0004	LF	30' - 60' Span Glue Laminated Tudor Arch.....	12.82	2.54
06180-0005	LF	60' - 120' Span Glue Laminated Radial Arch.....	10.31	2.36
06180-0006	LF	40' - 120' Span Glue Laminated Bow String Truss.....	7.88	2.36
06180-0007	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column.....	7.07	2.27
06180-0008	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column.....	7.96	2.53
06180-0009	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column.....	15.20	5.40
06180-0010	LF	5-1/4" x 13" Glue Laminated Purlin Or Column.....	16.61	5.66
06180-0011		Composite Fabricated Structural Wood Joist (06180-0001)		
06180-0012	LF	1-3/4" Wide x 5-1/2" Deep Composite Wood Joist.....	7.25	1.12
06180-0013	LF	1-3/4" Wide x 7-1/4" Deep Composite Wood Joist.....	7.41	1.14
06180-0014	LF	1-3/4" Wide x 9-1/2" Deep Composite Wood Joist.....	7.56	1.16
06180-0015	LF	1-3/4" Wide x 11-7/8" Deep Composite Wood Joist.....	8.72	1.18
06180-0016	LF	1-3/4" Wide x 14" Deep Composite Wood Joist.....	9.87	1.20
06180-0017	LF	1-3/4" Wide x 16" Deep Composite Wood Joist.....	11.09	1.24
06180-0018	LF	1-3/4" Wide x 18" Deep Composite Wood Joist.....	12.21	1.26
06180-0019		Glue Laminated Decking (06180)		
06180-0020		Glue Laminated Decking (06180-0019)		
06180-0021	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking.....	2.49	1.11
06180-0022	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking.....	2.58	1.11
06180-0023	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking.....	2.68	1.05
06200 Finish Carpentry (06000)				



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06220 Millwork (06200)

06220-0001 Pine Moldings (All Dimensions Are Nominal) (06220)

06220-0002	LF	1" x 4" Pine Corner Board, Trim Exterior	3.51	1.22
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06220-0003	LF	1" x 6" Pine Corner Board, Trim Exterior	4.15	1.29
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.66	
06220-0004	LF	1/2" x 1/2" Pine Quarter Round Trim	3.08	1.22
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06220-0005	LF	3/4" x 3/4" Pine Quarter Round Trim	3.28	1.22
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06220-0006	LF	1-1/8" Wide Plain Pine Door And Window Molding.....	2.95	1.03
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
06220-0007	LF	1-1/8" Wide Detailed Pine Door And Window Molding.....	2.98	1.03
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
06220-0008	LF	2-1/2" Wide Pine Complete Door And Window Trim.....	3.68	1.03
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
06220-0009	LF	1/4" x 1-1/4" Wood Lattice Strip.....	1.75	0.64
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.24	
06220-0010	LF	1/4" x 1-5/8" Wood Lattice Strip.....	1.83	0.51
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.24	
06220-0011	LF	1/4" x 2-1/2" Wood Lattice Strip.....	2.28	0.51
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.24	
06220-0012	LF	1/4" x 3-1/2" Wood Lattice Strip.....	2.55	0.51
		06MOD-0045 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.24	

06220-0013 Ceilings (All Dimensions Are Nominal) (06220)

06220-0014 White Pine (06220-0013)

06220-0015	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding.....	7.97	2.26
		06MOD-0046 For Birch, Add	1.71	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	2.46	
		06MOD-0048 For Poplar, Add	0.95	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.62	
06220-0016	LF	1 1/16" x 4-5/8" White Pine Crown Or Bed Molding.....	10.65	2.70
		06MOD-0046 For Birch, Add	2.44	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	3.44	
		06MOD-0048 For Poplar, Add	1.36	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.88	
06220-0017	LF	3/4" x 3/4" White Pine Crown Or Bed Molding.....	3.99	1.54
		06MOD-0046 For Birch, Add	0.51	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	0.90	
		06MOD-0048 For Poplar, Add	0.28	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.18	
06220-0018	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding.....	4.50	1.54
		06MOD-0046 For Birch, Add	0.69	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	1.13	
		06MOD-0048 For Poplar, Add	0.39	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.25	
06220-0019	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding.....	5.89	1.94
		06MOD-0046 For Birch, Add	0.96	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	1.53	
		06MOD-0048 For Poplar, Add	0.54	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.35	
06220-0020	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding.....	6.74	1.94
		06MOD-0046 For Birch, Add	1.27	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	1.91	
		06MOD-0048 For Poplar, Add	0.71	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.46	
06220-0021	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding.....	8.37	2.32
		06MOD-0046 For Birch, Add	1.62	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	2.42	
		06MOD-0048 For Poplar, Add	0.90	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.59	
06220-0022	LF	1" x 2" White Pine Dentil Molding	4.12	1.80
		06MOD-0046 For Birch, Add	0.56	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	0.95	
		06MOD-0048 For Poplar, Add	0.31	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.20	
06220-0023	LF	9/16" x 1-3/4" White Pine Cove Molding.....	3.46	1.35
		06MOD-0046 For Birch, Add	0.55	
		06MOD-0047 For Mahogany, Oak, Maple Or Walnut, Add	0.88	
		06MOD-0048 For Poplar, Add	0.30	
		06MOD-0049 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.45	
		06MOD-0050 For Stain Grade Material (No Finger Joints), Add	0.20	

06000 Wood And Plastic**06200 Finish Carpentry****06220 Millwork**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06220-0024	LF		11/16" x 2-3/4" White Pine Cove Molding	5.09	1.35
	06MOD-0046		For Birch, Add	1.13	
	06MOD-0047		For Mahogany, Oak, Maple Or Walnut, Add	1.61	
	06MOD-0048		For Poplar, Add	0.63	
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.45	
	06MOD-0050		For Stain Grade Material (No Finger Joints), Add	0.41	
06220-0025	LF		3/8" x 3/8" White Pine Cove Molding	2.06	0.78
	06MOD-0046		For Birch, Add	0.26	
	06MOD-0047		For Mahogany, Oak, Maple Or Walnut, Add	0.46	
	06MOD-0048		For Poplar, Add	0.14	
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
	06MOD-0050		For Stain Grade Material (No Finger Joints), Add	0.09	
06220-0026	LF		1/2" x 1/2" White Pine Cove Molding	2.24	0.78
	06MOD-0046		For Birch, Add	0.32	
	06MOD-0047		For Mahogany, Oak, Maple Or Walnut, Add	0.54	
	06MOD-0048		For Poplar, Add	0.18	
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
	06MOD-0050		For Stain Grade Material (No Finger Joints), Add	0.12	
06220-0027	LF		5/8" x 5/8" White Pine Cove Molding	2.97	0.97
	06MOD-0046		For Birch, Add	0.49	
	06MOD-0047		For Mahogany, Oak, Maple Or Walnut, Add	0.77	
	06MOD-0048		For Poplar, Add	0.27	
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.37	
	06MOD-0050		For Stain Grade Material (No Finger Joints), Add	0.18	
06220-0028	LF		3/4" x 3/4" White Pine Cove Molding	2.97	0.97
	06MOD-0046		For Birch, Add	0.49	
	06MOD-0047		For Mahogany, Oak, Maple Or Walnut, Add	0.77	
	06MOD-0048		For Poplar, Add	0.27	
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.37	
	06MOD-0050		For Stain Grade Material (No Finger Joints), Add	0.18	
06220-0029	LF		15/16" x 15/16" White Pine Cove Molding	3.80	0.97
	06MOD-0046		For Birch, Add	0.79	
	06MOD-0047		For Mahogany, Oak, Maple Or Walnut, Add	1.15	
	06MOD-0048		For Poplar, Add	0.44	
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.37	
	06MOD-0050		For Stain Grade Material (No Finger Joints), Add	0.28	
06220-0030	LF		7-1/2" Wide Mullion Covers	23.79	1.16
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
06220-0031	LF		Three Piece Mullion Trim, 2 Cove Moldings	30.04	1.16
	06MOD-0049		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.53	
06220-0032			Cedar Trim (06220-0013)		
06220-0033	LF		2" x 4" Cedar Ceiling Trim	7.02	3.25
	06MOD-0051		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.08	
06220-0034			Oak Trim (06220-0013)		
06220-0035	LF		1" x 8" Clear Oak Ceiling Trim	7.23	2.99
	06MOD-0052		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
06220-0036			Closet Poles (06220)		
06220-0037	LF		1-1/8" Diameter Pine Closet Poles	5.07	1.67
06220-0038	LF		1-5/8" Diameter Pine Closet Poles	7.29	1.67
06220-0039	LF		2" Diameter Pine Closet Poles	9.80	1.86

06400 Architectural Woodwork (06000)**06410 Cabinetwork (06400)**

Note: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.

06410-0001			Base Cabinets (06410)		
			Note: Excludes tops or finish.		
06410-0002			Base Cabinets, Single Drawer And Single Door (06410-0001)		
06410-0003			Base Cabinets 34-1/2" High x 24" Deep (06410-0002)		
06410-0004	EA		Up To 15" Width, 34-1/2" High x 24" Deep Base Cabinet	248.14	36.71
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053		For ADA Cabinet Units (Includes All ADA Hardware), Add	39.16	
	06MOD-0062		For 3 Drawer Unit, Add	78.32	
	06MOD-0063		For 4 Drawer Unit, Add	97.90	
	06MOD-0064		For Plastic Laminate On Particle Board, Deduct	-39.16	
			Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065		For Premium Grade Plywood With Plastic Laminate, Deduct	-19.58	
	06MOD-0066		For Economy Grade, Deduct	-78.32	
	06MOD-0067		For Premium Grade, Add	97.90	
	06MOD-0068		For Laboratory Grade, Add	127.27	
	06MOD-0069		For Unfinished (Natural, Wood), Deduct	-29.37	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0005	EA	> 15" To 18" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	273.50	45.08
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	41.86	
	06MOD-0062	For 3 Drawer Unit, Add	83.72	
	06MOD-0063	For 4 Drawer Unit, Add	104.65	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-41.86	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-20.93	
	06MOD-0066	For Economy Grade, Deduct	-83.72	
	06MOD-0067	For Premium Grade, Add	104.65	
	06MOD-0068	For Laboratory Grade, Add	136.05	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-31.40	
06410-0006	EA	> 18" To 21" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	292.85	51.53
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	43.89	
	06MOD-0062	For 3 Drawer Unit, Add	87.77	
	06MOD-0063	For 4 Drawer Unit, Add	109.72	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-43.89	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-21.94	
	06MOD-0066	For Economy Grade, Deduct	-87.77	
	06MOD-0067	For Premium Grade, Add	109.72	
	06MOD-0068	For Laboratory Grade, Add	142.63	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-32.91	
06410-0007	EA	> 21" To 24" Width, 34-1/2" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	335.39	59.90
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	50.01	
	06MOD-0062	For 3 Drawer Unit, Add	100.02	
	06MOD-0063	For 4 Drawer Unit, Add	125.03	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-50.01	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-25.01	
	06MOD-0066	For Economy Grade, Deduct	-100.02	
	06MOD-0067	For Premium Grade, Add	125.03	
	06MOD-0068	For Laboratory Grade, Add	162.54	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-37.51	
06410-0008		Base Cabinets 30" High x 24" Deep <small>(06410-0002)</small>		
06410-0009	EA	Up To 15" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	218.77	36.71
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	33.29	
	06MOD-0062	For 3 Drawer Unit, Add	66.57	
	06MOD-0063	For 4 Drawer Unit, Add	83.22	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-33.29	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-16.64	
	06MOD-0066	For Economy Grade, Deduct	-66.57	
	06MOD-0067	For Premium Grade, Add	83.22	
	06MOD-0068	For Laboratory Grade, Add	108.18	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-24.96	
06410-0010	EA	> 15" To 18" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	242.11	45.08
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	35.58	
	06MOD-0062	For 3 Drawer Unit, Add	71.16	
	06MOD-0063	For 4 Drawer Unit, Add	88.96	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-35.58	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-17.79	
	06MOD-0066	For Economy Grade, Deduct	-71.16	
	06MOD-0067	For Premium Grade, Add	88.96	
	06MOD-0068	For Laboratory Grade, Add	115.64	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-26.69	
06410-0011	EA	> 18" To 21" Width, 30" High x 24" Deep Base Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	259.93	51.53
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	37.30	
	06MOD-0062	For 3 Drawer Unit, Add	74.60	
	06MOD-0063	For 4 Drawer Unit, Add	93.26	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-37.30	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-18.65	
	06MOD-0066	For Economy Grade, Deduct	-74.60	
	06MOD-0067	For Premium Grade, Add	93.26	
	06MOD-0068	For Laboratory Grade, Add	121.23	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-27.98	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0012	EA	> 21" To 24" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	297.88	59.25
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	42.51	
		06MOD-0062 For 3 Drawer Unit, Add	85.02	
		06MOD-0063 For 4 Drawer Unit, Add	106.28	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-42.51	
		Note: (Plastic Laminate On Hardwood For Doors)		
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-21.26	
		06MOD-0066 For Economy Grade, Deduct	-85.02	
		06MOD-0067 For Premium Grade, Add	106.28	
		06MOD-0068 For Laboratory Grade, Add	138.16	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-31.88	
06410-0013		Base Cabinets 34-1/2" High x 24" Deep, Custom Built In Place (06410-0002)		
06410-0014	LF	Up To 15" Width, 34-1/2" High x 24" Deep Built-In-Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	222.33	45.73
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	31.33	
		06MOD-0062 For 3 Drawer Unit, Add	62.66	
		06MOD-0063 For 4 Drawer Unit, Add	78.32	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-31.33	
		Note: (Plastic Laminate On Hardwood For Doors)		
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-15.66	
		06MOD-0066 For Economy Grade, Deduct	-62.66	
		06MOD-0067 For Premium Grade, Add	78.32	
		06MOD-0068 For Laboratory Grade, Add	101.82	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-23.50	
06410-0015	LF	> 15" To 18" Width, 34-1/2" High x 24" Deep Built-In-Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	203.29	44.44
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	27.91	
		06MOD-0062 For 3 Drawer Unit, Add	55.81	
		06MOD-0063 For 4 Drawer Unit, Add	69.77	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-27.91	
		Note: (Plastic Laminate On Hardwood For Doors)		
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-13.95	
		06MOD-0066 For Economy Grade, Deduct	-55.81	
		06MOD-0067 For Premium Grade, Add	69.77	
		06MOD-0068 For Laboratory Grade, Add	90.69	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-20.93	
06410-0016	LF	> 18" To 24" Width, 34-1/2" High x 24" Deep Built-In-Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	187.22	43.15
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	25.08	
		06MOD-0062 For 3 Drawer Unit, Add	50.16	
		06MOD-0063 For 4 Drawer Unit, Add	62.70	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-25.08	
		Note: (Plastic Laminate On Hardwood For Doors)		
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-12.54	
		06MOD-0066 For Economy Grade, Deduct	-50.16	
		06MOD-0067 For Premium Grade, Add	62.70	
		06MOD-0068 For Laboratory Grade, Add	81.50	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-18.81	
06410-0017	LF	> 24" To 30" Width, 34-1/2" High x 24" Deep Built-In-Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	172.21	41.22
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	22.59	
		06MOD-0062 For 3 Drawer Unit, Add	45.18	
		06MOD-0063 For 4 Drawer Unit, Add	56.48	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-22.59	
		Note: (Plastic Laminate On Hardwood For Doors)		
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-11.30	
		06MOD-0066 For Economy Grade, Deduct	-45.18	
		06MOD-0067 For Premium Grade, Add	56.48	
		06MOD-0068 For Laboratory Grade, Add	73.42	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-16.94	
06410-0018		Base Cabinets, Double Drawer And Double Door (06410-0001)		
06410-0019		34-1/2" High x 24" Deep (06410-0018)		
06410-0020	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	393.35	49.27
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	58.96	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-58.96	
		Note: (Plastic Laminate On Hardwood For Doors)		
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-29.48	
		06MOD-0066 For Economy Grade, Deduct	-117.93	
		06MOD-0067 For Premium Grade, Add	147.41	
		06MOD-0068 For Laboratory Grade, Add	191.63	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-44.22	
		06MOD-0070 For 3 Drawer Unit, Add	29.48	
		06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-44.22	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0021	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	419.45	52.81
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	62.77	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-62.77	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-31.38	
	06MOD-0066	For Economy Grade, Deduct	-125.53	
	06MOD-0067	For Premium Grade, Add	156.92	
	06MOD-0068	For Laboratory Grade, Add	203.99	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-47.07	
	06MOD-0070	For 3 Drawer Unit, Add	31.38	
	06MOD-0071	For Sink Base With Sink Front (No Drawer), Deduct	-47.07	
06410-0022	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	436.77	54.10
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	65.72	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-65.72	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-32.86	
	06MOD-0066	For Economy Grade, Deduct	-131.43	
	06MOD-0067	For Premium Grade, Add	164.29	
	06MOD-0068	For Laboratory Grade, Add	213.58	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-49.29	
	06MOD-0070	For 3 Drawer Unit, Add	32.86	
	06MOD-0071	For Sink Base With Sink Front (No Drawer), Deduct	-49.29	
06410-0023	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	448.36	55.39
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	67.52	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-67.52	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-33.76	
	06MOD-0066	For Economy Grade, Deduct	-135.03	
	06MOD-0067	For Premium Grade, Add	168.79	
	06MOD-0068	For Laboratory Grade, Add	219.43	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-50.64	
	06MOD-0070	For 3 Drawer Unit, Add	33.76	
	06MOD-0071	For Sink Base With Sink Front (No Drawer), Deduct	-50.64	
06410-0024	EA	>36"-42" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	479.88	59.90
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	72.02	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-72.02	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-36.01	
	06MOD-0066	For Economy Grade, Deduct	-144.04	
	06MOD-0067	For Premium Grade, Add	180.05	
	06MOD-0068	For Laboratory Grade, Add	234.06	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-54.01	
	06MOD-0070	For 3 Drawer Unit, Add	36.01	
	06MOD-0071	For Sink Base With Sink Front (No Drawer), Deduct	-54.01	
06410-0025	EA	>42"-48" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	512.23	67.62
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	75.39	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-75.39	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-37.70	
	06MOD-0066	For Economy Grade, Deduct	-150.79	
	06MOD-0067	For Premium Grade, Add	188.49	
	06MOD-0068	For Laboratory Grade, Add	245.03	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-56.55	
	06MOD-0070	For 3 Drawer Unit, Add	37.70	
	06MOD-0071	For Sink Base With Sink Front (No Drawer), Deduct	-56.55	
06410-0026		30" High x 24" Deep <small>(06410-0018)</small>		
06410-0027	EA	24" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet.....	269.56	66.72
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	06MOD-0053	For ADA Cabinet Units (Includes All ADA Hardware), Add	34.76	
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct	-34.76	
		Note: (Plastic Laminate On Hardwood For Doors)		
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-17.38	
	06MOD-0066	For Economy Grade, Deduct	-69.51	
	06MOD-0067	For Premium Grade, Add	86.89	
	06MOD-0068	For Laboratory Grade, Add	112.96	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-26.07	
	06MOD-0070	For 3 Drawer Unit, Add	17.38	
	06MOD-0071	For Sink Base With Sink Front (No Drawer), Deduct	-26.07	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0028	EA		30" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	384.96	74.38
			06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	55.88	
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-55.88	
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-27.94	
			06MOD-0066 For Economy Grade, Deduct	-111.75	
			06MOD-0067 For Premium Grade, Add	139.69	
			06MOD-0068 For Laboratory Grade, Add	181.60	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-41.91	
			06MOD-0070 For 3 Drawer Unit, Add	27.94	
			06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-41.91	
06410-0029	EA		36" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	445.90	77.09
			06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	66.97	
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-66.97	
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-33.49	
			06MOD-0066 For Economy Grade, Deduct	-133.94	
			06MOD-0067 For Premium Grade, Add	167.43	
			06MOD-0068 For Laboratory Grade, Add	217.66	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-50.23	
			06MOD-0070 For 3 Drawer Unit, Add	33.49	
			06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-50.23	
06410-0030	EA		42" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	533.71	83.85
			06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	82.78	
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-82.78	
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-41.39	
			06MOD-0066 For Economy Grade, Deduct	-165.56	
			06MOD-0067 For Premium Grade, Add	206.96	
			06MOD-0068 For Laboratory Grade, Add	269.04	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-62.09	
			06MOD-0070 For 3 Drawer Unit, Add	41.39	
			06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-62.09	
06410-0031	EA		48" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	605.65	94.67
			06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	94.08	
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-94.08	
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-47.04	
			06MOD-0066 For Economy Grade, Deduct	-188.16	
			06MOD-0067 For Premium Grade, Add	235.20	
			06MOD-0068 For Laboratory Grade, Add	305.76	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-70.56	
			06MOD-0070 For 3 Drawer Unit, Add	47.04	
			06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-70.56	
06410-0032			34-1/2" High x 24" Deep, Custom Built In Place (06410-0018)		
06410-0033	LF		24" To 30" Wide, 34-1/2" High x 24" Deep Built-In-Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	188.64	44.44
			06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	25.11	
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-25.11	
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-12.55	
			06MOD-0066 For Economy Grade, Deduct	-50.21	
			06MOD-0067 For Premium Grade, Add	62.77	
			06MOD-0068 For Laboratory Grade, Add	81.59	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-18.83	
			06MOD-0070 For 3 Drawer Unit, Add	12.55	
			06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-18.83	
06410-0034	LF		> 30" To 36" Wide, 34-1/2" High x 24" Deep Built-In-Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	170.61	40.58
			06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	22.53	
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-22.53	
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-11.27	
			06MOD-0066 For Economy Grade, Deduct	-45.06	
			06MOD-0067 For Premium Grade, Add	56.33	
			06MOD-0068 For Laboratory Grade, Add	73.22	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-16.90	
			06MOD-0070 For 3 Drawer Unit, Add	11.27	
			06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-16.90	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0035	LF	> 36" To 42" Wide, 34-1/2" High x 24" Deep Built-In-Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	157.00	37.99
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	20.58	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-20.58	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-10.29	
		06MOD-0066 For Economy Grade, Deduct	-41.16	
		06MOD-0067 For Premium Grade, Add	51.45	
		06MOD-0068 For Laboratory Grade, Add	66.89	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-15.44	
		06MOD-0070 For 3 Drawer Unit, Add	10.29	
		06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-15.44	
06410-0036	LF	> 42" To 48" Wide, 34-1/2" High x 24" Deep Built-In-Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	145.80	36.07
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	18.85	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-18.85	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.43	
		06MOD-0066 For Economy Grade, Deduct	-37.71	
		06MOD-0067 For Premium Grade, Add	47.14	
		06MOD-0068 For Laboratory Grade, Add	61.28	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-14.14	
		06MOD-0070 For 3 Drawer Unit, Add	9.43	
		06MOD-0071 For Sink Base With Sink Front (No Drawer), Deduct	-14.14	
06410-0037		Vanity Bases (06410-0001)		
06410-0038	EA	30" High x 21" Deep x 24" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	304.58	47.92
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	41.76	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-41.76	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-20.88	
		06MOD-0066 For Economy Grade, Deduct	-83.52	
		06MOD-0067 For Premium Grade, Add	104.40	
		06MOD-0068 For Laboratory Grade, Add	135.72	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-31.32	
06410-0039	EA	30" High x 21" Deep x 30" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	345.64	53.33
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	48.01	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-48.01	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-24.01	
		06MOD-0066 For Economy Grade, Deduct	-96.02	
		06MOD-0067 For Premium Grade, Add	120.03	
		06MOD-0068 For Laboratory Grade, Add	156.04	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-36.01	
06410-0040	EA	30" High x 21" Deep x 36" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	432.37	55.52
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	64.27	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-64.27	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-32.13	
		06MOD-0066 For Economy Grade, Deduct	-128.53	
		06MOD-0067 For Premium Grade, Add	160.67	
		06MOD-0068 For Laboratory Grade, Add	208.86	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-48.20	
06410-0041	EA	30" High x 21" Deep x 48" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	516.53	67.62
		06MOD-0053 For ADA Cabinet Units (Includes All ADA Hardware), Add	76.27	
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-76.27	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-38.13	
		06MOD-0066 For Economy Grade, Deduct	-152.54	
		06MOD-0067 For Premium Grade, Add	190.67	
		06MOD-0068 For Laboratory Grade, Add	247.87	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-57.20	
06410-0042		Wall Cabinets (06410)		
06410-0043		Wall Cabinets 36" High x 13" Deep (06410-0042)		
06410-0044		Single Door Type Units (06410-0043)		

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0045	EA		Up To 15" Wide, 36" High x 13" Deep Single Door Wall Cabinet.....	210.04	46.37
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-30.42	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-15.21	
			06MOD-0066 For Economy Grade, Deduct	-60.84	
			06MOD-0067 For Premium Grade, Add	76.05	
			06MOD-0068 For Laboratory Grade, Add	98.86	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-22.81	
06410-0046	EA		To 18" Wide, 36" High x 13" Deep Single Door Wall Cabinet.....	236.49	47.34
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-35.46	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-17.73	
			06MOD-0066 For Economy Grade, Deduct	-70.92	
			06MOD-0067 For Premium Grade, Add	88.65	
			06MOD-0068 For Laboratory Grade, Add	115.24	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-26.59	
06410-0047	EA		> 18" To 24" Wide, 36" High x 13" Deep Single Door Wall Cabinet.....	263.85	48.94
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-40.51	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-20.26	
			06MOD-0066 For Economy Grade, Deduct	-81.02	
			06MOD-0067 For Premium Grade, Add	101.28	
			06MOD-0068 For Laboratory Grade, Add	131.66	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-30.38	
06410-0048	EA		> 24" To 30" Wide, 36" High x 13" Deep Single Door Wall Cabinet.....	309.56	52.81
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-48.61	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-24.31	
			06MOD-0066 For Economy Grade, Deduct	-97.22	
			06MOD-0067 For Premium Grade, Add	121.53	
			06MOD-0068 For Laboratory Grade, Add	157.99	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-36.46	
06410-0049			Double Door Type Units (06410-0043)		
06410-0050	EA		Up To 24" Wide, 36" High x 13" Deep Double Door Wall Cabinet.....	271.23	54.10
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-40.57	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-20.29	
			06MOD-0066 For Economy Grade, Deduct	-81.14	
			06MOD-0067 For Premium Grade, Add	101.43	
			06MOD-0068 For Laboratory Grade, Add	131.85	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-30.43	
06410-0051	EA		> 24" To 30" Wide, 36" High x 13" Deep Double Door Wall Cabinet.....	319.49	59.25
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-49.15	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-24.58	
			06MOD-0066 For Economy Grade, Deduct	-98.30	
			06MOD-0067 For Premium Grade, Add	122.88	
			06MOD-0068 For Laboratory Grade, Add	159.74	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-36.86	
06410-0052	EA		> 30" To 36" Wide, 36" High x 13" Deep Double Door Wall Cabinet.....	356.45	60.54
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-56.17	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-28.09	
			06MOD-0066 For Economy Grade, Deduct	-112.35	
			06MOD-0067 For Premium Grade, Add	140.44	
			06MOD-0068 For Laboratory Grade, Add	182.57	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-42.13	
06410-0053	EA		> 36" To 42" Wide, 36" High x 13" Deep Double Door Wall Cabinet.....	386.51	62.79
			Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
			06MOD-0064 For Plastic Laminate On Particle Board, Deduct	-61.57	
			Note: (Plastic Laminate On Hardwood For Doors)		
			06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-30.79	
			06MOD-0066 For Economy Grade, Deduct	-123.15	
			06MOD-0067 For Premium Grade, Add	153.94	
			06MOD-0068 For Laboratory Grade, Add	200.12	
			06MOD-0069 For Unfinished (Natural, Wood), Deduct	-46.18	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0054	EA > 42" To 48" Wide, 36" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	429.60	65.69
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-69.41	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-34.70	
	06MOD-0066 For Economy Grade, Deduct	-138.81	
	06MOD-0067 For Premium Grade, Add	173.52	
	06MOD-0068 For Laboratory Grade, Add	225.57	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-52.05	
06410-0055	Wall Cabinets 30" High x 13" Deep (06410-0042)		
06410-0056	Single Door Type Units (06410-0055)		
06410-0057	EA Up To 12" Wide, 30" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	165.61	36.62
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-23.86	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-11.93	
	06MOD-0066 For Economy Grade, Deduct	-47.71	
	06MOD-0067 For Premium Grade, Add	59.64	
	06MOD-0068 For Laboratory Grade, Add	77.53	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-17.89	
06410-0058	EA > 12" To 15" Wide, 30" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	187.83	38.21
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-27.91	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-13.95	
	06MOD-0066 For Economy Grade, Deduct	-55.81	
	06MOD-0067 For Premium Grade, Add	69.77	
	06MOD-0068 For Laboratory Grade, Add	90.69	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-20.93	
06410-0059	EA > 15" To 18" Wide, 30" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	203.51	39.01
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-30.83	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-15.42	
	06MOD-0066 For Economy Grade, Deduct	-61.66	
	06MOD-0067 For Premium Grade, Add	77.08	
	06MOD-0068 For Laboratory Grade, Add	100.20	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-23.12	
06410-0060	EA > 18" To 24" Wide, 30" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	219.87	40.40
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-33.76	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-16.88	
	06MOD-0066 For Economy Grade, Deduct	-67.52	
	06MOD-0067 For Premium Grade, Add	84.40	
	06MOD-0068 For Laboratory Grade, Add	109.71	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-25.32	
06410-0061	Double Door Type Units (06410-0055)		
06410-0062	EA Up To 27" Wide, 30" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	242.33	41.26
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-38.03	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.02	
	06MOD-0066 For Economy Grade, Deduct	-76.07	
	06MOD-0067 For Premium Grade, Add	95.09	
	06MOD-0068 For Laboratory Grade, Add	123.61	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-28.53	
06410-0063	EA > 27" To 30" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	258.26	42.28
	06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-40.96	
	06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-20.48	
	06MOD-0066 For Economy Grade, Deduct	-81.92	
	06MOD-0067 For Premium Grade, Add	102.40	
	06MOD-0068 For Laboratory Grade, Add	133.12	
	06MOD-0069 For Unfinished (Natural, Wood), Deduct	-30.72	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0064	EA	> 30" To 36" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	288.80	43.30
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-46.81	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-23.41	
		06MOD-0066 For Economy Grade, Deduct	-93.62	
		06MOD-0067 For Premium Grade, Add	117.03	
		06MOD-0068 For Laboratory Grade, Add	152.14	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-35.11	
06410-0065	EA	> 36" To 42" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	312.59	44.31
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-51.31	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-25.66	
		06MOD-0066 For Economy Grade, Deduct	-102.62	
		06MOD-0067 For Premium Grade, Add	128.28	
		06MOD-0068 For Laboratory Grade, Add	166.76	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-38.48	
06410-0066	EA	> 42" To 48" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	345.86	44.82
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-57.84	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-28.92	
		06MOD-0066 For Economy Grade, Deduct	-115.68	
		06MOD-0067 For Premium Grade, Add	144.60	
		06MOD-0068 For Laboratory Grade, Add	187.97	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-43.38	
06410-0067		Wall Cabinets 24" High x 13" Deep (06410-0042)		
06410-0068		Double Door Type Units (06410-0067)		
06410-0069	EA	Up To 24" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	213.38	33.49
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-34.21	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-17.10	
		06MOD-0066 For Economy Grade, Deduct	-68.42	
		06MOD-0067 For Premium Grade, Add	85.52	
		06MOD-0068 For Laboratory Grade, Add	111.18	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-25.66	
06410-0070	EA	> 24" To 30" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	227.86	35.10
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-36.68	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.34	
		06MOD-0066 For Economy Grade, Deduct	-73.37	
		06MOD-0067 For Premium Grade, Add	91.71	
		06MOD-0068 For Laboratory Grade, Add	119.22	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-27.51	
06410-0071	EA	> 30" To 36" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	248.23	36.13
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-40.51	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-20.26	
		06MOD-0066 For Economy Grade, Deduct	-81.02	
		06MOD-0067 For Premium Grade, Add	101.28	
		06MOD-0068 For Laboratory Grade, Add	131.66	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-30.38	
06410-0072	EA	> 36" To 42" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	270.30	36.71
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-44.79	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-22.39	
		06MOD-0066 For Economy Grade, Deduct	-89.57	
		06MOD-0067 For Premium Grade, Add	111.97	
		06MOD-0068 For Laboratory Grade, Add	145.55	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-33.59	
06410-0073		Wall Cabinets 15" High x 13" Deep (06410-0042)		
06410-0074		Double Door Type Units (06410-0073)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0075	EA	Up To 24" Wide, 15" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	189.12	29.43
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-30.38	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.19	
	06MOD-0066	For Economy Grade, Deduct	-60.76	
	06MOD-0067	For Premium Grade, Add	75.96	
	06MOD-0068	For Laboratory Grade, Add	98.74	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-22.79	
06410-0076	EA	> 24" To 30" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	199.72	31.56
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-31.96	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.98	
	06MOD-0066	For Economy Grade, Deduct	-63.92	
	06MOD-0067	For Premium Grade, Add	79.90	
	06MOD-0068	For Laboratory Grade, Add	103.86	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-23.97	
06410-0077	EA	> 30" To 36" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	220.10	36.13
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-34.88	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-17.44	
	06MOD-0066	For Economy Grade, Deduct	-69.77	
	06MOD-0067	For Premium Grade, Add	87.21	
	06MOD-0068	For Laboratory Grade, Add	113.37	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-26.16	
06410-0078	EA	> 36" To 42" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	238.14	36.13
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-38.48	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-19.24	
	06MOD-0066	For Economy Grade, Deduct	-76.97	
	06MOD-0067	For Premium Grade, Add	96.21	
	06MOD-0068	For Laboratory Grade, Add	125.07	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-28.86	
06410-0079		Wall Cabinets 12" High x 13" Deep (06410-0042)		
06410-0080	EA	18" to 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	176.38	19.83
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-27.23	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-13.62	
	06MOD-0066	For Economy Grade, Deduct	-54.46	
	06MOD-0067	For Premium Grade, Add	68.08	
	06MOD-0068	For Laboratory Grade, Add	88.50	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-20.42	
06410-0081	EA	> 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	205.77	14.87
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-31.96	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.98	
	06MOD-0066	For Economy Grade, Deduct	-63.92	
	06MOD-0067	For Premium Grade, Add	79.90	
	06MOD-0068	For Laboratory Grade, Add	103.86	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-23.97	
06410-0082		Wall Cabinets 36" High x 13" Deep, Custom Built In Place (06410-0042)		
06410-0083		Single Door Type Units (06410-0082)		
06410-0084	LF	Up To 15" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	191.20	48.94
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-24.33	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-12.17	
	06MOD-0066	For Economy Grade, Deduct	-48.66	
	06MOD-0067	For Premium Grade, Add	60.83	
	06MOD-0068	For Laboratory Grade, Add	79.07	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-18.25	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0085	LF	> 15 To 18" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	177.44	41.22
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-23.64	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-11.82	
		06MOD-0066 For Economy Grade, Deduct	-47.28	
		06MOD-0067 For Premium Grade, Add	59.10	
		06MOD-0068 For Laboratory Grade, Add	76.82	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-17.73	
06410-0086	LF	> 18 To 24" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	147.00	32.21
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-20.25	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-10.13	
		06MOD-0066 For Economy Grade, Deduct	-40.51	
		06MOD-0067 For Premium Grade, Add	50.64	
		06MOD-0068 For Laboratory Grade, Add	65.83	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-15.19	
06410-0087	LF	> 24 To 30" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	137.20	27.69
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-19.45	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.73	
		06MOD-0066 For Economy Grade, Deduct	-38.91	
		06MOD-0067 For Premium Grade, Add	48.64	
		06MOD-0068 For Laboratory Grade, Add	63.23	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-14.59	
06410-0088		Double Door Type Units <small>(06410-0082)</small>		
06410-0089	LF	Up To 24" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	152.93	36.07
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-20.28	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-10.14	
		06MOD-0066 For Economy Grade, Deduct	-40.56	
		06MOD-0067 For Premium Grade, Add	50.70	
		06MOD-0068 For Laboratory Grade, Add	65.91	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-15.21	
06410-0090	LF	> 24" To 30" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	142.06	30.92
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-19.65	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.83	
		06MOD-0066 For Economy Grade, Deduct	-39.31	
		06MOD-0067 For Premium Grade, Add	49.14	
		06MOD-0068 For Laboratory Grade, Add	63.88	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-14.74	
06410-0091	LF	> 30" To 36" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	131.61	26.41
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-18.72	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.36	
		06MOD-0066 For Economy Grade, Deduct	-37.45	
		06MOD-0067 For Premium Grade, Add	46.81	
		06MOD-0068 For Laboratory Grade, Add	60.85	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-14.04	
06410-0092	LF	> 36" To 42" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	121.45	23.18
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-17.59	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-8.80	
		06MOD-0066 For Economy Grade, Deduct	-35.18	
		06MOD-0067 For Premium Grade, Add	43.98	
		06MOD-0068 For Laboratory Grade, Add	57.17	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-13.19	
06410-0093	LF	> 42" To 48" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	117.69	21.90
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-17.35	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-8.68	
		06MOD-0066 For Economy Grade, Deduct	-34.71	
		06MOD-0067 For Premium Grade, Add	43.39	
		06MOD-0068 For Laboratory Grade, Add	56.40	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-13.02	
06410-0094		Accessories <small>(06410)</small> See CSI section 08710-2304 for cabinet hardware.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0095	EA	Wall Corner Cabinet With Shelving..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	261.90	72.42
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-20.19	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-10.10	
	06MOD-0066	For Economy Grade, Deduct	-40.39	
	06MOD-0067	For Premium Grade, Add	50.49	
	06MOD-0068	For Laboratory Grade, Add	65.63	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-15.15	
06410-0096	EA	Wall Lazy Susan With Cabinet Enclosure..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	383.65	57.93
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-50.98	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-25.49	
	06MOD-0066	For Economy Grade, Deduct	-101.96	
	06MOD-0067	For Premium Grade, Add	127.46	
	06MOD-0068	For Laboratory Grade, Add	165.69	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-38.24	
06410-0097	EA	Base Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	462.30	48.28
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-71.00	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-35.50	
	06MOD-0066	For Economy Grade, Deduct	-142.01	
	06MOD-0067	For Premium Grade, Add	177.51	
	06MOD-0068	For Laboratory Grade, Add	230.76	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-53.25	
06410-0098	EA	Broom Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	496.92	41.39
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-80.99	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-40.50	
	06MOD-0066	For Economy Grade, Deduct	-161.99	
	06MOD-0067	For Premium Grade, Add	202.49	
	06MOD-0068	For Laboratory Grade, Add	263.23	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-60.75	
06410-0099	EA	Base Corner Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	210.63	28.96
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-30.54	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.27	
	06MOD-0066	For Economy Grade, Deduct	-61.08	
	06MOD-0067	For Premium Grade, Add	76.35	
	06MOD-0068	For Laboratory Grade, Add	99.26	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-22.91	
06410-0100	EA	Base Range Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	199.79	24.14
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-30.30	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.15	
	06MOD-0066	For Economy Grade, Deduct	-60.60	
	06MOD-0067	For Premium Grade, Add	75.76	
	06MOD-0068	For Laboratory Grade, Add	98.48	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-22.73	
06410-0101	EA	Double Oven Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames.	263.55	28.96
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-41.12	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-20.56	
	06MOD-0066	For Economy Grade, Deduct	-82.25	
	06MOD-0067	For Premium Grade, Add	102.81	
	06MOD-0068	For Laboratory Grade, Add	133.65	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-30.84	
06410-0102	EA	Microwave Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames.	179.32	19.31
	06MOD-0064	For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-28.14	
	06MOD-0065	For Premium Grade Plywood With Plastic Laminate, Deduct	-14.07	
	06MOD-0066	For Economy Grade, Deduct	-56.28	
	06MOD-0067	For Premium Grade, Add	70.35	
	06MOD-0068	For Laboratory Grade, Add	91.46	
	06MOD-0069	For Unfinished (Natural, Wood), Deduct	-21.11	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0103	EA	30" Flipper Door And Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	227.11	37.02
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-30.62	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-15.31	
		06MOD-0066 For Economy Grade, Deduct	-61.23	
		06MOD-0067 For Premium Grade, Add	76.54	
		06MOD-0068 For Laboratory Grade, Add	99.50	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-22.96	
06410-0104	EA	36" Flipper Door And Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	242.53	37.02
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-33.70	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-16.85	
		06MOD-0066 For Economy Grade, Deduct	-67.40	
		06MOD-0067 For Premium Grade, Add	84.25	
		06MOD-0068 For Laboratory Grade, Add	109.53	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-25.28	
06410-0105	EA	48" Flipper Door And Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	268.11	37.02
		06MOD-0064 For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors)	-38.82	
		06MOD-0065 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.41	
		06MOD-0066 For Economy Grade, Deduct	-77.63	
		06MOD-0067 For Premium Grade, Add	97.04	
		06MOD-0068 For Laboratory Grade, Add	126.15	
		06MOD-0069 For Unfinished (Natural, Wood), Deduct	-29.11	
06410-0106	EA	For Keyed Lock In Door Or Drawer.....	31.70	
06410-0107	SET	Tamper-Proof Screw Sets Per Panel.....	7.34	
06410-0108		Residential Housing Cabinetwork <small>(06410)</small> Note: Include hinges, mounting hardware and door pulls. Economy grade: Stock-grade cabinets with flush-face doors. Doors made from veneered particleboard. Standard grade: Stock-grade cabinets with raised panel or cathedral doors. Interior panel may be plywood. Lower grade plastic-laminate face cabinets. High grade: Semi-custom cabinets with raised panel or cathedral doors. Higher grade: Same as High Grade but with plastic-laminate face and foil-face face cabinets. Deluxe grade: Semi-custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, glass doors, or foil-face. Materials include cherry, pecan, and Shaker-style maple or pine. Custom grade: Custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, mullion or leaded glass doors. Materials include cherry, pecan, and Shaker-style maple or pine. Custom deluxe grade: Same as Custom Grade, may have some curved wood cabinets and more custom features.		
06410-0109	EA	15" x 30" Wall Cabinet 06MOD-0054 For Plastic Laminate On Particle Board, Deduct 06MOD-0055 For Economy Grade, Deduct 06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct 06MOD-0057 For High Grade, Add 06MOD-0058 For Higher Grade, Add 06MOD-0059 For Deluxe Grade, Add 06MOD-0060 For Custom Deluxe Grade, Add 06MOD-0061 For Custom Built In Place, Add	115.55 -28.05 -16.03 -8.02 8.02 16.03 32.06 35.60 23.58	17.70
06410-0110	EA	30" x 30" Wall Cabinet 06MOD-0054 For Plastic Laminate On Particle Board, Deduct 06MOD-0055 For Economy Grade, Deduct 06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct 06MOD-0057 For High Grade, Add 06MOD-0058 For Higher Grade, Add 06MOD-0059 For Deluxe Grade, Add 06MOD-0060 For Custom Deluxe Grade, Add 06MOD-0061 For Custom Built In Place, Add	166.55 -42.30 -24.17 -12.09 12.09 24.17 48.34 52.91 34.78	22.85
06410-0111	EA	33" x 30" Wall Cabinet 06MOD-0054 For Plastic Laminate On Particle Board, Deduct 06MOD-0055 For Economy Grade, Deduct 06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct 06MOD-0057 For High Grade, Add 06MOD-0058 For Higher Grade, Add 06MOD-0059 For Deluxe Grade, Add 06MOD-0060 For Custom Deluxe Grade, Add 06MOD-0061 For Custom Built In Place, Add	177.83 -44.89 -25.65 -12.83 12.83 25.65 51.30 56.26 37.02	24.78
06410-0112	EA	36" x 30" Wall Cabinet 06MOD-0054 For Plastic Laminate On Particle Board, Deduct 06MOD-0055 For Economy Grade, Deduct 06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct 06MOD-0057 For High Grade, Add 06MOD-0058 For Higher Grade, Add 06MOD-0059 For Deluxe Grade, Add 06MOD-0060 For Custom Deluxe Grade, Add 06MOD-0061 For Custom Built In Place, Add	184.10 -46.18 -26.39 -13.20 13.20 26.39 52.78 58.00 38.20	26.07



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0113	EA 39" x 30" Wall Cabinet	195.28	27.36
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-49.20	
	06MOD-0055 For Economy Grade, Deduct	-28.12	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-14.06	
	06MOD-0057 For High Grade, Add	14.06	
	06MOD-0058 For Higher Grade, Add	28.12	
	06MOD-0059 For Deluxe Grade, Add	56.23	
	06MOD-0060 For Custom Deluxe Grade, Add	61.70	
	06MOD-0061 For Custom Built In Place, Add	40.62	
06410-0114	EA 42" x 30" Wall Cabinet	202.68	27.36
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-51.79	
	06MOD-0055 For Economy Grade, Deduct	-29.60	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-14.80	
	06MOD-0057 For High Grade, Add	14.80	
	06MOD-0058 For Higher Grade, Add	29.60	
	06MOD-0059 For Deluxe Grade, Add	59.19	
	06MOD-0060 For Custom Deluxe Grade, Add	64.66	
	06MOD-0061 For Custom Built In Place, Add	42.47	
06410-0115	EA 45" x 30" Wall Cabinet	213.94	29.29
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-54.38	
	06MOD-0055 For Economy Grade, Deduct	-31.08	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-15.54	
	06MOD-0057 For High Grade, Add	15.54	
	06MOD-0058 For Higher Grade, Add	31.08	
	06MOD-0059 For Deluxe Grade, Add	62.15	
	06MOD-0060 For Custom Deluxe Grade, Add	68.01	
	06MOD-0061 For Custom Built In Place, Add	44.70	
06410-0116	EA 48" x 30" Wall Cabinet	221.34	29.29
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-56.97	
	06MOD-0055 For Economy Grade, Deduct	-32.56	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-16.28	
	06MOD-0057 For High Grade, Add	16.28	
	06MOD-0058 For Higher Grade, Add	32.56	
	06MOD-0059 For Deluxe Grade, Add	65.11	
	06MOD-0060 For Custom Deluxe Grade, Add	70.97	
	06MOD-0061 For Custom Built In Place, Add	46.55	
06410-0117	EA 30" x 34-1/2" Microwave Cabinet.....	230.81	24.78
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-63.44	
	06MOD-0055 For Economy Grade, Deduct	-36.25	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.13	
	06MOD-0057 For High Grade, Add	18.13	
	06MOD-0058 For Higher Grade, Add	36.25	
	06MOD-0059 For Deluxe Grade, Add	72.51	
	06MOD-0060 For Custom Deluxe Grade, Add	77.46	
	06MOD-0061 For Custom Built In Place, Add	50.27	
06410-0118	EA 30" x 46-1/2" Microwave Cabinet.....	302.72	29.29
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-85.46	
	06MOD-0055 For Economy Grade, Deduct	-48.83	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-24.42	
	06MOD-0057 For High Grade, Add	24.42	
	06MOD-0058 For Higher Grade, Add	48.83	
	06MOD-0059 For Deluxe Grade, Add	97.66	
	06MOD-0060 For Custom Deluxe Grade, Add	103.52	
	06MOD-0061 For Custom Built In Place, Add	66.90	
06410-0119	EA 30" x 12" x 34-1/2" Microwave Cabinet.....	226.97	22.85
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-63.44	
	06MOD-0055 For Economy Grade, Deduct	-36.25	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.13	
	06MOD-0057 For High Grade, Add	18.13	
	06MOD-0058 For Higher Grade, Add	36.25	
	06MOD-0059 For Deluxe Grade, Add	72.51	
	06MOD-0060 For Custom Deluxe Grade, Add	77.08	
	06MOD-0061 For Custom Built In Place, Add	49.89	
06410-0120	EA 30" x 12" x 46-1/2" Microwave Cabinet.....	302.72	29.29
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-85.46	
	06MOD-0055 For Economy Grade, Deduct	-48.83	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-24.42	
	06MOD-0057 For High Grade, Add	24.42	
	06MOD-0058 For Higher Grade, Add	48.83	
	06MOD-0059 For Deluxe Grade, Add	97.66	
	06MOD-0060 For Custom Deluxe Grade, Add	103.52	
	06MOD-0061 For Custom Built In Place, Add	66.90	
06410-0121	EA 30" x 21" Microwave Cabinet.....	163.20	19.96
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-43.16	
	06MOD-0055 For Economy Grade, Deduct	-24.66	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-12.33	
	06MOD-0057 For High Grade, Add	12.33	
	06MOD-0058 For Higher Grade, Add	24.66	
	06MOD-0059 For Deluxe Grade, Add	49.32	
	06MOD-0060 For Custom Deluxe Grade, Add	53.31	
	06MOD-0061 For Custom Built In Place, Add	34.82	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0122	EA	30" x 15"	Wall Cabinet	124.60	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-27.62	
	06MOD-0055		For Economy Grade, Deduct	-15.78	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-7.89	
	06MOD-0057		For High Grade, Add	7.89	
	06MOD-0058		For Higher Grade, Add	15.78	
	06MOD-0059		For Deluxe Grade, Add	31.57	
	06MOD-0060		For Custom Deluxe Grade, Add	36.14	
	06MOD-0061		For Custom Built In Place, Add	24.30	
06410-0123	EA	24" x 24"	Wall Cabinet, 2 Doors	126.23	19.96
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-30.21	
	06MOD-0055		For Economy Grade, Deduct	-17.26	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-8.63	
	06MOD-0057		For High Grade, Add	8.63	
	06MOD-0058		For Higher Grade, Add	17.26	
	06MOD-0059		For Deluxe Grade, Add	34.53	
	06MOD-0060		For Custom Deluxe Grade, Add	38.52	
	06MOD-0061		For Custom Built In Place, Add	25.57	
06410-0124	EA	27" x 24"	Wall Cabinet	129.93	19.96
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-31.51	
	06MOD-0055		For Economy Grade, Deduct	-18.00	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-9.00	
	06MOD-0057		For High Grade, Add	9.00	
	06MOD-0058		For Higher Grade, Add	18.00	
	06MOD-0059		For Deluxe Grade, Add	36.01	
	06MOD-0060		For Custom Deluxe Grade, Add	40.00	
	06MOD-0061		For Custom Built In Place, Add	26.50	
06410-0125	EA	30" x 24"	Wall Cabinet	138.19	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-32.37	
	06MOD-0055		For Economy Grade, Deduct	-18.50	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-9.25	
	06MOD-0057		For High Grade, Add	9.25	
	06MOD-0058		For Higher Grade, Add	18.50	
	06MOD-0059		For Deluxe Grade, Add	37.00	
	06MOD-0060		For Custom Deluxe Grade, Add	41.57	
	06MOD-0061		For Custom Built In Place, Add	27.69	
06410-0126	EA	33" x 24"	Wall Cabinet	147.00	24.78
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-34.10	
	06MOD-0055		For Economy Grade, Deduct	-19.48	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-9.74	
	06MOD-0057		For High Grade, Add	9.74	
	06MOD-0058		For Higher Grade, Add	19.48	
	06MOD-0059		For Deluxe Grade, Add	38.97	
	06MOD-0060		For Custom Deluxe Grade, Add	43.93	
	06MOD-0061		For Custom Built In Place, Add	29.31	
06410-0127	EA	36" x 24"	Wall Cabinet	152.03	26.07
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-34.96	
	06MOD-0055		For Economy Grade, Deduct	-19.98	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-9.99	
	06MOD-0057		For High Grade, Add	9.99	
	06MOD-0058		For Higher Grade, Add	19.98	
	06MOD-0059		For Deluxe Grade, Add	39.95	
	06MOD-0060		For Custom Deluxe Grade, Add	45.17	
	06MOD-0061		For Custom Built In Place, Add	30.19	
06410-0128	EA	39" x 24"	Wall Cabinet	159.52	27.36
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-36.69	
	06MOD-0055		For Economy Grade, Deduct	-20.96	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-10.48	
	06MOD-0057		For High Grade, Add	10.48	
	06MOD-0058		For Higher Grade, Add	20.96	
	06MOD-0059		For Deluxe Grade, Add	41.93	
	06MOD-0060		For Custom Deluxe Grade, Add	47.40	
	06MOD-0061		For Custom Built In Place, Add	31.68	
06410-0129	EA	42" x 24"	Wall Cabinet	166.92	27.36
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-39.28	
	06MOD-0055		For Economy Grade, Deduct	-22.44	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-11.22	
	06MOD-0057		For High Grade, Add	11.22	
	06MOD-0058		For Higher Grade, Add	22.44	
	06MOD-0059		For Deluxe Grade, Add	44.89	
	06MOD-0060		For Custom Deluxe Grade, Add	50.36	
	06MOD-0061		For Custom Built In Place, Add	33.53	
06410-0130	EA	45" x 24"	Wall Cabinet	180.64	29.29
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-42.73	
	06MOD-0055		For Economy Grade, Deduct	-24.42	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-12.21	
	06MOD-0057		For High Grade, Add	12.21	
	06MOD-0058		For Higher Grade, Add	24.42	
	06MOD-0059		For Deluxe Grade, Add	48.83	
	06MOD-0060		For Custom Deluxe Grade, Add	54.69	
	06MOD-0061		For Custom Built In Place, Add	36.38	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0131	EA 48" x 24" Wall Cabinet	188.04	29.29
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-45.32	
	06MOD-0055 For Economy Grade, Deduct	-25.90	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-12.95	
	06MOD-0057 For High Grade, Add	12.95	
	06MOD-0058 For Higher Grade, Add	25.90	
	06MOD-0059 For Deluxe Grade, Add	51.79	
	06MOD-0060 For Custom Deluxe Grade, Add	57.65	
	06MOD-0061 For Custom Built In Place, Add	38.23	
06410-0132	EA 24" x 24" Blind Corner Wall Cabinet	122.51	19.96
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-28.92	
	06MOD-0055 For Economy Grade, Deduct	-16.52	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-8.26	
	06MOD-0057 For High Grade, Add	8.26	
	06MOD-0058 For Higher Grade, Add	16.52	
	06MOD-0059 For Deluxe Grade, Add	33.05	
	06MOD-0060 For Custom Deluxe Grade, Add	37.04	
	06MOD-0061 For Custom Built In Place, Add	24.64	
06410-0133	EA 30" x 24" Blind Corner Wall Cabinet	138.19	22.85
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-32.37	
	06MOD-0055 For Economy Grade, Deduct	-18.50	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.25	
	06MOD-0057 For High Grade, Add	9.25	
	06MOD-0058 For Higher Grade, Add	18.50	
	06MOD-0059 For Deluxe Grade, Add	37.00	
	06MOD-0060 For Custom Deluxe Grade, Add	41.57	
	06MOD-0061 For Custom Built In Place, Add	27.69	
06410-0134	EA 36" x 24" Blind Corner Wall Cabinet	151.99	26.07
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-34.96	
	06MOD-0055 For Economy Grade, Deduct	-19.98	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.99	
	06MOD-0057 For High Grade, Add	9.99	
	06MOD-0058 For Higher Grade, Add	19.98	
	06MOD-0059 For Deluxe Grade, Add	39.95	
	06MOD-0060 For Custom Deluxe Grade, Add	45.16	
	06MOD-0061 For Custom Built In Place, Add	30.18	
06410-0135	EA 42" x 24" Blind Corner Wall Cabinet	166.92	27.36
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-39.28	
	06MOD-0055 For Economy Grade, Deduct	-22.44	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-11.22	
	06MOD-0057 For High Grade, Add	11.22	
	06MOD-0058 For Higher Grade, Add	22.44	
	06MOD-0059 For Deluxe Grade, Add	44.89	
	06MOD-0060 For Custom Deluxe Grade, Add	50.36	
	06MOD-0061 For Custom Built In Place, Add	33.53	
06410-0136	EA 48" x 24" Blind Corner Wall Cabinet	188.04	29.29
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-45.32	
	06MOD-0055 For Economy Grade, Deduct	-25.90	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-12.95	
	06MOD-0057 For High Grade, Add	12.95	
	06MOD-0058 For Higher Grade, Add	25.90	
	06MOD-0059 For Deluxe Grade, Add	51.79	
	06MOD-0060 For Custom Deluxe Grade, Add	57.65	
	06MOD-0061 For Custom Built In Place, Add	38.23	
06410-0137	EA 9" x 42" Wall Cabinet	122.53	19.96
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-28.92	
	06MOD-0055 For Economy Grade, Deduct	-16.52	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-8.26	
	06MOD-0057 For High Grade, Add	8.26	
	06MOD-0058 For Higher Grade, Add	16.52	
	06MOD-0059 For Deluxe Grade, Add	33.05	
	06MOD-0060 For Custom Deluxe Grade, Add	37.04	
	06MOD-0061 For Custom Built In Place, Add	24.65	
06410-0138	EA 12" x 42" Wall Cabinet	128.70	19.96
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-31.08	
	06MOD-0055 For Economy Grade, Deduct	-17.76	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-8.88	
	06MOD-0057 For High Grade, Add	8.88	
	06MOD-0058 For Higher Grade, Add	17.76	
	06MOD-0059 For Deluxe Grade, Add	35.52	
	06MOD-0060 For Custom Deluxe Grade, Add	39.51	
	06MOD-0061 For Custom Built In Place, Add	26.19	
06410-0139	EA 15" x 42" Wall Cabinet	136.10	19.96
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-33.67	
	06MOD-0055 For Economy Grade, Deduct	-19.24	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-9.62	
	06MOD-0057 For High Grade, Add	9.62	
	06MOD-0058 For Higher Grade, Add	19.24	
	06MOD-0059 For Deluxe Grade, Add	38.48	
	06MOD-0060 For Custom Deluxe Grade, Add	42.47	
	06MOD-0061 For Custom Built In Place, Add	28.04	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0140	EA		18" x 42" Wall Cabinet	143.49	19.96
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-36.25	
	06MOD-0055		For Economy Grade, Deduct	-20.72	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-10.36	
	06MOD-0057		For High Grade, Add	10.36	
	06MOD-0058		For Higher Grade, Add	20.72	
	06MOD-0059		For Deluxe Grade, Add	41.43	
	06MOD-0060		For Custom Deluxe Grade, Add	45.42	
	06MOD-0061		For Custom Built In Place, Add	29.89	
06410-0141	EA		21" x 42" Wall Cabinet	155.45	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-38.41	
	06MOD-0055		For Economy Grade, Deduct	-21.95	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-10.98	
	06MOD-0057		For High Grade, Add	10.98	
	06MOD-0058		For Higher Grade, Add	21.95	
	06MOD-0059		For Deluxe Grade, Add	43.90	
	06MOD-0060		For Custom Deluxe Grade, Add	48.47	
	06MOD-0061		For Custom Built In Place, Add	32.01	
06410-0142	EA		24" x 42" Wall Cabinet	164.08	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-41.43	
	06MOD-0055		For Economy Grade, Deduct	-23.68	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-11.84	
	06MOD-0057		For High Grade, Add	11.84	
	06MOD-0058		For Higher Grade, Add	23.68	
	06MOD-0059		For Deluxe Grade, Add	47.35	
	06MOD-0060		For Custom Deluxe Grade, Add	51.92	
	06MOD-0061		For Custom Built In Place, Add	34.17	
06410-0143	EA		24" x 42" Wall Cabinet, 2 Doors.....	177.65	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-46.18	
	06MOD-0055		For Economy Grade, Deduct	-26.39	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-13.20	
	06MOD-0057		For High Grade, Add	13.20	
	06MOD-0058		For Higher Grade, Add	26.39	
	06MOD-0059		For Deluxe Grade, Add	52.78	
	06MOD-0060		For Custom Deluxe Grade, Add	57.35	
	06MOD-0061		For Custom Built In Place, Add	37.56	
06410-0144	EA		30" x 42" Wall Cabinet	195.05	24.78
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-50.93	
	06MOD-0055		For Economy Grade, Deduct	-29.10	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-14.55	
	06MOD-0057		For High Grade, Add	14.55	
	06MOD-0058		For Higher Grade, Add	29.10	
	06MOD-0059		For Deluxe Grade, Add	58.20	
	06MOD-0060		For Custom Deluxe Grade, Add	63.16	
	06MOD-0061		For Custom Built In Place, Add	41.33	
06410-0145	EA		33" x 42" Wall Cabinet	206.29	26.07
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-53.95	
	06MOD-0055		For Economy Grade, Deduct	-30.83	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-15.41	
	06MOD-0057		For High Grade, Add	15.41	
	06MOD-0058		For Higher Grade, Add	30.83	
	06MOD-0059		For Deluxe Grade, Add	61.66	
	06MOD-0060		For Custom Deluxe Grade, Add	66.87	
	06MOD-0061		For Custom Built In Place, Add	43.75	
06410-0146	EA		36" x 42" Wall Cabinet	212.58	27.36
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-55.24	
	06MOD-0055		For Economy Grade, Deduct	-31.57	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-15.78	
	06MOD-0057		For High Grade, Add	15.78	
	06MOD-0058		For Higher Grade, Add	31.57	
	06MOD-0059		For Deluxe Grade, Add	63.14	
	06MOD-0060		For Custom Deluxe Grade, Add	68.61	
	06MOD-0061		For Custom Built In Place, Add	44.93	
06410-0147	EA		36" Base Cabinet	235.69	31.54
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-60.42	
	06MOD-0055		For Economy Grade, Deduct	-34.53	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-17.26	
	06MOD-0057		For High Grade, Add	17.26	
	06MOD-0058		For Higher Grade, Add	34.53	
	06MOD-0059		For Deluxe Grade, Add	69.06	
	06MOD-0060		For Custom Deluxe Grade, Add	75.36	
	06MOD-0061		For Custom Built In Place, Add	49.47	
06410-0148	EA		39" Base Cabinet	243.09	31.54
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-63.01	
	06MOD-0055		For Economy Grade, Deduct	-36.01	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-18.00	
	06MOD-0057		For High Grade, Add	18.00	
	06MOD-0058		For Higher Grade, Add	36.01	
	06MOD-0059		For Deluxe Grade, Add	72.02	
	06MOD-0060		For Custom Deluxe Grade, Add	78.32	
	06MOD-0061		For Custom Built In Place, Add	51.32	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0149	EA 42" Base Cabinet.....	254.99	33.79
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-65.60	
	06MOD-0055 For Economy Grade, Deduct	-37.49	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
	06MOD-0057 For High Grade, Add	18.74	
	06MOD-0058 For Higher Grade, Add	37.49	
	06MOD-0059 For Deluxe Grade, Add	74.98	
	06MOD-0060 For Custom Deluxe Grade, Add	81.73	
	06MOD-0061 For Custom Built In Place, Add	53.62	
06410-0150	EA 45" Base Cabinet.....	262.39	33.79
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-68.19	
	06MOD-0055 For Economy Grade, Deduct	-38.97	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.48	
	06MOD-0057 For High Grade, Add	19.48	
	06MOD-0058 For Higher Grade, Add	38.97	
	06MOD-0059 For Deluxe Grade, Add	77.94	
	06MOD-0060 For Custom Deluxe Grade, Add	84.69	
	06MOD-0061 For Custom Built In Place, Add	55.47	
06410-0151	EA 48" Base Cabinet.....	275.04	37.65
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-69.92	
	06MOD-0055 For Economy Grade, Deduct	-39.95	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
	06MOD-0057 For High Grade, Add	19.98	
	06MOD-0058 For Higher Grade, Add	39.95	
	06MOD-0059 For Deluxe Grade, Add	79.91	
	06MOD-0060 For Custom Deluxe Grade, Add	87.44	
	06MOD-0061 For Custom Built In Place, Add	57.47	
06410-0152	EA 12"-4 Drawer Bases Cabinet	196.87	17.06
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-56.97	
	06MOD-0055 For Economy Grade, Deduct	-32.56	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-16.28	
	06MOD-0057 For High Grade, Add	16.28	
	06MOD-0058 For Higher Grade, Add	32.56	
	06MOD-0059 For Deluxe Grade, Add	65.11	
	06MOD-0060 For Custom Deluxe Grade, Add	68.52	
	06MOD-0061 For Custom Built In Place, Add	44.10	
06410-0153	EA 15"-4 Drawer Bases Cabinet	215.00	19.96
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-61.29	
	06MOD-0055 For Economy Grade, Deduct	-35.02	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-17.51	
	06MOD-0057 For High Grade, Add	17.51	
	06MOD-0058 For Higher Grade, Add	35.02	
	06MOD-0059 For Deluxe Grade, Add	70.04	
	06MOD-0060 For Custom Deluxe Grade, Add	74.03	
	06MOD-0061 For Custom Built In Place, Add	47.77	
06410-0154	EA 18"-4 Drawer Bases Cabinet	233.11	22.85
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-65.60	
	06MOD-0055 For Economy Grade, Deduct	-37.49	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
	06MOD-0057 For High Grade, Add	18.74	
	06MOD-0058 For Higher Grade, Add	37.49	
	06MOD-0059 For Deluxe Grade, Add	74.98	
	06MOD-0060 For Custom Deluxe Grade, Add	79.54	
	06MOD-0061 For Custom Built In Place, Add	51.43	
06410-0155	EA 21"-4 Drawer Bases Cabinet	250.59	25.43
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-69.92	
	06MOD-0055 For Economy Grade, Deduct	-39.95	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
	06MOD-0057 For High Grade, Add	19.98	
	06MOD-0058 For Higher Grade, Add	39.95	
	06MOD-0059 For Deluxe Grade, Add	79.91	
	06MOD-0060 For Custom Deluxe Grade, Add	84.99	
	06MOD-0061 For Custom Built In Place, Add	55.02	
06410-0156	EA 24"-4 Drawer Bases Cabinet	251.88	26.07
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-69.92	
	06MOD-0055 For Economy Grade, Deduct	-39.95	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
	06MOD-0057 For High Grade, Add	19.98	
	06MOD-0058 For Higher Grade, Add	39.95	
	06MOD-0059 For Deluxe Grade, Add	79.91	
	06MOD-0060 For Custom Deluxe Grade, Add	85.12	
	06MOD-0061 For Custom Built In Place, Add	55.15	
06410-0157	EA 30"-4 Drawer Bases Cabinet	295.95	29.61
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-82.87	
	06MOD-0055 For Economy Grade, Deduct	-47.35	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-23.68	
	06MOD-0057 For High Grade, Add	23.68	
	06MOD-0058 For Higher Grade, Add	47.35	
	06MOD-0059 For Deluxe Grade, Add	94.70	
	06MOD-0060 For Custom Deluxe Grade, Add	100.62	
	06MOD-0061 For Custom Built In Place, Add	65.11	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0158	EA	33"-4	Drawer Bases Cabinet.....	308.29	29.61
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-87.19	
	06MOD-0055		For Economy Grade, Deduct	-49.82	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-24.91	
	06MOD-0057		For High Grade, Add	24.91	
	06MOD-0058		For Higher Grade, Add	49.82	
	06MOD-0059		For Deluxe Grade, Add	99.64	
	06MOD-0060		For Custom Deluxe Grade, Add	105.56	
	06MOD-0061		For Custom Built In Place, Add	68.19	
06410-0159	EA	36"-4	Drawer Bases Cabinet.....	334.34	31.54
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-94.95	
	06MOD-0055		For Economy Grade, Deduct	-54.26	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-27.13	
	06MOD-0057		For High Grade, Add	27.13	
	06MOD-0058		For Higher Grade, Add	54.26	
	06MOD-0059		For Deluxe Grade, Add	108.52	
	06MOD-0060		For Custom Deluxe Grade, Add	114.82	
	06MOD-0061		For Custom Built In Place, Add	74.13	
06410-0160	EA	12"-3	Drawer Bases Cabinet.....	196.87	17.06
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-56.97	
	06MOD-0055		For Economy Grade, Deduct	-32.56	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-16.28	
	06MOD-0057		For High Grade, Add	16.28	
	06MOD-0058		For Higher Grade, Add	32.56	
	06MOD-0059		For Deluxe Grade, Add	65.11	
	06MOD-0060		For Custom Deluxe Grade, Add	68.52	
	06MOD-0061		For Custom Built In Place, Add	44.10	
06410-0161	EA	15"-3	Drawer Bases Cabinet.....	215.00	19.96
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-61.29	
	06MOD-0055		For Economy Grade, Deduct	-35.02	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-17.51	
	06MOD-0057		For High Grade, Add	17.51	
	06MOD-0058		For Higher Grade, Add	35.02	
	06MOD-0059		For Deluxe Grade, Add	70.04	
	06MOD-0060		For Custom Deluxe Grade, Add	74.03	
	06MOD-0061		For Custom Built In Place, Add	47.77	
06410-0162	EA	18"-3	Drawer Bases Cabinet.....	233.10	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-65.60	
	06MOD-0055		For Economy Grade, Deduct	-37.49	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
	06MOD-0057		For High Grade, Add	18.74	
	06MOD-0058		For Higher Grade, Add	37.49	
	06MOD-0059		For Deluxe Grade, Add	74.98	
	06MOD-0060		For Custom Deluxe Grade, Add	79.54	
	06MOD-0061		For Custom Built In Place, Add	51.43	
06410-0163	EA	21"-3	Drawer Bases Cabinet.....	250.60	25.43
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-69.92	
	06MOD-0055		For Economy Grade, Deduct	-39.95	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
	06MOD-0057		For High Grade, Add	19.98	
	06MOD-0058		For Higher Grade, Add	39.95	
	06MOD-0059		For Deluxe Grade, Add	79.91	
	06MOD-0060		For Custom Deluxe Grade, Add	84.99	
	06MOD-0061		For Custom Built In Place, Add	55.03	
06410-0164	EA	24"-3	Drawer Bases Cabinet.....	251.88	26.07
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-69.92	
	06MOD-0055		For Economy Grade, Deduct	-39.95	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
	06MOD-0057		For High Grade, Add	19.98	
	06MOD-0058		For Higher Grade, Add	39.95	
	06MOD-0059		For Deluxe Grade, Add	79.91	
	06MOD-0060		For Custom Deluxe Grade, Add	85.12	
	06MOD-0061		For Custom Built In Place, Add	55.15	
06410-0165	EA	30"-3	Drawer Bases Cabinet.....	295.97	29.61
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-82.87	
	06MOD-0055		For Economy Grade, Deduct	-47.35	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-23.68	
	06MOD-0057		For High Grade, Add	23.68	
	06MOD-0058		For Higher Grade, Add	47.35	
	06MOD-0059		For Deluxe Grade, Add	94.70	
	06MOD-0060		For Custom Deluxe Grade, Add	100.63	
	06MOD-0061		For Custom Built In Place, Add	65.11	
06410-0166	EA	33"-3	Drawer Bases Cabinet.....	308.31	29.61
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-87.19	
	06MOD-0055		For Economy Grade, Deduct	-49.82	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-24.91	
	06MOD-0057		For High Grade, Add	24.91	
	06MOD-0058		For Higher Grade, Add	49.82	
	06MOD-0059		For Deluxe Grade, Add	99.64	
	06MOD-0060		For Custom Deluxe Grade, Add	105.56	
	06MOD-0061		For Custom Built In Place, Add	68.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0167	EA	36"-3 Drawer Bases Cabinet	334.35	31.54
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-94.95	
	06MOD-0055	For Economy Grade, Deduct	-54.26	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-27.13	
	06MOD-0057	For High Grade, Add	27.13	
	06MOD-0058	For Higher Grade, Add	54.26	
	06MOD-0059	For Deluxe Grade, Add	108.52	
	06MOD-0060	For Custom Deluxe Grade, Add	114.82	
	06MOD-0061	For Custom Built In Place, Add	74.13	
06410-0168	EA	24" Enclosed Sink Base Cabinet, 1 Door, 1 Drawer With Tamper-Proof Screw Mounted Front Panel.....	165.57	26.07
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-39.71	
	06MOD-0055	For Economy Grade, Deduct	-22.69	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.35	
	06MOD-0057	For High Grade, Add	11.35	
	06MOD-0058	For Higher Grade, Add	22.69	
	06MOD-0059	For Deluxe Grade, Add	45.38	
	06MOD-0060	For Custom Deluxe Grade, Add	50.59	
	06MOD-0061	For Custom Built In Place, Add	33.57	
06410-0169	EA	24" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	168.04	26.07
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-40.57	
	06MOD-0055	For Economy Grade, Deduct	-23.18	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.59	
	06MOD-0057	For High Grade, Add	11.59	
	06MOD-0058	For Higher Grade, Add	23.18	
	06MOD-0059	For Deluxe Grade, Add	46.37	
	06MOD-0060	For Custom Deluxe Grade, Add	51.58	
	06MOD-0061	For Custom Built In Place, Add	34.19	
06410-0170	EA	27" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel.....	173.07	27.36
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-41.43	
	06MOD-0055	For Economy Grade, Deduct	-23.68	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.84	
	06MOD-0057	For High Grade, Add	11.84	
	06MOD-0058	For Higher Grade, Add	23.68	
	06MOD-0059	For Deluxe Grade, Add	47.35	
	06MOD-0060	For Custom Deluxe Grade, Add	52.82	
	06MOD-0061	For Custom Built In Place, Add	35.06	
06410-0171	EA	30" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	182.51	29.61
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-43.16	
	06MOD-0055	For Economy Grade, Deduct	-24.66	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-12.33	
	06MOD-0057	For High Grade, Add	12.33	
	06MOD-0058	For Higher Grade, Add	24.66	
	06MOD-0059	For Deluxe Grade, Add	49.32	
	06MOD-0060	For Custom Deluxe Grade, Add	55.24	
	06MOD-0061	For Custom Built In Place, Add	36.75	
06410-0172	EA	33" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	187.45	29.61
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-44.89	
	06MOD-0055	For Economy Grade, Deduct	-25.65	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-12.83	
	06MOD-0057	For High Grade, Add	12.83	
	06MOD-0058	For Higher Grade, Add	25.65	
	06MOD-0059	For Deluxe Grade, Add	51.30	
	06MOD-0060	For Custom Deluxe Grade, Add	57.22	
	06MOD-0061	For Custom Built In Place, Add	37.98	
06410-0173	EA	36" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	196.24	31.54
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-46.61	
	06MOD-0055	For Economy Grade, Deduct	-26.64	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-13.32	
	06MOD-0057	For High Grade, Add	13.32	
	06MOD-0058	For Higher Grade, Add	26.64	
	06MOD-0059	For Deluxe Grade, Add	53.27	
	06MOD-0060	For Custom Deluxe Grade, Add	59.58	
	06MOD-0061	For Custom Built In Place, Add	39.60	
06410-0174	EA	39" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	203.64	31.54
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-49.20	
	06MOD-0055	For Economy Grade, Deduct	-28.12	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-14.06	
	06MOD-0057	For High Grade, Add	14.06	
	06MOD-0058	For Higher Grade, Add	28.12	
	06MOD-0059	For Deluxe Grade, Add	56.23	
	06MOD-0060	For Custom Deluxe Grade, Add	62.54	
	06MOD-0061	For Custom Built In Place, Add	41.45	
06410-0175	EA	42" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	215.54	33.79
	06MOD-0054	For Plastic Laminate On Particle Board, Deduct	-51.79	
	06MOD-0055	For Economy Grade, Deduct	-29.60	
	06MOD-0056	For Premium Grade Plywood With Plastic Laminate, Deduct	-14.80	
	06MOD-0057	For High Grade, Add	14.80	
	06MOD-0058	For Higher Grade, Add	29.60	
	06MOD-0059	For Deluxe Grade, Add	59.19	
	06MOD-0060	For Custom Deluxe Grade, Add	65.95	
	06MOD-0061	For Custom Built In Place, Add	43.75	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0176	EA	45"	Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	222.94	33.79
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-54.38	
	06MOD-0055		For Economy Grade, Deduct	-31.08	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-15.54	
	06MOD-0057		For High Grade, Add	15.54	
	06MOD-0058		For Higher Grade, Add	31.08	
	06MOD-0059		For Deluxe Grade, Add	62.15	
	06MOD-0060		For Custom Deluxe Grade, Add	68.91	
	06MOD-0061		For Custom Built In Place, Add	45.60	
06410-0177	EA	48"	Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	238.06	37.65
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-56.97	
	06MOD-0055		For Economy Grade, Deduct	-32.56	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-16.28	
	06MOD-0057		For High Grade, Add	16.28	
	06MOD-0058		For Higher Grade, Add	32.56	
	06MOD-0059		For Deluxe Grade, Add	65.11	
	06MOD-0060		For Custom Deluxe Grade, Add	72.64	
	06MOD-0061		For Custom Built In Place, Add	48.22	
06410-0178	EA	12"	Base Cabinet (Full Height Doors)	132.74	17.06
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-34.53	
	06MOD-0055		For Economy Grade, Deduct	-19.73	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-9.87	
	06MOD-0057		For High Grade, Add	9.87	
	06MOD-0058		For Higher Grade, Add	19.73	
	06MOD-0059		For Deluxe Grade, Add	39.46	
	06MOD-0060		For Custom Deluxe Grade, Add	42.87	
	06MOD-0061		For Custom Built In Place, Add	28.07	
06410-0179	EA	15"	Base Cabinet (Full Height Doors)	147.19	19.96
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-37.55	
	06MOD-0055		For Economy Grade, Deduct	-21.46	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-10.73	
	06MOD-0057		For High Grade, Add	10.73	
	06MOD-0058		For Higher Grade, Add	21.46	
	06MOD-0059		For Deluxe Grade, Add	42.91	
	06MOD-0060		For Custom Deluxe Grade, Add	46.90	
	06MOD-0061		For Custom Built In Place, Add	30.81	
06410-0180	EA	18"	Base Cabinet (Full Height Doors)	157.92	22.85
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-39.28	
	06MOD-0055		For Economy Grade, Deduct	-22.44	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-11.22	
	06MOD-0057		For High Grade, Add	11.22	
	06MOD-0058		For Higher Grade, Add	22.44	
	06MOD-0059		For Deluxe Grade, Add	44.89	
	06MOD-0060		For Custom Deluxe Grade, Add	49.46	
	06MOD-0061		For Custom Built In Place, Add	32.63	
06410-0181	EA	21"	Base Cabinet (Full Height Doors)	171.72	25.43
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-42.30	
	06MOD-0055		For Economy Grade, Deduct	-24.17	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-12.09	
	06MOD-0057		For High Grade, Add	12.09	
	06MOD-0058		For Higher Grade, Add	24.17	
	06MOD-0059		For Deluxe Grade, Add	48.34	
	06MOD-0060		For Custom Deluxe Grade, Add	53.43	
	06MOD-0061		For Custom Built In Place, Add	35.30	
06410-0182	EA	24"	Base Cabinet (Full Height Doors)	182.86	26.07
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-45.75	
	06MOD-0055		For Economy Grade, Deduct	-26.14	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-13.07	
	06MOD-0057		For High Grade, Add	13.07	
	06MOD-0058		For Higher Grade, Add	26.14	
	06MOD-0059		For Deluxe Grade, Add	52.28	
	06MOD-0060		For Custom Deluxe Grade, Add	57.50	
	06MOD-0061		For Custom Built In Place, Add	37.89	
06410-0183	EA	24"	Base Cabinet, 2 Doors (Full Height Doors)	192.73	26.07
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-49.20	
	06MOD-0055		For Economy Grade, Deduct	-28.12	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-14.06	
	06MOD-0057		For High Grade, Add	14.06	
	06MOD-0058		For Higher Grade, Add	28.12	
	06MOD-0059		For Deluxe Grade, Add	56.23	
	06MOD-0060		For Custom Deluxe Grade, Add	61.45	
	06MOD-0061		For Custom Built In Place, Add	40.36	
06410-0184	EA	27"	Base Cabinet (Full Height Doors)	205.14	27.36
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-52.65	
	06MOD-0055		For Economy Grade, Deduct	-30.09	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-15.04	
	06MOD-0057		For High Grade, Add	15.04	
	06MOD-0058		For Higher Grade, Add	30.09	
	06MOD-0059		For Deluxe Grade, Add	60.18	
	06MOD-0060		For Custom Deluxe Grade, Add	65.65	
	06MOD-0061		For Custom Built In Place, Add	43.08	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0185	EA 30" Base Cabinet (Full Height Doors).....	217.05	29.61
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-55.24	
	06MOD-0055 For Economy Grade, Deduct	-31.57	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-15.78	
	06MOD-0057 For High Grade, Add	15.78	
	06MOD-0058 For Higher Grade, Add	31.57	
	06MOD-0059 For Deluxe Grade, Add	63.14	
	06MOD-0060 For Custom Deluxe Grade, Add	69.06	
	06MOD-0061 For Custom Built In Place, Add	45.38	
06410-0186	EA 33" Base Cabinet (Full Height Doors).....	224.45	29.61
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-57.83	
	06MOD-0055 For Economy Grade, Deduct	-33.05	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-16.52	
	06MOD-0057 For High Grade, Add	16.52	
	06MOD-0058 For Higher Grade, Add	33.05	
	06MOD-0059 For Deluxe Grade, Add	66.10	
	06MOD-0060 For Custom Deluxe Grade, Add	72.02	
	06MOD-0061 For Custom Built In Place, Add	47.23	
06410-0187	EA 36" Base Cabinet (Full Height Doors).....	235.70	31.54
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-60.42	
	06MOD-0055 For Economy Grade, Deduct	-34.53	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-17.26	
	06MOD-0057 For High Grade, Add	17.26	
	06MOD-0058 For Higher Grade, Add	34.53	
	06MOD-0059 For Deluxe Grade, Add	69.06	
	06MOD-0060 For Custom Deluxe Grade, Add	75.36	
	06MOD-0061 For Custom Built In Place, Add	49.47	
06410-0188	EA 39" Base Cabinet (Full Height Doors).....	243.10	31.54
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-63.01	
	06MOD-0055 For Economy Grade, Deduct	-36.01	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.00	
	06MOD-0057 For High Grade, Add	18.00	
	06MOD-0058 For Higher Grade, Add	36.01	
	06MOD-0059 For Deluxe Grade, Add	72.02	
	06MOD-0060 For Custom Deluxe Grade, Add	78.32	
	06MOD-0061 For Custom Built In Place, Add	51.32	
06410-0189	EA 42" Base Cabinet (Full Height Doors).....	255.00	33.79
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-65.60	
	06MOD-0055 For Economy Grade, Deduct	-37.49	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
	06MOD-0057 For High Grade, Add	18.74	
	06MOD-0058 For Higher Grade, Add	37.49	
	06MOD-0059 For Deluxe Grade, Add	74.98	
	06MOD-0060 For Custom Deluxe Grade, Add	81.73	
	06MOD-0061 For Custom Built In Place, Add	53.62	
06410-0190	EA 48" Base Cabinet (Full Height Doors).....	275.04	37.65
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-69.92	
	06MOD-0055 For Economy Grade, Deduct	-39.95	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
	06MOD-0057 For High Grade, Add	19.98	
	06MOD-0058 For Higher Grade, Add	39.95	
	06MOD-0059 For Deluxe Grade, Add	79.91	
	06MOD-0060 For Custom Deluxe Grade, Add	87.44	
	06MOD-0061 For Custom Built In Place, Add	57.47	
06410-0191	EA 27" x 24" x 84" Oven / Microwave Cabinet	424.64	27.36
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-129.48	
	06MOD-0055 For Economy Grade, Deduct	-73.99	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-36.99	
	06MOD-0057 For High Grade, Add	36.99	
	06MOD-0058 For Higher Grade, Add	73.99	
	06MOD-0059 For Deluxe Grade, Add	147.98	
	06MOD-0060 For Custom Deluxe Grade, Add	153.45	
	06MOD-0061 For Custom Built In Place, Add	97.96	
06410-0192	EA 30" x 24" x 84" Oven / Microwave Cabinet	453.82	29.61
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-138.11	
	06MOD-0055 For Economy Grade, Deduct	-78.92	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-39.46	
	06MOD-0057 For High Grade, Add	39.46	
	06MOD-0058 For Higher Grade, Add	78.92	
	06MOD-0059 For Deluxe Grade, Add	157.84	
	06MOD-0060 For Custom Deluxe Grade, Add	163.77	
	06MOD-0061 For Custom Built In Place, Add	104.57	
06410-0193	EA 33" x 24" x 84" Oven / Microwave Cabinet	478.48	29.61
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-146.74	
	06MOD-0055 For Economy Grade, Deduct	-83.85	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-41.93	
	06MOD-0057 For High Grade, Add	41.93	
	06MOD-0058 For Higher Grade, Add	83.85	
	06MOD-0059 For Deluxe Grade, Add	167.71	
	06MOD-0060 For Custom Deluxe Grade, Add	173.63	
	06MOD-0061 For Custom Built In Place, Add	110.74	

06000 Wood And Plastic
06400 Architectural Woodwork
06410 Cabinetwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0194	EA		27" x 24" x 84" Universal Oven Cabinet.....	424.64	27.36
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-129.48	
	06MOD-0055		For Economy Grade, Deduct	-73.99	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-36.99	
	06MOD-0057		For High Grade, Add	36.99	
	06MOD-0058		For Higher Grade, Add	73.99	
	06MOD-0059		For Deluxe Grade, Add	147.98	
	06MOD-0060		For Custom Deluxe Grade, Add	153.45	
	06MOD-0061		For Custom Built In Place, Add	97.96	
06410-0195	EA		30" x 24" x 84" Universal Oven Cabinet.....	453.82	29.61
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-138.11	
	06MOD-0055		For Economy Grade, Deduct	-78.92	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-39.46	
	06MOD-0057		For High Grade, Add	39.46	
	06MOD-0058		For Higher Grade, Add	78.92	
	06MOD-0059		For Deluxe Grade, Add	157.84	
	06MOD-0060		For Custom Deluxe Grade, Add	163.77	
	06MOD-0061		For Custom Built In Place, Add	104.57	
06410-0196	EA		6" x 30" Wall Quarter Circle Shelf.....	74.81	17.06
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-14.24	
	06MOD-0055		For Economy Grade, Deduct	-8.14	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-4.07	
	06MOD-0057		For High Grade, Add	4.07	
	06MOD-0058		For Higher Grade, Add	8.14	
	06MOD-0059		For Deluxe Grade, Add	16.28	
	06MOD-0060		For Custom Deluxe Grade, Add	19.69	
	06MOD-0061		For Custom Built In Place, Add	13.58	
06410-0197	EA		6" x 52" Wall Quarter Circle Shelf.....	88.00	19.96
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-16.83	
	06MOD-0055		For Economy Grade, Deduct	-9.62	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-4.81	
	06MOD-0057		For High Grade, Add	4.81	
	06MOD-0058		For Higher Grade, Add	9.62	
	06MOD-0059		For Deluxe Grade, Add	19.24	
	06MOD-0060		For Custom Deluxe Grade, Add	23.23	
	06MOD-0061		For Custom Built In Place, Add	16.01	
06410-0198	EA		12" x 96", 3/4" Utility Shelf.....	34.32	4.83
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-8.63	
	06MOD-0055		For Economy Grade, Deduct	-4.93	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-2.47	
	06MOD-0057		For High Grade, Add	2.47	
	06MOD-0058		For Higher Grade, Add	4.93	
	06MOD-0059		For Deluxe Grade, Add	9.86	
	06MOD-0060		For Custom Deluxe Grade, Add	10.83	
	06MOD-0061		For Custom Built In Place, Add	7.13	
06410-0199	EA		24" x 96", 3/4" Utility Shelf.....	58.99	4.83
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-17.27	
	06MOD-0055		For Economy Grade, Deduct	-9.87	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-4.93	
	06MOD-0057		For High Grade, Add	4.93	
	06MOD-0058		For Higher Grade, Add	9.87	
	06MOD-0059		For Deluxe Grade, Add	19.73	
	06MOD-0060		For Custom Deluxe Grade, Add	20.70	
	06MOD-0061		For Custom Built In Place, Add	13.30	
06410-0200	EA		9" x 9" Shelf Brace Support.....	27.67	6.44
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-5.18	
	06MOD-0055		For Economy Grade, Deduct	-2.96	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-1.48	
	06MOD-0057		For High Grade, Add	1.48	
	06MOD-0058		For Higher Grade, Add	2.96	
	06MOD-0059		For Deluxe Grade, Add	5.92	
	06MOD-0060		For Custom Deluxe Grade, Add	7.21	
	06MOD-0061		For Custom Built In Place, Add	4.99	
06410-0201	EA		24" Wall Decorator End Panels.....	43.70	6.44
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-10.79	
	06MOD-0055		For Economy Grade, Deduct	-6.17	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-3.08	
	06MOD-0057		For High Grade, Add	3.08	
	06MOD-0058		For Higher Grade, Add	6.17	
	06MOD-0059		For Deluxe Grade, Add	12.33	
	06MOD-0060		For Custom Deluxe Grade, Add	13.62	
	06MOD-0061		For Custom Built In Place, Add	8.99	
06410-0202	EA		30" Wall Decorator End Panels.....	44.99	7.09
	06MOD-0054		For Plastic Laminate On Particle Board, Deduct	-10.79	
	06MOD-0055		For Economy Grade, Deduct	-6.17	
	06MOD-0056		For Premium Grade Plywood With Plastic Laminate, Deduct	-3.08	
	06MOD-0057		For High Grade, Add	3.08	
	06MOD-0058		For Higher Grade, Add	6.17	
	06MOD-0059		For Deluxe Grade, Add	12.33	
	06MOD-0060		For Custom Deluxe Grade, Add	13.75	
	06MOD-0061		For Custom Built In Place, Add	9.12	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06410-0203	EA 42" Wall Decorator End Panels	53.08	8.04
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-12.95	
	06MOD-0055 For Economy Grade, Deduct	-7.40	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-3.70	
	06MOD-0057 For High Grade, Add	3.70	
	06MOD-0058 For Higher Grade, Add	7.40	
	06MOD-0059 For Deluxe Grade, Add	14.80	
	06MOD-0060 For Custom Deluxe Grade, Add	16.41	
	06MOD-0061 For Custom Built In Place, Add	10.86	
06410-0204	EA 36" Scalloped Valance.....	23.97	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-3.89	
	06MOD-0055 For Economy Grade, Deduct	-2.22	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-1.11	
	06MOD-0057 For High Grade, Add	1.11	
	06MOD-0058 For Higher Grade, Add	2.22	
	06MOD-0059 For Deluxe Grade, Add	4.44	
	06MOD-0060 For Custom Deluxe Grade, Add	5.73	
	06MOD-0061 For Custom Built In Place, Add	4.06	
06410-0205	EA 48" Scalloped Valance.....	26.43	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-4.75	
	06MOD-0055 For Economy Grade, Deduct	-2.71	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-1.36	
	06MOD-0057 For High Grade, Add	1.36	
	06MOD-0058 For Higher Grade, Add	2.71	
	06MOD-0059 For Deluxe Grade, Add	5.42	
	06MOD-0060 For Custom Deluxe Grade, Add	6.71	
	06MOD-0061 For Custom Built In Place, Add	4.68	
06410-0206	EA 60" Scalloped Valance.....	32.60	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-6.91	
	06MOD-0055 For Economy Grade, Deduct	-3.95	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-1.97	
	06MOD-0057 For High Grade, Add	1.97	
	06MOD-0058 For Higher Grade, Add	3.95	
	06MOD-0059 For Deluxe Grade, Add	7.89	
	06MOD-0060 For Custom Deluxe Grade, Add	9.18	
	06MOD-0061 For Custom Built In Place, Add	6.22	
06410-0207	EA 72" Scalloped Valance.....	40.00	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-9.50	
	06MOD-0055 For Economy Grade, Deduct	-5.43	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-2.71	
	06MOD-0057 For High Grade, Add	2.71	
	06MOD-0058 For Higher Grade, Add	5.43	
	06MOD-0059 For Deluxe Grade, Add	10.85	
	06MOD-0060 For Custom Deluxe Grade, Add	12.14	
	06MOD-0061 For Custom Built In Place, Add	8.07	
06410-0208	EA 36" Straight Valance	23.97	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-3.89	
	06MOD-0055 For Economy Grade, Deduct	-2.22	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-1.11	
	06MOD-0057 For High Grade, Add	1.11	
	06MOD-0058 For Higher Grade, Add	2.22	
	06MOD-0059 For Deluxe Grade, Add	4.44	
	06MOD-0060 For Custom Deluxe Grade, Add	5.73	
	06MOD-0061 For Custom Built In Place, Add	4.06	
06410-0209	EA 48" Straight Valance	26.43	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-4.75	
	06MOD-0055 For Economy Grade, Deduct	-2.71	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-1.36	
	06MOD-0057 For High Grade, Add	1.36	
	06MOD-0058 For Higher Grade, Add	2.71	
	06MOD-0059 For Deluxe Grade, Add	5.42	
	06MOD-0060 For Custom Deluxe Grade, Add	6.71	
	06MOD-0061 For Custom Built In Place, Add	4.68	
06410-0210	EA 60" Straight Valance	32.60	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-6.91	
	06MOD-0055 For Economy Grade, Deduct	-3.95	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-1.97	
	06MOD-0057 For High Grade, Add	1.97	
	06MOD-0058 For Higher Grade, Add	3.95	
	06MOD-0059 For Deluxe Grade, Add	7.89	
	06MOD-0060 For Custom Deluxe Grade, Add	9.18	
	06MOD-0061 For Custom Built In Place, Add	6.22	
06410-0211	EA 72" Straight Valance	40.00	6.44
	06MOD-0054 For Plastic Laminate On Particle Board, Deduct	-9.50	
	06MOD-0055 For Economy Grade, Deduct	-5.43	
	06MOD-0056 For Premium Grade Plywood With Plastic Laminate, Deduct	-2.71	
	06MOD-0057 For High Grade, Add	2.71	
	06MOD-0058 For Higher Grade, Add	5.43	
	06MOD-0059 For Deluxe Grade, Add	10.85	
	06MOD-0060 For Custom Deluxe Grade, Add	12.14	
	06MOD-0061 For Custom Built In Place, Add	8.07	

06415 Countertops (06400)

06415-0001 Plastic Laminate Countertops (06415)

06415-0002	EA Field Cutout For Sinks And Lavatories	53.65
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06000 Wood And Plastic
06400 Architectural Woodwork
06415 Countertops



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06415-0003	SF		Plastic Laminate Counter Top.....	13.57	3.21
	06MOD-0072		For Square Edge Instead Of Rolled Drip Edge, Add	2.85	
	06MOD-0073		For Solid Laminate Top, Add	1.43	
	06MOD-0074		For Plywood Base Instead Of Particle Board, Add	1.07	
06415-0004	LF		Plastic Laminate Counter Top With Backsplash, Up To 26" Deep.....	29.53	6.44
	06MOD-0072		For Square Edge Instead Of Rolled Drip Edge, Add	5.89	
	06MOD-0073		For Solid Laminate Top, Add	2.94	
	06MOD-0074		For Plywood Base Instead Of Particle Board, Add	2.21	
06415-0005	LF		Plastic Laminated Counter Top Custom Made With Backsplash.....	36.18	9.66
			Note: Up to 26" deep.		
	06MOD-0072		For Square Edge Instead Of Rolled Drip Edge, Add	5.89	
	06MOD-0073		For Solid Laminate Top, Add	2.94	
	06MOD-0074		For Plywood Base Instead Of Particle Board, Add	2.21	
06415-0006	LF		Plastic Laminated Backsplash.....	6.36	3.86
	06MOD-0073		For Solid Laminate Top, Add	0.27	
	06MOD-0074		For Plywood Base Instead Of Particle Board, Add	0.20	
06415-0007	EA		For End Splash.....	27.77	3.86
	06MOD-0074		For Plywood Base Instead Of Particle Board, Add	3.01	
06415-0008			Solid Polyester Countertops (06415)		
06415-0009			Solid Polyester Countertop And Backsplash (06415-0008)		
			Note: May be used for wall applications.		
06415-0010	SF		1/4" Solid Polyester (Corian) Backsplash.....	17.74	4.29
			Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.		
	06MOD-0075		For Solid Color Material (White Or Off White), Deduct	-3.40	
06415-0011	SF		1/2" Solid Polyester (Corian) Countertop.....	35.49	6.44
			Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
	06MOD-0075		For Solid Color Material (White Or Off White), Deduct	-6.80	
	06MOD-0076		For Each LF Of Half Round Edge, Add	8.00	
	06MOD-0077		For Each LF Of Ogee Or Full Round Edge, Add	12.00	
	06MOD-0078		For Each LF Of Machining A Cove At Backsplash, Add	10.00	
	06MOD-0079		For Each Sink, Range Or Vanity Cutout, Add	15.00	
	06MOD-0129		For Up To 1.5 SF Integral Single Basin Sink, Add	431.24	
			Note: Single or double bowl.		
	06MOD-0130		For > 1.5 To 2.5 SF Integral Single Basin Sink, Add	485.14	
			Note: Single or double bowl.		
	06MOD-0131		For > 2.5 To 3 SF Integral Single Basin Sink, Add	539.05	
			Note: Single or double bowl.		
	06MOD-0132		For > 3 SF Integral Single Basin Sink, Add	673.81	
			Note: Single or double bowl.		
	06MOD-0133		For Integral Double Basin Sink, Add	808.58	
06415-0012			Removal And Reinstallation Of Cabinet Or Counters (06415)		
			Note: Includes storage, cleaning and supply materials. Any height or width.		
06415-0013	LF		Remove And Reinstall Wood Base Cabinets.....	49.28	
06415-0014	LF		Remove And Reinstall Wall Cabinets.....	42.84	
06415-0015	LF		Remove And Reinstall Plastic Laminated Countertops.....	10.06	
06420 Paneling (06400)					
			Note: Includes glue for installation		
06420-0001			Hardboard Panels (06420)		
			Note: Excludes furring and trim.		
06420-0002			Tempered Hardboard Panels (06420-0001)		
06420-0003	SF		1/4" Tempered Hardboard Panels.....	3.43	1.17
	06MOD-0083		For Waterproof Glue, Add	0.05	
	06MOD-0084		For Ceiling Installation, Add	0.80	
	06MOD-0086		For Glue Laminated Installation, Add	0.17	
	06MOD-0088		For 1/8" Thick Paneling, Deduct	-0.31	
	06MOD-0089		For 1/2" Thick Paneling, Add	0.74	
	06MOD-0090		For 5/8" Thick Paneling, Add	0.90	
	06MOD-0091		For 3/4" Thick Paneling, Add	1.10	
	06MOD-0092		For Fire Retardant Treatment (Class I), Add	0.61	
06420-0004			Veneer Hardboard Panels (06420-0001)		
06420-0005	SF		1/4" Veneer Paneling (Mapes).....	3.88	1.17
	06MOD-0083		For Waterproof Glue, Add	0.09	
	06MOD-0084		For Ceiling Installation, Add	0.80	
06420-0006			Plywood Unfinished With Trim 1/4" Thick (06420)		
06420-0007			Birch (06420-0006)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06420-0008	SF 1/4" Unfinished Birch Plywood, Natural Faced With Trim	3.23	1.04
	06MOD-0083 For Waterproof Glue, Add	0.06	
	06MOD-0084 For Ceiling Installation, Add	0.70	
	06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.26	
	06MOD-0086 For Glue Laminated Installation, Add	0.16	
	06MOD-0087 For Lumber Core, Add	0.10	
	06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.31	
	06MOD-0089 For 1/2" Thick Paneling, Add	0.76	
	06MOD-0090 For 5/8" Thick Paneling, Add	0.95	
	06MOD-0091 For 3/4" Thick Paneling, Add	1.19	
	06MOD-0092 For Fire Retardant Treatment (Class I), Add	0.70	
06420-0009	Top Grade Plywood Prefinished With Trim 1/4" Thick <small>(06420)</small>		
06420-0010	SF 1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	3.59	1.17
	06MOD-0080 For Flitch Matched Veneer, Add	0.50	
	06MOD-0081 For Second Grade Veneer, Deduct	-0.10	
	06MOD-0082 For Third Grade Veneer, Deduct	-0.15	
	06MOD-0083 For Waterproof Glue, Add	0.07	
	06MOD-0084 For Ceiling Installation, Add	0.78	
	06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.29	
	06MOD-0086 For Glue Laminated Installation, Add	0.18	
	06MOD-0087 For Lumber Core, Add	0.11	
	06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.35	
	06MOD-0089 For 1/2" Thick Paneling, Add	0.85	
	06MOD-0090 For 5/8" Thick Paneling, Add	1.05	
	06MOD-0091 For 3/4" Thick Paneling, Add	1.32	
	06MOD-0092 For Fire Retardant Treatment (Class I), Add	0.78	
06420-0011	SF 1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	4.03	1.17
	06MOD-0080 For Flitch Matched Veneer, Add	0.72	
	06MOD-0081 For Second Grade Veneer, Deduct	-0.14	
	06MOD-0082 For Third Grade Veneer, Deduct	-0.21	
	06MOD-0083 For Waterproof Glue, Add	0.10	
	06MOD-0084 For Ceiling Installation, Add	0.78	
	06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.29	
	06MOD-0086 For Glue Laminated Installation, Add	0.20	
	06MOD-0087 For Lumber Core, Add	0.16	
	06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.42	
	06MOD-0089 For 1/2" Thick Paneling, Add	1.08	
	06MOD-0090 For 5/8" Thick Paneling, Add	1.38	
	06MOD-0091 For 3/4" Thick Paneling, Add	1.77	
	06MOD-0092 For Fire Retardant Treatment (Class I), Add	1.13	
06420-0012	SF 1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	5.41	1.17
	06MOD-0080 For Flitch Matched Veneer, Add	1.24	
	06MOD-0081 For Second Grade Veneer, Deduct	-0.25	
	06MOD-0082 For Third Grade Veneer, Deduct	-0.37	
	06MOD-0083 For Waterproof Glue, Add	0.17	
	06MOD-0084 For Ceiling Installation, Add	0.88	
	06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.32	
	06MOD-0086 For Glue Laminated Installation, Add	0.27	
	06MOD-0087 For Lumber Core, Add	0.27	
	06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.62	
	06MOD-0089 For 1/2" Thick Paneling, Add	1.69	
	06MOD-0090 For 5/8" Thick Paneling, Add	2.21	
	06MOD-0091 For 3/4" Thick Paneling, Add	2.88	
	06MOD-0092 For Fire Retardant Treatment (Class I), Add	1.96	
06420-0013	SF 1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	3.70	1.17
	06MOD-0080 For Flitch Matched Veneer, Add	0.55	
	06MOD-0081 For Second Grade Veneer, Deduct	-0.11	
	06MOD-0082 For Third Grade Veneer, Deduct	-0.17	
	06MOD-0083 For Waterproof Glue, Add	0.08	
	06MOD-0084 For Ceiling Installation, Add	0.78	
	06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.29	
	06MOD-0086 For Glue Laminated Installation, Add	0.19	
	06MOD-0087 For Lumber Core, Add	0.12	
	06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.37	
	06MOD-0089 For 1/2" Thick Paneling, Add	0.91	
	06MOD-0090 For 5/8" Thick Paneling, Add	1.14	
	06MOD-0091 For 3/4" Thick Paneling, Add	1.43	
	06MOD-0092 For Fire Retardant Treatment (Class I), Add	0.87	
06420-0014	SF 1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	4.71	1.17
	06MOD-0080 For Flitch Matched Veneer, Add	1.06	
	06MOD-0081 For Second Grade Veneer, Deduct	-0.21	
	06MOD-0082 For Third Grade Veneer, Deduct	-0.32	
	06MOD-0083 For Waterproof Glue, Add	0.15	
	06MOD-0084 For Ceiling Installation, Add	0.78	
	06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.29	
	06MOD-0086 For Glue Laminated Installation, Add	0.24	
	06MOD-0087 For Lumber Core, Add	0.23	
	06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.53	
	06MOD-0089 For 1/2" Thick Paneling, Add	1.45	
	06MOD-0090 For 5/8" Thick Paneling, Add	1.89	
	06MOD-0091 For 3/4" Thick Paneling, Add	2.46	
	06MOD-0092 For Fire Retardant Treatment (Class I), Add	1.67	

06000 Wood And Plastic
06400 Architectural Woodwork
06420 Paneling



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06420-0015 SF 1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim.....	3.72	1.17
06MOD-0080 For Fitch Matched Veneer, Add	0.56	
06MOD-0081 For Second Grade Veneer, Deduct	-0.11	
06MOD-0082 For Third Grade Veneer, Deduct	-0.17	
06MOD-0083 For Waterproof Glue, Add	0.08	
06MOD-0084 For Ceiling Installation, Add	0.78	
06MOD-0085 For Installation On Metal Studs Or Furring, Add	0.29	
06MOD-0086 For Glue Laminated Installation, Add	0.19	
06MOD-0087 For Lumber Core, Add	0.12	
06MOD-0088 For 1/8" Thick Paneling, Deduct	-0.37	
06MOD-0089 For 1/2" Thick Paneling, Add	0.92	
06MOD-0090 For 5/8" Thick Paneling, Add	1.15	
06MOD-0091 For 3/4" Thick Paneling, Add	1.45	
06MOD-0092 For Fire Retardant Treatment (Class I), Add	0.88	
06420-0016 Solid Wood Paneling (06420)		
06420-0017 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06420-0016)		
06420-0018 SF Homestead Cedar Paneling Tongue And Groove, 7/16".....	6.50	1.35
06420-0019 SF Homestead Juniper Paneling Tongue And Groove, 7/16".....	6.87	1.35
06420-0020 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06420-0016)		
06420-0021 SF 8" Random Plank Tongue And Groove, 7/16".....	8.34	1.29
06420-0022 SF 8" Solid Plank Tongue And Groove, 7/16".....	7.70	1.29
06420-0023 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06420-0016)		
06420-0024 SF Alder Wood Tongue And Groove Paneling, 1/2".....	7.61	1.35
06420-0025 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06420-0016)		
06420-0026 SF 1" Teredo (Driftwood) Wood Shiplap.....	4.80	1.16
06420-0027 Plastic Laminate (06420)		
Note: Standard colors and patterns		
06420-0028 SF 1/16" Plastic Laminate.....	6.20	2.26
Note: Includes cutting to fit.		
06420-0029 Accessories (06420)		
06420-0030 EA Aluminum Panel Retainer "J" With Bolt.....	14.02	
06440 Ornamental Items (06440)		
06440-0001 Columns (06440)		
06440-0002 Colonial Columns, Round Tapered With Cap And Base (06440-0001)		
Note: Paint grade/finger jointed pine		
06440-0003 LF 6" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	40.24	5.00
06440-0004 LF 8" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	50.92	7.31
06440-0005 LF 10" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	62.03	8.46
06440-0006 LF 12" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	73.56	8.85
06440-0007 LF 14" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	159.18	10.00
06440-0008 LF 16" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	184.42	10.78
06440-0009 LF 18" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	221.22	11.54
06440-0010 LF 20" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	263.32	12.31
06440-0011 LF 6" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	45.91	5.00
06440-0012 LF 8" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	55.47	7.31
06440-0013 LF 10" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	68.31	8.46
06440-0014 LF 12" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	80.27	8.85
06440-0015 LF 14" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	172.80	10.00
06440-0016 LF 16" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	233.31	10.78
06440-0017 LF 18" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	251.50	11.54
06440-0018 LF 20" Diameter Fluted Column, Colonial Columns, Round Tapered With Cap And Base.....	282.78	12.31
06440-0019 Colonial Columns, Round Non Tapered With Cap And Base (06440-0001)		
Note: Paint grade/finger jointed pine		
06440-0020 LF 6" Diameter Plain Column, Colonial Columns, Round Tapered With Cap And Base.....	47.86	5.00
06440-0021 LF 8" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	59.58	7.31
06440-0022 LF 10" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	73.28	8.46
06440-0023 LF 12" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	87.62	8.85
06440-0024 LF 14" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	194.46	10.00
06440-0025 LF 16" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	225.74	10.78
06440-0026 LF 18" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	271.47	11.54
06440-0027 LF 20" Diameter Plain Column, Colonial Columns, Round Non Tapered With Cap And Base.....	323.84	12.31
06440-0028 LF 6" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base.....	54.95	5.00
06440-0029 LF 8" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base.....	65.78	7.31



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06440-0030 LF 10" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base	81.42	8.46
06440-0031 LF 12" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base	96.23	8.85
06440-0032 LF 14" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base	211.52	10.00
06440-0033 LF 16" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base	287.02	10.78
06440-0034 LF 18" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base	309.43	11.54
06440-0035 LF 20" Diameter Fluted Column, Colonial Columns, Round Non Tapered With Cap And Base	348.26	12.31
06440-0036 Classical Columns, Round Tapered With Cap And Base (06440-0001)		
Note: Paint grade/finger jointed pine		
06440-0037 LF 6" Diameter Plain Column, Classical Columns, Round Tapered With Cap And Base	42.94	5.00
06440-0038 LF 8" Diameter Plain Column, Classical Columns, Round Tapered With Cap And Base	79.48	7.31
06440-0039 LF 10" Diameter Plain Column, Classical Columns, Round Tapered With Cap And Base	66.11	8.46
06440-0040 LF 12" Diameter Plain Column, Classical Columns, Round Tapered With Cap And Base	78.60	8.85
06440-0041 LF 6" Diameter Fluted Column, Classical Columns, Round Tapered With Cap And Base	49.11	5.00
06440-0042 LF 8" Diameter Fluted Column, Classical Columns, Round Tapered With Cap And Base	59.11	7.31
06440-0043 LF 10" Diameter Fluted Column, Classical Columns, Round Tapered With Cap And Base	72.95	8.46
06440-0044 LF 12" Diameter Fluted Column, Classical Columns, Round Tapered With Cap And Base	85.91	8.85
06440-0045 Colonial Columns, Round Tapered With Cap And Base (06440-0001)		
Note: Paint grade/finger jointed redwood		
06440-0046 LF 6" Diameter Plain Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	65.60	5.00
06440-0047 LF 8" Diameter Plain Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	79.48	7.31
06440-0048 LF 10" Diameter Plain Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	98.59	8.46
06440-0049 LF 12" Diameter Plain Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	119.85	8.85
06440-0050 LF 6" Diameter Fluted Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	75.11	5.00
06440-0051 LF 8" Diameter Fluted Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	89.64	7.31
06440-0052 LF 10" Diameter Fluted Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	110.49	8.46
Note: Colonial Columns, Round Tapered With Cap And Base		
06440-0053 LF 12" Diameter Fluted Column, Redwood, Colonial Columns, Round Tapered With Cap And Base	135.42	8.85
Note: Colonial Columns, Round Tapered With Cap And Base		
06440-0054 Ornamental Or Decorative Cap And Bases, Resin (06440-0001)		
Note: For tapered wood columns		
06440-0055 EA 6" Corinthian Capital And Base	202.47	10.38
06440-0056 EA 8" Corinthian Capital And Base	304.28	11.54
06440-0057 EA 10" Corinthian Capital And Base	422.76	13.46
06440-0058 EA 12" Corinthian Capital And Base	539.09	15.39
06440-0059 EA 6" Greek Erectheum Cap And Base	180.84	10.38
06440-0060 EA 8" Greek Erectheum Cap And Base	250.20	11.54
06440-0061 EA 10" Greek Erectheum Cap And Base	310.29	13.46
06440-0062 EA 12" Greek Erectheum Cap And Base	404.98	15.39
06440-0063 EA 6" Roman Ionic Capital And Base	190.26	10.78
06440-0064 EA 8" Roman Ionic Capital And Base	250.20	11.54
06440-0065 EA 10" Roman Ionic Capital And Base	310.29	13.46
06440-0066 EA 12" Roman Ionic Capital And Base	394.17	15.39
06440-0067 EA 6" Scamozzi Capital And Base	192.42	10.78
06440-0068 EA 8" Scamozzi Capital And Base	271.83	11.54
06440-0069 EA 10" Scamozzi Capital And Base	321.10	13.46
06440-0070 EA 12" Scamozzi Capital And Base	439.59	15.39
06440-0071 EA 6" Temple Of Winds Cap And Base	192.42	10.78
06440-0072 EA 8" Temple Of Winds Cap And Base	295.63	11.54
06440-0073 EA 10" Temple Of Winds Cap And Base	390.33	13.46
06440-0074 EA 12" Temple Of Winds Cap And Base	482.85	15.39
06440-0075 Ornamental Or Decorative Cap And Bases, Plaster (06440-0001)		
Note: For tapered wood columns		
06440-0076 EA 6" Corinthian Capital And Base	403.64	10.38
06440-0077 EA 8" Corinthian Capital And Base	453.53	11.54
06440-0078 EA 10" Corinthian Capital And Base	576.34	13.46
06440-0079 EA 12" Corinthian Capital And Base	634.27	15.39
06440-0080 EA 6" Greek Erectheum Cap And Base	269.52	10.38
06440-0081 EA 8" Greek Erectheum Cap And Base	312.93	11.54
06440-0082 EA 10" Greek Erectheum Cap And Base	386.00	13.46
06440-0083 EA 12" Greek Erectheum Cap And Base	485.02	15.39
06440-0084 EA 6" Roman Ionic Capital And Base	259.48	10.78
06440-0085 EA 8" Roman Ionic Capital And Base	338.89	11.54
06440-0086 EA 10" Roman Ionic Capital And Base	409.80	13.46
06440-0087 EA 12" Roman Ionic Capital And Base	485.02	15.39
06440-0088 EA 6" Scamozzi Capital And Base	307.07	10.78
06440-0089 EA 8" Scamozzi Capital And Base	405.95	11.54
06440-0090 EA 10" Scamozzi Capital And Base	457.37	13.46
06440-0091 EA 12" Scamozzi Capital And Base	580.19	15.39
06440-0092 EA 6" Temple Of Winds Cap And Base	259.48	10.78
06440-0093 EA 8" Temple Of Winds Cap And Base	334.56	11.54
06440-0094 EA 10" Temple Of Winds Cap And Base	435.75	13.46
06440-0095 EA 12" Temple Of Winds Cap And Base	556.40	15.39
06440-0096 EA 6" Empire Capital And Base	291.93	10.78

06000 Wood And Plastic
06400 Architectural Woodwork
06440 Ornamental Items



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06440-0097	EA		8" Empire Capital And Base.....	356.19	11.54
06440-0098	EA		10" Empire Capital And Base.....	433.59	13.46
06440-0099	EA		12" Empire Capital And Base.....	485.02	15.39
06450 Standing And Running Trim (06400)					
06450-0001 Chair Rails (06450)					
06450-0002	LF		5/8" x 2-1/2" White Pine Shaped Chair Rail.....	4.68	1.16
			06MOD-0093 For Birch, Add	0.68	
			06MOD-0094 For Mahogany, Oak, Maple Or Walnut, Add	1.21	
			06MOD-0095 For Poplar, Add	0.42	
06450-0003	LF		5/8" x 3-1/2" White Pine Shaped Chair Rail.....	5.75	1.16
			06MOD-0093 For Birch, Add	1.02	
			06MOD-0094 For Mahogany, Oak, Maple Or Walnut, Add	1.69	
			06MOD-0095 For Poplar, Add	0.64	
06450-0004	LF		1/2" x 1-5/8" White Pine Shaped Chair Rail.....	3.49	1.16
			06MOD-0093 For Birch, Add	0.50	
			06MOD-0094 For Mahogany, Oak, Maple Or Walnut, Add	0.89	
			06MOD-0095 For Poplar, Add	0.31	
06450-0005 Wood Cornices (06450)					
06450-0006	LF		1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	3.53	1.16
			06MOD-0096 For Birch, Add	0.35	
			06MOD-0097 For Mahogany, Oak, Maple, Or Walnut, Add	0.69	
			06MOD-0098 For Poplar, Add	0.43	
06450-0007	LF		1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	4.42	1.22
			06MOD-0096 For Birch, Add	0.63	
			06MOD-0097 For Mahogany, Oak, Maple, Or Walnut, Add	1.05	
			06MOD-0098 For Poplar, Add	0.78	
06450-0008	LF		1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	6.11	1.29
			06MOD-0096 For Birch, Add	1.19	
			06MOD-0097 For Mahogany, Oak, Maple, Or Walnut, Add	1.77	
			06MOD-0098 For Poplar, Add	1.49	
06450-0009	LF		1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	7.04	1.29
			06MOD-0096 For Birch, Add	1.48	
			06MOD-0097 For Mahogany, Oak, Maple, Or Walnut, Add	2.15	
			06MOD-0098 For Poplar, Add	1.85	
06450-0010	LF		1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	8.11	1.35
			06MOD-0096 For Birch, Add	1.82	
			06MOD-0097 For Mahogany, Oak, Maple, Or Walnut, Add	2.58	
			06MOD-0098 For Poplar, Add	2.27	
06450-0011	LF		1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	10.40	1.48
			06MOD-0096 For Birch, Add	2.59	
			06MOD-0097 For Mahogany, Oak, Maple, Or Walnut, Add	3.56	
			06MOD-0098 For Poplar, Add	3.24	
06450-0012 Fascia Board (06450)					
06450-0013 Pine Fascia Board (06450-0012)					
06450-0014	LF		1" x 6" Pine Fascia Board.....	3.10	1.29
06450-0015	LF		1" x 8" Pine Fascia Board.....	3.57	1.43
06450-0016	LF		1" x 10" Pine Fascia Board.....	3.87	1.50
06450-0017	LF		1" x 12" Pine Fascia Board.....	4.59	1.68
06450-0018	LF		2" x 6" Pine Fascia Board.....	3.06	1.29
06450-0019	LF		2" x 8" Pine Fascia Board.....	3.51	1.43
06450-0020	LF		2" x 10" Pine Fascia Board.....	3.95	1.50
06450-0021	LF		2" x 12" Pine Fascia Board.....	4.83	1.68
06450-0022	LF		2" x 6" Trim, Exterior, Pine, Resawn Fascia.....	3.74	1.29
06450-0023	LF		2" x 8" Trim, Exterior, Pine, Resawn Fascia.....	4.41	1.43
06450-0024	LF		2" x 10" Trim, Exterior, Pine, Resawn Fascia.....	4.97	1.50
06450-0025	LF		2" x 12" Trim, Exterior, Pine, Resawn Fascia.....	6.33	1.68
06450-0026 Cedar Fascia Board (06450-0012)					
06450-0027	LF		1" x 6" Cedar Fascia Board.....	3.35	1.29
06450-0028	LF		1" x 8" Cedar Fascia Board.....	3.96	1.43
06450-0029	LF		1" x 10" Cedar Fascia Board.....	4.64	1.50
06450-0030	LF		1" x 12" Cedar Fascia Board.....	5.66	1.68
06450-0031 Engineered Wood Fascia Board (06450-0012)					
06450-0032	LF		1" x 6" Engineered Wood Fascia Board.....	2.95	1.29
06450-0033	LF		1" x 8" Engineered Wood Fascia Board.....	3.37	1.43
06450-0034	LF		1" x 12" Engineered Wood Fascia Board.....	4.13	1.68
06450-0035 Fiber Cement Fascia Board (06450-0012)					
06450-0036	LF		5/4" x 3-1/2" Fiber Cement Fascia Board.....	3.55	1.29
06450-0037	LF		5/4" x 5-1/2" Fiber Cement Fascia Board.....	4.42	1.43



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0038	LF	5/4" x 7-1/4" Fiber Cement Fascia Board.....	4.91	1.43
06450-0039	LF	5/4" x 11-1/4" Fiber Cement Fascia Board.....	6.48	1.68
06450-0040		Soffit (06450)		
06450-0041		Sanded Plywood Soffit (06450-0040)		
06450-0042	SF	3/8" Thick, Sanded Plywood Soffit.....	1.79	0.52
06450-0043	SF	1/2" Thick, Sanded Plywood Soffit.....	1.99	0.58
06450-0044	SF	5/8" Thick, Sanded Plywood Soffit.....	2.14	0.58
06450-0045	SF	3/4" Thick, Sanded Plywood Soffit.....	2.48	0.65
06450-0046		MDO Plywood Soffit (06450-0040)		
06450-0047	SF	3/8" Thick, MDO Plywood Soffit.....	2.11	0.52
06450-0048	SF	1/2" Thick, MDO Plywood Soffit.....	2.41	0.58
06450-0049	SF	3/4" Thick, MDO Plywood Soffit.....	3.28	0.65
06450-0050		Fiber Cement Soffit (06450-0040)		
06450-0051	SF	1/4" Thick, Non-Vented Fiber Cement Soffit.....	2.87	0.52
06450-0052	SF	1/4" Thick, Vented Fiber Cement Soffit.....	3.10	0.52
06450-0053		Exterior Ceiling Gypsum Board Soffit (06450-0040)		
06450-0054	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	1.37	0.52
06450-0055	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	1.43	0.52
06450-0056		Handrails (06450)		
06450-0057		Pine, Fir, Interior Grade Or Pressure Treated Exterior Handrails (06450-0056)		
06450-0058	LF	1-1/2" X 1-3/4" Wood Handrail.....	9.65	4.51
		<i>06MOD-0099 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.48	
06450-0059	LF	1-1/2" X 2-1/2" Wood Handrail.....	11.61	4.96
		<i>06MOD-0099 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.63	
06450-0060	LF	Contour Style Wood Rails.....	15.96	4.51
		<i>06MOD-0099 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.07	
06450-0061	LF	1-1/2" Diameter Wood Rail With Brackets.....	9.09	3.21
06450-0062	LF	1-3/4" Diameter Wood Rail With Brackets.....	10.78	3.54
06450-0063	LF	2" Diameter Wood Rail With Brackets.....	14.22	3.86
06450-0064	LF	2-1/2" Diameter Wood Rail With Brackets.....	16.92	4.51
06450-0065		Handrails, Custom Hardwood With Supports (06450-0056)		
06450-0066	LF	1-1/2" x 4-1/2" Oak Custom Hardwood Wall Handrail With Metal Supports At 6" On Center.....	20.77	5.53
		<i>06MOD-0100 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.82	
06450-0067	LF	2" X 8" Red Oak Custom Hardwood Horizontal Handrail With Metal Supports At 6" On Center.....	55.04	5.66
		<i>06MOD-0100 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.91	
06450-0068	LF	2" X 8" Red Oak Custom Hardwood Raking Handrail With Metal Supports At 6" On Center.....	56.60	6.37
		<i>06MOD-0100 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.27	
06450-0069	LF	2" x 9-1/2" Red Oak Custom Hardwood Horizontal Handrail With Metal Supports At 6" On Center.....	75.68	6.37
		<i>06MOD-0100 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.25	
06450-0070	LF	2" X 9-1/2" Red Oak Custom Hardwood Rake Handrail With Metal Supports @ 6" On Center, Metal Balusters.....	77.26	7.09
		<i>06MOD-0100 For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.61	
06450-0071		Base And Shoe Molding (06450)		
06450-0072	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	3.86	0.78
		<i>06MOD-0101 For Clear Birch, Add</i>	0.41	
		<i>06MOD-0102 For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	0.84	
		<i>06MOD-0103 For Stain Grade Material (No Finger Joints), Add</i>	0.23	
		<i>06MOD-0104 For Clear Poplar, Add</i>	0.26	
06450-0073	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	4.69	0.97
		<i>06MOD-0101 For Clear Birch, Add</i>	0.47	
		<i>06MOD-0102 For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	0.99	
		<i>06MOD-0103 For Stain Grade Material (No Finger Joints), Add</i>	0.27	
		<i>06MOD-0104 For Clear Poplar, Add</i>	0.30	
06450-0074	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	5.83	1.10
		<i>06MOD-0101 For Clear Birch, Add</i>	0.73	
		<i>06MOD-0102 For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.38	
		<i>06MOD-0103 For Stain Grade Material (No Finger Joints), Add</i>	0.41	
		<i>06MOD-0104 For Clear Poplar, Add</i>	0.46	
06450-0075	LF	3/4" x 1" Oak Base Shoe.....	3.80	1.22
06450-0076	LF	3/4" x 1" White Pine Base Shoe, Stain Grade.....	3.69	1.22
06450-0077	LF	3/4" x 1" White Pine Base Shoe, Paint Grade.....	3.43	1.22
06450-0078		Custom Molding (06450)		
		Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). Sizes listed are the overall dimensions.		

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0079		Ash <small>(06450-0078)</small>		
06450-0080	LF	3/4" x 1-1/2" Custom Shaped Ash.....	4.43	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0081	LF	3/4" x 2-1/2" Custom Shaped Ash.....	5.58	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0082	LF	3/4" x 3-1/2" Custom Shaped Ash.....	6.74	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0083	LF	3/4" x 4-1/2" Custom Shaped Ash.....	7.90	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0084	LF	3/4" x 5-1/2" Custom Shaped Ash.....	9.12	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0085	LF	3/4" x 6-1/2" Custom Shaped Ash.....	10.34	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0086	LF	3/4" x 7-1/2" Custom Shaped Ash.....	11.49	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0087	LF	3/4" x 8-1/2" Custom Shaped Ash.....	12.65	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0088	LF	3/4" x 9-1/2" Custom Shaped Ash.....	13.78	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0089	LF	3/4" x 10-1/2" Custom Shaped Ash.....	15.02	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0090	LF	3/4" x 11-1/2" Custom Shaped Ash.....	16.20	0.97
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0091	LF	1" x 1-1/2" Custom Shaped Ash.....	5.24	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0092	LF	1" x 2-1/2" Custom Shaped Ash.....	6.75	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0093	LF	1" x 3-1/2" Custom Shaped Ash.....	8.27	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0094	LF	1" x 4-1/2" Custom Shaped Ash.....	9.79	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0095	LF	1" x 5-1/2" Custom Shaped Ash.....	11.39	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0096	LF	1" x 6-1/2" Custom Shaped Ash.....	12.99	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0097	LF	1" x 7-1/2" Custom Shaped Ash.....	14.49	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0098	LF	1" x 8-1/2" Custom Shaped Ash.....	16.02	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0099	LF	1" x 9-1/2" Custom Shaped Ash.....	17.52	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0100	LF	1" x 10-1/2" Custom Shaped Ash.....	19.12	0.97
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.73	
06450-0101	LF	1" x 11-1/2" Custom Shaped Ash.....	20.67	0.97
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0102	LF	1-1/4" x 1-1/2" Custom Shaped Ash.....	6.26	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0103	LF	1-1/4" x 2-1/2" Custom Shaped Ash.....	8.26	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0104	LF	1-1/4" x 3-1/2" Custom Shaped Ash.....	10.27	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0105	LF	1-1/4" x 4-1/2" Custom Shaped Ash.....	12.27	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0106	LF	1-1/4" x 5-1/2" Custom Shaped Ash.....	14.35	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0107	LF	1-1/4" x 6-1/2" Custom Shaped Ash.....	16.42	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0108	LF	1-1/4" x 7-1/2" Custom Shaped Ash.....	18.41	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0109	LF	1-1/4" x 8-1/2" Custom Shaped Ash.....	20.43	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0110	LF	1-1/4" x 9-1/2" Custom Shaped Ash.....	22.40	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0111	LF	1-1/4" x 10-1/2" Custom Shaped Ash.....	24.49	0.97
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0112	LF	1-1/4" x 11-1/2" Custom Shaped Ash.....	26.53	1.03
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0113	LF	1-1/2" x 1-1/2" Custom Shaped Ash.....	7.71	0.71
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0114	LF	1-1/2" x 2-1/2" Custom Shaped Ash.....	10.41	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0115	LF	1-1/2" x 3-1/2" Custom Shaped Ash.....	13.11	0.78
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0116	LF	1-1/2" x 4-1/2" Custom Shaped Ash.....	15.81	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0117	LF	1-1/2" x 5-1/2" Custom Shaped Ash.....	18.52	0.84
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0118	LF	1-1/2" x 6-1/2" Custom Shaped Ash.....	21.35	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0119	LF	1-1/2" x 7-1/2" Custom Shaped Ash.....	24.09	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0120	LF	1-1/2" x 8-1/2" Custom Shaped Ash.....	26.76	0.90
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0121	LF	1-1/2" x 9-1/2" Custom Shaped Ash	29.42	0.97
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0122	LF	1-1/2" x 10-1/2" Custom Shaped Ash	32.47	0.97
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0123	LF	1-1/2" x 11-1/2" Custom Shaped Ash	34.94	1.03
		06MOD-0105 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.79	
06450-0124		Basswood <small>(06450-0078)</small>		
06450-0125	LF	3/4" x 1-1/2" Custom Shaped Basswood	3.71	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0126	LF	3/4" x 2-1/2" Custom Shaped Basswood	4.50	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0127	LF	3/4" x 3-1/2" Custom Shaped Basswood	5.29	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0128	LF	3/4" x 4-1/2" Custom Shaped Basswood	6.10	0.78
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0129	LF	3/4" x 5-1/2" Custom Shaped Basswood	6.96	0.78
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0130	LF	3/4" x 6-1/2" Custom Shaped Basswood	7.82	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0131	LF	3/4" x 7-1/2" Custom Shaped Basswood	8.61	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0132	LF	3/4" x 8-1/2" Custom Shaped Basswood	9.41	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0133	LF	3/4" x 9-1/2" Custom Shaped Basswood	10.17	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0134	LF	3/4" x 10-1/2" Custom Shaped Basswood	11.05	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0135	LF	3/4" x 11-1/2" Custom Shaped Basswood	11.87	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0136	LF	1" x 1-1/2" Custom Shaped Basswood	4.21	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0137	LF	1" x 2-1/2" Custom Shaped Basswood	5.21	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0138	LF	1" x 3-1/2" Custom Shaped Basswood	6.21	0.78
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0139	LF	1" x 4-1/2" Custom Shaped Basswood	7.21	0.78
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0140	LF	1" x 5-1/2" Custom Shaped Basswood	8.30	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0141	LF	1" x 6-1/2" Custom Shaped Basswood	9.38	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0142	LF	1" x 7-1/2" Custom Shaped Basswood	10.37	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0143	LF	1" x 8-1/2" Custom Shaped Basswood	11.38	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0144	LF	1" x 9-1/2" Custom Shaped Basswood	12.37	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0145	LF	1" x 10-1/2" Custom Shaped Basswood	13.45	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.73	
06450-0146	LF	1" x 11-1/2" Custom Shaped Basswood	14.49	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0147	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	5.70	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0148	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	7.41	0.71
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0149	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	9.13	0.78
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0150	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	10.85	0.78
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0151	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	12.65	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0152	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	14.44	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0153	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	16.14	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0154	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	17.88	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0155	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	19.57	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0156	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	21.38	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0157	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	23.13	1.03
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0158	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	21.72	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0159	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	26.58	0.84
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.66	
06450-0160	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	31.39	0.90
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0161	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	36.32	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0162	LF	3-1/2" x 7-1/2" Custom Shaped Basswood.....	41.12	0.97
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0163	LF	3-1/2" x 8-1/2" Custom Shaped Basswood.....	46.05	1.03
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0164	LF	3-1/2" x 9-1/2" Custom Shaped Basswood.....	50.79	1.03
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	
06450-0165	LF	3-1/2" x 10-1/2" Custom Shaped Basswood.....	55.60	1.03
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06450-0166	LF	3-1/2" x 11-1/2" Custom Shaped Basswood.....	60.53	1.10
		06MOD-0106 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.84	
06450-0167		Birch <small>(06450-0078)</small>		
06450-0168	LF	3/4" x 1-1/2" Custom Shaped Birch.....	3.97	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0169	LF	3/4" x 2-1/2" Custom Shaped Birch.....	4.89	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0170	LF	3/4" x 3-1/2" Custom Shaped Birch.....	5.81	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0171	LF	3/4" x 4-1/2" Custom Shaped Birch.....	6.74	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0172	LF	3/4" x 5-1/2" Custom Shaped Birch.....	7.73	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0173	LF	3/4" x 6-1/2" Custom Shaped Birch.....	8.72	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0174	LF	3/4" x 7-1/2" Custom Shaped Birch.....	9.64	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0175	LF	3/4" x 8-1/2" Custom Shaped Birch.....	10.57	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0176	LF	3/4" x 9-1/2" Custom Shaped Birch.....	11.46	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0177	LF	3/4" x 10-1/2" Custom Shaped Birch.....	12.47	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0178	LF	3/4" x 11-1/2" Custom Shaped Birch.....	13.42	0.97
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0179	LF	1" x 1-1/2" Custom Shaped Birch.....	4.60	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0180	LF	1" x 2-1/2" Custom Shaped Birch.....	5.77	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0181	LF	1" x 3-1/2" Custom Shaped Birch.....	6.99	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0182	LF	1" x 4-1/2" Custom Shaped Birch.....	8.19	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0183	LF	1" x 5-1/2" Custom Shaped Birch.....	9.46	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0184	LF	1" x 6-1/2" Custom Shaped Birch.....	10.72	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0185	LF	1" x 7-1/2" Custom Shaped Birch.....	11.91	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0186	LF	1" x 8-1/2" Custom Shaped Birch.....	13.14	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0187	LF	1" x 9-1/2" Custom Shaped Birch.....	14.30	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0188	LF	1" x 10-1/2" Custom Shaped Birch.....	15.57	0.97
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.73	
06450-0189	LF	1" x 11-1/2" Custom Shaped Birch.....	16.81	0.97
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0190	LF	1-1/4" x 1-1/2" Custom Shaped Birch.....	5.34	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0191	LF	1-1/4" x 2-1/2" Custom Shaped Birch.....	6.87	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0192	LF	1-1/4" x 3-1/2" Custom Shaped Birch.....	8.41	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0193	LF	1-1/4" x 4-1/2" Custom Shaped Birch.....	9.95	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0194	LF	1-1/4" x 5-1/2" Custom Shaped Birch.....	11.57	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0195	LF	1-1/4" x 6-1/2" Custom Shaped Birch.....	13.17	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0196	LF	1-1/4" x 7-1/2" Custom Shaped Birch.....	14.70	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0197	LF	1-1/4" x 8-1/2" Custom Shaped Birch.....	16.26	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0198	LF	1-1/4" x 9-1/2" Custom Shaped Birch.....	17.77	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0199	LF	1-1/4" x 10-1/2" Custom Shaped Birch.....	19.40	0.97
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0200	LF	1-1/4" x 11-1/2" Custom Shaped Birch.....	20.96	1.03
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0201	LF	1-1/2" x 1-1/2" Custom Shaped Birch.....	6.48	0.71
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0202	LF	1-1/2" x 2-1/2" Custom Shaped Birch.....	8.56	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0203	LF	1-1/2" x 3-1/2" Custom Shaped Birch	10.63	0.78
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0204	LF	1-1/2" x 4-1/2" Custom Shaped Birch	12.72	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0205	LF	1-1/2" x 5-1/2" Custom Shaped Birch	14.81	0.84
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0206	LF	1-1/2" x 6-1/2" Custom Shaped Birch	17.02	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0207	LF	1-1/2" x 7-1/2" Custom Shaped Birch	19.10	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0208	LF	1-1/2" x 8-1/2" Custom Shaped Birch	21.20	0.90
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0209	LF	1-1/2" x 9-1/2" Custom Shaped Birch	23.24	0.97
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0210	LF	1-1/2" x 10-1/2" Custom Shaped Birch	25.67	0.97
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0211	LF	1-1/2" x 11-1/2" Custom Shaped Birch	27.52	1.03
		06MOD-0107 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.79	
06450-0212		Clear Western Cedar (06450-0078)		
06450-0213	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	3.97	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0214	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	4.89	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0215	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	5.81	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0216	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	6.74	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0217	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	7.73	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0218	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	8.72	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0219	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	4.65	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0220	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	5.88	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0221	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	7.12	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0222	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	8.34	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0223	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	9.64	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0224	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	10.95	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0225	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	6.01	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0226	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	7.88	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0227	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	9.75	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0228	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	11.62	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0229	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	13.58	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0230	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	15.52	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0231	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	6.17	0.71
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0232	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	8.09	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0233	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	10.02	0.78
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0234	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	11.95	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0235	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	13.88	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0236	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	15.94	0.90
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0237	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	19.25	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0238	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	23.49	0.84
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.66	
06450-0239	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	27.68	0.90
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0240	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	31.99	0.97
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0241	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	36.17	0.97
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0242	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	40.43	1.03
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0243	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	44.61	1.03
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0244	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	48.80	1.03
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.80	
06450-0245	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	53.11	1.10
		06MOD-0108 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.84	
06450-0246		Cherry <small>(06450-0078)</small>		
06450-0247	LF	3/4" x 1-1/2" Custom Shaped Cherry	4.79	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0248	LF	3/4" x 2-1/2" Custom Shaped Cherry	6.13	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0249	LF	3/4" x 3-1/2" Custom Shaped Cherry	7.46	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0250	LF	3/4" x 4-1/2" Custom Shaped Cherry	8.80	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0251	LF	3/4" x 5-1/2" Custom Shaped Cherry	10.20	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0252	LF	3/4" x 6-1/2" Custom Shaped Cherry	11.60	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0253	LF	3/4" x 7-1/2" Custom Shaped Cherry	12.93	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0254	LF	3/4" x 8-1/2" Custom Shaped Cherry	14.28	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0255	LF	3/4" x 9-1/2" Custom Shaped Cherry	15.58	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0256	LF	3/4" x 10-1/2" Custom Shaped Cherry	17.00	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0257	LF	3/4" x 11-1/2" Custom Shaped Cherry	18.36	0.97
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0258	LF	1" x 1-1/2" Custom Shaped Cherry	5.68	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0259	LF	1" x 2-1/2" Custom Shaped Cherry	7.42	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0260	LF	1" x 3-1/2" Custom Shaped Cherry	9.18	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0261	LF	1" x 4-1/2" Custom Shaped Cherry	10.92	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0262	LF	1" x 5-1/2" Custom Shaped Cherry	12.73	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0263	LF	1" x 6-1/2" Custom Shaped Cherry	14.56	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0264	LF	1" x 7-1/2" Custom Shaped Cherry	16.29	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0265	LF	1" x 8-1/2" Custom Shaped Cherry	18.08	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0266	LF	1" x 9-1/2" Custom Shaped Cherry	19.76	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0267	LF	1" x 10-1/2" Custom Shaped Cherry	21.59	0.97
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.73	
06450-0268	LF	1" x 11-1/2" Custom Shaped Cherry	23.38	0.97
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0269	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	6.65	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0270	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	8.86	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0271	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	11.04	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0272	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	13.25	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0273	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	15.51	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0274	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	17.78	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0275	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	19.96	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0276	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	22.18	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0277	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	24.33	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0278	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	26.63	0.97
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0279	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	28.84	1.03
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0280	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	8.43	0.71
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0281	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	11.49	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0282	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	14.55	0.78
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0283	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	17.62	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0284	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	20.68	0.84
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0285	LF	1-1/2" x 6-1/2" Custom Shaped Cherry.....	23.87	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0286	LF	1-1/2" x 7-1/2" Custom Shaped Cherry.....	26.93	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0287	LF	1-1/2" x 8-1/2" Custom Shaped Cherry.....	30.00	0.90
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0288	LF	1-1/2" x 9-1/2" Custom Shaped Cherry.....	33.02	0.97
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0289	LF	1-1/2" x 10-1/2" Custom Shaped Cherry.....	36.23	0.97
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0290	LF	1-1/2" x 11-1/2" Custom Shaped Cherry.....	39.27	1.03
		06MOD-0109 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.79	
06450-0291 Cypress (06450-0078)				
06450-0292	LF	3/4" x 1-1/2" Custom Shaped Cypress.....	3.71	0.71
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0293	LF	3/4" x 2-1/2" Custom Shaped Cypress.....	4.50	0.71
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0294	LF	3/4" x 3-1/2" Custom Shaped Cypress.....	5.29	0.71
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0295	LF	3/4" x 4-1/2" Custom Shaped Cypress.....	6.10	0.78
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0296	LF	3/4" x 5-1/2" Custom Shaped Cypress.....	6.96	0.78
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0297	LF	3/4" x 6-1/2" Custom Shaped Cypress.....	7.82	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0298	LF	3/4" x 7-1/2" Custom Shaped Cypress.....	8.81	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0299	LF	3/4" x 8-1/2" Custom Shaped Cypress.....	9.64	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0300	LF	3/4" x 9-1/2" Custom Shaped Cypress.....	11.20	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0301	LF	3/4" x 10-1/2" Custom Shaped Cypress.....	12.18	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0302	LF	1" x 1-1/2" Custom Shaped Cypress.....	4.85	0.71
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0303	LF	1" x 2-1/2" Custom Shaped Cypress.....	6.16	0.71
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0304	LF	1" x 3-1/2" Custom Shaped Cypress.....	7.50	0.78
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0305	LF	1" x 4-1/2" Custom Shaped Cypress.....	8.83	0.78
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0306	LF	1" x 5-1/2" Custom Shaped Cypress.....	10.23	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0307	LF	1" x 6-1/2" Custom Shaped Cypress.....	11.62	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0308	LF	1" x 7-1/2" Custom Shaped Cypress.....	12.94	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0309	LF	1" x 8-1/2" Custom Shaped Cypress.....	14.29	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0310	LF	1" x 9-1/2" Custom Shaped Cypress.....	15.59	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0311	LF	1" x 10-1/2" Custom Shaped Cypress.....	17.03	0.97
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.73	
06450-0312	LF	1" x 11-1/2" Custom Shaped Cypress.....	18.35	0.97
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0313	LF	1-1/2" x 1-1/2" Custom Shaped Cypress.....	5.65	0.71
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0314	LF	1-1/2" x 2-1/2" Custom Shaped Cypress.....	7.32	0.78
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0315	LF	1-1/2" x 3-1/2" Custom Shaped Cypress.....	8.99	0.78
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0316	LF	1-1/2" x 4-1/2" Custom Shaped Cypress.....	10.66	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0317	LF	1-1/2" x 5-1/2" Custom Shaped Cypress.....	12.34	0.84
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0318	LF	1-1/2" x 6-1/2" Custom Shaped Cypress.....	14.14	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0319	LF	1-1/2" x 7-1/2" Custom Shaped Cypress.....	15.80	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0320	LF	1-1/2" x 8-1/2" Custom Shaped Cypress.....	17.49	0.90
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0321	LF	1-1/2" x 9-1/2" Custom Shaped Cypress.....	20.66	0.97
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0322	LF	1-1/2" x 10-1/2" Custom Shaped Cypress.....	22.53	0.97
		06MOD-0110 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0323 Fir (06450-0078)				
06450-0324	LF	3/4" x 1-1/2" Custom Shaped Fir.....	4.12	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
06450-0325	LF	3/4" x 2-1/2" Custom Shaped Fir.....	5.12	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0326	LF	3/4" x 3-1/2" Custom Shaped Fir.....	6.12	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0327	LF	3/4" x 4-1/2" Custom Shaped Fir.....	7.13	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0328	LF	3/4" x 5-1/2" Custom Shaped Fir.....	8.19	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0329	LF	3/4" x 6-1/2" Custom Shaped Fir.....	9.26	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.64	
06450-0330	LF	3/4" x 7-1/2" Custom Shaped Fir.....	10.26	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0331	LF	3/4" x 8-1/2" Custom Shaped Fir.....	11.26	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0332	LF	3/4" x 9-1/2" Custom Shaped Fir.....	12.23	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0333	LF	3/4" x 10-1/2" Custom Shaped Fir.....	13.32	0.97
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0334	LF	1" x 1-1/2" Custom Shaped Fir.....	4.85	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.54	
06450-0335	LF	1" x 2-1/2" Custom Shaped Fir.....	6.16	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0336	LF	1" x 3-1/2" Custom Shaped Fir.....	7.50	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0337	LF	1" x 4-1/2" Custom Shaped Fir.....	8.83	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0338	LF	1" x 5-1/2" Custom Shaped Fir.....	10.23	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0339	LF	1" x 6-1/2" Custom Shaped Fir.....	11.62	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0340	LF	1" x 7-1/2" Custom Shaped Fir.....	12.94	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0341	LF	1" x 8-1/2" Custom Shaped Fir.....	14.29	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0342	LF	1" x 9-1/2" Custom Shaped Fir.....	15.59	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0343	LF	1" x 10-1/2" Custom Shaped Fir.....	17.03	0.97
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.73	
06450-0344	LF	1" x 11-1/2" Custom Shaped Fir.....	18.35	0.97
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0345	LF	1-1/4" x 1-1/2" Custom Shaped Fir.....	5.41	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.55	
06450-0346	LF	1-1/4" x 2-1/2" Custom Shaped Fir.....	7.00	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0347	LF	1-1/4" x 3-1/2" Custom Shaped Fir.....	8.57	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0348	LF	1-1/4" x 4-1/2" Custom Shaped Fir.....	10.15	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0349	LF	1-1/4" x 5-1/2" Custom Shaped Fir.....	11.80	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0350	LF	1-1/4" x 6-1/2" Custom Shaped Fir.....	13.46	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0351	LF	1-1/4" x 7-1/2" Custom Shaped Fir.....	15.01	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0352	LF	1-1/4" x 8-1/2" Custom Shaped Fir.....	16.62	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0353	LF	1-1/4" x 9-1/2" Custom Shaped Fir.....	18.15	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0354	LF	1-1/4" x 10-1/2" Custom Shaped Fir.....	19.83	0.97
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0355	LF	1-1/4" x 11-1/2" Custom Shaped Fir.....	21.43	1.03
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0356	LF	1-1/2" x 1-1/2" Custom Shaped Fir.....	6.17	0.71
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0357	LF	1-1/2" x 2-1/2" Custom Shaped Fir.....	8.09	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0358	LF	1-1/2" x 3-1/2" Custom Shaped Fir.....	10.02	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0359	LF	1-1/2" x 4-1/2" Custom Shaped Fir.....	11.95	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0360	LF	1-1/2" x 5-1/2" Custom Shaped Fir.....	13.88	0.84
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0361	LF	1-1/2" x 6-1/2" Custom Shaped Fir.....	15.94	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0362	LF	1-1/2" x 7-1/2" Custom Shaped Fir.....	17.86	0.90
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0363	LF	1-1/2" x 8-1/2" Custom Shaped Fir.....	19.81	0.97
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0364	LF	1-1/2" x 9-1/2" Custom Shaped Fir.....	21.69	0.97
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0365	LF	1-1/2" x 10-1/2" Custom Shaped Fir.....	23.71	1.03
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0366	LF	1-1/2" x 11-1/2" Custom Shaped Fir.....	25.67	1.03
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.79	
06450-0367	LF	2-1/2" x 1-1/2" Custom Shaped Fir.....	10.00	0.78
		06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0368	LF 2-1/2" x 2-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.76 0.61	0.78
06450-0369	LF 2-1/2" x 3-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.54 0.62	0.84
06450-0370	LF 2-1/2" x 4-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.37 0.65	0.84
06450-0371	LF 2-1/2" x 5-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.15 0.67	0.84
06450-0372	LF 2-1/2" x 6-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	29.05 0.71	0.90
06450-0373	LF 2-1/2" x 7-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	32.82 0.72	0.97
06450-0374	LF 2-1/2" x 8-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.71 0.76	0.97
06450-0375	LF 2-1/2" x 9-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	40.43 0.77	1.03
06450-0376	LF 2-1/2" x 10-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.20 0.78	1.03
06450-0377	LF 3-1/2" x 3-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.77 0.64	0.84
06450-0378	LF 3-1/2" x 4-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.58 0.66	0.84
06450-0379	LF 3-1/2" x 5-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	31.39 0.68	0.90
06450-0380	LF 3-1/2" x 6-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.32 0.72	0.97
06450-0381	LF 3-1/2" x 7-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	41.12 0.74	0.97
06450-0382	LF 3-1/2" x 8-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	45.99 0.77	1.03
06450-0383	LF 3-1/2" x 9-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	50.79 0.78	1.03
06450-0384	LF 3-1/2" x 10-1/2" Custom Shaped Fir 06MOD-0111 For Curved Surfaces With A 2'-0" Maximum Radius, Add	55.60 0.80	1.03
06450-0385	Honduran Mahogany (06450-0078)		
06450-0386	LF 3/4" x 1-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	5.10 0.52	0.71
06450-0387	LF 3/4" x 2-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	6.59 0.54	0.71
06450-0388	LF 3/4" x 3-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	8.08 0.55	0.71
06450-0389	LF 3/4" x 4-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.57 0.57	0.78
06450-0390	LF 3/4" x 5-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.13 0.60	0.78
06450-0391	LF 3/4" x 6-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.68 0.64	0.84
06450-0392	LF 3/4" x 7-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	14.17 0.65	0.84
06450-0393	LF 3/4" x 8-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.67 0.67	0.90
06450-0394	LF 3/4" x 9-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.12 0.68	0.90
06450-0395	LF 3/4" x 10-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.70 0.72	0.97
06450-0396	LF 3/4" x 11-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.22 0.74	0.97
06450-0397	LF 1" x 1-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	6.14 0.54	0.71
06450-0398	LF 1" x 2-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	8.09 0.55	0.71
06450-0399	LF 1" x 3-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	10.08 0.57	0.78
06450-0400	LF 1" x 4-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.05 0.59	0.78
06450-0401	LF 1" x 5-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	14.10 0.62	0.84
06450-0402	LF 1" x 6-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.13 0.65	0.84
06450-0403	LF 1" x 7-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.09 0.67	0.90
06450-0404	LF 1" x 8-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.09 0.69	0.90
06450-0405	LF 1" x 9-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	22.02 0.69	0.90
06450-0406	LF 1" x 10-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.06 0.73	0.97
06450-0407	LF 1" x 11-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.34 0.76	0.97
06450-0408	LF 1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	6.96 0.55	0.71

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0409	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	9.32	0.71
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0410	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	11.66	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0411	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	14.02	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0412	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	16.43	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0413	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	18.87	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0414	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	21.19	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0415	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	23.57	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0416	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	25.36	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0417	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	28.33	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0418	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	30.70	1.03
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0419	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	8.54	0.71
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.57	
06450-0420	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	11.65	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0421	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	14.75	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.60	
06450-0422	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	17.87	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0423	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	20.99	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0424	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	24.23	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.68	
06450-0425	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	27.34	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.70	
06450-0426	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	30.47	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0427	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	33.54	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0428	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	36.74	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0429	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	39.93	1.03
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.79	
06450-0430	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	10.11	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.58	
06450-0431	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	13.99	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0432	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	17.83	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.61	
06450-0433	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	21.76	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.63	
06450-0434	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	25.62	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0435	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	29.62	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.69	
06450-0436	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	33.48	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0437	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	37.41	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.74	
06450-0438	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	41.26	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
06450-0439	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	45.14	1.03
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0440	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	49.13	1.10
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.82	
06450-0441	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	12.37	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.59	
06450-0442	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	16.55	0.78
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.61	
06450-0443	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	21.25	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
06450-0444	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	26.01	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.65	
06450-0445	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	30.71	0.84
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.67	
06450-0446	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	35.54	0.90
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.71	
06450-0447	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	40.23	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.72	
06450-0448	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	45.01	0.97
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.76	
06450-0449	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	49.70	1.03
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.77	
06450-0450	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	54.40	1.03
		06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0451 LF 2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	59.23 0.83	1.10
06450-0452 LF 3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	28.73 0.64	0.84
06450-0453 LF 3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	35.34 0.66	0.84
06450-0454 LF 3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	41.90 0.68	0.90
06450-0455 LF 3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	48.57 0.72	0.97
06450-0456 LF 3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	55.12 0.74	0.97
06450-0457 LF 3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	61.75 0.77	1.03
06450-0458 LF 3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	68.30 0.78	1.03
06450-0459 LF 3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	74.86 0.80	1.03
06450-0460 LF 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany 06MOD-0112 For Curved Surfaces With A 2'-0" Maximum Radius, Add	81.54 0.84	1.10
06450-0461 Maple (06450-0078)		
06450-0462 LF 3/4" x 1-1/2" Custom Shaped Maple 06450-0463 LF 3/4" x 2-1/2" Custom Shaped Maple 06450-0464 LF 3/4" x 3-1/2" Custom Shaped Maple 06450-0465 LF 3/4" x 4-1/2" Custom Shaped Maple 06450-0466 LF 3/4" x 5-1/2" Custom Shaped Maple 06450-0467 LF 3/4" x 6-1/2" Custom Shaped Maple 06450-0468 LF 3/4" x 7-1/2" Custom Shaped Maple 06450-0469 LF 3/4" x 8-1/2" Custom Shaped Maple 06450-0470 LF 3/4" x 9-1/2" Custom Shaped Maple 06450-0471 LF 3/4" x 10-1/2" Custom Shaped Maple 06450-0472 LF 3/4" x 11-1/2" Custom Shaped Maple 06450-0473 LF 1" x 1-1/2" Custom Shaped Maple 06450-0474 LF 1" x 2-1/2" Custom Shaped Maple 06450-0475 LF 1" x 3-1/2" Custom Shaped Maple 06450-0476 LF 1" x 4-1/2" Custom Shaped Maple 06450-0477 LF 1" x 5-1/2" Custom Shaped Maple 06450-0478 LF 1" x 6-1/2" Custom Shaped Maple 06450-0479 LF 1" x 7-1/2" Custom Shaped Maple 06450-0480 LF 1" x 8-1/2" Custom Shaped Maple 06450-0481 LF 1" x 9-1/2" Custom Shaped Maple 06450-0482 LF 1" x 10-1/2" Custom Shaped Maple 06450-0483 LF 1" x 11-1/2" Custom Shaped Maple 06450-0484 LF 1-1/4" x 1-1/2" Custom Shaped Maple 06450-0485 LF 1-1/4" x 2-1/2" Custom Shaped Maple 06450-0486 LF 1-1/4" x 3-1/2" Custom Shaped Maple 06450-0487 LF 1-1/4" x 4-1/2" Custom Shaped Maple 06450-0488 LF 1-1/4" x 5-1/2" Custom Shaped Maple 06450-0489 LF 1-1/4" x 6-1/2" Custom Shaped Maple 06450-0490 LF 1-1/4" x 7-1/2" Custom Shaped Maple 06450-0491 LF 1-1/4" x 8-1/2" Custom Shaped Maple 06450-0492 LF 1-1/4" x 9-1/2" Custom Shaped Maple 06450-0493 LF 1-1/4" x 10-1/2" Custom Shaped Maple 06450-0494 LF 1-1/4" x 11-1/2" Custom Shaped Maple 06450-0495 LF 1-1/2" x 1-1/2" Custom Shaped Maple 06450-0496 LF 1-1/2" x 2-1/2" Custom Shaped Maple 06450-0497 LF 1-1/2" x 3-1/2" Custom Shaped Maple 06450-0498 LF 1-1/2" x 4-1/2" Custom Shaped Maple 06450-0499 LF 1-1/2" x 5-1/2" Custom Shaped Maple 06450-0500 LF 1-1/2" x 6-1/2" Custom Shaped Maple 06450-0501 LF 1-1/2" x 7-1/2" Custom Shaped Maple 06450-0502 LF 1-1/2" x 8-1/2" Custom Shaped Maple 06450-0503 LF 1-1/2" x 9-1/2" Custom Shaped Maple 06450-0504 LF 1-1/2" x 10-1/2" Custom Shaped Maple 06450-0505 LF 1-1/2" x 11-1/2" Custom Shaped Maple 06450-0506 LF 2" x 1-1/2" Custom Shaped Maple 06450-0507 LF 2" x 2-1/2" Custom Shaped Maple 06450-0508 LF 2" x 3-1/2" Custom Shaped Maple 06450-0509 LF 2" x 4-1/2" Custom Shaped Maple 06450-0510 LF 2" x 5-1/2" Custom Shaped Maple 06450-0511 LF 2" x 6-1/2" Custom Shaped Maple 06450-0512 LF 2" x 7-1/2" Custom Shaped Maple 06450-0513 LF 2" x 8-1/2" Custom Shaped Maple 06450-0514 LF 2" x 9-1/2" Custom Shaped Maple 06450-0515 LF 2" x 10-1/2" Custom Shaped Maple 06450-0516 LF 2" x 11-1/2" Custom Shaped Maple 06450-0517 LF 3-1/2" x 3-1/2" Custom Shaped Maple 06450-0518 LF 3-1/2" x 4-1/2" Custom Shaped Maple 06450-0519 LF 3-1/2" x 5-1/2" Custom Shaped Maple 06450-0520 LF 3-1/2" x 6-1/2" Custom Shaped Maple	3.92 4.81 5.71 6.61 7.57 8.54 9.43 10.34 11.20 12.18 13.11 14.60 5.77 6.99 8.19 9.46 10.72 11.91 13.14 14.30 15.05 16.81 5.18 6.64 8.10 9.56 11.10 12.63 14.08 15.57 17.00 18.55 20.04 6.37 8.40 10.43 12.47 14.50 16.66 18.69 20.99 22.72 24.90 26.90 8.30 11.28 14.23 17.26 20.21 23.31 26.27 29.30 32.25 35.23 38.57 30.79 37.91 44.99 52.18	0.71 0.71 0.71 0.78 0.78 0.84 0.84 0.84 0.90 0.97 0.97 0.71 0.71 0.78 0.84 0.84 0.90 0.90 0.97 1.03 0.71 0.71 0.78 0.78 0.84 0.84 0.90 0.90 0.97 1.03 0.71 0.78 0.78 0.84 0.84 0.90 0.90 0.97 1.03 0.71 0.78 0.78 0.84 0.84 0.90 0.90 0.97 1.03 1.10 0.84 0.84 0.90 0.90



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0521	LF	3-1/2" x 7-1/2" Custom Shaped Maple.....	59.24	0.97
06450-0522	LF	3-1/2" x 8-1/2" Custom Shaped Maple.....	66.39	1.03
06450-0523	LF	3-1/2" x 9-1/2" Custom Shaped Maple.....	73.45	1.03
06450-0524	LF	3-1/2" x 10-1/2" Custom Shaped Maple.....	80.53	1.03
06450-0525	LF	3-1/2" x 11-1/2" Custom Shaped Maple.....	87.72	1.10
06450-0526 Appl Soft Maple (06450-0078)				
06450-0527	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	3.97	0.71
06450-0528	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	4.89	0.71
06450-0529	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	5.81	0.71
06450-0530	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	6.74	0.78
06450-0531	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	7.73	0.78
06450-0532	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	8.72	0.84
06450-0533	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	9.64	0.84
06450-0534	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	10.57	0.84
06450-0535	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	11.46	0.90
06450-0536	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	12.47	0.97
06450-0537	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	13.42	0.97
06450-0538	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple.....	4.47	0.71
06450-0539	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple.....	5.59	0.71
06450-0540	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple.....	6.73	0.78
06450-0541	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple.....	7.83	0.78
06450-0542	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple.....	9.08	0.84
06450-0543	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple.....	10.28	0.84
06450-0544	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple.....	11.40	0.84
06450-0545	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple.....	12.54	0.90
06450-0546	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple.....	13.66	0.90
06450-0547	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple.....	14.87	0.97
06450-0548	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple.....	16.04	0.97
06450-0549	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	4.95	0.71
06450-0550	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	6.31	0.71
06450-0551	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	7.64	0.78
06450-0552	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	9.00	0.78
06450-0553	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	10.41	0.84
06450-0554	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	11.84	0.84
06450-0555	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	13.16	0.90
06450-0556	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	14.53	0.90
06450-0557	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	15.84	0.90
06450-0558	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	17.28	0.97
06450-0559	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	18.65	1.03
06450-0560	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....	5.86	0.71
06450-0561	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple.....	7.63	0.78
06450-0562	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple.....	9.40	0.78
06450-0563	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple.....	11.18	0.84
06450-0564	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple.....	12.96	0.84
06450-0565	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple.....	14.86	0.90
06450-0566	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple.....	16.63	0.90
06450-0567	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple.....	18.42	0.97
06450-0568	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple.....	20.15	0.97
06450-0569	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple.....	22.02	1.03
06450-0570	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple.....	23.81	1.03
06450-0571 Red Oak (06450-0078)				
06450-0572	LF	3/4" x 1-1/2" Custom Shaped Red Oak.....	4.23	0.71
06450-0573	LF	3/4" x 2-1/2" Custom Shaped Red Oak.....	5.28	0.71
06450-0574	LF	3/4" x 3-1/2" Custom Shaped Red Oak.....	6.32	0.71
06450-0575	LF	3/4" x 4-1/2" Custom Shaped Red Oak.....	7.38	0.78
06450-0576	LF	3/4" x 5-1/2" Custom Shaped Red Oak.....	8.50	0.78
06450-0577	LF	3/4" x 6-1/2" Custom Shaped Red Oak.....	9.62	0.84
06450-0578	LF	3/4" x 7-1/2" Custom Shaped Red Oak.....	10.67	0.84
06450-0579	LF	3/4" x 8-1/2" Custom Shaped Red Oak.....	11.73	0.84
06450-0580	LF	3/4" x 9-1/2" Custom Shaped Red Oak.....	12.75	0.90
06450-0581	LF	3/4" x 10-1/2" Custom Shaped Red Oak.....	13.88	0.97
06450-0582	LF	3/4" x 11-1/2" Custom Shaped Red Oak.....	14.96	0.97
06450-0583	LF	1" x 1-1/2" Custom Shaped Red Oak.....	5.03	0.71
06450-0584	LF	1" x 2-1/2" Custom Shaped Red Oak.....	6.47	0.71
06450-0585	LF	1" x 3-1/2" Custom Shaped Red Oak.....	7.89	0.78
06450-0586	LF	1" x 4-1/2" Custom Shaped Red Oak.....	9.84	0.78
06450-0587	LF	1" x 5-1/2" Custom Shaped Red Oak.....	10.80	0.84
06450-0588	LF	1" x 6-1/2" Custom Shaped Red Oak.....	12.32	0.84
06450-0589	LF	1" x 7-1/2" Custom Shaped Red Oak.....	13.72	0.84
06450-0590	LF	1" x 8-1/2" Custom Shaped Red Oak.....	15.14	0.90
06450-0591	LF	1" x 9-1/2" Custom Shaped Red Oak.....	16.54	0.90
06450-0592	LF	1" x 10-1/2" Custom Shaped Red Oak.....	18.06	0.97
06450-0593	LF	1" x 11-1/2" Custom Shaped Red Oak.....	19.51	0.97
06450-0594	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak.....	6.19	0.71
06450-0595	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak.....	8.16	0.71
06450-0596	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak.....	10.11	0.78
06450-0597	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak.....	12.09	0.78



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0598	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	14.12	0.84
06450-0599	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	16.16	0.84
06450-0600	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	18.10	0.90
06450-0601	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	20.10	0.90
06450-0602	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	22.02	0.90
06450-0603	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	24.08	0.97
06450-0604	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	26.06	1.03
06450-0605	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	8.54	0.71
06450-0606	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	11.65	0.78
06450-0607	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	14.75	0.78
06450-0608	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	17.87	0.78
06450-0609	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	20.99	0.84
06450-0610	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	24.28	0.90
06450-0611	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	27.34	0.90
06450-0612	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	30.98	0.97
06450-0613	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	33.54	0.97
06450-0614	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	36.74	0.97
06450-0615	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	39.88	1.03
06450-0616	LF	2" x 1-1/2" Custom Shaped Red Oak	12.94	0.78
06450-0617	LF	2" x 2-1/2" Custom Shaped Red Oak	18.24	0.78
06450-0618	LF	2" x 3-1/2" Custom Shaped Red Oak	23.50	0.78
06450-0619	LF	2" x 4-1/2" Custom Shaped Red Oak	28.85	0.84
06450-0620	LF	2" x 5-1/2" Custom Shaped Red Oak	34.12	0.84
06450-0621	LF	2" x 6-1/2" Custom Shaped Red Oak	39.53	0.90
06450-0622	LF	2" x 7-1/2" Custom Shaped Red Oak	44.81	0.90
06450-0623	LF	2" x 8-1/2" Custom Shaped Red Oak	50.15	0.97
06450-0624	LF	2" x 9-1/2" Custom Shaped Red Oak	55.43	0.97
06450-0625	LF	2" x 10-1/2" Custom Shaped Red Oak	60.72	1.03
06450-0626	LF	2" x 11-1/2" Custom Shaped Red Oak	66.12	1.10

06450-0627**White Oak** (06450-0078)

06450-0628	LF	3/4" x 1-1/2" Custom Shaped White Oak	4.28	0.71
06450-0629	LF	3/4" x 2-1/2" Custom Shaped White Oak	5.35	0.71
06450-0630	LF	3/4" x 3-1/2" Custom Shaped White Oak	6.43	0.71
06450-0631	LF	3/4" x 4-1/2" Custom Shaped White Oak	7.51	0.78
06450-0632	LF	3/4" x 5-1/2" Custom Shaped White Oak	8.66	0.78
06450-0633	LF	3/4" x 6-1/2" Custom Shaped White Oak	9.80	0.84
06450-0634	LF	3/4" x 7-1/2" Custom Shaped White Oak	10.87	0.84
06450-0635	LF	3/4" x 8-1/2" Custom Shaped White Oak	11.96	0.84
06450-0636	LF	3/4" x 9-1/2" Custom Shaped White Oak	13.00	0.90
06450-0637	LF	3/4" x 10-1/2" Custom Shaped White Oak	14.17	0.97
06450-0638	LF	3/4" x 11-1/2" Custom Shaped White Oak	15.27	0.97
06450-0639	LF	1" x 1-1/2" Custom Shaped White Oak	5.03	0.71
06450-0640	LF	1" x 2-1/2" Custom Shaped White Oak	6.47	0.71
06450-0641	LF	1" x 3-1/2" Custom Shaped White Oak	7.89	0.78
06450-0642	LF	1" x 4-1/2" Custom Shaped White Oak	9.84	0.78
06450-0643	LF	1" x 5-1/2" Custom Shaped White Oak	10.80	0.84
06450-0644	LF	1" x 6-1/2" Custom Shaped White Oak	12.32	0.84
06450-0645	LF	1" x 7-1/2" Custom Shaped White Oak	13.72	0.84
06450-0646	LF	1" x 8-1/2" Custom Shaped White Oak	15.14	0.90
06450-0647	LF	1" x 9-1/2" Custom Shaped White Oak	16.54	0.90
06450-0648	LF	1" x 10-1/2" Custom Shaped White Oak	18.06	0.97
06450-0649	LF	1" x 11-1/2" Custom Shaped White Oak	19.51	0.97
06450-0650	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	6.26	0.71
06450-0651	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	8.26	0.71
06450-0652	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	10.27	0.78
06450-0653	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	12.27	0.78
06450-0654	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	14.35	0.84
06450-0655	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	16.42	0.84
06450-0656	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	18.41	0.90
06450-0657	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	20.43	0.90
06450-0658	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	22.40	0.90
06450-0659	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	24.49	0.97
06450-0660	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	26.53	1.03
06450-0661	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	10.08	0.71
06450-0662	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	13.96	0.78
06450-0663	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	17.84	0.78
06450-0664	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	21.74	0.84
06450-0665	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	25.63	0.84
06450-0666	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	29.64	0.90
06450-0667	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	33.52	0.90
06450-0668	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	37.42	0.97
06450-0669	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	40.75	0.97
06450-0670	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	45.24	1.03
06450-0671	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	49.15	1.03

06450-0672**White Pine** (06450-0078)

06450-0673	LF	3/4" x 1-1/2" Custom Shaped White Pine	4.74	0.71
06450-0674	LF	3/4" x 2-1/2" Custom Shaped White Pine	6.05	0.71

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR TOTAL DIRECT DEMOLITION
 CSI UOM DESCRIPTION UNIT COST UNIT COST

06450-0675	LF	3/4" x 3-1/2" Custom Shaped White Pine	7.35	0.71
06450-0676	LF	3/4" x 4-1/2" Custom Shaped White Pine	8.67	0.78
06450-0677	LF	3/4" x 5-1/2" Custom Shaped White Pine	10.05	0.78
06450-0678	LF	3/4" x 6-1/2" Custom Shaped White Pine	11.42	0.84
06450-0679	LF	3/4" x 7-1/2" Custom Shaped White Pine	12.73	0.84
06450-0680	LF	3/4" x 8-1/2" Custom Shaped White Pine	14.04	0.84
06450-0681	LF	3/4" x 9-1/2" Custom Shaped White Pine	16.09	0.90
06450-0682	LF	3/4" x 10-1/2" Custom Shaped White Pine	17.57	0.97
06450-0683	LF	1" x 1-1/2" Custom Shaped White Pine	5.29	0.71
06450-0684	LF	1" x 2-1/2" Custom Shaped White Pine	6.85	0.71
06450-0685	LF	1" x 3-1/2" Custom Shaped White Pine	8.40	0.78
06450-0686	LF	1" x 4-1/2" Custom Shaped White Pine	9.97	0.78
06450-0687	LF	1" x 5-1/2" Custom Shaped White Pine	11.57	0.84
06450-0688	LF	1" x 6-1/2" Custom Shaped White Pine	13.22	0.84
06450-0689	LF	1" x 7-1/2" Custom Shaped White Pine	14.75	0.84
06450-0690	LF	1" x 8-1/2" Custom Shaped White Pine	16.33	0.90
06450-0691	LF	1" x 9-1/2" Custom Shaped White Pine	17.83	0.90
06450-0692	LF	1" x 10-1/2" Custom Shaped White Pine	19.48	0.97
06450-0693	LF	1" x 11-1/2" Custom Shaped White Pine	21.06	0.97
06450-0694	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	5.95	0.71
06450-0695	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	7.80	0.71
06450-0696	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	9.70	0.78
06450-0697	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	11.49	0.78
06450-0698	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	13.42	0.84
06450-0699	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	15.34	0.84
06450-0700	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	17.17	0.90
06450-0701	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	19.04	0.90
06450-0702	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	20.86	0.90
06450-0703	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	22.79	0.97
06450-0704	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	24.67	1.03
06450-0705	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	7.40	0.71
06450-0706	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	9.95	0.78
06450-0707	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	12.49	0.78
06450-0708	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	15.04	0.84
06450-0709	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	17.59	0.84
06450-0710	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	20.26	0.90
06450-0711	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	22.81	0.90
06450-0712	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	25.37	0.97
06450-0713	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	28.39	0.97
06450-0714	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	30.51	1.03
06450-0715	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	33.09	1.03
06450-0716	LF	2" x 1-1/2" Custom Shaped White Pine	11.27	0.78
06450-0717	LF	2" x 2-1/2" Custom Shaped White Pine	15.71	0.78
06450-0718	LF	2" x 3-1/2" Custom Shaped White Pine	20.15	0.78
06450-0719	LF	2" x 4-1/2" Custom Shaped White Pine	24.65	0.84
06450-0720	LF	2" x 5-1/2" Custom Shaped White Pine	29.10	0.84
06450-0721	LF	2" x 6-1/2" Custom Shaped White Pine	33.66	0.90
06450-0722	LF	2" x 7-1/2" Custom Shaped White Pine	38.11	0.90
06450-0723	LF	2" x 8-1/2" Custom Shaped White Pine	42.61	0.97
06450-0724	LF	2" x 9-1/2" Custom Shaped White Pine	47.06	0.97
06450-0725	LF	2" x 10-1/2" Custom Shaped White Pine	51.50	1.03
06450-0726	LF	2" x 11-1/2" Custom Shaped White Pine	56.08	1.10
06450-0727	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	13.40	0.78
06450-0728	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	18.86	0.78
06450-0729	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	24.34	0.84
06450-0730	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	29.87	0.84
06450-0731	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	35.35	0.84
06450-0732	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	40.94	0.90
06450-0733	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	46.41	0.97
06450-0734	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	51.96	0.97
06450-0735	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	57.43	1.03
06450-0736	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	62.89	1.03
06450-0737	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	68.50	1.10
06450-0738	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	33.67	0.84
06450-0739	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	41.52	0.84
06450-0740	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	49.31	0.90
06450-0741	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	57.23	0.97
06450-0742	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	65.01	0.97
06450-0743	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	72.88	1.03
06450-0744	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	80.66	1.03
06450-0745	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	88.46	1.03
06450-0746	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	96.37	1.10

06450-0747 Clear Yellow Pine (06450-0078)

06450-0748	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	3.30	0.71
06450-0749	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	3.89	0.71
06450-0750	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	4.47	0.71
06450-0751	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	5.07	0.78
06450-0752	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	5.72	0.78
06450-0753	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	6.38	0.84



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0754	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	6.96	0.84
06450-0755	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	7.56	0.84
06450-0756	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	3.75	0.71
06450-0757	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	4.54	0.71
06450-0758	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	5.31	0.78
06450-0759	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	6.10	0.78
06450-0760	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	6.94	0.84
06450-0761	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	7.81	0.84
06450-0762	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	8.82	0.84
06450-0763	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	9.66	0.90
06450-0764	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	4.31	0.71
06450-0765	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	5.31	0.78
06450-0766	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	6.31	0.78
06450-0767	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	7.32	0.84
06450-0768	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	8.32	0.84
06450-0769	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	9.45	0.90
06450-0770	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	10.45	0.90
06450-0771	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	11.46	0.97
06450-0772	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	13.19	0.97
06450-0773	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	13.62	1.03

06450-0774

Poplar (06450-0078)

06450-0775	LF	3/4" x 1-1/2" Custom Shaped Poplar	3.45	0.71
06450-0776	LF	3/4" x 2-1/2" Custom Shaped Poplar	4.12	0.71
06450-0777	LF	3/4" x 3-1/2" Custom Shaped Poplar	4.78	0.71
06450-0778	LF	3/4" x 4-1/2" Custom Shaped Poplar	5.45	0.78
06450-0779	LF	3/4" x 5-1/2" Custom Shaped Poplar	6.18	0.78
06450-0780	LF	3/4" x 6-1/2" Custom Shaped Poplar	6.92	0.84
06450-0781	LF	3/4" x 7-1/2" Custom Shaped Poplar	7.58	0.84
06450-0782	LF	3/4" x 8-1/2" Custom Shaped Poplar	8.25	0.84
06450-0783	LF	3/4" x 9-1/2" Custom Shaped Poplar	8.88	0.90
06450-0784	LF	3/4" x 10-1/2" Custom Shaped Poplar	9.64	0.97
06450-0785	LF	3/4" x 11-1/2" Custom Shaped Poplar	10.38	0.97
06450-0786	LF	1" x 1-1/2" Custom Shaped Poplar	3.95	0.71
06450-0787	LF	1" x 2-1/2" Custom Shaped Poplar	4.82	0.71
06450-0788	LF	1" x 3-1/2" Custom Shaped Poplar	5.70	0.78
06450-0789	LF	1" x 4-1/2" Custom Shaped Poplar	6.57	0.78
06450-0790	LF	1" x 5-1/2" Custom Shaped Poplar	7.53	0.84
06450-0791	LF	1" x 6-1/2" Custom Shaped Poplar	8.48	0.84
06450-0792	LF	1" x 7-1/2" Custom Shaped Poplar	9.34	0.84
06450-0793	LF	1" x 8-1/2" Custom Shaped Poplar	10.23	0.90
06450-0794	LF	1" x 9-1/2" Custom Shaped Poplar	11.08	0.90
06450-0795	LF	1" x 10-1/2" Custom Shaped Poplar	12.04	0.97
06450-0796	LF	1" x 11-1/2" Custom Shaped Poplar	12.95	0.97
06450-0797	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	4.41	0.71
06450-0798	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	5.48	0.71
06450-0799	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	6.56	0.78
06450-0800	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	7.63	0.78
06450-0801	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	8.79	0.84
06450-0802	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	9.93	0.84
06450-0803	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	10.99	0.90
06450-0804	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	12.09	0.90
06450-0805	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	13.13	0.90
06450-0806	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	14.30	0.97
06450-0807	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	15.40	1.03
06450-0808	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	5.45	0.71
06450-0809	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	7.01	0.78
06450-0810	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	8.57	0.78
06450-0811	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	10.15	0.84
06450-0812	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	11.72	0.84
06450-0813	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	13.41	0.90
06450-0814	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	14.98	0.90
06450-0815	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	16.56	0.97
06450-0816	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	18.09	0.97
06450-0817	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	19.75	1.03
06450-0818	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	21.34	1.03
06450-0819	LF	2" x 1-1/2" Custom Shaped Poplar	7.02	0.78
06450-0820	LF	2" x 2-1/2" Custom Shaped Poplar	9.35	0.78
06450-0821	LF	2" x 3-1/2" Custom Shaped Poplar	11.65	0.78
06450-0822	LF	2" x 4-1/2" Custom Shaped Poplar	14.04	0.84
06450-0823	LF	2" x 5-1/2" Custom Shaped Poplar	16.35	0.84
06450-0824	LF	2" x 6-1/2" Custom Shaped Poplar	18.81	0.90
06450-0825	LF	2" x 7-1/2" Custom Shaped Poplar	21.12	0.90
06450-0826	LF	2" x 8-1/2" Custom Shaped Poplar	23.50	0.97
06450-0827	LF	2" x 9-1/2" Custom Shaped Poplar	25.81	0.97
06450-0828	LF	2" x 10-1/2" Custom Shaped Poplar	28.15	1.03
06450-0829	LF	2" x 11-1/2" Custom Shaped Poplar	30.59	1.10
06450-0830	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	8.61	0.78
06450-0831	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	11.68	0.78
06450-0832	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	14.76	0.84

06000 Wood And Plastic
06400 Architectural Woodwork
06450 Standing And Running Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0833	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	17.89	0.84
06450-0834	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	20.98	0.84
06450-0835	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	24.18	0.90
06450-0836	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	27.25	0.97
06450-0837	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	30.41	0.97
06450-0838	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	33.48	1.03
06450-0839	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	36.55	1.03
06450-0840	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	39.76	1.10
06450-0841	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	20.07	0.84
06450-0842	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	24.52	0.84
06450-0843	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	28.92	0.90
06450-0844	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	33.48	0.97
06450-0845	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	37.82	0.97
06450-0846	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	42.29	1.03
06450-0847	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	46.67	1.03
06450-0848	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	51.07	1.03
06450-0849	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	55.58	1.10

06450-0850**Clear Heart Redwood** (06450-0078)

06450-0851	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	4.18	0.71
06450-0852	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	5.20	0.71
06450-0853	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	6.22	0.71
06450-0854	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	7.25	0.78
06450-0855	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	8.35	0.78
06450-0856	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	9.44	0.84
06450-0857	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	11.49	0.84
06450-0858	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	12.65	0.84
06450-0859	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	12.72	0.90
06450-0860	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	13.60	0.97
06450-0861	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	4.98	0.71
06450-0862	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	6.37	0.71
06450-0863	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	7.76	0.78
06450-0864	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	9.14	0.78
06450-0865	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	10.62	0.84
06450-0866	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	12.08	0.84
06450-0867	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	15.26	0.84
06450-0868	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	16.90	0.90
06450-0869	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	18.47	0.90
06450-0870	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	20.18	0.97
06450-0871	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	6.48	0.71
06450-0872	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	8.56	0.78
06450-0873	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	10.63	0.78
06450-0874	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	12.72	0.84
06450-0875	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	14.81	0.84
06450-0876	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	17.07	0.90
06450-0877	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	22.81	0.90
06450-0878	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	25.37	0.97
06450-0879	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	29.93	0.97
06450-0880	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	32.78	1.03
06450-0881	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	31.61	0.84
06450-0882	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	38.94	0.84
06450-0883	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	46.22	0.90
06450-0884	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	53.62	0.97
06450-0885	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	60.89	0.97
06450-0886	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	68.24	1.03
06450-0887	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	75.51	1.03
06450-0888	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	82.79	1.03
06450-0889	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	90.19	1.10

06450-0890**Teak** (06450-0078)

06450-0891	LF	3/4" x 1-1/2" Custom Shaped Teak	11.08	0.71
06450-0892	LF	3/4" x 2-1/2" Custom Shaped Teak	15.55	0.71
06450-0893	LF	3/4" x 3-1/2" Custom Shaped Teak	20.02	0.71
06450-0894	LF	3/4" x 4-1/2" Custom Shaped Teak	24.51	0.78
06450-0895	LF	3/4" x 5-1/2" Custom Shaped Teak	29.05	0.78
06450-0896	LF	3/4" x 6-1/2" Custom Shaped Teak	33.59	0.84
06450-0897	LF	3/4" x 7-1/2" Custom Shaped Teak	38.07	0.84
06450-0898	LF	3/4" x 8-1/2" Custom Shaped Teak	42.55	0.84
06450-0899	LF	3/4" x 9-1/2" Custom Shaped Teak	46.99	0.90
06450-0900	LF	3/4" x 10-1/2" Custom Shaped Teak	51.56	0.97
06450-0901	LF	3/4" x 11-1/2" Custom Shaped Teak	56.06	0.97
06450-0902	LF	1-1/2" x 1-1/2" Custom Shaped Teak	25.22	0.71
06450-0903	LF	1-1/2" x 2-1/2" Custom Shaped Teak	28.95	0.78
06450-0904	LF	1-1/2" x 3-1/2" Custom Shaped Teak	37.83	0.78
06450-0905	LF	1-1/2" x 4-1/2" Custom Shaped Teak	46.71	0.84
06450-0906	LF	1-1/2" x 5-1/2" Custom Shaped Teak	55.60	0.84
06450-0907	LF	1-1/2" x 6-1/2" Custom Shaped Teak	64.35	0.90
06450-0908	LF	1-1/2" x 7-1/2" Custom Shaped Teak	73.48	0.90
06450-0909	LF	1-1/2" x 8-1/2" Custom Shaped Teak	82.38	0.97



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06450-0910 LF 1-1/2" x 9-1/2" Custom Shaped Teak	91.22	0.97
06450-0911 LF 1-1/2" x 10-1/2" Custom Shaped Teak	100.20	1.03
06450-0912 LF 1-1/2" x 11-1/2" Custom Shaped Teak	109.10	1.03
06450-0913 Walnut <small>(06450-0078)</small>		
06450-0914 LF 3/4" x 1-1/2" Custom Shaped Walnut	6.18	0.71
06450-0915 LF 3/4" x 2-1/2" Custom Shaped Walnut	8.21	0.71
06450-0916 LF 3/4" x 3-1/2" Custom Shaped Walnut	10.24	0.71
06450-0917 LF 3/4" x 4-1/2" Custom Shaped Walnut	12.28	0.78
06450-0918 LF 3/4" x 5-1/2" Custom Shaped Walnut	14.37	0.78
06450-0919 LF 3/4" x 6-1/2" Custom Shaped Walnut	16.47	0.84
06450-0920 LF 3/4" x 7-1/2" Custom Shaped Walnut	18.50	0.84
06450-0921 LF 3/4" x 8-1/2" Custom Shaped Walnut	20.53	0.84
06450-0922 LF 3/4" x 9-1/2" Custom Shaped Walnut	22.53	0.90
06450-0923 LF 3/4" x 10-1/2" Custom Shaped Walnut	24.65	0.97
06450-0924 LF 3/4" x 11-1/2" Custom Shaped Walnut	26.70	0.97
06450-0925 LF 1" x 1-1/2" Custom Shaped Walnut	7.35	0.71
06450-0926 LF 1" x 2-1/2" Custom Shaped Walnut	9.94	0.71
06450-0927 LF 1" x 3-1/2" Custom Shaped Walnut	12.52	0.78
06450-0928 LF 1" x 4-1/2" Custom Shaped Walnut	15.12	0.78
06450-0929 LF 1" x 5-1/2" Custom Shaped Walnut	17.75	0.84
06450-0930 LF 1" x 6-1/2" Custom Shaped Walnut	20.43	0.84
06450-0931 LF 1" x 7-1/2" Custom Shaped Walnut	22.99	0.84
06450-0932 LF 1" x 8-1/2" Custom Shaped Walnut	25.60	0.90
06450-0933 LF 1" x 9-1/2" Custom Shaped Walnut	28.13	0.90
06450-0934 LF 1" x 10-1/2" Custom Shaped Walnut	30.81	0.97
06450-0935 LF 1" x 11-1/2" Custom Shaped Walnut	33.42	0.97
06450-0936 LF 1-1/4" x 1-1/2" Custom Shaped Walnut	8.97	0.71
06450-0937 LF 1-1/4" x 2-1/2" Custom Shaped Walnut	12.33	0.71
06450-0938 LF 1-1/4" x 3-1/2" Custom Shaped Walnut	15.67	0.78
06450-0939 LF 1-1/4" x 4-1/2" Custom Shaped Walnut	19.04	0.78
06450-0940 LF 1-1/4" x 5-1/2" Custom Shaped Walnut	22.46	0.84
06450-0941 LF 1-1/4" x 6-1/2" Custom Shaped Walnut	25.90	0.84
06450-0942 LF 1-1/4" x 7-1/2" Custom Shaped Walnut	29.23	0.90
06450-0943 LF 1-1/4" x 8-1/2" Custom Shaped Walnut	32.61	0.90
06450-0944 LF 1-1/4" x 9-1/2" Custom Shaped Walnut	35.92	0.90
06450-0945 LF 1-1/4" x 10-1/2" Custom Shaped Walnut	39.38	0.97
06450-0946 LF 1-1/4" x 11-1/2" Custom Shaped Walnut	42.75	1.03
06450-0947 LF 1-1/2" x 1-1/2" Custom Shaped Walnut	12.04	0.71
06450-0948 LF 1-1/2" x 2-1/2" Custom Shaped Walnut	16.90	0.78
06450-0949 LF 1-1/2" x 3-1/2" Custom Shaped Walnut	21.76	0.78
06450-0950 LF 1-1/2" x 4-1/2" Custom Shaped Walnut	26.63	0.84
06450-0951 LF 1-1/2" x 5-1/2" Custom Shaped Walnut	31.50	0.84
06450-0952 LF 1-1/2" x 6-1/2" Custom Shaped Walnut	36.49	0.90
06450-0953 LF 1-1/2" x 7-1/2" Custom Shaped Walnut	41.35	0.90
06450-0954 LF 1-1/2" x 8-1/2" Custom Shaped Walnut	46.23	0.97
06450-0955 LF 1-1/2" x 9-1/2" Custom Shaped Walnut	51.56	0.97
06450-0956 LF 1-1/2" x 10-1/2" Custom Shaped Walnut	56.01	1.03
06450-0957 LF 1-1/2" x 11-1/2" Custom Shaped Walnut	60.90	1.03
06450-0958 LF 2" x 1-1/2" Custom Shaped Walnut	20.02	0.78
06450-0959 LF 2" x 2-1/2" Custom Shaped Walnut	28.85	0.78
06450-0960 LF 2" x 3-1/2" Custom Shaped Walnut	37.66	0.78
06450-0961 LF 2" x 4-1/2" Custom Shaped Walnut	46.54	0.84
06450-0962 LF 2" x 5-1/2" Custom Shaped Walnut	55.36	0.84
06450-0963 LF 2" x 6-1/2" Custom Shaped Walnut	64.31	0.90
06450-0964 LF 2" x 7-1/2" Custom Shaped Walnut	73.13	0.90
06450-0965 LF 2" x 8-1/2" Custom Shaped Walnut	82.01	0.97
06450-0966 LF 2" x 9-1/2" Custom Shaped Walnut	90.83	0.97
06450-0967 LF 2" x 10-1/2" Custom Shaped Walnut	99.66	1.03
06450-0968 LF 2" x 11-1/2" Custom Shaped Walnut	108.61	1.10
06450-0969 LF 2-1/2" x 1-1/2" Custom Shaped Walnut	24.98	0.78
06450-0970 LF 2-1/2" x 2-1/2" Custom Shaped Walnut	36.25	0.78
06450-0971 LF 2-1/2" x 3-1/2" Custom Shaped Walnut	47.52	0.84
06450-0972 LF 2-1/2" x 4-1/2" Custom Shaped Walnut	58.84	0.84
06450-0973 LF 2-1/2" x 5-1/2" Custom Shaped Walnut	70.11	0.84
06450-0974 LF 2-1/2" x 6-1/2" Custom Shaped Walnut	81.50	0.90
06450-0975 LF 2-1/2" x 7-1/2" Custom Shaped Walnut	92.76	0.97
06450-0976 LF 2-1/2" x 8-1/2" Custom Shaped Walnut	104.11	0.97
06450-0977 LF 2-1/2" x 9-1/2" Custom Shaped Walnut	115.37	1.03
06450-0978 LF 2-1/2" x 10-1/2" Custom Shaped Walnut	126.63	1.03
06450-0979 LF 2-1/2" x 11-1/2" Custom Shaped Walnut	138.03	1.10

06500 Prefabricated Structural Plastics (06000)

06510 Recycled Plastic Lumber (06500)

Note: Available in gray, redwood, black. Plastic lumber can be cut with saw for desired length or shape, drilled, screwed, nailed or stapled.

06510-0001 Beams And Girders, Recycled Plastic Lumber (06510)

06000 Wood And Plastic
06500 Prefabricated Structural Plastics
06510 Recycled Plastic Lumber



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06510-0002 LF 2" x 6", Beam Or Girder, Recycled Plastic Lumber	6.76	1.05
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.95	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.47	
06MOD-0115 For White Color, Add	2.24	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.89	
06510-0003 LF 2" x 8", Beam Or Girder, Recycled Plastic Lumber	8.34	1.14
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.48	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.60	
06MOD-0115 For White Color, Add	2.85	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.42	
06510-0004 LF 2" x 10", Beam Or Girder, Recycled Plastic Lumber	10.10	1.23
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	3.09	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.75	
06MOD-0115 For White Color, Add	3.55	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	3.01	
06510-0005 LF 3" x 10", Beam Or Girder, Recycled Plastic Lumber	15.95	1.46
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.13	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	1.25	
06MOD-0115 For White Color, Add	5.89	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	4.99	
06510-0006 LF 3" x 12", Beam Or Girder, Recycled Plastic Lumber	17.93	1.64
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.77	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	1.40	
06MOD-0115 For White Color, Add	6.63	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	5.61	
06510-0007 LF 4" x 4", Beam Or Girder, Recycled Plastic Lumber	9.24	1.41
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.67	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.65	
06MOD-0115 For White Color, Add	3.07	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.60	
06510-0008 LF 4" x 6", Beam Or Girder, Recycled Plastic Lumber	12.94	1.50
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	3.99	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.97	
06MOD-0115 For White Color, Add	4.59	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	3.88	
06510-0009 LF 5" x 5", Beam Or Girder, Recycled Plastic Lumber	13.64	1.55
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	4.23	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	1.03	
06MOD-0115 For White Color, Add	4.86	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	4.11	
06510-0010 LF 6" x 6", Beam Or Girder, Recycled Plastic Lumber	18.34	1.68
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.89	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	1.43	
06MOD-0115 For White Color, Add	6.77	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	5.73	
06510-0011 LF 6" x 8", Beam Or Girder, Recycled Plastic Lumber	24.59	1.77
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	8.16	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	1.98	
06MOD-0115 For White Color, Add	9.37	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	7.94	
06510-0012 Joists, Recycled Plastic Lumber ⁽⁰⁶⁵¹⁰⁾		
06510-0013 LF 2" x 4", Joist, Recycled Plastic Lumber	4.44	0.58
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.33	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.32	
06MOD-0115 For White Color, Add	1.53	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.29	
06510-0014 LF 2" x 6", Joist, Recycled Plastic Lumber	6.11	0.62
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.95	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.47	
06MOD-0115 For White Color, Add	2.24	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.89	
06510-0015 LF 2" x 8", Joist, Recycled Plastic Lumber	7.69	0.68
06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.48	
Note: High density polyethylene combined with fiberglass.		
06MOD-0114 For Brown Color, Add	0.60	
06MOD-0115 For White Color, Add	2.85	
06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.42	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06510-0016	LF 2" x 10", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	9.52 3.09 0.75 3.55 3.01	0.82
06510-0017	LF 3" x 10", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	15.24 5.13 1.25 5.89 4.99	0.96
06510-0018	LF 3" x 12", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	17.35 5.77 1.40 6.63 5.61	1.23
06510-0019	LF 4" x 4", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	8.45 2.67 0.65 3.07 2.60	0.87
06510-0020	LF 4" x 6", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	12.09 3.99 0.97 4.59 3.88	0.91
06510-0021	LF 5" x 5", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	12.86 4.23 1.03 4.86 4.11	1.00
06510-0022	LF 6" x 6", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	17.55 5.89 1.43 6.77 5.73	1.14
06510-0023	LF 6" x 8", Joist, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	23.81 8.16 1.98 9.37 7.94	1.23
06510-0024	Columns, Recycled Plastic Lumber (06510)		
06510-0025	LF 4" x 4", Column, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	9.89 2.67 0.65 3.07 2.60	1.87
06510-0026	LF 4" x 6", Column, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	14.56 3.99 0.97 4.59 3.88	2.64
06510-0027	LF 5" x 5", Column, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	15.66 4.23 1.03 4.86 4.11	2.96
06510-0028	LF 6" x 6", Column, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	20.74 5.89 1.43 6.77 5.73	3.37
06510-0029	LF 6" x 8", Column, Recycled Plastic Lumber 06MOD-0113 For Reinforced Structural Plastic Lumber, Add Note: High density polyethylene combined with fiberglass. 06MOD-0114 For Brown Color, Add 06MOD-0115 For White Color, Add 06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	27.97 8.16 1.98 9.37 7.94	4.15

06510-0030 Walls, Recycled Plastic Lumber (06510)

06000 Wood And Plastic
06500 Prefabricated Structural Plastics
06510 Recycled Plastic Lumber



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06510-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	3.99	0.58
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.16	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.28	
		06MOD-0115 For White Color, Add	1.33	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.13	
06510-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	4.57	0.68
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.33	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.32	
		06MOD-0115 For White Color, Add	1.53	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.29	
06510-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	6.30	0.72
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.95	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.47	
		06MOD-0115 For White Color, Add	2.24	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.89	
06510-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	7.81	0.77
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.48	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.60	
		06MOD-0115 For White Color, Add	2.85	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.42	
06510-0035		Other Shapes, Recycled Plastic Lumber <small>(06510)</small>		
06510-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	3.80	0.52
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.11	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.27	
		06MOD-0115 For White Color, Add	1.28	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.08	
06510-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	5.07	0.58
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.56	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.38	
		06MOD-0115 For White Color, Add	1.79	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.52	
06510-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	5.74	0.58
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.81	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.44	
		06MOD-0115 For White Color, Add	2.08	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.76	
06510-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	2.38	0.52
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	0.59	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.14	
		06MOD-0115 For White Color, Add	0.68	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	0.57	
06510-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	3.30	0.58
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	0.91	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.22	
		06MOD-0115 For White Color, Add	1.04	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	0.88	
06510-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	3.30	0.58
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	0.91	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.22	
		06MOD-0115 For White Color, Add	1.04	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	0.88	
06510-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	2.65	0.50
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	0.72	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.17	
		06MOD-0115 For White Color, Add	0.82	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	0.70	
06510-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	3.99	0.58
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.16	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.28	
		06MOD-0115 For White Color, Add	1.33	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.13	
06510-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	4.57	0.68
		06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.33	
		Note: High density polyethylene combined with fiberglass.		
		06MOD-0114 For Brown Color, Add	0.32	
		06MOD-0115 For White Color, Add	1.53	
		06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.29	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06510-0045	LF 2" x 6", Other Shapes, Recycled Plastic Lumber	6.30	0.72
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	1.95	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.47	
	06MOD-0115 For White Color, Add	2.24	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.89	
06510-0046	LF 2" x 8", Other Shapes, Recycled Plastic Lumber	7.81	0.77
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.48	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.60	
	06MOD-0115 For White Color, Add	2.85	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.42	
06510-0047	LF 2" x 10", Other Shapes, Recycled Plastic Lumber	9.52	0.82
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	3.09	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.75	
	06MOD-0115 For White Color, Add	3.55	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	3.01	
06510-0048	LF 2" x 12", Other Shapes, Recycled Plastic Lumber	12.71	0.87
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	4.25	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.03	
	06MOD-0115 For White Color, Add	4.88	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	4.13	
06510-0049	LF 3" x 4", Other Shapes, Recycled Plastic Lumber	6.63	0.80
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.03	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.49	
	06MOD-0115 For White Color, Add	2.33	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	1.98	
06510-0050	LF 3" x 6", Other Shapes, Recycled Plastic Lumber	9.25	0.86
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.97	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.72	
	06MOD-0115 For White Color, Add	3.42	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.89	
06510-0051	LF 3" x 8", Other Shapes, Recycled Plastic Lumber	12.54	0.91
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	4.17	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.01	
	06MOD-0115 For White Color, Add	4.79	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	4.05	
06510-0052	LF 3" x 10", Other Shapes, Recycled Plastic Lumber	15.24	0.96
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.13	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.25	
	06MOD-0115 For White Color, Add	5.89	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	4.99	
06510-0053	LF 3" x 12", Other Shapes, Recycled Plastic Lumber	17.35	1.23
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.77	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.40	
	06MOD-0115 For White Color, Add	6.63	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	5.61	
06510-0054	LF 4" x 4", Other Shapes, Recycled Plastic Lumber	8.45	0.87
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	2.67	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.65	
	06MOD-0115 For White Color, Add	3.07	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	2.60	
06510-0055	LF 4" x 6", Other Shapes, Recycled Plastic Lumber	12.09	0.91
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	3.99	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	0.97	
	06MOD-0115 For White Color, Add	4.59	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	3.88	
06510-0056	LF 4" x 8", Other Shapes, Recycled Plastic Lumber	17.17	0.99
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.83	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.42	
	06MOD-0115 For White Color, Add	6.70	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	5.67	
06510-0057	LF 5" x 5", Other Shapes, Recycled Plastic Lumber	12.86	1.00
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	4.23	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.03	
	06MOD-0115 For White Color, Add	4.86	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	4.11	
06510-0058	LF 6" x 6", Other Shapes, Recycled Plastic Lumber	17.55	1.14
	06MOD-0113 For Reinforced Structural Plastic Lumber, Add	5.89	
	Note: High density polyethylene combined with fiberglass.		
	06MOD-0114 For Brown Color, Add	1.43	
	06MOD-0115 For White Color, Add	6.77	
	06MOD-0116 For All Other Colors (Except Black, Brown Or White), Add	5.73	

06000 Wood And Plastic
06500 Prefabricated Structural Plastics
06510 Recycled Plastic Lumber



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06510-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	23.81	1.23
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	8.16	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	1.98	
	06MOD-0115	For White Color, Add	9.37	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	7.94	
06510-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	35.16	1.37
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	12.29	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	2.99	
	06MOD-0115	For White Color, Add	14.11	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	11.96	
06510-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	30.64	1.31
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	10.64	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	2.59	
	06MOD-0115	For White Color, Add	12.22	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	10.35	
06510-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	40.92	1.37
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	14.42	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	3.51	
	06MOD-0115	For White Color, Add	16.56	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	14.03	
06510-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	56.32	1.43
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	20.09	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	4.89	
	06MOD-0115	For White Color, Add	23.07	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	19.54	
06510-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	2.89	0.46
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	0.83	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	0.20	
	06MOD-0115	For White Color, Add	0.95	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	0.81	
06510-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	8.31	0.58
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	2.76	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	0.67	
	06MOD-0115	For White Color, Add	3.17	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	2.69	
06510-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	9.14	0.68
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	3.02	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	0.74	
	06MOD-0115	For White Color, Add	3.47	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	2.94	
06510-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	11.34	0.82
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	3.76	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	0.92	
	06MOD-0115	For White Color, Add	4.32	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	3.66	
06510-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	25.09	0.96
	06MOD-0113	For Reinforced Structural Plastic Lumber, Add	8.78	
		Note: High density polyethylene combined with fiberglass.		
	06MOD-0114	For Brown Color, Add	2.13	
	06MOD-0115	For White Color, Add	10.08	
	06MOD-0116	For All Other Colors (Except Black, Brown Or White), Add	8.54	
06510-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	2.80	0.50
06510-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	4.53	0.52
06510-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	6.06	0.55
06510-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	9.28	0.57

06520 Fiberglass (06500)

06520-0001 Molded Fiberglass Gratings And Coverings (06520)

06520-0002 Vi-Corr Resin System (06520-0001)

Note: Orange or dark gray.

06520-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	20.08	1.43
06520-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	19.54	1.43
06520-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	25.12	1.43
06520-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	27.41	1.82
06520-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	21.01	1.43
06520-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	20.45	1.43
06520-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	26.47	1.43
06520-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	28.68	1.82
06520-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	18.84	1.14
06520-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	30.01	1.26
06520-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	40.81	1.38



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06520-0014	IFR Fire Retardant Isophthalic Resin <small>(06520-0001)</small>			
06520-0015	SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	18.57	1.43	
06520-0016	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	17.47	1.43	
06520-0017	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	22.13	1.43	
06520-0018	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	24.08	1.82	
06520-0019	SF 1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	19.33	1.43	
06520-0020	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	17.91	1.43	
06520-0021	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	24.25	1.82	
06520-0022	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	25.34	1.82	
06520-0023	SF 1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	16.73	1.14	
06520-0024	SF 1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	23.36	1.26	
06520-0025	SF 3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	31.79	1.38	
06520-0026	Corvex Polyester Resin <small>(06520-0001)</small>			
	Note: Dark gray.			
06520-0027	SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	15.95	1.43	1.43
06520-0028	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	15.36	1.43	
06520-0029	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	18.36	1.43	
06520-0030	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	21.23	1.82	
06520-0031	SF 1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	16.91	1.43	
06520-0032	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	16.32	1.43	
06520-0033	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	19.48	1.43	
06520-0034	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	22.19	1.82	
06520-0035	SF 1/4" Corvex Polyester Resin, Fiberplate Covering	14.89	1.14	
06520-0036	SF 1/2" Corvex Polyester Resin, Fiberplate Covering	23.26	1.26	
06520-0037	SF 3/4" Corvex Polyester Resin, Fiberplate Covering	31.95	1.38	
06520-0038	XFR Extra Fire Retardant <small>(06520-0001)</small>			
06520-0039	SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	22.87	1.43	
06520-0040	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	22.25	1.43	
06520-0041	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	29.99	1.43	
06520-0042	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	32.27	1.82	
06520-0043	SF 1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	23.82	1.43	
06520-0044	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	23.20	1.43	
06520-0045	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	31.11	1.43	
06520-0046	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	33.63	1.82	
06520-0047	SF 1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	21.44	1.14	
06520-0048	SF 1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	34.15	1.26	
06520-0049	ELS Extremely Low Smoke Resin <small>(06520-0001)</small>			
06520-0050	SF 1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	23.43	1.43	
06520-0051	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	22.76	1.43	
06520-0052	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	29.22	1.43	
06520-0053	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	31.54	1.82	
06520-0054	SF 1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	24.30	1.43	
06520-0055	SF 1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	23.75	1.43	
06520-0056	SF 1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	30.30	1.43	
06520-0057	SF 2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	32.63	1.82	
06520-0058	SF 1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	23.85	1.14	
06520-0059	SF 1/2" ELS Extremity Low Smoke Resin, Fiberplate Covering	42.29	1.26	
06520-0060	Pultruded Fiberglass Grating <small>(06520)</small>			
06520-0061	ISOFR Isophthalic Polyester Resin System <small>(06520-0060)</small>			
	Note: For moderately corrosive environments, green.			
06520-0062	1" ISOFR Isophthalic Polyester Resin System <small>(06520-0061)</small>			
06520-0063	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	17.02	1.82	
06520-0064	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	15.24	1.43	
06520-0065	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	19.08	1.82	
06520-0066	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	17.74	1.43	
06520-0067	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	13.54	1.82	
06520-0068	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	12.14	1.43	
06520-0069	SF 1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	15.34	1.82	
06520-0070	SF 1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	13.96	1.43	
06520-0071	1-1/2" ISOFR Isophthalic Polyester Resin System <small>(06520-0061)</small>			
06520-0072	SF 1 1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	19.06	1.82	
06520-0073	SF 1 1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	17.33	1.43	
06520-0074	SF 1 1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	21.27	1.82	
06520-0075	SF 1 1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	20.03	1.43	
06520-0076	SF 1 1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	16.90	1.82	
06520-0077	SF 1 1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	15.53	1.43	

06000 Wood And Plastic**06500 Prefabricated Structural Plastics****06520 Fiberglass**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06520-0078		2" ISOFR Isophthalic Polyester Resin System (06520-0061)		
06520-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	17.01	1.82
06520-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	18.66	1.82
06520-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	22.24	1.82
06520-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	21.07	1.82
06520-0083		VERF Vinyl Ester Resin System (06520-0060)		
06520-0084		1" VERF Vinyl Ester Resin System (06520-0083)		
06520-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	17.95	1.43
06520-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	16.18	1.43
06520-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	20.03	1.43
06520-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	22.82	1.43
06520-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	14.05	1.43
06520-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	12.69	1.43
06520-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	15.96	1.43
06520-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	14.74	1.43
06520-0093		1 1/2" VERF Vinyl Ester Resin System (06520-0083)		
06520-0094	SF	1 1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	19.59	1.43
06520-0095	SF	1 1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	17.83	1.43
06520-0096	SF	1 1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	22.22	1.43
06520-0097	SF	1 1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	20.82	1.43
06520-0098	SF	1 1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	17.72	1.43
06520-0099	SF	1 1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	16.42	1.43
06520-0100		2" VERF Vinyl Ester Resin System (06520-0083)		
06520-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	17.79	1.82
06520-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	16.52	1.82
06520-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	23.34	1.82
06520-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	22.71	1.82
06520-0105		Moltruded Fiberglass Rigidex Grating (06520-0060)		
06520-0106	SF	Rigidex I, 1-1/2" Deep Fiberglass Grating, 1-1/2" x 4" Bar Space, Metallic Grey Color, Moltruded, Corvex Resin	11.57	1.58
06520-0107	SF	Rigidex I, 2" Deep Fiberglass Grating, 1-1/2" x 4" Bar Space, Metallic Grey Color, Moltruded, Corvex Resin	13.96	1.98
06520-0108	SF	Rigidex II, 1-1/2" Deep Fiberglass Grating, 1" x 4" Bar Space, Yellow Color, Moltruded, SOFR Resin	15.17	1.58
06520-0109	SF	Rigidex II, 2" Deep Fiberglass Grating, 1" x 4" Bar Space, Yellow Color, Moltruded, ISOFR Resin	17.56	1.98
06520-0110	LF	1" Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, 12" Wide Excluding Stringer	23.84	1.98
06520-0111	LF	1-1/2" Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, 12" Wide Excluding Stringer	28.14	2.38
06520-0112	LF	2" Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, 12" Wide Excluding Stringer	42.33	2.62
06520-0113		Fiberglass Castings (06520)		
06520-0114		Fiberglass Angle, Equal Legs (06520-0113)		
06520-0115	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	6.18	2.38
06520-0116	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	6.38	2.38
06520-0117	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	10.13	2.85
06520-0118	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	10.92	2.85
06520-0119	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	10.97	2.85
06520-0120	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	11.55	2.85
06520-0121	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	12.31	2.85
06520-0122	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	13.54	2.85
06520-0123	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	29.53	3.56
06520-0124	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	33.48	3.56
06520-0125		Fiberglass Channels (06520-0113)		
06520-0126	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	7.23	3.56
06520-0127	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	7.43	3.56
06520-0128	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	12.66	4.04
06520-0129	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	12.66	4.04
06520-0130	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	18.21	4.04
06520-0131	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	20.71	4.04
06520-0132	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	17.28	4.04
06520-0133	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	21.10	4.04
06520-0134	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	26.42	5.55
06520-0135	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	29.64	5.55
06520-0136		Fiberglass Wide Flange Beams (06520-0113)		
06520-0137	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	17.64	4.75
06520-0138	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	18.88	4.75
06520-0139	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	22.24	5.70
06520-0140	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	22.83	5.70
06520-0141	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	33.99	7.13



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06520-0142 LF 8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	41.02	7.13
06520-0143 LF 10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	68.95	8.71
06520-0144 LF 10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	76.64	8.71
06520-0145 Fiberglass Flat Sheet (06520-0113)		
Note: Not to be used for bathroom board.		
06520-0146 SF 1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	14.71	4.04
06520-0147 SF 1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	15.20	4.04
06520-0148 SF 1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	21.63	4.75
06520-0149 SF 1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	24.24	4.75
06520-0150 SF 3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	28.68	5.70
06520-0151 SF 3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	32.60	5.70
06520-0152 SF 1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	38.16	7.13
06520-0153 SF 1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	44.16	7.13
06520-0154 Fiberglass Bars (06520-0113)		
06520-0155 LF 1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin.....	9.13	2.85
06520-0156 LF 1 1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin.....	12.31	4.20
06520-0157 LF 1 1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin.....	14.27	5.55
06520-0158 LF 1 1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	6.36	2.38
06520-0159 LF 1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	12.27	3.56
06520-0160 LF 1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin.....	13.46	3.56
06520-0161 LF 1 1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	16.79	3.56
06520-0162 LF 1 1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	19.89	4.04
06520-0163 Fiberglass Tubes (06520-0113)		
06520-0164 LF 1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	6.90	2.38
06520-0165 LF 1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	7.28	2.38
06520-0166 LF 2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	9.60	2.85
06520-0167 LF 2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	10.28	2.85
06520-0168 LF 3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	16.65	3.56
06520-0169 LF 3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	18.21	3.56
06520-0170 LF 4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	19.65	4.28
06520-0171 LF 4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	24.02	4.28
06520-0172 LF 1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin.....	6.69	2.38
06520-0173 LF 1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	6.87	2.38
06520-0174 LF 2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin.....	11.11	2.85
06520-0175 LF 2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	11.69	2.85
06520-0176 Fiberglass Threaded Rods (06520-0113)		
06520-0177 LF 3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	7.76	1.82
06520-0178 LF 1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	8.16	1.82
06520-0179 LF 5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	9.35	2.06
06520-0180 LF 3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	10.12	2.06
06520-0181 LF 1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	11.00	2.06
06520-0182 Fiberglass Handrails (06520)		
06520-0183 Fiberglass Handrail Assembly (06520-0182)		
Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.		
06520-0184 LF Fiberglass Side Mount Handrail, 2 1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kickplate, Stainless Steel Fasteners and Accessories.....	45.44	15.84
06MOD-0137 For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	3.00	
06MOD-0138 For Sloped Floor Installation, Add	3.86	
06MOD-0139 For Stair Installation (Without Kickplates), Add	7.37	
06520-0185 LF Fiberglass Top Mount Handrail, 2 1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kickplate, Stainless Steel Fasteners and Accessories.....	48.86	14.85
06520-0186 LF Fiberglass Handrail For Stairs, 2 1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners and Accessories.....	51.16	19.80
06520-0187 Fiberglass Handrail Components (06520-0182)		
Note: This section is only to be used when entire handrail assembly is not required.		
06520-0188 LF Fiberglass Kickplate (12' Sections) With Splice Kit.....	10.91	3.96
06520-0189 LF Fiberglass Kickplate (24' sections) With Splice Kit.....	10.08	3.96
06520-0190 EA Fiberglass Side Mount Post For Handrail.....	92.78	23.77
06520-0191 EA Fiberglass Top Mount Post For Handrail With Stainless Steel Base.....	97.45	15.84
06520-0192 LF Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (12' sections).....	12.23	4.75
06520-0193 LF Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (24' sections).....	11.81	4.75
06520-0194 LF Fiberglass Square Tube For Horizontal Handrail, ISOFR 2-1/8" x 3/16" (21' sections).....	12.44	4.75
06520-0195 Fiberglass Grating Leg Supports (06520)		
06520-0196 Grating Support Legs, VEFR Resin (06520-0195)		

06000 Wood And Plastic**06500 Prefabricated Structural Plastics****06520 Fiberglass**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06520-0197	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	15.64	
06520-0198	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	6.70	
06520-0199	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	25.21	
06520-0200		Fiberglass Columns (06520)		
06520-0201		Round Fiberglass Columns (06520-0200)		
06520-0202	LF	6" Diameter, Round Fiberglass Column	15.36	5.07
06520-0203	LF	8" Diameter, Round Fiberglass Column	21.64	7.39
06520-0204	LF	10" Diameter, Round Fiberglass Column	25.24	8.31
06520-0205	LF	12" Diameter, Round Fiberglass Column	31.81	8.70
06520-0206	LF	15" Diameter, Round Fiberglass Column	38.99	10.04
06520-0207	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	29.70	9.61
06520-0208	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	32.99	10.38
06520-0209	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	39.14	11.54
06520-0210	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	55.49	12.31
06520-0211	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	76.38	13.46
06520-0212		Fluted Fiberglass Columns (06520-0200)		
06520-0213	LF	6" Diameter, Fluted Fiberglass Column	16.38	5.07
06520-0214	LF	8" Diameter, Fluted Fiberglass Column	23.00	7.39
06520-0215	LF	10" Diameter, Fluted Fiberglass Column	26.97	8.31
06520-0216	LF	12" Diameter, Fluted Fiberglass Column	34.71	8.70
06520-0217	LF	15" Diameter, Fluted Fiberglass Column	42.77	10.08
06520-0218	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	31.79	9.61
06520-0219	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	35.44	10.38
06520-0220	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	42.36	11.54
06520-0221	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	61.66	12.31
06520-0222	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	86.27	13.46
06520-0223		Ornamental Or Decorative Cap And Base For Fiberglass Columns (06520-0200)		
06520-0224	EA	8" Roman Ionic Cap And Base For Fiberglass Columns.....	133.68	11.54
06520-0225	EA	10" Roman Ionic Cap And Base For Fiberglass Columns.....	178.82	13.46
06520-0226	EA	12" Roman Ionic Cap And Base For Fiberglass Columns.....	229.57	15.39
06520-0227	EA	8" Scamozzi Cap And Base For Fiberglass Columns	159.58	11.54
06520-0228	EA	10" Scamozzi Cap And Base For Fiberglass Columns	192.12	13.46
06520-0229	EA	12" Scamozzi Cap And Base For Fiberglass Columns	281.37	15.39
06520-0230	EA	8" Corinthian Cap And Base For Fiberglass Columns	201.58	11.54
06520-0231	EA	10" Corinthian Cap And Base For Fiberglass Columns	244.62	13.46
06520-0232	EA	12" Corinthian Cap And Base For Fiberglass Columns	324.77	15.39
06520-0233	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	135.78	11.54
06520-0234	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	183.02	13.46
06520-0235	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	233.77	15.39
06520-0236	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns.....	135.78	11.54
06520-0237	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns.....	163.42	13.46
06520-0238	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns.....	216.27	15.39
06520-0239		Fiberglass Stair Treads (06520)		
06520-0240		Fiberglass Stair Treads (06520-0239)		
06520-0241		10-1/2" Deep Isophthalic Resin System (06520-0240)		
06520-0242	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	60.51	12.44
06520-0243	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	69.45	12.44
06520-0244	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	78.39	12.44
06520-0245	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	87.33	12.44
06520-0246	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	65.87	12.44
06520-0247	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	76.15	12.44
06520-0248	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	86.43	12.44
06520-0249	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	96.71	12.44
06520-0250	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	74.09	12.44
06520-0251	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	86.43	12.44
06520-0252	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	98.77	12.44
06520-0253	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	111.10	12.44
06520-0254		12" Deep Isophthalic Resin System (06520-0240)		
06520-0255	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	65.62	12.44
06520-0256	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	75.83	12.44
06520-0257	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	86.05	12.44
06520-0258	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	96.27	12.44
06520-0259	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	71.75	12.44
06520-0260	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	83.49	12.44
06520-0261	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	95.25	12.44
06520-0262	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	106.99	12.44
06520-0263	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	81.15	12.44
06520-0264	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	95.24	12.44



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06520-0265	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	109.34	12.44
06520-0266	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	123.44	12.44
06520-0267		Other Fiberglass <small>(06520)</small>		
06520-0268		Fiberglass Splash Blocks <small>(06520-0267)</small>		
06520-0269	EA	Standard Size Fiberglass Splash Block	6.97	2.58
06520-0270		Fiberglass Netting <small>(06520-0267)</small>		
06520-0271	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.54	0.26
06520-0272	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.54	0.26
06520-0273	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.54	0.26
06520-0274	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.54	0.26
06520-0275	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.54	0.26
06520-0276	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.53	0.26
06520-0277	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.53	0.26
06520-0278	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.53	0.26
06520-0279	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.53	0.26
06520-0280	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.53	0.26
 06600 Plastic Fabrications <small>(06600)</small>				
06620 Plastic Moldings <small>(06600)</small>				
06620-0001		Plastic Moldings <small>(06620)</small>		
		Note: All dimensions are nominal.		
06620-0002		Base, Plastic Moldings <small>(06620-0001)</small>		
06620-0003	LF	3-1/2" High, Base, Plastic Molding	3.97	1.29
06620-0004	LF	4-1/2" High, Base, Plastic Molding	4.82	1.61
06620-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	3.64	1.35
06620-0006		Cornice, Plastic Moldings <small>(06620-0001)</small>		
06620-0007	LF	1" x 2" Cornice, Plastic Molding	3.62	1.29
06620-0008	LF	1" x 4" Cornice, Plastic Molding	4.57	1.35
06620-0009	LF	1" x 6" Cornice, Plastic Molding	6.41	1.42
06620-0010	LF	1" x 8" Cornice, Plastic Molding	7.40	1.48
06620-0011	LF	1" x 10" Cornice, Plastic Molding	8.55	1.54
06620-0012	LF	1" x 12" Cornice, Plastic Molding	11.03	1.61
06620-0013		Crown Or Bed, Plastic Moldings <small>(06620-0001)</small>		
06620-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	6.77	1.29
06620-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	9.09	1.61
06620-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	9.50	1.61
06620-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	9.90	1.61
06620-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	12.97	1.94
06620-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	15.47	1.94
06620-0020		Dentil, Plastic Moldings <small>(06620-0001)</small>		
06620-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	5.70	1.29
06620-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	6.46	1.29
06620-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	8.19	1.29
06620-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	11.17	1.29
06620-0025		Cove, Plastic Moldings <small>(06620-0001)</small>		
06620-0026	LF	3/8" x 3/8" Cove, Plastic Molding	2.12	0.71
06620-0027	LF	1/2" x 1/2" Cove, Plastic Molding	2.33	0.71
06620-0028	LF	5/8" x 5/8" Cove, Plastic Molding	3.09	0.84
06620-0029	LF	3/4" x 3/4" Cove, Plastic Molding	3.09	0.84
06620-0030	LF	15/16" x 15/16" Cove, Plastic Molding	3.99	0.84
06620-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	5.25	0.97
06620-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	7.14	0.97
06620-0033		Chair Rail, Plastic Moldings <small>(06620-0001)</small>		
06620-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	3.62	0.97
06620-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	4.87	1.29
06620-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	6.03	1.29
06620-0037		Door, Plastic Moldings <small>(06620-0001)</small>		
06620-0038	LF	1-1/8" Wide, Door, Plastic Molding	3.01	1.16
06620-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	3.04	1.16

06000 Wood And Plastic**06600 Plastic Fabrications****06620 Plastic Moldings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06620-0040	Trim, Plastic Moldings <small>(06620-0001)</small>		
06620-0041	LF 1/2" x 1/2" Quarter Round Trim, Plastic Molding.....	3.12	1.35

06625 Extruded PVC Trimboard (06600)

06625-0001	Extruded PVC Trimboard <small>(06625)</small>		
	Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06625-0002	LF 1" x 4" Extruded PVC Trimboard.....	2.58	0.51
06625-0003	LF 1" x 6" Extruded PVC Trimboard.....	3.72	0.57
06625-0004	LF 1" x 8" Extruded PVC Trimboard.....	4.89	0.64
06625-0005	LF 1" x 10" Extruded PVC Trimboard.....	5.91	0.66
06625-0006	LF 1" x 12" Extruded PVC Trimboard.....	7.03	0.68
06625-0007	LF 5/4" x 4" Extruded PVC Trimboard.....	3.18	0.51
06625-0008	LF 5/4" x 6" Extruded PVC Trimboard.....	4.65	0.57
06625-0009	LF 5/4" x 8" Extruded PVC Trimboard.....	5.92	0.64
06625-0010	LF 5/4" x 10" Extruded PVC Trimboard.....	7.33	0.66
06625-0011	LF 5/4" x 12" Extruded PVC Trimboard.....	8.61	0.68
06625-0012	LF 3-1/2" x 3-1/2" Extruded PVC Corner Board.....	7.00	0.66
06625-0013	LF 5-1/2" x 5-1/2" Extruded PVC Corner Board.....	9.32	0.68
06625-0014	SF 1/2" Smooth/Wood Grain Reversible Extruded PVC Sheets.....	4.89	0.57
06625-0015	SF 3/4" Smooth/Wood Grain Reversible Extruded PVC Sheets.....	7.06	0.64

06700 Anchors And Supports (06000)

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06710 Anchors (06700)

06710-0001	Threaded Anchor Bolts <small>(06710)</small>		
	Note: Threaded on two ends with two nuts and flat washers.		
06710-0002	EA 1/2" Diameter x 4" Long, Threaded Anchor Bolt.....	7.65	
	06MOD-0119 For > 10 To 50, Deduct.....	-0.23	
	06MOD-0120 For > 50 To 100, Deduct.....	-0.54	
	06MOD-0121 For > 100 To 250, Deduct.....	-1.07	
	06MOD-0122 For > 250 To 500, Deduct.....	-1.84	
	06MOD-0123 For > 500, Deduct.....	-2.61	
06710-0003	EA 1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	10.28	
	06MOD-0119 For > 10 To 50, Deduct.....	-0.25	
	06MOD-0120 For > 50 To 100, Deduct.....	-0.63	
	06MOD-0121 For > 100 To 250, Deduct.....	-1.26	
	06MOD-0122 For > 250 To 500, Deduct.....	-2.13	
	06MOD-0123 For > 500, Deduct.....	-3.01	
06710-0004	EA 3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	11.33	
	06MOD-0119 For > 10 To 50, Deduct.....	-0.25	
	06MOD-0120 For > 50 To 100, Deduct.....	-0.65	
	06MOD-0121 For > 100 To 250, Deduct.....	-1.31	
	06MOD-0122 For > 250 To 500, Deduct.....	-2.21	
	06MOD-0123 For > 500, Deduct.....	-3.11	
06710-0005	EA 3/4" Diameter x 12" Long, Threaded Anchor Bolt.....	22.69	
	06MOD-0119 For > 10 To 50, Deduct.....	-0.34	
	06MOD-0120 For > 50 To 100, Deduct.....	-1.08	
	06MOD-0121 For > 100 To 250, Deduct.....	-2.15	
	06MOD-0122 For > 250 To 500, Deduct.....	-3.56	
	06MOD-0123 For > 500, Deduct.....	-4.98	
06710-0006	Framing Anchors <small>(06710)</small>		
06710-0007	EA 10 Gauge Framing Anchor.....	4.24	1.94
	06MOD-0119 For > 10 To 50, Deduct.....	-0.18	
	06MOD-0120 For > 50 To 100, Deduct.....	-0.38	
	06MOD-0121 For > 100 To 250, Deduct.....	-0.76	
	06MOD-0122 For > 250 To 500, Deduct.....	-1.33	
	06MOD-0123 For > 500, Deduct.....	-1.90	
06710-0008	EA Hold Downs, Simpson HD2A.....	24.49	
	06MOD-0119 For > 10 To 50, Deduct.....	-1.00	
	06MOD-0120 For > 50 To 100, Deduct.....	-2.11	
	06MOD-0121 For > 100 To 250, Deduct.....	-4.22	
	06MOD-0122 For > 250 To 500, Deduct.....	-7.33	
	06MOD-0123 For > 500, Deduct.....	-10.43	
06710-0009	EA Hold Downs, Simpson HD5.....	30.60	
	06MOD-0119 For > 10 To 50, Deduct.....	-1.00	
	06MOD-0120 For > 50 To 100, Deduct.....	-2.26	
	06MOD-0121 For > 100 To 250, Deduct.....	-4.52	
	06MOD-0122 For > 250 To 500, Deduct.....	-7.78	
	06MOD-0123 For > 500, Deduct.....	-11.04	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0010	EA Hold Downs, Simpson HD8	42.92	
	06MOD-0119 For > 10 To 50, Deduct	-1.35	
	06MOD-0120 For > 50 To 100, Deduct	-3.10	
	06MOD-0121 For > 100 To 250, Deduct	-6.20	
	06MOD-0122 For > 250 To 500, Deduct	-10.66	
	06MOD-0123 For > 500, Deduct	-15.11	
06710-0011	EA Hold Downs, Simpson HD10	48.96	
	06MOD-0119 For > 10 To 50, Deduct	-1.61	
	06MOD-0120 For > 50 To 100, Deduct	-3.64	
	06MOD-0121 For > 100 To 250, Deduct	-7.28	
	06MOD-0122 For > 250 To 500, Deduct	-12.52	
	06MOD-0123 For > 500, Deduct	-17.77	
06710-0012	EA Hold Downs, Simpson HD20	61.81	
	06MOD-0119 For > 10 To 50, Deduct	-1.61	
	06MOD-0120 For > 50 To 100, Deduct	-3.96	
	06MOD-0121 For > 100 To 250, Deduct	-7.92	
	06MOD-0122 For > 250 To 500, Deduct	-13.49	
	06MOD-0123 For > 500, Deduct	-19.06	
06710-0013	Joist And Beam Hangers <small>(06710)</small>		
06710-0014	EA 18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers	4.02	1.80
	06MOD-0119 For > 10 To 50, Deduct	-0.18	
	06MOD-0120 For > 50 To 100, Deduct	-0.38	
	06MOD-0121 For > 100 To 250, Deduct	-0.75	
	06MOD-0122 For > 250 To 500, Deduct	-1.31	
	06MOD-0123 For > 500, Deduct	-1.87	
06710-0015	EA 18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers.....	4.52	1.80
	06MOD-0119 For > 10 To 50, Deduct	-0.20	
	06MOD-0120 For > 50 To 100, Deduct	-0.41	
	06MOD-0121 For > 100 To 250, Deduct	-0.81	
	06MOD-0122 For > 250 To 500, Deduct	-1.41	
	06MOD-0123 For > 500, Deduct	-2.01	
06710-0016	EA 16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers.....	5.61	1.80
	06MOD-0119 For > 10 To 50, Deduct	-0.20	
	06MOD-0120 For > 50 To 100, Deduct	-0.44	
	06MOD-0121 For > 100 To 250, Deduct	-0.88	
	06MOD-0122 For > 250 To 500, Deduct	-1.53	
	06MOD-0123 For > 500, Deduct	-2.17	
06710-0017	EA 16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers.....	5.71	1.80
	06MOD-0119 For > 10 To 50, Deduct	-0.20	
	06MOD-0120 For > 50 To 100, Deduct	-0.44	
	06MOD-0121 For > 100 To 250, Deduct	-0.89	
	06MOD-0122 For > 250 To 500, Deduct	-1.53	
	06MOD-0123 For > 500, Deduct	-2.18	
06710-0018	EA 16 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers.....	5.78	1.86
	06MOD-0119 For > 10 To 50, Deduct	-0.21	
	06MOD-0120 For > 50 To 100, Deduct	-0.46	
	06MOD-0121 For > 100 To 250, Deduct	-0.91	
	06MOD-0122 For > 250 To 500, Deduct	-1.57	
	06MOD-0123 For > 500, Deduct	-2.24	
06710-0019	EA 16 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers.....	6.18	1.86
	06MOD-0119 For > 10 To 50, Deduct	-0.21	
	06MOD-0120 For > 50 To 100, Deduct	-0.47	
	06MOD-0121 For > 100 To 250, Deduct	-0.93	
	06MOD-0122 For > 250 To 500, Deduct	-1.60	
	06MOD-0123 For > 500, Deduct	-2.28	
06710-0020	Post Framing <small>(06710)</small>		
06710-0021	EA 16 Gauge Post Framing With 4" x 4" Base	9.13	2.26
	06MOD-0119 For > 10 To 50, Deduct	-0.25	
	06MOD-0120 For > 50 To 100, Deduct	-0.60	
	06MOD-0121 For > 100 To 250, Deduct	-1.20	
	06MOD-0122 For > 250 To 500, Deduct	-2.05	
	06MOD-0123 For > 500, Deduct	-2.89	
06710-0022	EA 16 Gauge Post Framing With 4" x 4" Cap.....	7.48	2.26
	06MOD-0119 For > 10 To 50, Deduct	-0.25	
	06MOD-0120 For > 50 To 100, Deduct	-0.56	
	06MOD-0121 For > 100 To 250, Deduct	-1.12	
	06MOD-0122 For > 250 To 500, Deduct	-1.92	
	06MOD-0123 For > 500, Deduct	-2.73	
06710-0023	Rafter Anchors <small>(06710)</small>		
06710-0024	EA 1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	4.73	2.00
	06MOD-0119 For > 10 To 50, Deduct	-0.22	
	06MOD-0120 For > 50 To 100, Deduct	-0.45	
	06MOD-0121 For > 100 To 250, Deduct	-0.90	
	06MOD-0122 For > 250 To 500, Deduct	-1.57	
	06MOD-0123 For > 500, Deduct	-2.25	

06000 Wood And Plastic
06700 Anchors And Supports
06710 Anchors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0025	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	4.91	2.00
	06MOD-0119	For > 10 To 50, Deduct	-0.22	
	06MOD-0120	For > 50 To 100, Deduct	-0.46	
	06MOD-0121	For > 100 To 250, Deduct	-0.91	
	06MOD-0122	For > 250 To 500, Deduct	-1.59	
	06MOD-0123	For > 500, Deduct	-2.26	
06710-0026	EA	Galvanized Rigid Rafter Connector, For 2" x 6"	5.36	2.00
	06MOD-0119	For > 10 To 50, Deduct	-0.22	
	06MOD-0120	For > 50 To 100, Deduct	-0.47	
	06MOD-0121	For > 100 To 250, Deduct	-0.93	
	06MOD-0122	For > 250 To 500, Deduct	-1.62	
	06MOD-0123	For > 500, Deduct	-2.31	
06710-0027		Bolts And Fasteners <small>(06710)</small>		
06710-0028		Carriage Bolts <small>(06710-0027)</small>		
		Note: Includes drilling of holes in any material, zinc plated finish, nut and washer.		
06710-0029	EA	1/4" x 2" Long, Carriage Bolt.....	8.48	
	06MOD-0117	For Galvanized Bolts, Add	0.02	
	06MOD-0118	For Stainless Steel Bolts, Add	0.18	
	06MOD-0119	For > 10 To 50, Deduct	-0.42	
	06MOD-0120	For > 50 To 100, Deduct	-0.84	
	06MOD-0121	For > 100 To 250, Deduct	-1.68	
	06MOD-0122	For > 250 To 500, Deduct	-2.94	
	06MOD-0123	For > 500, Deduct	-4.19	
06710-0030	EA	1/4" x 4" Long, Carriage Bolt.....	8.57	
	06MOD-0117	For Galvanized Bolts, Add	0.04	
	06MOD-0118	For Stainless Steel Bolts, Add	0.32	
	06MOD-0119	For > 10 To 50, Deduct	-0.42	
	06MOD-0120	For > 50 To 100, Deduct	-0.84	
	06MOD-0121	For > 100 To 250, Deduct	-1.68	
	06MOD-0122	For > 250 To 500, Deduct	-2.94	
	06MOD-0123	For > 500, Deduct	-4.20	
06710-0031	EA	1/4" x 6" Long, Carriage Bolt.....	8.67	
	06MOD-0117	For Galvanized Bolts, Add	0.06	
	06MOD-0118	For Stainless Steel Bolts, Add	0.47	
	06MOD-0119	For > 10 To 50, Deduct	-0.42	
	06MOD-0120	For > 50 To 100, Deduct	-0.84	
	06MOD-0121	For > 100 To 250, Deduct	-1.69	
	06MOD-0122	For > 250 To 500, Deduct	-2.95	
	06MOD-0123	For > 500, Deduct	-4.21	
06710-0032	EA	1/4" x 8" Long, Carriage Bolt.....	10.23	
	06MOD-0117	For Galvanized Bolts, Add	0.11	
	06MOD-0118	For Stainless Steel Bolts, Add	0.86	
	06MOD-0119	For > 10 To 50, Deduct	-0.48	
	06MOD-0120	For > 50 To 100, Deduct	-0.98	
	06MOD-0121	For > 100 To 250, Deduct	-1.96	
	06MOD-0122	For > 250 To 500, Deduct	-3.42	
	06MOD-0123	For > 500, Deduct	-4.89	
06710-0033	EA	3/8" x 2" Long, Carriage Bolt.....	9.29	
	06MOD-0117	For Galvanized Bolts, Add	0.06	
	06MOD-0118	For Stainless Steel Bolts, Add	0.42	
	06MOD-0119	For > 10 To 50, Deduct	-0.45	
	06MOD-0120	For > 50 To 100, Deduct	-0.91	
	06MOD-0121	For > 100 To 250, Deduct	-1.82	
	06MOD-0122	For > 250 To 500, Deduct	-3.17	
	06MOD-0123	For > 500, Deduct	-4.53	
06710-0034	EA	3/8" x 4" Long, Carriage Bolt.....	10.15	
	06MOD-0117	For Galvanized Bolts, Add	0.10	
	06MOD-0118	For Stainless Steel Bolts, Add	0.74	
	06MOD-0119	For > 10 To 50, Deduct	-0.48	
	06MOD-0120	For > 50 To 100, Deduct	-0.98	
	06MOD-0121	For > 100 To 250, Deduct	-1.96	
	06MOD-0122	For > 250 To 500, Deduct	-3.42	
	06MOD-0123	For > 500, Deduct	-4.88	
06710-0035	EA	3/8" x 6" Long, Carriage Bolt.....	10.35	
	06MOD-0117	For Galvanized Bolts, Add	0.14	
	06MOD-0118	For Stainless Steel Bolts, Add	1.04	
	06MOD-0119	For > 10 To 50, Deduct	-0.48	
	06MOD-0120	For > 50 To 100, Deduct	-0.98	
	06MOD-0121	For > 100 To 250, Deduct	-1.97	
	06MOD-0122	For > 250 To 500, Deduct	-3.43	
	06MOD-0123	For > 500, Deduct	-4.90	
06710-0036	EA	3/8" x 8" Long, Carriage Bolt.....	12.44	
	06MOD-0117	For Galvanized Bolts, Add	0.17	
	06MOD-0118	For Stainless Steel Bolts, Add	1.28	
	06MOD-0119	For > 10 To 50, Deduct	-0.58	
	06MOD-0120	For > 50 To 100, Deduct	-1.18	
	06MOD-0121	For > 100 To 250, Deduct	-2.36	
	06MOD-0122	For > 250 To 500, Deduct	-4.12	
	06MOD-0123	For > 500, Deduct	-5.88	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0037	EA 3/8" x 10" Long, Carriage Bolt.....	13.67	
	06MOD-0117 For Galvanized Bolts, Add	0.29	
	06MOD-0118 For Stainless Steel Bolts, Add	2.15	
	06MOD-0119 For > 10 To 50, Deduct	-0.61	
	06MOD-0120 For > 50 To 100, Deduct	-1.26	
	06MOD-0121 For > 100 To 250, Deduct	-2.52	
	06MOD-0122 For > 250 To 500, Deduct	-4.39	
	06MOD-0123 For > 500, Deduct	-6.26	
06710-0038	EA 3/8" x 12" Long, Carriage Bolt.....	15.53	
	06MOD-0117 For Galvanized Bolts, Add	0.40	
	06MOD-0118 For Stainless Steel Bolts, Add	3.03	
	06MOD-0119 For > 10 To 50, Deduct	-0.68	
	06MOD-0120 For > 50 To 100, Deduct	-1.40	
	06MOD-0121 For > 100 To 250, Deduct	-2.80	
	06MOD-0122 For > 250 To 500, Deduct	-4.88	
	06MOD-0123 For > 500, Deduct	-6.96	
06710-0039	EA 1/2" x 2" Long, Carriage Bolt.....	10.17	
	06MOD-0117 For Galvanized Bolts, Add	0.10	
	06MOD-0118 For Stainless Steel Bolts, Add	0.77	
	06MOD-0119 For > 10 To 50, Deduct	-0.48	
	06MOD-0120 For > 50 To 100, Deduct	-0.98	
	06MOD-0121 For > 100 To 250, Deduct	-1.96	
	06MOD-0122 For > 250 To 500, Deduct	-3.42	
	06MOD-0123 For > 500, Deduct	-4.88	
06710-0040	EA 1/2" x 4" Long, Carriage Bolt.....	11.25	
	06MOD-0117 For Galvanized Bolts, Add	0.19	
	06MOD-0118 For Stainless Steel Bolts, Add	1.43	
	06MOD-0119 For > 10 To 50, Deduct	-0.52	
	06MOD-0120 For > 50 To 100, Deduct	-1.05	
	06MOD-0121 For > 100 To 250, Deduct	-2.11	
	06MOD-0122 For > 250 To 500, Deduct	-3.68	
	06MOD-0123 For > 500, Deduct	-5.25	
06710-0041	EA 1/2" x 6" Long, Carriage Bolt.....	12.14	
	06MOD-0117 For Galvanized Bolts, Add	0.24	
	06MOD-0118 For Stainless Steel Bolts, Add	1.80	
	06MOD-0119 For > 10 To 50, Deduct	-0.55	
	06MOD-0120 For > 50 To 100, Deduct	-1.12	
	06MOD-0121 For > 100 To 250, Deduct	-2.25	
	06MOD-0122 For > 250 To 500, Deduct	-3.92	
	06MOD-0123 For > 500, Deduct	-5.59	
06710-0042	EA 1/2" x 8" Long, Carriage Bolt.....	13.78	
	06MOD-0117 For Galvanized Bolts, Add	0.31	
	06MOD-0118 For Stainless Steel Bolts, Add	2.31	
	06MOD-0119 For > 10 To 50, Deduct	-0.61	
	06MOD-0120 For > 50 To 100, Deduct	-1.26	
	06MOD-0121 For > 100 To 250, Deduct	-2.53	
	06MOD-0122 For > 250 To 500, Deduct	-4.40	
	06MOD-0123 For > 500, Deduct	-6.27	
06710-0043	EA 1/2" x 10" Long, Carriage Bolt.....	16.37	
	06MOD-0117 For Galvanized Bolts, Add	0.44	
	06MOD-0118 For Stainless Steel Bolts, Add	3.32	
	06MOD-0119 For > 10 To 50, Deduct	-0.71	
	06MOD-0120 For > 50 To 100, Deduct	-1.47	
	06MOD-0121 For > 100 To 250, Deduct	-2.94	
	06MOD-0122 For > 250 To 500, Deduct	-5.12	
	06MOD-0123 For > 500, Deduct	-7.30	
06710-0044	EA 1/2" x 12" Long, Carriage Bolt.....	18.57	
	06MOD-0117 For Galvanized Bolts, Add	0.62	
	06MOD-0118 For Stainless Steel Bolts, Add	4.68	
	06MOD-0119 For > 10 To 50, Deduct	-0.77	
	06MOD-0120 For > 50 To 100, Deduct	-1.62	
	06MOD-0121 For > 100 To 250, Deduct	-3.25	
	06MOD-0122 For > 250 To 500, Deduct	-5.64	
	06MOD-0123 For > 500, Deduct	-8.04	
06710-0045	EA 3/4" x 2" Long, Carriage Bolt.....	13.67	
	06MOD-0117 For Galvanized Bolts, Add	0.42	
	06MOD-0118 For Stainless Steel Bolts, Add	3.12	
	06MOD-0119 For > 10 To 50, Deduct	-0.58	
	06MOD-0120 For > 50 To 100, Deduct	-1.21	
	06MOD-0121 For > 100 To 250, Deduct	-2.42	
	06MOD-0122 For > 250 To 500, Deduct	-4.21	
	06MOD-0123 For > 500, Deduct	-6.00	
06710-0046	EA 3/4" x 4" Long, Carriage Bolt.....	15.09	
	06MOD-0117 For Galvanized Bolts, Add	0.57	
	06MOD-0118 For Stainless Steel Bolts, Add	4.28	
	06MOD-0119 For > 10 To 50, Deduct	-0.61	
	06MOD-0120 For > 50 To 100, Deduct	-1.30	
	06MOD-0121 For > 100 To 250, Deduct	-2.59	
	06MOD-0122 For > 250 To 500, Deduct	-4.50	
	06MOD-0123 For > 500, Deduct	-6.41	

06000 Wood And Plastic
06700 Anchors And Supports
06710 Anchors



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0047	EA		3/4" x 6" Long, Carriage Bolt.....	18.02	
	06MOD-0117		For Galvanized Bolts, Add	0.77	
	06MOD-0118		For Stainless Steel Bolts, Add	5.79	
	06MOD-0119		For > 10 To 50, Deduct	-0.71	
	06MOD-0120		For > 50 To 100, Deduct	-1.51	
	06MOD-0121		For > 100 To 250, Deduct	-3.03	
	06MOD-0122		For > 250 To 500, Deduct	-5.25	
	06MOD-0123		For > 500, Deduct	-7.47	
06710-0048	EA		3/4" x 8" Long, Carriage Bolt.....	20.63	
	06MOD-0117		For Galvanized Bolts, Add	1.16	
	06MOD-0118		For Stainless Steel Bolts, Add	8.73	
	06MOD-0119		For > 10 To 50, Deduct	-0.74	
	06MOD-0120		For > 50 To 100, Deduct	-1.63	
	06MOD-0121		For > 100 To 250, Deduct	-3.25	
	06MOD-0122		For > 250 To 500, Deduct	-5.62	
	06MOD-0123		For > 500, Deduct	-7.99	
06710-0049	EA		3/4" x 10" Long, Carriage Bolt.....	22.54	
	06MOD-0117		For Galvanized Bolts, Add	1.29	
	06MOD-0118		For Stainless Steel Bolts, Add	9.68	
	06MOD-0119		For > 10 To 50, Deduct	-0.80	
	06MOD-0120		For > 50 To 100, Deduct	-1.77	
	06MOD-0121		For > 100 To 250, Deduct	-3.54	
	06MOD-0122		For > 250 To 500, Deduct	-6.12	
	06MOD-0123		For > 500, Deduct	-8.69	
06710-0050	EA		3/4" x 12" Long, Carriage Bolt.....	23.88	
	06MOD-0117		For Galvanized Bolts, Add	1.43	
	06MOD-0118		For Stainless Steel Bolts, Add	10.71	
	06MOD-0119		For > 10 To 50, Deduct	-0.84	
	06MOD-0120		For > 50 To 100, Deduct	-1.85	
	06MOD-0121		For > 100 To 250, Deduct	-3.71	
	06MOD-0122		For > 250 To 500, Deduct	-6.39	
	06MOD-0123		For > 500, Deduct	-9.08	
06710-0051			Hex Head Bolts <small>(06710-0027)</small>		
			Note: Includes drilling of holes in any material, zinc plated finish, nut and washer.		
06710-0052	EA		1/4" x 2" Long, Hex Head Bolt.....	9.11	
	06MOD-0117		For Galvanized Bolts, Add	0.02	
	06MOD-0118		For Stainless Steel Bolts, Add	0.15	
	06MOD-0119		For > 10 To 50, Deduct	-0.45	
	06MOD-0120		For > 50 To 100, Deduct	-0.90	
	06MOD-0121		For > 100 To 250, Deduct	-1.81	
	06MOD-0122		For > 250 To 500, Deduct	-3.16	
	06MOD-0123		For > 500, Deduct	-4.52	
06710-0053	EA		1/4" x 4" Long, Hex Head Bolt.....	9.87	
	06MOD-0117		For Galvanized Bolts, Add	0.04	
	06MOD-0118		For Stainless Steel Bolts, Add	0.32	
	06MOD-0119		For > 10 To 50, Deduct	-0.48	
	06MOD-0120		For > 50 To 100, Deduct	-0.97	
	06MOD-0121		For > 100 To 250, Deduct	-1.94	
	06MOD-0122		For > 250 To 500, Deduct	-3.40	
	06MOD-0123		For > 500, Deduct	-4.85	
06710-0054	EA		1/4" x 6" Long, Hex Head Bolt.....	11.56	
	06MOD-0117		For Galvanized Bolts, Add	0.12	
	06MOD-0118		For Stainless Steel Bolts, Add	0.93	
	06MOD-0119		For > 10 To 50, Deduct	-0.55	
	06MOD-0120		For > 50 To 100, Deduct	-1.11	
	06MOD-0121		For > 100 To 250, Deduct	-2.22	
	06MOD-0122		For > 250 To 500, Deduct	-3.88	
	06MOD-0123		For > 500, Deduct	-5.53	
06710-0055	EA		1/4" x 8" Long, Hex Head Bolt.....	12.33	
	06MOD-0117		For Galvanized Bolts, Add	0.15	
	06MOD-0118		For Stainless Steel Bolts, Add	1.11	
	06MOD-0119		For > 10 To 50, Deduct	-0.58	
	06MOD-0120		For > 50 To 100, Deduct	-1.18	
	06MOD-0121		For > 100 To 250, Deduct	-2.36	
	06MOD-0122		For > 250 To 500, Deduct	-4.11	
	06MOD-0123		For > 500, Deduct	-5.87	
06710-0056	EA		3/8" x 2" Long, Hex Head Bolt.....	9.88	
	06MOD-0117		For Galvanized Bolts, Add	0.04	
	06MOD-0118		For Stainless Steel Bolts, Add	0.33	
	06MOD-0119		For > 10 To 50, Deduct	-0.48	
	06MOD-0120		For > 50 To 100, Deduct	-0.97	
	06MOD-0121		For > 100 To 250, Deduct	-1.94	
	06MOD-0122		For > 250 To 500, Deduct	-3.40	
	06MOD-0123		For > 500, Deduct	-4.85	
06710-0057	EA		3/8" x 4" Long, Hex Head Bolt.....	10.70	
	06MOD-0117		For Galvanized Bolts, Add	0.08	
	06MOD-0118		For Stainless Steel Bolts, Add	0.60	
	06MOD-0119		For > 10 To 50, Deduct	-0.52	
	06MOD-0120		For > 50 To 100, Deduct	-1.04	
	06MOD-0121		For > 100 To 250, Deduct	-2.08	
	06MOD-0122		For > 250 To 500, Deduct	-3.64	
	06MOD-0123		For > 500, Deduct	-5.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0058 EA 3/8" x 6" Long, Hex Head Bolt 11.92		
06MOD-0117 For Galvanized Bolts, Add	0.20	
06MOD-0118 For Stainless Steel Bolts, Add	1.47	
06MOD-0119 For > 10 To 50, Deduct	-0.55	
06MOD-0120 For > 50 To 100, Deduct	-1.12	
06MOD-0121 For > 100 To 250, Deduct	-2.24	
06MOD-0122 For > 250 To 500, Deduct	-3.90	
06MOD-0123 For > 500, Deduct	-5.57	
06710-0059 EA 3/8" x 8" Long, Hex Head Bolt 12.78		
06MOD-0117 For Galvanized Bolts, Add	0.24	
06MOD-0118 For Stainless Steel Bolts, Add	1.79	
06MOD-0119 For > 10 To 50, Deduct	-0.58	
06MOD-0120 For > 50 To 100, Deduct	-1.19	
06MOD-0121 For > 100 To 250, Deduct	-2.38	
06MOD-0122 For > 250 To 500, Deduct	-4.15	
06MOD-0123 For > 500, Deduct	-5.91	
06710-0060 EA 3/8" x 10" Long, Hex Head Bolt 14.07		
06MOD-0117 For Galvanized Bolts, Add	0.37	
06MOD-0118 For Stainless Steel Bolts, Add	2.75	
06MOD-0119 For > 10 To 50, Deduct	-0.61	
06MOD-0120 For > 50 To 100, Deduct	-1.27	
06MOD-0121 For > 100 To 250, Deduct	-2.54	
06MOD-0122 For > 250 To 500, Deduct	-4.42	
06MOD-0123 For > 500, Deduct	-6.30	
06710-0061 EA 3/8" x 12" Long, Hex Head Bolt 17.71		
06MOD-0117 For Galvanized Bolts, Add	0.84	
06MOD-0118 For Stainless Steel Bolts, Add	6.30	
06MOD-0119 For > 10 To 50, Deduct	-0.68	
06MOD-0120 For > 50 To 100, Deduct	-1.46	
06MOD-0121 For > 100 To 250, Deduct	-2.91	
06MOD-0122 For > 250 To 500, Deduct	-5.04	
06MOD-0123 For > 500, Deduct	-7.18	
06710-0062 EA 1/2" x 2" Long, Hex Head Bolt 10.09		
06MOD-0117 For Galvanized Bolts, Add	0.09	
06MOD-0118 For Stainless Steel Bolts, Add	0.65	
06MOD-0119 For > 10 To 50, Deduct	-0.48	
06MOD-0120 For > 50 To 100, Deduct	-0.98	
06MOD-0121 For > 100 To 250, Deduct	-1.95	
06MOD-0122 For > 250 To 500, Deduct	-3.41	
06MOD-0123 For > 500, Deduct	-4.87	
06710-0063 EA 1/2" x 4" Long, Hex Head Bolt 11.74		
06MOD-0117 For Galvanized Bolts, Add	0.16	
06MOD-0118 For Stainless Steel Bolts, Add	1.20	
06MOD-0119 For > 10 To 50, Deduct	-0.55	
06MOD-0120 For > 50 To 100, Deduct	-1.11	
06MOD-0121 For > 100 To 250, Deduct	-2.23	
06MOD-0122 For > 250 To 500, Deduct	-3.89	
06MOD-0123 For > 500, Deduct	-5.55	
06710-0064 EA 1/2" x 6" Long, Hex Head Bolt 12.82		
06MOD-0117 For Galvanized Bolts, Add	0.25	
06MOD-0118 For Stainless Steel Bolts, Add	1.85	
06MOD-0119 For > 10 To 50, Deduct	-0.58	
06MOD-0120 For > 50 To 100, Deduct	-1.19	
06MOD-0121 For > 100 To 250, Deduct	-2.38	
06MOD-0122 For > 250 To 500, Deduct	-4.15	
06MOD-0123 For > 500, Deduct	-5.92	
06710-0065 EA 1/2" x 8" Long, Hex Head Bolt 15.31		
06MOD-0117 For Galvanized Bolts, Add	0.36	
06MOD-0118 For Stainless Steel Bolts, Add	2.70	
06MOD-0119 For > 10 To 50, Deduct	-0.68	
06MOD-0120 For > 50 To 100, Deduct	-1.40	
06MOD-0121 For > 100 To 250, Deduct	-2.79	
06MOD-0122 For > 250 To 500, Deduct	-4.86	
06MOD-0123 For > 500, Deduct	-6.94	
06710-0066 EA 1/2" x 10" Long, Hex Head Bolt 17.88		
06MOD-0117 For Galvanized Bolts, Add	0.61	
06MOD-0118 For Stainless Steel Bolts, Add	4.61	
06MOD-0119 For > 10 To 50, Deduct	-0.74	
06MOD-0120 For > 50 To 100, Deduct	-1.56	
06MOD-0121 For > 100 To 250, Deduct	-3.12	
06MOD-0122 For > 250 To 500, Deduct	-5.41	
06MOD-0123 For > 500, Deduct	-7.71	
06710-0067 EA 1/2" x 12" Long, Hex Head Bolt 22.97		
06MOD-0117 For Galvanized Bolts, Add	1.38	
06MOD-0118 For Stainless Steel Bolts, Add	10.32	
06MOD-0119 For > 10 To 50, Deduct	-0.80	
06MOD-0120 For > 50 To 100, Deduct	-1.78	
06MOD-0121 For > 100 To 250, Deduct	-3.56	
06MOD-0122 For > 250 To 500, Deduct	-6.15	
06MOD-0123 For > 500, Deduct	-8.73	

06000 Wood And Plastic
06700 Anchors And Supports
06710 Anchors



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0068 EA 3/4" x 2" Long, Hex Head Bolt.....	13.12	
06MOD-0117 For Galvanized Bolts, Add	0.31	
06MOD-0118 For Stainless Steel Bolts, Add	2.30	
06MOD-0119 For > 10 To 50, Deduct	-0.58	
06MOD-0120 For > 50 To 100, Deduct	-1.20	
06MOD-0121 For > 100 To 250, Deduct	-2.39	
06MOD-0122 For > 250 To 500, Deduct	-4.17	
06MOD-0123 For > 500, Deduct	-5.95	
06710-0069 EA 3/4" x 4" Long, Hex Head Bolt.....	14.47	
06MOD-0117 For Galvanized Bolts, Add	0.45	
06MOD-0118 For Stainless Steel Bolts, Add	3.35	
06MOD-0119 For > 10 To 50, Deduct	-0.61	
06MOD-0120 For > 50 To 100, Deduct	-1.28	
06MOD-0121 For > 100 To 250, Deduct	-2.56	
06MOD-0122 For > 250 To 500, Deduct	-4.45	
06MOD-0123 For > 500, Deduct	-6.34	
06710-0070 EA 3/4" x 6" Long, Hex Head Bolt.....	17.54	
06MOD-0117 For Galvanized Bolts, Add	0.68	
06MOD-0118 For Stainless Steel Bolts, Add	5.07	
06MOD-0119 For > 10 To 50, Deduct	-0.71	
06MOD-0120 For > 50 To 100, Deduct	-1.50	
06MOD-0121 For > 100 To 250, Deduct	-3.00	
06MOD-0122 For > 250 To 500, Deduct	-5.21	
06MOD-0123 For > 500, Deduct	-7.42	
06710-0071 EA 3/4" x 8" Long, Hex Head Bolt.....	19.82	
06MOD-0117 For Galvanized Bolts, Add	0.87	
06MOD-0118 For Stainless Steel Bolts, Add	6.56	
06MOD-0119 For > 10 To 50, Deduct	-0.77	
06MOD-0120 For > 50 To 100, Deduct	-1.65	
06MOD-0121 For > 100 To 250, Deduct	-3.31	
06MOD-0122 For > 250 To 500, Deduct	-5.74	
06MOD-0123 For > 500, Deduct	-8.16	
06710-0072 EA 3/4" x 10" Long, Hex Head Bolt.....	21.63	
06MOD-0117 For Galvanized Bolts, Add	1.11	
06MOD-0118 For Stainless Steel Bolts, Add	8.31	
06MOD-0119 For > 10 To 50, Deduct	-0.80	
06MOD-0120 For > 50 To 100, Deduct	-1.75	
06MOD-0121 For > 100 To 250, Deduct	-3.50	
06MOD-0122 For > 250 To 500, Deduct	-6.05	
06MOD-0123 For > 500, Deduct	-8.60	
06710-0073 EA 3/4" x 12" Long, Hex Head Bolt.....	25.19	
06MOD-0117 For Galvanized Bolts, Add	1.56	
06MOD-0118 For Stainless Steel Bolts, Add	11.70	
06MOD-0119 For > 10 To 50, Deduct	-0.87	
06MOD-0120 For > 50 To 100, Deduct	-1.93	
06MOD-0121 For > 100 To 250, Deduct	-3.87	
06MOD-0122 For > 250 To 500, Deduct	-6.67	
06MOD-0123 For > 500, Deduct	-9.48	
06710-0074 Hex Lag Bolts <small>(06710-0027)</small>		
Note: Includes drilling of holes in any material, zinc plated finish and washer.		
06710-0075 EA 1/4" x 2" Long, Hex Lag Bolt.....	8.19	
06MOD-0117 For Galvanized Bolts, Add	0.03	
06MOD-0118 For Stainless Steel Bolts, Add	0.23	
06MOD-0119 For > 10 To 50, Deduct	-0.40	
06MOD-0120 For > 50 To 100, Deduct	-0.81	
06MOD-0121 For > 100 To 250, Deduct	-1.62	
06MOD-0122 For > 250 To 500, Deduct	-2.83	
06MOD-0123 For > 500, Deduct	-4.04	
06710-0076 EA 1/4" x 4" Long, Hex Lag Bolt.....	8.29	
06MOD-0117 For Galvanized Bolts, Add	0.05	
06MOD-0118 For Stainless Steel Bolts, Add	0.38	
06MOD-0119 For > 10 To 50, Deduct	-0.40	
06MOD-0120 For > 50 To 100, Deduct	-0.81	
06MOD-0121 For > 100 To 250, Deduct	-1.62	
06MOD-0122 For > 250 To 500, Deduct	-2.83	
06MOD-0123 For > 500, Deduct	-4.05	
06710-0077 EA 1/4" x 6" Long, Hex Lag Bolt.....	8.42	
06MOD-0117 For Galvanized Bolts, Add	0.08	
06MOD-0118 For Stainless Steel Bolts, Add	0.57	
06MOD-0119 For > 10 To 50, Deduct	-0.40	
06MOD-0120 For > 50 To 100, Deduct	-0.81	
06MOD-0121 For > 100 To 250, Deduct	-1.63	
06MOD-0122 For > 250 To 500, Deduct	-2.84	
06MOD-0123 For > 500, Deduct	-4.06	
06710-0078 EA 3/8" x 2" Long, Hex Lag Bolt.....	9.08	
06MOD-0117 For Galvanized Bolts, Add	0.06	
06MOD-0118 For Stainless Steel Bolts, Add	0.47	
06MOD-0119 For > 10 To 50, Deduct	-0.44	
06MOD-0120 For > 50 To 100, Deduct	-0.88	
06MOD-0121 For > 100 To 250, Deduct	-1.77	
06MOD-0122 For > 250 To 500, Deduct	-3.09	
06MOD-0123 For > 500, Deduct	-4.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0079 EA 3/8" x 4" Long, Hex Lag Bolt.....	9.89	
06MOD-0117 For Galvanized Bolts, Add	0.10	
06MOD-0118 For Stainless Steel Bolts, Add	0.75	
06MOD-0119 For > 10 To 50, Deduct	-0.47	
06MOD-0120 For > 50 To 100, Deduct	-0.95	
06MOD-0121 For > 100 To 250, Deduct	-1.90	
06MOD-0122 For > 250 To 500, Deduct	-3.32	
06MOD-0123 For > 500, Deduct	-4.75	
06710-0080 EA 3/8" x 6" Long, Hex Lag Bolt.....	10.12	
06MOD-0117 For Galvanized Bolts, Add	0.15	
06MOD-0118 For Stainless Steel Bolts, Add	1.10	
06MOD-0119 For > 10 To 50, Deduct	-0.47	
06MOD-0120 For > 50 To 100, Deduct	-0.96	
06MOD-0121 For > 100 To 250, Deduct	-1.91	
06MOD-0122 For > 250 To 500, Deduct	-3.34	
06MOD-0123 For > 500, Deduct	-4.77	
06710-0081 EA 3/8" x 8" Long, Hex Lag Bolt.....	12.26	
06MOD-0117 For Galvanized Bolts, Add	0.20	
06MOD-0118 For Stainless Steel Bolts, Add	1.47	
06MOD-0119 For > 10 To 50, Deduct	-0.56	
06MOD-0120 For > 50 To 100, Deduct	-1.15	
06MOD-0121 For > 100 To 250, Deduct	-2.31	
06MOD-0122 For > 250 To 500, Deduct	-4.02	
06MOD-0123 For > 500, Deduct	-5.74	
06710-0082 EA 3/8" x 10" Long, Hex Lag Bolt.....	13.27	
06MOD-0117 For Galvanized Bolts, Add	0.27	
06MOD-0118 For Stainless Steel Bolts, Add	2.06	
06MOD-0119 For > 10 To 50, Deduct	-0.60	
06MOD-0120 For > 50 To 100, Deduct	-1.22	
06MOD-0121 For > 100 To 250, Deduct	-2.45	
06MOD-0122 For > 250 To 500, Deduct	-4.27	
06MOD-0123 For > 500, Deduct	-6.09	
06710-0083 EA 1/2" x 2" Long, Hex Lag Bolt.....	10.08	
06MOD-0117 For Galvanized Bolts, Add	0.12	
06MOD-0118 For Stainless Steel Bolts, Add	0.93	
06MOD-0119 For > 10 To 50, Deduct	-0.47	
06MOD-0120 For > 50 To 100, Deduct	-0.96	
06MOD-0121 For > 100 To 250, Deduct	-1.92	
06MOD-0122 For > 250 To 500, Deduct	-3.36	
06MOD-0123 For > 500, Deduct	-4.79	
06710-0084 EA 1/2" x 4" Long, Hex Lag Bolt.....	11.05	
06MOD-0117 For Galvanized Bolts, Add	0.19	
06MOD-0118 For Stainless Steel Bolts, Add	1.43	
06MOD-0119 For > 10 To 50, Deduct	-0.51	
06MOD-0120 For > 50 To 100, Deduct	-1.03	
06MOD-0121 For > 100 To 250, Deduct	-2.07	
06MOD-0122 For > 250 To 500, Deduct	-3.61	
06MOD-0123 For > 500, Deduct	-5.15	
06710-0085 EA 1/2" x 6" Long Hex Lag Bolt.....	12.10	
06MOD-0117 For Galvanized Bolts, Add	0.28	
06MOD-0118 For Stainless Steel Bolts, Add	2.07	
06MOD-0119 For > 10 To 50, Deduct	-0.54	
06MOD-0120 For > 50 To 100, Deduct	-1.11	
06MOD-0121 For > 100 To 250, Deduct	-2.21	
06MOD-0122 For > 250 To 500, Deduct	-3.86	
06MOD-0123 For > 500, Deduct	-5.50	
06710-0086 EA 1/2" x 8" Long, Hex Lag Bolt.....	13.94	
06MOD-0117 For Galvanized Bolts, Add	0.39	
06MOD-0118 For Stainless Steel Bolts, Add	2.93	
06MOD-0119 For > 10 To 50, Deduct	-0.60	
06MOD-0120 For > 50 To 100, Deduct	-1.25	
06MOD-0121 For > 100 To 250, Deduct	-2.50	
06MOD-0122 For > 250 To 500, Deduct	-4.34	
06MOD-0123 For > 500, Deduct	-6.19	
06710-0087 EA 1/2" x 10" Long, Hex Lag Bolt.....	16.50	
06MOD-0117 For Galvanized Bolts, Add	0.52	
06MOD-0118 For Stainless Steel Bolts, Add	3.92	
06MOD-0119 For > 10 To 50, Deduct	-0.69	
06MOD-0120 For > 50 To 100, Deduct	-1.45	
06MOD-0121 For > 100 To 250, Deduct	-2.91	
06MOD-0122 For > 250 To 500, Deduct	-5.06	
06MOD-0123 For > 500, Deduct	-7.21	
06710-0088 EA 1/2" x 12" Long, Hex Lag Bolt.....	18.02	
06MOD-0117 For Galvanized Bolts, Add	0.57	
06MOD-0118 For Stainless Steel Bolts, Add	4.31	
06MOD-0119 For > 10 To 50, Deduct	-0.76	
06MOD-0120 For > 50 To 100, Deduct	-1.59	
06MOD-0121 For > 100 To 250, Deduct	-3.17	
06MOD-0122 For > 250 To 500, Deduct	-5.52	
06MOD-0123 For > 500, Deduct	-7.86	

06000 Wood And Plastic
06700 Anchors And Supports
06710 Anchors



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06710-0089	EA		3/4" x 4" Long, Hex Lag Bolt.....	15.21	
	06MOD-0117		For Galvanized Bolts, Add	0.64	
	06MOD-0118		For Stainless Steel Bolts, Add	4.83	
	06MOD-0119		For > 10 To 50, Deduct	-0.60	
	06MOD-0120		For > 50 To 100, Deduct	-1.28	
	06MOD-0121		For > 100 To 250, Deduct	-2.56	
	06MOD-0122		For > 250 To 500, Deduct	-4.44	
	06MOD-0123		For > 500, Deduct	-6.32	
06710-0090	EA		3/4" x 6" Long, Hex Lag Bolt.....	18.26	
	06MOD-0117		For Galvanized Bolts, Add	0.87	
	06MOD-0118		For Stainless Steel Bolts, Add	6.56	
	06MOD-0119		For > 10 To 50, Deduct	-0.69	
	06MOD-0120		For > 50 To 100, Deduct	-1.50	
	06MOD-0121		For > 100 To 250, Deduct	-3.00	
	06MOD-0122		For > 250 To 500, Deduct	-5.19	
	06MOD-0123		For > 500, Deduct	-7.38	
06710-0091	EA		3/4" x 8" Long, Hex Lag Bolt.....	20.04	
	06MOD-0117		For Galvanized Bolts, Add	1.11	
	06MOD-0118		For Stainless Steel Bolts, Add	8.30	
	06MOD-0119		For > 10 To 50, Deduct	-0.73	
	06MOD-0120		For > 50 To 100, Deduct	-1.59	
	06MOD-0121		For > 100 To 250, Deduct	-3.18	
	06MOD-0122		For > 250 To 500, Deduct	-5.49	
	06MOD-0123		For > 500, Deduct	-7.81	
06710-0092	EA		3/4" x 10" Long, Hex Lag Bolt.....	22.60	
	06MOD-0117		For Galvanized Bolts, Add	1.37	
	06MOD-0118		For Stainless Steel Bolts, Add	10.25	
	06MOD-0119		For > 10 To 50, Deduct	-0.79	
	06MOD-0120		For > 50 To 100, Deduct	-1.75	
	06MOD-0121		For > 100 To 250, Deduct	-3.50	
	06MOD-0122		For > 250 To 500, Deduct	-6.03	
	06MOD-0123		For > 500, Deduct	-8.57	
06710-0093	EA		3/4" X 12" Long, Hex Lag Bolt.....	25.54	
	06MOD-0117		For Galvanized Bolts, Add	1.83	
	06MOD-0118		For Stainless Steel Bolts, Add	13.70	
	06MOD-0119		For > 10 To 50, Deduct	-0.82	
	06MOD-0120		For > 50 To 100, Deduct	-1.87	
	06MOD-0121		For > 100 To 250, Deduct	-3.74	
	06MOD-0122		For > 250 To 500, Deduct	-6.43	
	06MOD-0123		For > 500, Deduct	-9.12	
06710-0094			5300 Series Anchors (06710)		
06710-0095	EA		7" 5300 Series Anchors.....	10.28	
06720			Supports (06700)		
06720-0001			Supports (06720)		
06720-0002			Shear Plates (06720-0001)		
06720-0003	EA		2-5/8" Diameter, Shear Plate.....	7.25	2.38
	06MOD-0124		For > 10 To 50, Deduct	-0.27	
	06MOD-0125		For > 50 To 100, Deduct	-0.58	
	06MOD-0126		For > 100 To 250, Deduct	-1.17	
	06MOD-0127		For > 250 To 500, Deduct	-2.02	
	06MOD-0128		For > 500, Deduct	-2.87	
06720-0004	EA		4" Diameter, Shear Plate.....	9.97	2.51
	06MOD-0124		For > 10 To 50, Deduct	-0.28	
	06MOD-0125		For > 50 To 100, Deduct	-0.67	
	06MOD-0126		For > 100 To 250, Deduct	-1.34	
	06MOD-0127		For > 250 To 500, Deduct	-2.29	
	06MOD-0128		For > 500, Deduct	-3.23	
06720-0005			Sill Anchors (06720-0001)		
06720-0006	EA		Sill Anchor Embedded In Concrete.....	6.11	2.51
	06MOD-0124		For > 10 To 50, Deduct	-0.28	
	06MOD-0125		For > 50 To 100, Deduct	-0.57	
	06MOD-0126		For > 100 To 250, Deduct	-1.14	
	06MOD-0127		For > 250 To 500, Deduct	-2.00	
	06MOD-0128		For > 500, Deduct	-2.85	
06720-0007			Spike Grids (06720-0001)		
06720-0008	EA		4" x 4" Flat Or Curved Spike Grid.....	6.04	2.38
	06MOD-0124		For > 10 To 50, Deduct	-0.27	
	06MOD-0125		For > 50 To 100, Deduct	-0.55	
	06MOD-0126		For > 100 To 250, Deduct	-1.11	
	06MOD-0127		For > 250 To 500, Deduct	-1.93	
	06MOD-0128		For > 500, Deduct	-2.75	
06720-0009			Split Rings (06720-0001)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06720-0010	EA 2-1/2" Diameter Split Ring	6.46	2.38
	06MOD-0124 For > 10 To 50, Deduct	-0.27	
	06MOD-0125 For > 50 To 100, Deduct	-0.56	
	06MOD-0126 For > 100 To 250, Deduct	-1.13	
	06MOD-0127 For > 250 To 500, Deduct	-1.96	
	06MOD-0128 For > 500, Deduct	-2.79	
06720-0011	EA 4" Diameter Split Ring.....	7.69	2.64
	06MOD-0124 For > 10 To 50, Deduct	-0.29	
	06MOD-0125 For > 50 To 100, Deduct	-0.63	
	06MOD-0126 For > 100 To 250, Deduct	-1.26	
	06MOD-0127 For > 250 To 500, Deduct	-2.19	
	06MOD-0128 For > 500, Deduct	-3.11	
06720-0012	Strap Ties <small>(06720-0001)</small>		
06720-0013	EA 1-3/8" Wide x 12" Long, 14 Gauge, Strap Tie	4.30	1.61
	06MOD-0124 For > 10 To 50, Deduct	-0.18	
	06MOD-0125 For > 50 To 100, Deduct	-0.38	
	06MOD-0126 For > 100 To 250, Deduct	-0.75	
	06MOD-0127 For > 250 To 500, Deduct	-1.31	
	06MOD-0128 For > 500, Deduct	-1.86	
06720-0014	EA 1-3/8" Wide x 18" Long, 14 Gauge, Strap Tie	5.12	1.67
	06MOD-0124 For > 10 To 50, Deduct	-0.19	
	06MOD-0125 For > 50 To 100, Deduct	-0.41	
	06MOD-0126 For > 100 To 250, Deduct	-0.82	
	06MOD-0127 For > 250 To 500, Deduct	-1.43	
	06MOD-0128 For > 500, Deduct	-2.03	
06720-0015	EA 1-3/8" Wide x 24" Long, 14 Gauge, Strap Tie	5.95	1.80
	06MOD-0124 For > 10 To 50, Deduct	-0.20	
	06MOD-0125 For > 50 To 100, Deduct	-0.45	
	06MOD-0126 For > 100 To 250, Deduct	-0.90	
	06MOD-0127 For > 250 To 500, Deduct	-1.55	
	06MOD-0128 For > 500, Deduct	-2.20	
06720-0016	EA 1-3/8" Wide x 36" Long, 14 Gauge, Strap Tie	6.92	1.94
	06MOD-0124 For > 10 To 50, Deduct	-0.21	
	06MOD-0125 For > 50 To 100, Deduct	-0.49	
	06MOD-0126 For > 100 To 250, Deduct	-0.99	
	06MOD-0127 For > 250 To 500, Deduct	-1.70	
	06MOD-0128 For > 500, Deduct	-2.41	
06720-0017	Toothed Rings <small>(06720-0001)</small>		
06720-0018	EA 2-5/8" Or 4" Toothed Ring.....	8.05	2.38
	06MOD-0124 For > 10 To 50, Deduct	-0.27	
	06MOD-0125 For > 50 To 100, Deduct	-0.60	
	06MOD-0126 For > 100 To 250, Deduct	-1.21	
	06MOD-0127 For > 250 To 500, Deduct	-2.08	
	06MOD-0128 For > 500, Deduct	-2.95	

END OF SECTION 06

06000 Wood And Plastic

06700 Anchors And Supports

06720 Supports



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07000 Thermal And Moisture Protection

07100 Dampproofing And Waterproofing (07000)

Note: The following prices are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost. Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07110 Dampproofing (07100)

07110-0001 Bituminous Dampproofing (07110)

07110-0002 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray (07110-0001)

07110-0003	CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	124.57
07110-0004	CSF 2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	180.28

07110-0005 Fibrous Asphalt Dampproofing, Troweled On (07110-0001)

07110-0006	CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	165.74
07110-0007	CSF Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On	254.39

07110-0008 Asphaltic Paint Dampproofing (07110-0001)

07110-0009	CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On	119.54
07110-0010	CSF 2 Coats, Asphaltic Paint Dampproofing, Brushed On	97.30

07110-0011 Neoprene Dampproofing Patch Roof (07110)

07110-0012 Neoprene (07110-0001)

07110-0013	SF 1/16" Patch Neoprene Roof (5-20 SF)	22.89
07110-0014	EA Neoprene Grommets, For Sealing Screw Anchors To Be Attached Through Metal Flashing	5.94

Note: Includes anchor and drilling.

07130 Sheet Waterproofing (07100)

07130-0001 Rubberized Membrane Sheet (07130)

07130-0002	SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	3.11	0.68
	<i>07MOD-0006 For Floor Surfaces, Deduct</i>	-0.34	
07130-0003	SF 90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.84	0.68
	Note: Includes primer.		
	<i>07MOD-0006 For Floor Surfaces, Deduct</i>	-0.29	
	<i>07MOD-0126 For Reinforcing Fabric, Add</i>	0.29	
07130-0004	SF 125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.61	
	Note: Includes primer.		
	<i>07MOD-0006 For Floor Surfaces, Deduct</i>	-0.22	
	<i>07MOD-0014 For Application To Horizontal Surfaces, Deduct</i>	-0.15	
	<i>07MOD-0126 For Reinforcing Fabric, Add</i>	0.29	

07130-0005 Ethylene Propylene Diene Monomer (EPDM) (07130)

07130-0006	CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	333.17	95.61
	<i>07MOD-0007 For Application To Horizontal Surfaces, Deduct</i>	-28.68	
07130-0007	CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	398.69	95.61
	<i>07MOD-0007 For Application To Horizontal Surfaces, Deduct</i>	-28.68	

07130-0008 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped (07130)

07130-0009	CSF 1 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	178.02	71.77
	<i>07MOD-0008 For 30# Felt, Add</i>	25.86	
	<i>07MOD-0009 For Application To Horizontal Surfaces, Deduct</i>	-21.53	
07130-0010	CSF 2 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	215.79	80.74
	<i>07MOD-0008 For 30# Felt, Add</i>	40.73	
	<i>07MOD-0009 For Application To Horizontal Surfaces, Deduct</i>	-24.22	
07130-0011	CSF 3 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	253.56	89.71
	<i>07MOD-0008 For 30# Felt, Add</i>	55.61	
	<i>07MOD-0009 For Application To Horizontal Surfaces, Deduct</i>	-26.91	
07130-0012	CSF 4 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	291.33	98.68
	<i>07MOD-0008 For 30# Felt, Add</i>	70.48	
	<i>07MOD-0009 For Application To Horizontal Surfaces, Deduct</i>	-29.60	
07130-0013	CSF 5 Ply, 15# Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	329.11	107.65
	<i>07MOD-0008 For 30# Felt, Add</i>	85.35	
	<i>07MOD-0009 For Application To Horizontal Surfaces, Deduct</i>	-32.30	

07130-0014 Asphalt Coated Protective Board (07130)

07130-0015	CSF 1/8" Asphalt Coated Protective Board	166.66	65.77
	<i>07MOD-0010 For Application To Horizontal Surfaces, Deduct</i>	-21.93	

07000 Thermal And Moisture Protection**07100 Dampproofing And Waterproofing****07130 Sheet Waterproofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07130-0016	CSF		1/4" Asphalt Coated Protective Board.....	229.05	68.29
	07MOD-0010		For Application To Horizontal Surfaces, Deduct	-22.77	
07130-0017	CSF		3/8" Asphalt Coated Protective Board.....	304.29	71.17
	07MOD-0010		For Application To Horizontal Surfaces, Deduct	-23.71	
07130-0018	CSF		1/2" Asphalt Coated Protective Board.....	342.07	74.03
	07MOD-0010		For Application To Horizontal Surfaces, Deduct	-24.68	
07131 Elastomeric Membrane Waterproofing (07100)					
07131-0001 Butyl Sheet Waterproofing (07131)					
07131-0002	CSF		1/32" Butyl Sheet Waterproofing.....	72.36	23.90
	07MOD-0011		For Joint Taping, Add	9.13	
	07MOD-0012		For Each Additional Ply, Add	53.05	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0003	CSF		1/16" Butyl Sheet Waterproofing.....	87.76	23.90
	07MOD-0011		For Joint Taping, Add	9.90	
	07MOD-0012		For Each Additional Ply, Add	63.83	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0004 Butyl With Nylon (07131)					
07131-0005	CSF		1/32" Butyl Elastomeric Waterproofing With Nylon.....	81.16	23.90
	07MOD-0011		For Joint Taping, Add	9.57	
	07MOD-0012		For Each Additional Ply, Add	59.21	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0006	CSF		1/16" Butyl Elastomeric Waterproofing With Nylon.....	91.06	23.90
	07MOD-0011		For Joint Taping, Add	10.06	
	07MOD-0012		For Each Additional Ply, Add	66.14	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0007 Neoprene Sheet Waterproofing (07131)					
07131-0008	CSF		1/32" Neoprene Sheet Waterproofing.....	131.82	23.90
	07MOD-0011		For Joint Taping, Add	12.10	
	07MOD-0012		For Each Additional Ply, Add	94.67	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0009	CSF		1/16" Neoprene Sheet Waterproofing.....	197.38	23.90
	07MOD-0011		For Joint Taping, Add	15.38	
	07MOD-0012		For Each Additional Ply, Add	140.56	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0010 Neoprene With Nylon (07131)					
07131-0011	CSF		1/32" Neoprene Elastomeric Waterproofing With Nylon.....	138.66	23.90
	07MOD-0011		For Joint Taping, Add	12.44	
	07MOD-0012		For Each Additional Ply, Add	99.46	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0012	CSF		1/16" Neoprene Elastomeric Waterproofing With Nylon.....	208.31	23.90
	07MOD-0011		For Joint Taping, Add	15.92	
	07MOD-0012		For Each Additional Ply, Add	148.21	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-3.59	
07131-0013 Plastic Vapor Barrier (Polyethylene) (07131)					
07131-0014	CSF		4 Mil Polyethylene Vapor Barrier.....	19.16	7.85
	07MOD-0011		For Joint Taping, Add	4.96	
	07MOD-0012		For Each Additional Ply, Add	15.15	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-2.61	
07131-0015	CSF		6 Mil Polyethylene Vapor Barrier.....	19.96	7.85
	07MOD-0011		For Joint Taping, Add	5.00	
	07MOD-0012		For Each Additional Ply, Add	15.71	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-2.61	
07131-0016	CSF		10 Mil Polyethylene Vapor Barrier.....	22.33	7.85
	07MOD-0011		For Joint Taping, Add	5.11	
	07MOD-0012		For Each Additional Ply, Add	17.37	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-2.61	
07131-0017	CSF		60 Mil Polyethylene Vapor Barrier With Bentonite.....	83.71	7.85
			Note: Includes seam tape, liquid mastic, anchors and termination bar.		
	07MOD-0011		For Joint Taping, Add	8.63	
	07MOD-0012		For Each Additional Ply, Add	60.53	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-2.90	
07131-0018 Plastic Vapor Barrier (PVC) (07131)					
07131-0019	CSF		10 Mil PVC Vapor Barrier.....	31.00	8.69
	07MOD-0011		For Joint Taping, Add	5.55	
	07MOD-0012		For Each Additional Ply, Add	23.44	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-2.61	
07131-0020	CSF		20 Mil PVC Vapor Barrier.....	41.56	9.01
	07MOD-0011		For Joint Taping, Add	6.23	
	07MOD-0012		For Each Additional Ply, Add	30.90	
	07MOD-0013		For Application To Horizontal Surfaces, Deduct	-2.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07131-0021 CSF 30 Mil PVC Vapor Barrier.....	55.80	9.33
07MOD-0011 For Joint Taping, Add	7.08	
07MOD-0012 For Each Additional Ply, Add	40.93	
07MOD-0013 For Application To Horizontal Surfaces, Deduct	-2.80	
07131-0022 Vinyl Plastic Vapor Barrier (07131)		
07131-0023 CSF Tu-Tuf 4, 4-Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints	24.35	8.04
07160 Cementitious And Reactive Waterproofing (07100)		
07160-0001 Cementitious Waterproofing (07160)		
07160-0002 SF Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....	3.02	
Note: As manufactured by Thoro Consumer Products.		
07160-0003 SF Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	3.64	
07160-0004 Metallic Oxide Waterproofing (07160)		
Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03540-0001 for self leveling underlayment for concrete floors.		
07160-0005 CSF Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller).....	308.81	
07MOD-0010 For Application To Horizontal Surfaces, Deduct	-40.56	
07170 Bentonite Waterproofing (07100)		
07170-0001 Panels (07170)		
07170-0002 CSF 3/16" Bentonite Waterproofing Panels.....	293.75	78.47
07MOD-0015 For Application To Horizontal Surfaces, Deduct	-23.55	
07170-0003 CSF 1/4" Bentonite Waterproofing Panels	265.46	82.91
07MOD-0015 For Application To Horizontal Surfaces, Deduct	-25.48	
07170-0004 CSF 5/8" Bentonite Waterproofing Panels.....	372.63	86.46
07MOD-0015 For Application To Horizontal Surfaces, Deduct	-25.93	
07170-0005 CSF 3/8" Granular Bentonite, Troweled.....	300.08	71.91
07MOD-0015 For Application To Horizontal Surfaces, Deduct	-21.57	
07190 Water Repellants (07100)		
07190-0001 Acrylic Water Repellents, Wall Sealant (07190)		
Note: Per coat		
07190-0002 SF Spray On Vertical Wall Protection Sealing System.....	1.58	
Note: Concrete, poured or precast wall.		
07190-0003 SF Spray On Vertical Wall Protection Sealing System, Concrete Block Or Brick.....	1.89	
07190-0004 SF Spray On Vertical Wall Protection Sealing System, Stone	2.11	
07190-0005 SF Mopped On Vertical Wall Protection Sealing System	2.65	
Note: Concrete, poured or precast wall.		
07190-0006 SF Mopped On Vertical Wall Protection Sealing System, Concrete Block.....	2.84	
07190-0007 SF Mopped On Vertical Wall Protection Sealing System, Stone	3.19	
07190-0008 Silicone Water Repellants (07190)		
07190-0009 Sprayed On Silicone Water Repellants (07190-0008)		
07190-0010 CSF Silicone Retarder, 1 Coat On Concrete, Sprayed	80.40	
07190-0011 CSF Silicone Retarder, 2 Coats On Concrete, Sprayed	124.37	
07190-0012 CSF Silicone Retarder, 1 Coat On Concrete Masonry Unit, Sprayed	93.10	
07190-0013 CSF Silicone Retarder, 2 Coats On Concrete Masonry Unit, Sprayed	153.26	
07190-0014 CSF Silicone Retarder, 1 Coat On Brick, Sprayed.....	116.93	
07190-0015 CSF Silicone Retarder, 2 Coats On Brick, Sprayed.....	196.54	
07200 Thermal Protection (07000)		
07210 Building Insulation (07200)		
Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.		
07210-0001 Fiberglass Flexible Insulation (07210)		
Note: Rolls or batts.		
07210-0002 Kraft Faced, Fiberglass Flexible Insulation (07210-0001)		
07210-0003 SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	0.81	0.24
07210-0004 SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	0.88	0.24
07210-0005 SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	0.90	0.24
07210-0006 SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	1.19	0.24
07210-0007 SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	0.98	0.24
07210-0008 SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	1.52	0.30
07210-0009 SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	1.62	0.30

07000 Thermal And Moisture Protection**07200 Thermal Protection****07210 Building Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07210-0010		Unfaced, Fiberglass Flexible Insulation (07210-0001)		
07210-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	0.77	0.24
07210-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	0.85	0.24
07210-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.13	0.24
07210-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	1.14	0.24
07210-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	0.95	0.24
07210-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	1.43	0.30
07210-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	1.57	0.30
07210-0018		Foil Faced, Fiberglass Flexible Insulation (07210-0001)		
07210-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation.....	0.93	0.24
07210-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation.....	1.05	0.24
07210-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation.....	1.13	0.24
07210-0022	SF	10-1/4" Thick, Foil Faced, R-30 Fiberglass Flexible Insulation.....	1.70	0.30
07210-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation.....	1.83	0.30
07210-0024		Poly-Encapsulated, Fiberglass Flexible Insulation (07210-0001)		
07210-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation.....	0.83	0.24
07210-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation.....	0.90	0.24
07210-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation.....	1.23	0.24
07210-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation.....	0.99	0.24
07210-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation.....	1.52	0.30
07210-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation.....	1.57	0.30
07210-0031		Mineral Wool Flexible Insulation (07210)		
07210-0032		Kraft Faced, Mineral Wool Flexible Insulation (07210-0031)		
07210-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....	0.91	0.24
07210-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....	1.21	0.24
07210-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....	1.95	0.24
07210-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....	2.23	0.24
07210-0037		Unfaced, Mineral Wool Flexible Insulation (07210-0031)		
07210-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation.....	0.85	0.24
07210-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation.....	1.11	0.24
07210-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation.....	1.75	0.24
07210-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation.....	1.99	0.24
07210-0042		Natural Cotton Insulation (07210)		
07210-0043		UltraTouch Natural Cotton Insulation (07210-0042)		
		Note: 85% recycled denim cotton		
07210-0044	SF	3-1/2", R-13 UltraTouch Natural Cotton Insulation.....	1.26	0.24
07210-0045	SF	5-1/2", R-19 UltraTouch Natural Cotton Insulation.....	1.42	0.24
07210-0046	SF	5-1/2", R-21 UltraTouch Natural Cotton Insulation.....	1.59	0.24
07210-0047	SF	8", R-30 UltraTouch Natural Cotton Insulation.....	2.17	0.24
07211		Loose Fill Insulation (07200)		
07211-0001		Blown-In Insulation (07211)		
07211-0002		Fiberglass Blown-In Insulation (07211-0001)		
07211-0003		Attic, Fiberglass Blown-In Insulation (07211-0002)		
07211-0004	SF	3-3/4" Thick, R-13 Attic, Fiberglass Blown-In Insulation.....	0.92	0.71
07211-0005	SF	6-1/4" Thick, R-19 Attic, Fiberglass Blown-In Insulation.....	1.16	0.85
07211-0006	SF	7-1/4" Thick, R-22 Attic, Fiberglass Blown-In Insulation.....	1.28	0.92
07211-0007	SF	10-1/4" Thick, R-30 Attic, Fiberglass Blown-In Insulation.....	1.50	1.00
07211-0008	SF	12-3/4" Thick, R-38 Attic, Fiberglass Blown-In Insulation.....	1.70	1.07
07211-0009	SF	13-1/2" Thick, R-40 Attic, Fiberglass Blown-In Insulation.....	1.85	1.14
07211-0010	SF	14-3/4" Thick, R-44 Attic, Fiberglass Blown-In Insulation.....	1.89	1.14
07211-0011	SF	16-1/2" Thick, R-49 Attic, Fiberglass Blown-In Insulation.....	1.98	1.14
07211-0012	SF	19" Thick, R-56 Attic, Fiberglass Blown-In Insulation.....	2.17	1.14
07211-0013	SF	21" Thick, R-60 Attic, Fiberglass Blown-In Insulation.....	2.18	1.14
07211-0014		New Wall, Fiberglass Blown-In Insulation (07211-0002)		
07211-0015	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown-In Insulation.....	1.28	0.71
07211-0016	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown-In Insulation.....	1.70	0.85
07211-0017	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown-In Insulation.....	2.01	0.92
07211-0018	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown-In Insulation.....	2.39	1.00



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07211-0019	Existing Wall, Fiberglass Blown-In Insulation (07211-0002) Note: Includes drilling. Excludes patching.		
07211-0020	SF 3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown-In Insulation	1.21	0.71
07211-0021	SF 5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown-In Insulation	1.63	0.85
07211-0022	SF 7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown-In Insulation	1.94	0.92
07211-0023	SF 9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown-In Insulation	2.33	1.00
07211-0024	Cellulose Blown-In Insulation (07211-0001)		
07211-0025	Attic, Cellulose Blown-In Insulation (07211-0024)		
07211-0026	SF 3-3/4" Thick, R-13 Attic, Cellulose Blown-In Insulation	0.93	0.71
07211-0027	SF 5-1/2" Thick, R-19 Attic, Cellulose Blown-In Insulation	1.12	0.78
07211-0028	SF 6-1/4" Thick, R-22 Attic, Cellulose Blown-In Insulation	1.25	0.85
07211-0029	SF 7-3/4" Thick, R-28 Attic, Cellulose Blown-In Insulation	1.45	0.92
07211-0030	SF 8-1/2" Thick, R-30 Attic, Cellulose Blown-In Insulation	1.48	0.92
07211-0031	SF 10-1/2" Thick, R-38 Attic, Cellulose Blown-In Insulation	1.73	1.00
07211-0032	SF 11" Thick, R-40 Attic, Cellulose Blown-In Insulation	1.78	1.00
07211-0033	SF 13-3/4" Thick, R-50 Attic, Cellulose Blown-In Insulation	2.07	1.07
07211-0034	SF 16-1/2" Thick, R-60 Attic, Cellulose Blown-In Insulation	2.36	1.14
07211-0035	New Wall, Cellulose Blown-In Insulation (07211-0024)		
07211-0036	SF 3-1/2" Thick, R-13 New Wall, Cellulose Blown-In Insulation	1.24	0.71
07211-0037	SF 5-1/2" Thick, R-20 New Wall, Cellulose Blown-In Insulation	1.65	0.85
07211-0038	SF 7-1/4" Thick, R-27 New Wall, Cellulose Blown-In Insulation	1.94	0.92
07211-0039	SF 9-1/4" Thick, R-34 New Wall, Cellulose Blown-In Insulation	2.31	1.00
07211-0040	Existing Wall, Cellulose Blown-In Insulation (07211-0024) Note: Includes drilling. Excludes patching.		
07211-0041	SF 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown-In Insulation	1.18	0.71
07211-0042	SF 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown-In Insulation	1.59	0.85
07211-0043	SF 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown-In Insulation	1.88	0.92
07211-0044	SF 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown-In Insulation	2.25	1.00
07211-0045	Poured Type, Loose Fill Insulation (07211)		
07211-0046	CF R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation	3.69	1.41
07211-0047	CF R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation	3.97	1.41
07211-0048	Concrete Block Wall Cavity Insulation (07211)		
07211-0049	CF R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	5.66	1.41
07211-0050	CF R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	5.63	1.41
07212	Rigid Insulation (07200) Note: Types are stock sizes, mastic applied.		
07212-0001	Rigid Board Insulation (07212)		
07212-0002	High-Density Fiberboard, Mineral Board Insulation (07212-0001)		
07212-0003	SF 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation	0.67	0.25
	07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
	07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
	07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0004	SF 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation	0.86	0.26
	07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
	07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
	07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0005	SF 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation	1.04	0.28
	07MOD-0016 For Horizontal Surface Application, Deduct	-0.05	
	07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
	07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0006	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation	1.39	0.30
	07MOD-0016 For Horizontal Surface Application, Deduct	-0.05	
	07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
	07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0007	SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation	1.72	0.33
	07MOD-0016 For Horizontal Surface Application, Deduct	-0.06	
	07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
	07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0008	SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation	2.39	0.39
	07MOD-0016 For Horizontal Surface Application, Deduct	-0.06	
	07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
	07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0009	Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07212-0001)		

07000 Thermal And Moisture Protection**07200 Thermal Protection****07212 Rigid Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07212-0010	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	0.98	0.28
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.05	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0011	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	1.59	0.33
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.06	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0012	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	2.20	0.39
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.06	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0013		Fiberglass, Fibrous Board Insulation (07212-0001)		
07212-0014	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation	2.01	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0015	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation	2.28	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0016	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation	2.88	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0017	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation	3.36	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0018	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation	3.85	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
		07MOD-0018 For Factory Painted On One Surface Add	0.17	
07212-0019		Foam Glass (Cellular Glass), Foam Board Insulation (07212-0001)		
07212-0020	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation.....	1.70	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0021	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation.....	2.50	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0022	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation.....	3.04	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0023	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation.....	4.11	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0024		Expanded Polystyrene, Foam Board Insulation (07212-0001)		
07212-0025	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	0.57	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0026	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	0.61	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0027	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	0.75	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0028	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	0.88	0.22
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0029	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.40	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0030	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.92	0.23
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0031	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.44	0.24
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0032	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.95	0.24
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0033	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.47	0.25
		07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
		07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07212-0034		Extruded Polystyrene, Foam Board Insulation (07212-0001)		
		Note: 15 PSI compressive strength.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07212-0035 SF 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation	0.69	0.22
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.05	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.13	
07MOD-0155 For 60 PSI Compressive Strength, Add	0.21	
07MOD-0157 For 115 PSI Compressive Strength, Add	0.88	
07212-0036 SF 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation	0.85	0.22
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.08	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.19	
07MOD-0155 For 60 PSI Compressive Strength, Add	0.30	
07MOD-0157 For 115 PSI Compressive Strength, Add	1.30	
07212-0037 SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation	0.99	0.22
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.10	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.24	
07MOD-0155 For 60 PSI Compressive Strength, Add	0.38	
07MOD-0157 For 115 PSI Compressive Strength, Add	1.63	
07212-0038 SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation	1.07	0.22
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.11	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.27	
07MOD-0155 For 60 PSI Compressive Strength, Add	0.42	
07MOD-0157 For 115 PSI Compressive Strength, Add	1.84	
07212-0039 SF 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation	1.77	0.23
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.22	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.53	
07MOD-0155 For 60 PSI Compressive Strength, Add	0.83	
07MOD-0157 For 115 PSI Compressive Strength, Add	3.61	
07212-0040 SF 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation	2.48	0.23
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.33	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.79	
07MOD-0155 For 60 PSI Compressive Strength, Add	1.23	
07MOD-0157 For 115 PSI Compressive Strength, Add	5.41	
07212-0041 SF 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation	2.84	0.24
07MOD-0016 For Horizontal Surface Application, Deduct	-0.04	
07MOD-0017 For Vapor Barrier, Integral With Insulation, Add	0.05	
07MOD-0153 For 25 PSI Compressive Strength, Add	0.39	
07MOD-0154 For 40 PSI Compressive Strength, Add	0.93	
07MOD-0155 For 60 PSI Compressive Strength, Add	1.44	
07MOD-0157 For 115 PSI Compressive Strength, Add	6.31	

07213 Rigid Roofing Insulation (07200)

Note: Use these tasks for specified related installations with roofing systems per CSI section 07500. Tasks are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07213-0001 Rigid Board Roofing Insulation (07213)

07213-0002 High-Density Fiberboard, Roof Board Insulation (07213-0001)

07213-0003 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation	1.29	0.44
07MOD-0131 For Hot-Mopped, Deduct	-0.14	
07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0004 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation	1.50	0.46
07MOD-0131 For Hot-Mopped, Deduct	-0.13	
07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
07MOD-0138 For Mechanically Fastened To Concrete, Add	0.14	
07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.28	
07213-0005 SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation	1.71	0.49
07MOD-0131 For Hot-Mopped, Deduct	-0.13	
07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
07MOD-0138 For Mechanically Fastened To Concrete, Add	0.16	
07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.30	
07213-0006 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation	2.09	0.54
07MOD-0131 For Hot-Mopped, Deduct	-0.12	
07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
07MOD-0139 For Mechanically Fastened To Concrete, Add	0.22	
07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.33	
07213-0007 SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation	2.46	0.59
07MOD-0131 For Hot-Mopped, Deduct	-0.11	
07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
07MOD-0139 For Mechanically Fastened To Concrete, Add	0.24	
07MOD-0145 For Mechanically Fastened To Gypsum, Add	0.36	

07000 Thermal And Moisture Protection**07200 Thermal Protection****07213 Rigid Roofing Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07213-0008			Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07213-0001)		
07213-0009	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation.....	1.40	0.49
	07MOD-0131		For Hot-Mopped, Deduct	-0.13	
	07MOD-0132		For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138		For Mechanically Fastened To Concrete, Add	0.16	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.30	
07213-0010	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation.....	1.65	0.49
	07MOD-0131		For Hot-Mopped, Deduct	-0.13	
	07MOD-0132		For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138		For Mechanically Fastened To Concrete, Add	0.16	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.30	
07213-0011			Perlite, Roof Board Insulation (07213-0001)		
07213-0012	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation.....	1.25	0.39
	07MOD-0131		For Hot-Mopped, Deduct	-0.15	
	07MOD-0132		For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138		For Mechanically Fastened To Concrete, Add	0.10	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.24	
07213-0013	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation.....	1.38	0.39
	07MOD-0131		For Hot-Mopped, Deduct	-0.15	
	07MOD-0132		For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138		For Mechanically Fastened To Concrete, Add	0.10	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.24	
07213-0014	SF		1" Thick, R2.78, Perlite, Roof Board Insulation.....	1.51	0.39
	07MOD-0131		For Hot-Mopped, Deduct	-0.15	
	07MOD-0132		For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138		For Mechanically Fastened To Concrete, Add	0.10	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.24	
07213-0015	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation.....	1.86	0.40
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0133		For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139		For Mechanically Fastened To Concrete, Add	0.14	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.25	
07213-0016	SF		2" Thick, R5.56, Perlite, Roof Board Insulation.....	2.09	0.40
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0133		For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139		For Mechanically Fastened To Concrete, Add	0.14	
	07MOD-0145		For Mechanically Fastened To Gypsum, Add	0.26	
07213-0017			Basalt Rock Wool, Roof Board Insulation (07213-0001)		
07213-0018	SF		1" Thick, R3.5, Basalt Rock Wool, Roof Board Insulation.....	1.70	0.39
	07MOD-0131		For Hot-Mopped, Deduct	-0.15	
	07MOD-0132		For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138		For Mechanically Fastened To Concrete, Add	0.10	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.24	
07213-0019	SF		2" Thick, R7.4, Basalt Rock Wool, Roof Board Insulation.....	2.26	0.40
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0133		For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139		For Mechanically Fastened To Concrete, Add	0.14	
	07MOD-0145		For Mechanically Fastened To Gypsum, Add	0.26	
07213-0020	SF		3" Thick, R11.1, Basalt Rock Wool, Roof Board Insulation.....	2.93	0.41
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0134		For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
	07MOD-0140		For Mechanically Fastened To Concrete, Add	0.18	
	07MOD-0147		For Mechanically Fastened To Gypsum, Add	0.31	
07213-0021			Foam Glass (Cellular Glass), Roof Board Insulation (07213-0001)		
07213-0022	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation.....	3.10	0.40
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0133		For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139		For Mechanically Fastened To Concrete, Add	0.14	
	07MOD-0144		For Mechanically Fastened To Gypsum, Add	0.25	
07213-0023	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation.....	3.64	0.40
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0133		For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139		For Mechanically Fastened To Concrete, Add	0.14	
	07MOD-0145		For Mechanically Fastened To Gypsum, Add	0.26	
07213-0024	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation.....	4.72	0.41
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0134		For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
	07MOD-0140		For Mechanically Fastened To Concrete, Add	0.18	
	07MOD-0147		For Mechanically Fastened To Gypsum, Add	0.31	
07213-0025	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation.....	5.79	0.41
	07MOD-0131		For Hot-Mopped, Deduct	-0.14	
	07MOD-0135		For Mechanically Fastened To Wood Or Steel, Deduct	-0.02	
	07MOD-0141		For Mechanically Fastened To Concrete, Add	0.21	
	07MOD-0148		For Mechanically Fastened To Gypsum, Add	0.32	
07213-0026			Molded Expanded Polystyrene, Roof Board Insulation (07213-0001)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07213-0027	SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.12	0.36
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.09	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.23	
07213-0028	SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.17	0.36
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.09	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.23	
07213-0029	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.30	0.37
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.09	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.23	
07213-0030	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.43	0.37
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.09	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.23	
07213-0031	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.96	0.38
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0145 For Mechanically Fastened To Gypsum, Add	0.25	
07213-0032	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	2.48	0.39
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0134 For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
	07MOD-0140 For Mechanically Fastened To Concrete, Add	0.16	
	07MOD-0147 For Mechanically Fastened To Gypsum, Add	0.29	
07213-0033	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.02	0.40
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0135 For Mechanically Fastened To Wood Or Steel, Deduct	-0.02	
	07MOD-0141 For Mechanically Fastened To Concrete, Add	0.20	
	07MOD-0149 For Mechanically Fastened To Gypsum, Add	0.34	
07213-0034	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.54	0.40
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0136 For Mechanically Fastened To Wood Or Steel, Add	0.05	
	07MOD-0142 For Mechanically Fastened To Concrete, Add	0.27	
	07MOD-0150 For Mechanically Fastened To Gypsum, Add	0.37	
07213-0035	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	4.07	0.41
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0137 For Mechanically Fastened To Wood Or Steel, Add	0.17	
	07MOD-0143 For Mechanically Fastened To Concrete, Add	0.40	
	07MOD-0151 For Mechanically Fastened To Gypsum, Add	0.45	
07213-0036	Extruded Polystyrene, Roof Board Insulation (07213-0001)		
	Note: 15 PSI compressive strength.		
07213-0037	SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation	1.58	0.39
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.10	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.24	
	07MOD-0153 For 25 PSI Compressive Strength, Add	0.15	
	07MOD-0154 For 40 PSI Compressive Strength, Add	0.35	
	07MOD-0155 For 60 PSI Compressive Strength, Add	0.57	
	07MOD-0157 For 115 PSI Compressive Strength, Add	2.46	
07213-0038	SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation	1.66	0.39
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.10	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.24	
	07MOD-0153 For 25 PSI Compressive Strength, Add	0.16	
	07MOD-0154 For 40 PSI Compressive Strength, Add	0.38	
	07MOD-0155 For 60 PSI Compressive Strength, Add	0.62	
	07MOD-0157 For 115 PSI Compressive Strength, Add	2.66	
07213-0039	SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation	2.00	0.39
	07MOD-0131 For Hot-Mopped, Deduct	-0.15	
	07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.24	
	07MOD-0153 For 25 PSI Compressive Strength, Add	0.22	
	07MOD-0154 For 40 PSI Compressive Strength, Add	0.51	
	07MOD-0155 For 60 PSI Compressive Strength, Add	0.82	
	07MOD-0156 For 100 PSI Compressive Strength, Add	1.05	
	07MOD-0157 For 115 PSI Compressive Strength, Add	3.53	
07213-0040	SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation	2.37	0.40
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
	07MOD-0139 For Mechanically Fastened To Concrete, Add	0.14	
	07MOD-0145 For Mechanically Fastened To Gypsum, Add	0.26	
	07MOD-0153 For 25 PSI Compressive Strength, Add	0.27	
	07MOD-0154 For 40 PSI Compressive Strength, Add	0.65	
	07MOD-0155 For 60 PSI Compressive Strength, Add	1.02	
	07MOD-0157 For 115 PSI Compressive Strength, Add	4.44	

07000 Thermal And Moisture Protection**07200 Thermal Protection****07213 Rigid Roofing Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07213-0041	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation	2.72	0.40
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0134 For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
		07MOD-0140 For Mechanically Fastened To Concrete, Add	0.17	
		07MOD-0146 For Mechanically Fastened To Gypsum, Add	0.28	
		07MOD-0153 For 25 PSI Compressive Strength, Add	0.33	
		07MOD-0154 For 40 PSI Compressive Strength, Add	0.78	
		07MOD-0155 For 60 PSI Compressive Strength, Add	1.22	
		07MOD-0156 For 100 PSI Compressive Strength, Add	1.57	
		07MOD-0157 For 115 PSI Compressive Strength, Add	5.34	
07213-0042	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation	3.09	0.41
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0134 For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
		07MOD-0140 For Mechanically Fastened To Concrete, Add	0.18	
		07MOD-0147 For Mechanically Fastened To Gypsum, Add	0.31	
		07MOD-0153 For 25 PSI Compressive Strength, Add	0.38	
		07MOD-0154 For 40 PSI Compressive Strength, Add	0.91	
		07MOD-0155 For 60 PSI Compressive Strength, Add	1.43	
		07MOD-0157 For 115 PSI Compressive Strength, Add	6.24	
07213-0043	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation	3.45	0.42
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0135 For Mechanically Fastened To Wood Or Steel, Deduct	-0.02	
		07MOD-0141 For Mechanically Fastened To Concrete, Add	0.21	
		07MOD-0149 For Mechanically Fastened To Gypsum, Add	0.35	
		07MOD-0153 For 25 PSI Compressive Strength, Add	0.44	
		07MOD-0154 For 40 PSI Compressive Strength, Add	1.05	
		07MOD-0155 For 60 PSI Compressive Strength, Add	1.63	
		07MOD-0157 For 115 PSI Compressive Strength, Add	7.14	
07213-0044		Polyisocyanurate Board Roofing Insulation (07213-0001)	1.43	0.39
07213-0045	SF	3/4" Thick, R5.1, Polyisocyanurate, Roof Board Insulation	1.43	0.39
		07MOD-0131 For Hot-Mopped, Deduct	-0.15	
		07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
		07MOD-0138 For Mechanically Fastened To Concrete, Add	0.10	
		07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.24	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0046	SF	1" Thick, R7.14, Polyisocyanurate, Roof Board Insulation	1.48	0.39
		07MOD-0131 For Hot-Mopped, Deduct	-0.15	
		07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
		07MOD-0138 For Mechanically Fastened To Concrete, Add	0.10	
		07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.24	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0047	SF	1-1/2" Thick, R10.87, Polyisocyanurate, Roof Board Insulation	1.56	0.40
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
		07MOD-0139 For Mechanically Fastened To Concrete, Add	0.14	
		07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.25	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0048	SF	2" Thick, R14.29, Polyisocyanurate, Roof Board Insulation	1.77	0.40
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0133 For Mechanically Fastened To Wood Or Steel, Deduct	-0.08	
		07MOD-0139 For Mechanically Fastened To Concrete, Add	0.14	
		07MOD-0145 For Mechanically Fastened To Gypsum, Add	0.26	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0049	SF	2-1/2" Thick, R16.67, Polyisocyanurate, Roof Board Insulation	1.97	0.41
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0134 For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
		07MOD-0140 For Mechanically Fastened To Concrete, Add	0.17	
		07MOD-0146 For Mechanically Fastened To Gypsum, Add	0.28	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0050	SF	3" Thick, R21.74, Polyisocyanurate, Roof Board Insulation	2.18	0.41
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0134 For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
		07MOD-0140 For Mechanically Fastened To Concrete, Add	0.18	
		07MOD-0147 For Mechanically Fastened To Gypsum, Add	0.31	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0051	SF	3-1/2" Thick, R25, Polyisocyanurate, Roof Board Insulation	2.40	0.42
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0135 For Mechanically Fastened To Wood Or Steel, Deduct	-0.02	
		07MOD-0141 For Mechanically Fastened To Concrete, Add	0.21	
		07MOD-0148 For Mechanically Fastened To Gypsum, Add	0.32	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0052	SF	4" Thick, R28.8, Polyisocyanurate, Roof Board Insulation	2.59	0.42
		07MOD-0131 For Hot-Mopped, Deduct	-0.14	
		07MOD-0135 For Mechanically Fastened To Wood Or Steel, Deduct	-0.02	
		07MOD-0141 For Mechanically Fastened To Concrete, Add	0.21	
		07MOD-0149 For Mechanically Fastened To Gypsum, Add	0.35	
		07MOD-0152 For Foil Coating, Integral With Insulation, Add	0.36	
07213-0053		Gypsum-Fiber, Roof Board Insulation (USG Securock) (07213-0001)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07213-0054	SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.54	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0055	SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.62	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0056	SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.68	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0057	SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.71	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0058	Glass-Mat, Roof Board Insulation (USG Securock) (07213-0001)		
07213-0059	SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.51	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0060	SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.64	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0061	SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.66	0.44
	07MOD-0131 For Hot-Mopped, Deduct	-0.14	
	07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct	-0.11	
	07MOD-0138 For Mechanically Fastened To Concrete, Add	0.13	
	07MOD-0144 For Mechanically Fastened To Gypsum, Add	0.27	
07213-0062	Rigid Tapered Board Insulation For Roofs (07213)		
	Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required.		
07213-0063	SF 1/8" Tapered Mineral Fiberboard	4.32	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.80	
07213-0064	SF 1/4" Tapered Mineral Fiberboard	4.58	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.88	
07213-0065	SF 1/2" Tapered Mineral Fiberboard	4.87	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.98	
07213-0066	SF 1/8" Tapered Polyisocyanurate Board	4.62	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.80	
07213-0067	SF 1/4" Tapered Polyisocyanurate Board	4.88	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.88	
07213-0068	SF 1/2" Tapered Polyisocyanurate Board	5.18	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.98	
07213-0069	SF 1/8" Tapered Extruded Polystyrene Board	4.51	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.80	
07213-0070	SF 1/4" Tapered Extruded Polystyrene Board	4.78	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.88	
07213-0071	SF 1/2" Tapered Extruded Polystyrene Board	5.09	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.98	
07213-0072	SF 1/8" Tapered Expanded Polystyrene Board	4.04	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.80	
07213-0073	SF 1/4" Tapered Expanded Polystyrene Board	4.30	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.88	
07213-0074	SF 1/2" Tapered Expanded Polystyrene Board	4.60	1.13
	07MOD-0019 For Setting In Hot Asphalt, Add	0.98	
07230	Roof And Deck Insulation (07200)		
07230-0001	Lightweight Insulating Concrete (07230) See CSI section 03520-0000 for insulating concrete roof deck.		
07230-0002	Rigid Board Insulation (07230) See CSI section 07213-0000 for rigid insulation for roofs.		
07240	Synthetic Stucco (07200)		
07240-0001	Exterior Insulation Finishing System (EIFS) (07240)		
07240-0002	SF 1" EIFS Synthetic Stucco System, With Antibacterial Color Finish	8.82	1.33
	Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.		

07000 Thermal And Moisture Protection**07200 Thermal Protection****07240 Synthetic Stucco**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07240-0003	SF		2" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	10.46	1.33
07240-0004	SF		3" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	12.09	1.33
07240-0005	SF		4" EIFS Synthetic Stucco System, With Antibacterial Color Finish Note: Includes complete system for normal impact (Adhesive, Polystyrene, Mesh, Stucco (Bases and Finish) and standard color.	13.71	1.33

07300 Shingles, Roof Tiles, And Roof Coverings (07000)

Note: Includes starter strips and 15 year warranty unless otherwise noted and all warranties are No Dollar Limit (NDL) to include labor, material and equipment. All new roof installations include flood testing. See CSI section 07501-0000 for small quantity set-up charges.

07310 Shingles (07300)**07310-0001 Composite Shingles** (07310)**07310-0002 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** (07310-0001)

Note: Excludes underlayment, drip edges, and ridge vent.

07310-0003	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	201.92	129.10
	07MOD-0020	For > 50 To 75, Deduct	-3.38	
	07MOD-0021	For > 75 To 100, Deduct	-8.85	
	07MOD-0022	For > 100 To 200, Deduct	-15.17	
	07MOD-0023	For > 200, Deduct	-23.57	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	37.57	
07310-0004	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25).....	211.75	135.57
	07MOD-0020	For > 50 To 75, Deduct	-3.54	
	07MOD-0021	For > 75 To 100, Deduct	-9.28	
	07MOD-0022	For > 100 To 200, Deduct	-15.90	
	07MOD-0023	For > 200, Deduct	-24.72	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	39.44	
07310-0005	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30).....	246.05	142.34
	07MOD-0020	For > 50 To 75, Deduct	-4.66	
	07MOD-0021	For > 75 To 100, Deduct	-11.40	
	07MOD-0022	For > 100 To 200, Deduct	-19.30	
	07MOD-0023	For > 200, Deduct	-29.27	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	41.42	

07310-0006 Architectural Fiberglass Reinforced, Asphalt Composition Shingle (07310-0001)

Note: Excludes underlayment, drip edges, and ridge vent.

07310-0007	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark).....	251.58	164.81
	07MOD-0020	For > 50 To 75, Deduct	-4.07	
	07MOD-0021	For > 75 To 100, Deduct	-10.87	
	07MOD-0022	For > 100 To 200, Deduct	-18.69	
	07MOD-0023	For > 200, Deduct	-29.23	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	47.94	
07310-0008	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate).....	267.52	156.92
	07MOD-0020	For > 50 To 75, Deduct	-4.99	
	07MOD-0021	For > 75 To 100, Deduct	-12.31	
	07MOD-0022	For > 100 To 200, Deduct	-20.87	
	07MOD-0023	For > 200, Deduct	-31.75	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	45.66	
07310-0009	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus).....	289.60	173.05
	07MOD-0020	For > 50 To 75, Deduct	-5.29	
	07MOD-0021	For > 75 To 100, Deduct	-13.19	
	07MOD-0022	For > 100 To 200, Deduct	-22.42	
	07MOD-0023	For > 200, Deduct	-34.25	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	50.35	
07310-0010	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras).....	280.85	149.45
	07MOD-0020	For > 50 To 75, Deduct	-5.80	
	07MOD-0021	For > 75 To 100, Deduct	-13.55	
	07MOD-0022	For > 100 To 200, Deduct	-22.74	
	07MOD-0023	For > 200, Deduct	-33.88	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	43.48	
07310-0011	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	314.59	181.71
	07MOD-0020	For > 50 To 75, Deduct	-5.98	
	07MOD-0021	For > 75 To 100, Deduct	-14.59	
	07MOD-0022	For > 100 To 200, Deduct	-24.70	
	07MOD-0023	For > 200, Deduct	-37.44	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	52.85	
07310-0012	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence).....	336.49	181.71
	07MOD-0020	For > 50 To 75, Deduct	-6.85	
	07MOD-0021	For > 75 To 100, Deduct	-16.12	
	07MOD-0022	For > 100 To 200, Deduct	-27.10	
	07MOD-0023	For > 200, Deduct	-40.50	
	07MOD-0024	For Steep Roof, Over 7 To 12, Add	52.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07310-0013	SQ 355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake).....	367.33	200.30
	07MOD-0020 For > 50 To 75, Deduct	-7.41	
	07MOD-0021 For > 75 To 100, Deduct	-17.52	
	07MOD-0022 For > 100 To 200, Deduct	-29.48	
	07MOD-0023 For > 200, Deduct	-44.14	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	58.28	
07310-0014	SQ 340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	364.84	190.80
	07MOD-0020 For > 50 To 75, Deduct	-7.66	
	07MOD-0021 For > 75 To 100, Deduct	-17.74	
	07MOD-0022 For > 100 To 200, Deduct	-29.73	
	07MOD-0023 For > 200, Deduct	-44.14	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	55.49	
07310-0015	SQ 300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris).....	363.42	181.71
	07MOD-0020 For > 50 To 75, Deduct	-7.93	
	07MOD-0021 For > 75 To 100, Deduct	-18.01	
	07MOD-0022 For > 100 To 200, Deduct	-30.07	
	07MOD-0023 For > 200, Deduct	-44.27	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	52.85	
07310-0016	SQ 355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	426.29	200.30
	07MOD-0020 For > 50 To 75, Deduct	-9.77	
	07MOD-0021 For > 75 To 100, Deduct	-21.64	
	07MOD-0022 For > 100 To 200, Deduct	-35.96	
	07MOD-0023 For > 200, Deduct	-52.40	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	58.28	
07310-0017	SQ 355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....	441.65	200.30
	07MOD-0020 For > 50 To 75, Deduct	-10.38	
	07MOD-0021 For > 75 To 100, Deduct	-22.72	
	07MOD-0022 For > 100 To 200, Deduct	-37.65	
	07MOD-0023 For > 200, Deduct	-54.55	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	58.28	
07310-0018	SQ 480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....	490.78	220.87
	07MOD-0020 For > 50 To 75, Deduct	-11.60	
	07MOD-0021 For > 75 To 100, Deduct	-25.32	
	07MOD-0022 For > 100 To 200, Deduct	-41.94	
	07MOD-0023 For > 200, Deduct	-60.68	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	64.26	
07310-0019	SQ 425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor).....	483.86	210.31
	07MOD-0020 For > 50 To 75, Deduct	-11.71	
	07MOD-0021 For > 75 To 100, Deduct	-25.27	
	07MOD-0022 For > 100 To 200, Deduct	-41.75	
	07MOD-0023 For > 200, Deduct	-60.09	
	07MOD-0024 For Steep Roof, Over 7 To 12, Add	61.19	
07310-0020	Accessories (07310-0001)		
07310-0021	LF Hip And Ridge Roll Vent	4.46	0.78
	Note: Excludes shingles.		
07310-0022	LF Three Tab Hip And Ridge Shingles	2.81	1.93
07310-0023	LF Laminated Hip And Ridge Shingles	2.75	2.14
07310-0024	SQ Demolition Of Additional Layers Of Shingles	70.43	
07310-0025	Roofing Underlayment (07310)		
07310-0026	Asphalt Felt (07310-0025)		
07310-0027	SQ 15# Asphalt Felt Underlayment, Single Layer, Standard Slope	15.02	4.91
	07MOD-0025 For Double Layer, Low Slope, Add	11.58	
	07MOD-0026 For Steep Roof, Over 7 To 12, Add	3.15	
	07MOD-0027 For > 50 To 75, Deduct	-0.21	
	07MOD-0028 For > 75 To 100, Deduct	-0.61	
	07MOD-0029 For > 100 To 200, Deduct	-1.06	
	07MOD-0030 For > 200, Deduct	-1.71	
07310-0028	SQ 30# Asphalt Felt Underlayment, Single Layer, Standard Slope	23.86	6.76
	07MOD-0025 For Double Layer, Low Slope, Add	19.13	
	07MOD-0026 For Steep Roof, Over 7 To 12, Add	4.33	
	07MOD-0027 For > 50 To 75, Deduct	-0.41	
	07MOD-0028 For > 75 To 100, Deduct	-1.06	
	07MOD-0029 For > 100 To 200, Deduct	-1.81	
	07MOD-0030 For > 200, Deduct	-2.80	
07310-0029	SQ 30# Asphalt Shake Felt Underlayment, Single Layer, Standard Slope	27.59	6.76
	07MOD-0025 For Double Layer, Low Slope, Add	22.86	
	07MOD-0026 For Steep Roof, Over 7 To 12, Add	4.33	
	07MOD-0027 For > 50 To 75, Deduct	-0.56	
	07MOD-0028 For > 75 To 100, Deduct	-1.32	
	07MOD-0029 For > 100 To 200, Deduct	-2.22	
	07MOD-0030 For > 200, Deduct	-3.32	
07310-0030	Synthetic Roofing Underlayment (07310-0025)		

07000 Thermal And Moisture Protection
07300 Shingles, Roof Tiles, And Roof Coverings
07310 Shingles



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07310-0031 SQ 45 Mil Self Adhering Coated Woven Polymeric Synthetic Roofing Underlayment (Titanium PSU-30).....	77.38	12.43
07MOD-0026 For Steep Roof, Over 7 To 12, Add	7.95	
07MOD-0027 For > 50 To 75, Deduct	-2.10	
07MOD-0028 For > 75 To 100, Deduct	-4.30	
07MOD-0029 For > 100 To 200, Deduct	-7.02	
07MOD-0030 For > 200, Deduct	-9.84	
07310-0032 SQ 25 Mil Mechanically Fastened Coated Woven Polymeric Synthetic Roofing Underlayment (Titanium UDL 30).....	33.86	10.25
07MOD-0026 For Steep Roof, Over 7 To 12, Add	6.56	
07MOD-0027 For > 50 To 75, Deduct	-0.53	
07MOD-0028 For > 75 To 100, Deduct	-1.45	
07MOD-0029 For > 100 To 200, Deduct	-2.50	
07MOD-0030 For > 200, Deduct	-3.92	
07310-0033 Rubberized Asphalt Underlayment (07310-0025)		
07310-0034 SQ 25 Mil Self Adhering Rubberized Asphalt Underlayment	50.54	12.43
07MOD-0027 For > 50 To 75, Deduct	-1.03	
07MOD-0028 For > 75 To 100, Deduct	-2.42	
07MOD-0029 For > 100 To 200, Deduct	-4.07	
07MOD-0030 For > 200, Deduct	-6.08	
07310-0035 SQ 40 Mil Self Adhering Rubberized Asphalt Underlayment	65.97	12.43
07MOD-0027 For > 50 To 75, Deduct	-1.65	
07MOD-0028 For > 75 To 100, Deduct	-3.50	
07MOD-0029 For > 100 To 200, Deduct	-5.77	
07MOD-0030 For > 200, Deduct	-8.24	
07310-0036 Aluminum Shingles (07310)		
07310-0037 SQ Aluminum Shingles, Mill Finish, 0.020" Thick.....	428.54	113.85
07MOD-0031 For Colors, Anodized Finish, Add	30.00	
07MOD-0032 For Bonderized Finish, Add	47.00	
07MOD-0033 For 1" Factory Applied Polystyrene, Add	37.00	
07310-0038 SQ Aluminum Shingles, Mill Finish, 0.030" Thick.....	571.98	124.43
07MOD-0031 For Colors, Anodized Finish, Add	30.00	
07MOD-0032 For Bonderized Finish, Add	47.00	
07MOD-0033 For 1" Factory Applied Polystyrene, Add	37.00	
07310-0039 LF Aluminum Shingles, Ridge Cap, 0.020" Thick.....	7.65	1.64
07310-0040 LF Aluminum Shingles, Ridge Cap, 0.030" Thick.....	7.97	1.64
07310-0041 LF Aluminum Shingles, Valley Section For Above, 0.020" Thick	5.20	1.64
07310-0042 LF Aluminum Shingles, Valley Section For Above, 0.030" Thick	5.85	1.64
07310-0043 Mineral Fiber Shingles (07310)		
07310-0044 SQ Mineral Fiber Strip Shingles, 14" X 30", 325 LB / SQ.....	422.99	68.29
07MOD-0034 For Steep Roof, Over 7 To 12, Add	43.71	
07310-0045 SQ Mineral Fiber, Shakes, 9.35" X 16", 500 LB / SQ.....	613.59	124.30
07MOD-0034 For Steep Roof, Over 7 To 12, Add	79.55	
07310-0046 SQ Mineral Fiber, Hexagonal Shape, 16" X 16", per SQ	428.76	91.17
07MOD-0034 For Steep Roof, Over 7 To 12, Add	58.34	
07310-0047 SQ Mineral Fiber, Square, 16" X 16", per SQ	402.11	91.17
07MOD-0034 For Steep Roof, Over 7 To 12, Add	58.34	
07310-0048 CLF Mineral Fiber, Strip Shingles, Starters, 8" x 30", 255 LB Per 100 LF	323.52	91.17
07310-0049 CLF Mineral Fiber, Hip And Ridge Shingles, 4-3/4" x 14", 380 LB Per 100 LF.....	1,052.54	273.18
07310-0050 CLF Mineral Fiber, Hip And Ridge Shingles, 5-3/8" X 14", per 100 LF	1,099.16	273.18
07310-0051 Synthetic Polymeric Rubber Slate Shingles (07310)		
07310-0052 SQ Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure	693.73	152.57
Note: Gray or black.		
07MOD-0035 For Purple Or Green Color, Add	62.18	
07MOD-0036 For Brown Or Red Color, Add	159.34	
07MOD-0040 For Steep Roof, Over 7 To 12, Add	97.63	
07MOD-0041 For > 50 To 75, Deduct	-9.72	
07MOD-0042 For > 75 To 100, Deduct	-27.06	
07MOD-0043 For > 100 To 200, Deduct	-44.40	
07MOD-0044 For > 200, Deduct	-69.37	
07MOD-0045 For 6.5" Exposure, Add	48.10	
07MOD-0046 For 6.0" Exposure, Add	96.20	
07310-0053 SQ Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure.....	952.82	152.57
Note: Fire resistant. Gray or black.		
07MOD-0037 For Purple, Green, Brown Or Red, Add	97.16	
07MOD-0040 For Steep Roof, Over 7 To 12, Add	97.63	
07MOD-0041 For > 50 To 75, Deduct	-16.19	
07MOD-0042 For > 75 To 100, Deduct	-40.01	
07MOD-0043 For > 100 To 200, Deduct	-63.83	
07MOD-0044 For > 200, Deduct	-95.28	
07MOD-0045 For 6.5" Exposure, Add	66.61	
07MOD-0046 For 6.0" Exposure, Add	133.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07310-0054 SQ Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	800.41	152.57
07MOD-0038 For Purple, Green, Brown Or Red, Add	178.31	
07MOD-0040 For Steep Roof, Over 7 To 12, Add	97.63	
07MOD-0041 For > 50 To 75, Deduct	-12.38	
07MOD-0042 For > 75 To 100, Deduct	-32.39	
07MOD-0043 For > 100 To 200, Deduct	-52.40	
07MOD-0044 For > 200, Deduct	-80.04	
07MOD-0045 For 6.5" Exposure, Add	55.72	
07MOD-0046 For 6.0" Exposure, Add	111.44	
07310-0055 SQ Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	1,006.16	152.57
07MOD-0039 For Purple, Green, Brown Or Red, Add	77.12	
07MOD-0040 For Steep Roof, Over 7 To 12, Add	97.63	
07MOD-0041 For > 50 To 75, Deduct	-17.53	
07MOD-0042 For > 75 To 100, Deduct	-42.68	
07MOD-0043 For > 100 To 200, Deduct	-67.83	
07MOD-0044 For > 200, Deduct	-100.62	
07MOD-0045 For 6.5" Exposure, Add	70.42	
07MOD-0046 For 6.0" Exposure, Add	140.83	
07310-0056 LF Hip Or Ridge Polymeric Rubber Slate Shingle..... Note: Beveled or pointed edges, gray or black.	11.49	1.02

07313 Wood Shingles (07300)

07313-0001 #1 Grade, Red Cedar Shingles (07313)

07313-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07313-0001)

07313-0003 SQ 3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	477.73	128.74
07MOD-0003 For Steep Roof, Over 7 To 12, Add	82.40	
07MOD-0004 For CCA Treated, Add	33.04	
07313-0004 SQ 5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	347.28	96.56
07MOD-0003 For Steep Roof, Over 7 To 12, Add	61.80	
07MOD-0004 For CCA Treated, Add	23.13	
07313-0005 SQ 4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	422.57	109.43
07MOD-0003 For Steep Roof, Over 7 To 12, Add	70.04	
07MOD-0004 For CCA Treated, Add	30.56	
07313-0006 SQ 5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	346.27	90.12
07MOD-0003 For Steep Roof, Over 7 To 12, Add	57.68	
07MOD-0004 For CCA Treated, Add	24.90	
07313-0007 SQ 5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	448.11	85.29
07MOD-0003 For Steep Roof, Over 7 To 12, Add	54.59	
07MOD-0004 For CCA Treated, Add	41.63	
07313-0008 SQ 7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	348.82	72.42
07MOD-0003 For Steep Roof, Over 7 To 12, Add	46.35	
07MOD-0004 For CCA Treated, Add	30.60	

07313-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07313-0001)

07313-0010 SQ 7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	341.86	115.87
07MOD-0004 For CCA Treated, Add	16.52	
07313-0011 SQ 8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	333.36	109.43
07MOD-0004 For CCA Treated, Add	17.18	
07313-0012 SQ 10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	335.60	94.95
07MOD-0004 For CCA Treated, Add	21.86	

07313-0013 #2 Grade, Red Cedar Shingles (07313)

07313-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07313-0013)

07313-0015 SQ 3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	448.25	135.18
07MOD-0003 For Steep Roof, Over 7 To 12, Add	86.52	
07MOD-0004 For CCA Treated, Add	26.68	
07313-0016 SQ 4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	400.26	122.31
07MOD-0003 For Steep Roof, Over 7 To 12, Add	78.28	
07MOD-0004 For CCA Treated, Add	23.35	
07313-0017 SQ 4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	424.54	122.31
07MOD-0003 For Steep Roof, Over 7 To 12, Add	78.28	
07MOD-0004 For CCA Treated, Add	26.99	
07313-0018 SQ 4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	378.92	109.43
07MOD-0003 For Steep Roof, Over 7 To 12, Add	70.04	
07MOD-0004 For CCA Treated, Add	24.01	
07313-0019 SQ 5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	364.21	85.29
07MOD-0003 For Steep Roof, Over 7 To 12, Add	54.59	
07MOD-0004 For CCA Treated, Add	29.04	
07313-0020 SQ 6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	298.86	74.03
07MOD-0003 For Steep Roof, Over 7 To 12, Add	47.38	
07MOD-0004 For CCA Treated, Add	22.62	

07313-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07313-0013)

07313-0022 SQ 6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	333.55	122.31
07MOD-0004 For CCA Treated, Add	13.34	

07000 Thermal And Moisture Protection
07300 Shingles, Roof Tiles, And Roof Coverings
 07313 Wood Shingles



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07313-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	321.71	115.87
	07MOD-0004	For CCA Treated, Add	13.50	
07313-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	307.64	102.99
	07MOD-0004	For CCA Treated, Add	15.25	
07313-0025		#1 Grade, Red Cedar Shakes (07313)		
07313-0026		#1 Grade, Red Cedar Shakes Installed On Roofs (07313-0025)		
07313-0027	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	351.52	104.60
	07MOD-0003	For Steep Roof, Over 7 To 12, Add	66.95	
	07MOD-0004	For CCA Treated, Add	21.35	
07313-0028	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	398.96	104.60
	07MOD-0003	For Steep Roof, Over 7 To 12, Add	66.95	
	07MOD-0004	For CCA Treated, Add	28.46	
07313-0029	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	366.27	85.29
	07MOD-0003	For Steep Roof, Over 7 To 12, Add	54.59	
	07MOD-0004	For CCA Treated, Add	29.35	
07313-0030	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	386.43	85.29
	07MOD-0003	For Steep Roof, Over 7 To 12, Add	54.59	
	07MOD-0004	For CCA Treated, Add	32.38	
07313-0031		#1 Grade, Red Cedar Shakes Installed On Walls (07313-0025)		
07313-0032	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall.....	367.61	112.65
	07MOD-0004	For CCA Treated, Add	21.35	
07313-0033	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall.....	415.05	112.65
	07MOD-0004	For CCA Treated, Add	28.46	
07313-0034	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall.....	388.79	96.56
	07MOD-0004	For CCA Treated, Add	29.35	
07313-0035	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall.....	408.95	96.56
	07MOD-0004	For CCA Treated, Add	32.38	
07313-0036		Accessories (07313)		
07313-0037	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	5.72	0.84
	07MOD-0003	For Steep Roof, Over 7 To 12, Add	0.63	
	07MOD-0005	For CCA Treated Ridge, Add	0.56	
07314		Slate Shingles (07300)		
07314-0001		Shingles Including 30 LB Felt And Nails (07314)		
07314-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick.....	1,008.55	173.58
	07MOD-0047	For > 50 To 75, Deduct	-24.91	
	07MOD-0048	For > 75 To 100, Deduct	-53.24	
	07MOD-0049	For > 100 To 200, Deduct	-87.80	
	07MOD-0050	For > 200, Deduct	-116.13	
	07MOD-0051	For Graduated Shapes, Add	93.43	
	07MOD-0052	For Steep Roof, Over 7 To 12, Add	123.43	
07314-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick.....	1,183.55	173.58
	07MOD-0047	For > 50 To 75, Deduct	-31.91	
	07MOD-0048	For > 75 To 100, Deduct	-65.49	
	07MOD-0049	For > 100 To 200, Deduct	-107.05	
	07MOD-0050	For > 200, Deduct	-140.63	
	07MOD-0051	For Graduated Shapes, Add	119.68	
	07MOD-0052	For Steep Roof, Over 7 To 12, Add	123.43	
07314-0004	SQ	Slate Shingles, Penn Black Bangor	1,131.05	173.58
	07MOD-0047	For > 50 To 75, Deduct	-29.81	
	07MOD-0048	For > 75 To 100, Deduct	-61.82	
	07MOD-0049	For > 100 To 200, Deduct	-101.27	
	07MOD-0050	For > 200, Deduct	-133.28	
	07MOD-0051	For Graduated Shapes, Add	111.80	
	07MOD-0052	For Steep Roof, Over 7 To 12, Add	123.43	
07314-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green.....	1,148.55	173.58
	07MOD-0047	For > 50 To 75, Deduct	-30.51	
	07MOD-0048	For > 75 To 100, Deduct	-63.04	
	07MOD-0049	For > 100 To 200, Deduct	-103.20	
	07MOD-0050	For > 200, Deduct	-135.73	
	07MOD-0051	For Graduated Shapes, Add	114.43	
	07MOD-0052	For Steep Roof, Over 7 To 12, Add	123.43	
07314-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,218.55	173.58
	07MOD-0047	For > 50 To 75, Deduct	-33.31	
	07MOD-0048	For > 75 To 100, Deduct	-67.94	
	07MOD-0049	For > 100 To 200, Deduct	-110.90	
	07MOD-0050	For > 200, Deduct	-145.53	
	07MOD-0051	For Graduated Shapes, Add	124.93	
	07MOD-0052	For Steep Roof, Over 7 To 12, Add	123.43	
07314-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,131.05	173.58
	07MOD-0047	For > 50 To 75, Deduct	-29.81	
	07MOD-0048	For > 75 To 100, Deduct	-61.82	
	07MOD-0049	For > 100 To 200, Deduct	-101.27	
	07MOD-0050	For > 200, Deduct	-133.28	
	07MOD-0051	For Graduated Shapes, Add	111.80	
	07MOD-0052	For Steep Roof, Over 7 To 12, Add	123.43	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07314-0008 SQ Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,078.55	173.58
07MOD-0047 For > 50 To 75, Deduct	-27.71	
07MOD-0048 For > 75 To 100, Deduct	-58.14	
07MOD-0049 For > 100 To 200, Deduct	-95.50	
07MOD-0050 For > 200, Deduct	-125.93	
07MOD-0051 For Graduated Shapes, Add	103.93	
07MOD-0052 For Steep Roof, Over 7 To 12, Add	123.43	
07314-0009 SQ Slate Shingles, Vermont, Unfading Color, Red	2,172.05	173.58
07MOD-0047 For > 50 To 75, Deduct	-71.45	
07MOD-0048 For > 75 To 100, Deduct	-134.69	
07MOD-0049 For > 100 To 200, Deduct	-215.78	
07MOD-0050 For > 200, Deduct	-279.02	
07MOD-0051 For Graduated Shapes, Add	267.95	
07MOD-0052 For Steep Roof, Over 7 To 12, Add	123.43	
07314-0010 SQ Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,131.05	173.58
07MOD-0047 For > 50 To 75, Deduct	-29.81	
07MOD-0048 For > 75 To 100, Deduct	-61.82	
07MOD-0049 For > 100 To 200, Deduct	-101.27	
07MOD-0050 For > 200, Deduct	-133.28	
07MOD-0051 For Graduated Shapes, Add	111.80	
07MOD-0052 For Steep Roof, Over 7 To 12, Add	123.43	

07315 Steel Shingles (07300)

07315-0001 Galvanized Steel Shingles (07315)

07315-0002 SQ 24 Gauge Steel Shingles, Galvanized	315.94	101.75
07MOD-0053 For Factory Applied 1" Polystyrene Insulation, Add	24.75	
07MOD-0054 For > 50 To 75, Deduct	-4.50	
07MOD-0055 For > 75 To 100, Deduct	-12.96	
07MOD-0056 For > 100 To 200, Deduct	-22.54	
07MOD-0057 For > 200, Deduct	-31.00	
07MOD-0058 For Steep Roof, Over 7 To 12, Add	65.13	
07315-0003 SQ 26 Gauge Steel Shingles, Galvanized	304.95	100.94
07MOD-0053 For Factory Applied 1" Polystyrene Insulation, Add	24.75	
07MOD-0054 For > 50 To 75, Deduct	-4.13	
07MOD-0055 For > 75 To 100, Deduct	-12.27	
07MOD-0056 For > 100 To 200, Deduct	-21.44	
07MOD-0057 For > 200, Deduct	-29.58	
07MOD-0058 For Steep Roof, Over 7 To 12, Add	64.58	
07315-0004 SQ 24 Gauge Steel Shingles, Galvanized And Bonderized	478.08	100.94
07MOD-0053 For Factory Applied 1" Polystyrene Insulation, Add	24.75	
07MOD-0054 For > 50 To 75, Deduct	-11.05	
07MOD-0055 For > 75 To 100, Deduct	-24.38	
07MOD-0056 For > 100 To 200, Deduct	-40.48	
07MOD-0057 For > 200, Deduct	-53.81	
07MOD-0058 For Steep Roof, Over 7 To 12, Add	64.58	
07315-0005 SQ 26 Gauge Steel Shingles, Galvanized And Bonderized	444.02	100.94
07MOD-0053 For Factory Applied 1" Polystyrene Insulation, Add	24.75	
07MOD-0054 For > 50 To 75, Deduct	-9.69	
07MOD-0055 For > 75 To 100, Deduct	-22.00	
07MOD-0056 For > 100 To 200, Deduct	-36.73	
07MOD-0057 For > 200, Deduct	-49.05	
07MOD-0058 For Steep Roof, Over 7 To 12, Add	64.58	

07315-0006 Accessories (07315)

07315-0007 LF Ridge Or Valley	5.02	1.36
07MOD-0058 For Steep Roof, Over 7 To 12, Add	0.85	

07320 Roofing Tile (07300)

07320-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07320)

Note: Includes mortar, fasteners, felt underlayment and 90# cap sheet.

07320-0002 SQ Lanai Or Classic Tile, 158 Piece Per SQ	894.41	164.62
07MOD-0059 For > 25 To 50, Deduct	-33.91	
07MOD-0060 For > 50 To 75, Deduct	-64.75	
07MOD-0061 For > 75 To 100, Deduct	-89.93	
07MOD-0062 For > 100 To 200, Deduct	-109.47	
07MOD-0063 For > 200, Deduct	-123.35	
07MOD-0064 For 20 Year Warranty, Add	39.56	
07320-0003 SQ Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,079.35	164.62
07MOD-0059 For > 25 To 50, Deduct	-45.00	
07MOD-0060 For > 50 To 75, Deduct	-83.24	
07MOD-0061 For > 75 To 100, Deduct	-113.97	
07MOD-0062 For > 100 To 200, Deduct	-137.21	
07MOD-0063 For > 200, Deduct	-152.94	
07MOD-0064 For 20 Year Warranty, Add	52.50	

07000 Thermal And Moisture Protection
07300 Shingles, Roof Tiles, And Roof Coverings
07320 Roofing Tile



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07320-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,079.35	164.62
	07MOD-0059	For > 25 To 50, Deduct	-45.00	
	07MOD-0060	For > 50 To 75, Deduct	-83.24	
	07MOD-0061	For > 75 To 100, Deduct	-113.97	
	07MOD-0062	For > 100 To 200, Deduct	-137.21	
	07MOD-0063	For > 200, Deduct	-152.94	
	07MOD-0064	For 20 Year Warranty, Add	52.50	
07320-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,236.26	164.62
	07MOD-0059	For > 25 To 50, Deduct	-54.42	
	07MOD-0060	For > 50 To 75, Deduct	-98.93	
	07MOD-0061	For > 75 To 100, Deduct	-134.37	
	07MOD-0062	For > 100 To 200, Deduct	-160.74	
	07MOD-0063	For > 200, Deduct	-178.04	
	07MOD-0064	For 20 Year Warranty, Add	63.49	
07320-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,067.11	201.28
	07MOD-0059	For > 25 To 50, Deduct	-39.87	
	07MOD-0060	For > 50 To 75, Deduct	-76.52	
	07MOD-0061	For > 75 To 100, Deduct	-106.52	
	07MOD-0062	For > 100 To 200, Deduct	-129.88	
	07MOD-0063	For > 200, Deduct	-146.59	
	07MOD-0064	For 20 Year Warranty, Add	46.52	
07320-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,343.14	201.28
	07MOD-0059	For > 25 To 50, Deduct	-56.44	
	07MOD-0060	For > 50 To 75, Deduct	-104.12	
	07MOD-0061	For > 75 To 100, Deduct	-142.41	
	07MOD-0062	For > 100 To 200, Deduct	-171.28	
	07MOD-0063	For > 200, Deduct	-190.75	
	07MOD-0064	For 20 Year Warranty, Add	65.84	
07320-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	1,713.27	271.53
	07MOD-0059	For > 25 To 50, Deduct	-70.22	
	07MOD-0060	For > 50 To 75, Deduct	-130.61	
	07MOD-0061	For > 75 To 100, Deduct	-179.29	
	07MOD-0062	For > 100 To 200, Deduct	-216.27	
	07MOD-0063	For > 200, Deduct	-241.55	
	07MOD-0064	For 20 Year Warranty, Add	81.93	
07320-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	929.00	201.28
	07MOD-0059	For > 25 To 50, Deduct	-31.59	
	07MOD-0060	For > 50 To 75, Deduct	-62.71	
	07MOD-0061	For > 75 To 100, Deduct	-88.57	
	07MOD-0062	For > 100 To 200, Deduct	-109.16	
	07MOD-0063	For > 200, Deduct	-124.49	
	07MOD-0064	For 20 Year Warranty, Add	36.85	
07320-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,152.61	201.28
	07MOD-0059	For > 25 To 50, Deduct	-45.00	
	07MOD-0060	For > 50 To 75, Deduct	-85.07	
	07MOD-0061	For > 75 To 100, Deduct	-117.64	
	07MOD-0062	For > 100 To 200, Deduct	-142.70	
	07MOD-0063	For > 200, Deduct	-160.27	
	07MOD-0064	For 20 Year Warranty, Add	52.50	
07320-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	799.33	150.70
	07MOD-0059	For > 25 To 50, Deduct	-29.87	
	07MOD-0060	For > 50 To 75, Deduct	-57.33	
	07MOD-0061	For > 75 To 100, Deduct	-79.80	
	07MOD-0062	For > 100 To 200, Deduct	-97.29	
	07MOD-0063	For > 200, Deduct	-109.81	
	07MOD-0064	For 20 Year Warranty, Add	34.85	
07320-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,040.30	150.70
	07MOD-0059	For > 25 To 50, Deduct	-44.33	
	07MOD-0060	For > 50 To 75, Deduct	-81.42	
	07MOD-0061	For > 75 To 100, Deduct	-111.12	
	07MOD-0062	For > 100 To 200, Deduct	-133.44	
	07MOD-0063	For > 200, Deduct	-148.36	
	07MOD-0064	For 20 Year Warranty, Add	51.72	
07320-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,247.65	150.70
	07MOD-0059	For > 25 To 50, Deduct	-56.77	
	07MOD-0060	For > 50 To 75, Deduct	-102.16	
	07MOD-0061	For > 75 To 100, Deduct	-138.08	
	07MOD-0062	For > 100 To 200, Deduct	-164.54	
	07MOD-0063	For > 200, Deduct	-181.54	
	07MOD-0064	For 20 Year Warranty, Add	66.23	
07320-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	1,502.73	236.23
	07MOD-0059	For > 25 To 50, Deduct	-61.82	
	07MOD-0060	For > 50 To 75, Deduct	-114.84	
	07MOD-0061	For > 75 To 100, Deduct	-157.56	
	07MOD-0062	For > 100 To 200, Deduct	-189.98	
	07MOD-0063	For > 200, Deduct	-212.09	
	07MOD-0064	For 20 Year Warranty, Add	72.12	
07320-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	653.44	164.62
	07MOD-0059	For > 25 To 50, Deduct	-19.45	
	07MOD-0060	For > 50 To 75, Deduct	-40.65	
	07MOD-0061	For > 75 To 100, Deduct	-58.60	
	07MOD-0062	For > 100 To 200, Deduct	-73.32	
	07MOD-0063	For > 200, Deduct	-84.79	
	07MOD-0064	For 20 Year Warranty, Add	22.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07320-0016 SQ One Piece Mission Tile Roofing, 134 Piece Per SQ	872.28	236.23
07MOD-0059 For > 25 To 50, Deduct	-23.99	
07MOD-0060 For > 50 To 75, Deduct	-51.79	
07MOD-0061 For > 75 To 100, Deduct	-75.60	
07MOD-0062 For > 100 To 200, Deduct	-95.41	
07MOD-0063 For > 200, Deduct	-111.22	
07MOD-0064 For 20 Year Warranty, Add	27.99	

07322 Concrete Roofing Tile (07300)

07322-0001 Concrete Roofing Tile (07322)

07322-0002 Corrugated Tiles And Shakes Nailed To Wood (07322-0001)

Note: Includes 30 lb felt underlayment

07322-0003 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	664.78	249.54
07MOD-0065 For > 50 To 75, Deduct	-6.63	
07MOD-0066 For > 75 To 100, Deduct	-24.07	
07MOD-0067 For > 100 To 200, Deduct	-43.18	
07MOD-0068 For > 200, Deduct	-60.62	
07MOD-0069 For Steep Roof, Over 7 To 12, Add	159.73	
07322-0004 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	837.33	249.54
07MOD-0065 For > 50 To 75, Deduct	-13.53	
07MOD-0066 For > 75 To 100, Deduct	-36.15	
07MOD-0067 For > 100 To 200, Deduct	-62.16	
07MOD-0068 For > 200, Deduct	-84.78	
07MOD-0069 For Steep Roof, Over 7 To 12, Add	159.73	
07322-0005 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	699.29	249.54
07MOD-0065 For > 50 To 75, Deduct	-8.01	
07MOD-0066 For > 75 To 100, Deduct	-26.49	
07MOD-0067 For > 100 To 200, Deduct	-46.97	
07MOD-0068 For > 200, Deduct	-65.46	
07MOD-0069 For Steep Roof, Over 7 To 12, Add	159.73	
07322-0006 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	655.37	223.27
07MOD-0065 For > 50 To 75, Deduct	-8.35	
07MOD-0066 For > 75 To 100, Deduct	-25.78	
07MOD-0067 For > 100 To 200, Deduct	-45.29	
07MOD-0068 For > 200, Deduct	-62.72	
07MOD-0069 For Steep Roof, Over 7 To 12, Add	142.91	

07322-0007 Accessories (07322-0001)

07322-0008 EA Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	2.91	
07322-0009 EA Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	1.92	
07322-0010 EA Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	2.89	
07322-0011 EA Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	3.32	
07322-0012 EA 3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	3.45	

07400 Preformed Roofing And Siding (07000)

Note: Includes placement of materials on roof up to 2-1/2 stories.

07410 Roofing Panels (07400)

Note: Includes standard fasteners, grommets, cleats for installation. See CSI section 07501-0000 for small quantity set-up charges.

07410-0001 Exposed Fastener Metal Roofing (07410)

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07410-0002 Galvanized Exposed Fastener Metal Roofing (07410-0001)

07410-0003 Galvanized Steel Exposed Fastener Metal Roof Panels (07410-0002)

07410-0004 SF 18 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.70	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	
07410-0005 SF 20 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.18	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	
07410-0006 SF 22 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.82	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	
07410-0007 SF 24 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.46	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	
07410-0008 SF 26 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.17	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	
07410-0009 SF 29 Gauge Galvanized Exposed Fastener Metal Roof Panels	3.91	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	
07410-0010 SF 30 Gauge Galvanized Exposed Fastener Metal Roof Panels	3.81	0.63
07MOD-0107 For Fluoropolymer (Kynar) Coating, Add	0.53	
07MOD-0108 For Steep Roof, Over 7 To 12, Add	0.89	

07000 Thermal And Moisture Protection**07400 Preformed Roofing And Siding****07410 Roofing Panels**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07410-0011		Galvanized Exposed Fastener Metal Roof Accessories (07410-0002) See CSI section 07410-0038 for accessories.		
07410-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	26.38	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	3.51	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	1.54	
07410-0013	LF	Eave Flashing For Galvanized Steel Exposed Fastener Roofing	20.11	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	3.51	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	0.91	
07410-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing.....	32.43	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	3.51	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	2.15	
07410-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	26.93	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	3.51	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	1.60	
07410-0016		Aluminum Exposed Fastener Metal Roofing (07410-0001)		
07410-0017		Aluminum Exposed Fastener Metal Roof Panels (07410-0016)		
07410-0018	SF	0.0155" Aluminum Exposed Fastener Metal Roof Panels.....	3.66	0.63
	07MOD-0107	For Fluoropolymer (Kynar) Coating, Add	0.53	
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	0.89	
07410-0019	SF	0.018" Aluminum Exposed Fastener Metal Roof Panels.....	3.80	0.63
	07MOD-0107	For Fluoropolymer (Kynar) Coating, Add	0.53	
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	0.89	
07410-0020	SF	0.024" Aluminum Exposed Fastener Metal Roof Panels.....	4.15	0.63
	07MOD-0107	For Fluoropolymer (Kynar) Coating, Add	0.53	
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	0.89	
07410-0021	SF	0.032" Aluminum Exposed Fastener Metal Roof Panels.....	4.61	0.63
	07MOD-0107	For Fluoropolymer (Kynar) Coating, Add	0.53	
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	0.89	
07410-0022	SF	0.040" Aluminum Exposed Fastener Metal Roof Panels.....	5.07	0.63
	07MOD-0107	For Fluoropolymer (Kynar) Coating, Add	0.53	
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	0.89	
07410-0023	SF	0.050" Aluminum Exposed Fastener Metal Roof Panels.....	5.64	0.63
	07MOD-0107	For Fluoropolymer (Kynar) Coating, Add	0.53	
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	0.89	
07410-0024		Aluminum Exposed Fastener Metal Roof Accessories (07410-0016)		
07410-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing.....	26.03	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	2.21	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	1.91	
07410-0026	LF	Eave Flashing For Aluminum Exposed Fastener Metal Roofing.....	18.19	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	2.21	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	1.13	
07410-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	33.59	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	2.21	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	2.67	
07410-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing.....	26.72	2.77
	07MOD-0108	For Steep Roof, Over 7 To 12, Add	2.21	
	07MOD-0109	For Fluoropolymer (Kynar) Coating, Add	1.98	
07410-0029		Standing Seam Roofs (07410) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07410-0030		Galvanized Steel Standing Seam Concealed Fastener Roofing (07410-0029) Note: All steel is galvanized G90 rated or galvalume. Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07410-0031		Galvanized Steel Standing Seam Concealed Fastener Roofing (07410-0030)		
07410-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	10.68	1.46
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.10	
	07MOD-0071	For 140 MPH Wind Load, Add	0.51	
	07MOD-0072	For Panels < 16" Wide, Add	1.21	
	07MOD-0073	For Up To 5000, Add	1.07	
	07MOD-0074	For > 5000 To 10000, Add	0.27	
07410-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.34	1.46
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.10	
	07MOD-0071	For 140 MPH Wind Load, Add	0.52	
	07MOD-0072	For Panels < 16" Wide, Add	1.24	
	07MOD-0073	For Up To 5000, Add	1.13	
	07MOD-0074	For > 5000 To 10000, Add	0.28	
07410-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	10.10	1.46
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.10	
	07MOD-0071	For 140 MPH Wind Load, Add	0.49	
	07MOD-0072	For Panels < 16" Wide, Add	1.18	
	07MOD-0073	For Up To 5000, Add	1.01	
	07MOD-0074	For > 5000 To 10000, Add	0.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07410-0035 SF Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	10.33	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.50	
07MOD-0072 For Panels < 16" Wide, Add	1.19	
07MOD-0073 For Up To 5000, Add	1.03	
07MOD-0074 For > 5000 To 10000, Add	0.26	
07410-0036 SF Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	10.59	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.50	
07MOD-0072 For Panels < 16" Wide, Add	1.21	
07MOD-0073 For Up To 5000, Add	1.06	
07MOD-0074 For > 5000 To 10000, Add	0.26	
07410-0037 SF Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	11.55	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.52	
07MOD-0072 For Panels < 16" Wide, Add	1.25	
07MOD-0073 For Up To 5000, Add	1.16	
07MOD-0074 For > 5000 To 10000, Add	0.29	
07410-0038 Accessories For Galvanized Steel Standing Seam Roofing (07410-0030)		
07410-0039 LF Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	27.92	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.44	
07410-0040 LF Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	21.02	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.30	
07410-0041 LF Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	34.58	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.57	
07410-0042 LF Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	28.52	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.45	
07410-0043 Aluminum Standing Seam Concealed Fastener Roofing (07410-0029)		
Note: Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07410-0044 Aluminum Standing Seam Concealed Fastener Roofing (07410-0043)		
07410-0045 SF Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing.....	11.14	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.52	
07MOD-0072 For Panels < 16" Wide, Add	1.23	
07MOD-0073 For Up To 5000, Add	1.11	
07MOD-0074 For > 5000 To 10000, Add	0.28	
07410-0046 SF Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....	11.70	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.53	
07MOD-0072 For Panels < 16" Wide, Add	1.26	
07MOD-0073 For Up To 5000, Add	1.17	
07MOD-0074 For > 5000 To 10000, Add	0.29	
07410-0047 SF Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing.....	10.82	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.51	
07MOD-0072 For Panels < 16" Wide, Add	1.22	
07MOD-0073 For Up To 5000, Add	1.08	
07MOD-0074 For > 5000 To 10000, Add	0.27	
07410-0048 SF Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....	11.86	1.46
07MOD-0070 For Steep Roof, Over 6 To 12, Add	1.10	
07MOD-0071 For 140 MPH Wind Load, Add	0.53	
07MOD-0072 For Panels < 16" Wide, Add	1.27	
07MOD-0073 For Up To 5000, Add	1.19	
07MOD-0074 For > 5000 To 10000, Add	0.30	
07410-0049 Accessories For Aluminum Standing Seam Roofing (07410-0043)		
07410-0050 LF Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	32.00	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.52	
07410-0051 LF Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	23.38	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.35	
07410-0052 LF Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	40.32	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.68	
07410-0053 LF Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	32.76	4.39
07MOD-0070 For Steep Roof, Over 6 To 12, Add	3.29	
07MOD-0071 For 140 MPH Wind Load, Add	1.53	
07410-0054 Copper Standing Seam Concealed Fastener Roofing (07410-0029)		
07410-0055 Copper Standing Seam Concealed Fastener Roofing (07410-0054)		

07000 Thermal And Moisture Protection**07400 Preformed Roofing And Siding****07410 Roofing Panels**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07410-0056	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	28.37	2.20
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.65	
	07MOD-0071	For 140 MPH Wind Load, Add	1.01	
	07MOD-0072	For Panels < 16" Wide, Add	2.43	
	07MOD-0073	For Up To 5000, Add	2.84	
	07MOD-0074	For > 5000 To 10000, Add	0.71	
07410-0057	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	34.09	2.20
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.65	
	07MOD-0071	For 140 MPH Wind Load, Add	1.12	
	07MOD-0072	For Panels < 16" Wide, Add	2.72	
	07MOD-0073	For Up To 5000, Add	3.41	
	07MOD-0074	For > 5000 To 10000, Add	0.85	
07410-0058		Accessories For Copper Standing Seam Concealed Fastener Roofing (07410-0054)		
07410-0059	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	85.16	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.29	
	07MOD-0071	For 140 MPH Wind Load, Add	2.58	
07410-0060	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	49.24	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.29	
	07MOD-0071	For 140 MPH Wind Load, Add	1.86	
07410-0061	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing.....	119.13	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.29	
	07MOD-0071	For 140 MPH Wind Load, Add	3.26	
07410-0062	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	87.85	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.29	
	07MOD-0071	For 140 MPH Wind Load, Add	2.64	
07410-0063		Stainless Steel Standing Seam Concealed Fastener Roofing (07410-0029)		
07410-0064		Stainless Steel Standing Seam Concealed Fastener Roofing (07410-0063)		
07410-0065	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing.....	21.64	2.20
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.65	
	07MOD-0071	For 140 MPH Wind Load, Add	0.87	
	07MOD-0072	For Panels < 16" Wide, Add	2.10	
	07MOD-0073	For Up To 5000, Add	2.16	
	07MOD-0074	For > 5000 To 10000, Add	0.54	
07410-0066	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing.....	25.07	2.20
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.65	
	07MOD-0071	For 140 MPH Wind Load, Add	0.94	
	07MOD-0072	For Panels < 16" Wide, Add	2.27	
	07MOD-0073	For Up To 5000, Add	2.51	
	07MOD-0074	For > 5000 To 10000, Add	0.63	
07410-0067	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	29.14	2.20
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.65	
	07MOD-0071	For 140 MPH Wind Load, Add	1.02	
	07MOD-0072	For Panels < 16" Wide, Add	2.47	
	07MOD-0073	For Up To 5000, Add	2.91	
	07MOD-0074	For > 5000 To 10000, Add	0.73	
07410-0068	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	34.37	2.20
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	1.65	
	07MOD-0071	For 140 MPH Wind Load, Add	1.13	
	07MOD-0072	For Panels < 16" Wide, Add	2.73	
	07MOD-0073	For Up To 5000, Add	3.44	
	07MOD-0074	For > 5000 To 10000, Add	0.86	
07410-0069		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07410-0063)		
07410-0070	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	75.43	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.71	
	07MOD-0071	For 140 MPH Wind Load, Add	2.50	
07410-0071	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	44.89	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.71	
	07MOD-0071	For 140 MPH Wind Load, Add	1.89	
07410-0072	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	104.30	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.71	
	07MOD-0071	For 140 MPH Wind Load, Add	3.08	
07410-0073	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	77.71	4.39
	07MOD-0070	For Steep Roof, Over 6 To 12, Add	3.71	
	07MOD-0071	For 140 MPH Wind Load, Add	2.54	
07410-0074		PVC Roofing Panels (07410)		
07410-0075		PVC Roofing Panels (07410-0074)		
07410-0076	SF	Solid PVC Roofing Panels, 8" Wide.....	3.57	1.37
07410-0077	SF	Solid PVC Roofing Panels, 10" Wide.....	3.36	1.23
07410-0078	SF	Solid PVC Roofing Panels, Double 8" Wide.....	3.67	1.37
07410-0079	SF	Solid PVC Roofing Panels, Double 10" Wide.....	3.44	1.23
07410-0080		PVC Roofing Accessories (07410-0074)		
07410-0081	LF	1" "J" Channel, Starter Strip Trim.....	2.29	1.02



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07410-0082	LF 3-1/2" "J" Channel, Starter Strip Trim	3.00	1.02
07410-0083	LF Outside Corner Post, 7/8" Pocket	3.20	1.02
07410-0084	LF Inside Corner Post, 7/8" Pocket	2.65	1.02
07410-0085	Fiberglass Roofing Panel (07410)		
07410-0086	Corrugated Panels (07410-0085)		
07410-0087	SF 8 Ounce Corrugated Fiberglass Panel	3.91	1.10
07410-0088	SF 12 Ounce Corrugated Fiberglass Panel	4.47	1.10
07425	Cladding (07400)		
07425-0001	Plastic Cladding (07425)		
07425-0002	Solid PVC Panels (07425-0001)		
07425-0003	SF PVC Perforated Soffit	3.43	0.97
07425-0004	Aluminum Coil Stock Cladding (07425)		
	Note: Per SF of board, includes overlappage		
07425-0005	SF Aluminum Cladding, 0.016" Thick	6.04	2.34
07425-0006	SF Aluminum Cladding, 0.019" Thick	6.08	2.34
07425-0007	SF Aluminum Cladding, 0.024" Thick	6.15	2.34
07460	Siding (07400)		
	Note: Includes all necessary trim for corners, windows and doors.		
07460-0001	Aluminum Siding Panels (07460)		
07460-0002	Aluminum Siding Panels For Structural Steel Framing (07460-0001)		
	Note: Includes fasteners		
07460-0003	Corrugated (07460-0002)		
07460-0004	SF 0.019" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	3.62	1.38
07460-0005	SF 0.021" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	3.74	1.38
07460-0006	SF 0.024" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.02	1.38
07460-0007	SF 0.032" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.50	1.38
07460-0008	SF 0.019" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	3.85	1.38
07460-0009	SF 0.021" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	3.96	1.38
07460-0010	SF 0.024" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.28	1.38
07460-0011	SF 0.032" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.91	1.38
07460-0012	V- Beam (07460-0002)		
07460-0013	SF 0.032" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	4.52	1.38
07460-0014	SF 0.040" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	4.77	1.38
07460-0015	SF 0.050" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.09	1.38
07460-0016	SF 0.032" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	4.88	1.38
07460-0017	SF 0.040" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.31	1.38
07460-0018	SF 0.050" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	6.31	1.38
07460-0019	Rib (07460-0002)		
07460-0020	SF 0.032" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	4.84	1.38
07460-0021	SF 0.040" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.09	1.38
07460-0022	SF 0.050" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.42	1.38
07460-0023	SF 0.032" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.07	1.38
07460-0024	SF 0.040" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.48	1.38
07460-0025	SF 0.050" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.73	1.38
07460-0026	Aluminum Soffit And Fascia (07460-0001)		
	Note: Excludes J-channel.		
07460-0027	LF 6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.80	4.07
	<i>07MOD-0188 For 0.015" Thick, Deduct</i>	-0.03	
07460-0028	LF 10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.25	4.07
	<i>07MOD-0189 For 0.015" Thick, Deduct</i>	-0.08	
07460-0029	LF 1" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.12	4.39
	<i>07MOD-0190 For 0.015" Thick, Deduct</i>	-0.08	
07460-0030	LF 1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	12.09	5.04
	<i>07MOD-0191 For 0.015" Thick, Deduct</i>	-0.13	
07460-0031	LF 2" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.41	5.37
	<i>07MOD-0192 For 0.015" Thick, Deduct</i>	-0.18	
07460-0032	LF 3" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	15.40	5.69
	<i>07MOD-0193 For 0.015" Thick, Deduct</i>	-0.29	
07460-0033	LF 4" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	17.41	6.01
	<i>07MOD-0194 For 0.015" Thick, Deduct</i>	-0.39	
07460-0034	LF 5" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	19.40	6.34
	<i>07MOD-0195 For 0.015" Thick, Deduct</i>	-0.49	

07000 Thermal And Moisture Protection**07400 Preformed Roofing And Siding**

07460 Siding



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07460-0035	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	3.05	0.98
07460-0036	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	3.25	0.98
07460-0037	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	3.71	0.98
07460-0038	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	4.20	0.98
07460-0039		Aluminum Siding Accessories (07460-0001)		
07460-0040	LF	3/8" Pocket, Aluminum J-Channel	1.95	0.85
07460-0041	LF	1/2" Pocket, Aluminum J-Channel	1.95	0.85
07460-0042	LF	3/4" Pocket, Aluminum J-Channel	2.26	0.85
07460-0043	LF	3/8" Pocket, Aluminum F-Channel	2.06	0.85
07460-0044	LF	1/2" Pocket, Aluminum F-Channel	2.06	0.85
07460-0045		Steel Siding Panels, Galvanized And Painted (07460)		
07460-0046		Steel Siding Panels For Structural Steel Framing (07460-0046)		
		Note: Included fasteners		
07460-0047		Corrugated, Painted (07460-0046)		
		Note: Factory applied		
07460-0048	SF	20 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	6.35	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.90	
07460-0049	SF	22 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	5.87	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.78	
07460-0050	SF	24 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	5.75	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.75	
07460-0051	SF	26 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.35	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.40	
07460-0052	SF	28 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.25	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.37	
07460-0053	SF	30 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.18	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.35	
07460-0054		Box Rib, Painted (07460-0046)		
		Note: Factory applied		
07460-0055	SF	20 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.99	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.81	
07460-0056	SF	22 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.78	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.75	
07460-0057	SF	24 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.64	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.72	
07460-0058	SF	26 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.40	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.66	
07460-0059	SF	28 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	4.89	1.38
		07MOD-0075 For Galvanized Instead Of Painted Steel, Add	0.53	
07460-0060		Steel Siding For Wood Frame (07460-0045)		
		Note: Horizontal clapboard, double 5" profler, 1/2" deep butt, wood grain pattern. Includes fasteners, trim and all accessories.		
07460-0061	SF	Horizontal Clapboard	5.04	0.69
07460-0062		Metal Siding Panels (07460)		
07460-0063		Insulated Metal Siding Panels (07460-0062)		
07460-0064		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels (07460-0063)		
		Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07460-0065	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	11.31	1.59
		07MOD-0129 For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		07MOD-0130 For Premium Exterior Colors, Add	0.12	
07460-0066	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	12.77	1.80
		07MOD-0129 For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		07MOD-0130 For Premium Exterior Colors, Add	0.12	
07460-0067	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	14.02	2.04
		07MOD-0129 For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		07MOD-0130 For Premium Exterior Colors, Add	0.12	
07460-0068	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	15.80	2.70
		07MOD-0129 For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
		07MOD-0130 For Premium Exterior Colors, Add	0.12	
07460-0069		Metal Liner Panels (07460-0062)		
07460-0070		Insulated Galvanized Metal Liner Panels (07460-0069)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07460-0071	SF 24 Gauge, 1-3/8" Thick Galvanized Insulated Metal Liner Panel.....	5.46	1.13
07460-0072	SF 22 Gauge, 1-3/8" Thick Galvanized Insulated Metal Liner Panel.....	5.96	1.13
07460-0073	SF 20 Gauge, 1-3/8" Thick Galvanized Insulated Metal Liner Panel.....	6.85	1.13
07460-0074	SF 18 Gauge, 1-3/8" Thick Galvanized Insulated Metal Liner Panel.....	6.95	1.13
07460-0075	Vinyl Siding <small>(07460)</small> Note: Includes standard manufacturer's colors.		
07460-0076	Vinyl Siding Panels <small>(07460-0075)</small> Note: Excludes J-channels, starter strips and trim.		
07460-0077	Horizontal Vinyl Siding Panels <small>(07460-0076)</small> Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07460-0078	SF 7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.00	1.11
	<i>07MOD-0182 For 0.040" Thick, Deduct</i>	-0.10	
	<i>07MOD-0183 For 0.042" Thick, Deduct</i>	-0.05	
	<i>07MOD-0184 For 0.046" Thick, Add</i>	0.18	
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.04	
07460-0079	SF 8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	2.87	1.04
	<i>07MOD-0182 For 0.040" Thick, Deduct</i>	-0.10	
	<i>07MOD-0183 For 0.042" Thick, Deduct</i>	-0.05	
	<i>07MOD-0184 For 0.046" Thick, Add</i>	0.18	
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.04	
07460-0080	SF 9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	2.78	0.99
	<i>07MOD-0182 For 0.040" Thick, Deduct</i>	-0.10	
	<i>07MOD-0183 For 0.042" Thick, Deduct</i>	-0.05	
	<i>07MOD-0184 For 0.046" Thick, Add</i>	0.18	
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.04	
07460-0081	SF 10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	2.68	0.95
	<i>07MOD-0182 For 0.040" Thick, Deduct</i>	-0.10	
	<i>07MOD-0183 For 0.042" Thick, Deduct</i>	-0.05	
	<i>07MOD-0184 For 0.046" Thick, Add</i>	0.18	
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.04	
07460-0082	SF 12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	2.54	0.88
	<i>07MOD-0182 For 0.040" Thick, Deduct</i>	-0.10	
	<i>07MOD-0183 For 0.042" Thick, Deduct</i>	-0.05	
	<i>07MOD-0184 For 0.046" Thick, Add</i>	0.18	
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.04	
07460-0083	Vertical Vinyl Siding Panels <small>(07460-0076)</small>		
07460-0084	SF 7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....	3.62	1.11
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.07	
07460-0085	Vinyl Siding Accessories <small>(07460-0075)</small>		
07460-0086	LF 3/4" Pocket, Outside Corner Post For Vinyl Siding.....	3.26	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.08	
07460-0087	LF 1-1/8" Pocket, Outside Corner Post For Vinyl Siding.....	5.95	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.21	
07460-0088	LF 3/4" Pocket, Inside Corner Post For Vinyl Siding.....	2.79	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.06	
07460-0089	LF 1-1/8" Pocket, Inside Corner Post For Vinyl Siding.....	3.29	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.08	
07460-0090	LF 3/8" Pocket, J-Channel For Vinyl Siding.....	2.00	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	
07460-0091	LF 1/2" Pocket, J-Channel For Vinyl Siding.....	1.96	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	
07460-0092	LF 5/8" Pocket, J-Channel For Vinyl Siding.....	1.97	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	
07460-0093	LF 3/4" Pocket, J-Channel For Vinyl Siding.....	2.00	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	
07460-0094	LF 1" Pocket, J-Channel For Vinyl Siding.....	2.17	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	
07460-0095	LF 1-1/4" Pocket, J-Channel For Vinyl Siding.....	2.19	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.03	
07460-0096	LF 2-1/2" Pocket, J-Channel For Vinyl Siding.....	3.81	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.09	
07460-0097	LF 1/2" Pocket, F-Channel For Vinyl Siding.....	1.74	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	
07460-0098	LF 3/4" Pocket, 3-3/4" Lineals For Vinyl Siding.....	4.26	1.17
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.10	
07460-0099	LF 3/4" Pocket, 5" Lineals For Vinyl Siding.....	4.33	1.17
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.10	
07460-0100	LF 1-1/8" Pocket, 3-1/2" Lineals For Vinyl Siding.....	4.25	1.17
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.10	
07460-0101	LF 3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding.....	3.40	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.09	
07460-0102	LF Vinyl Starter Strip For Vinyl Siding.....	3.01	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.07	
07460-0103	LF Undersill Trim For Vinyl Siding.....	2.14	0.85
	<i>07MOD-0185 For Manufacturer's Custom Colors, Add</i>	0.02	

07000 Thermal And Moisture Protection**07400 Preformed Roofing And Siding****07460 Siding**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07460-0104		Vinyl Soffit And Fascia (07460-0075) Note: Excludes J-channel.		
07460-0105	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	8.66	4.07
		07MOD-0158 For 0.038" Thick, Deduct.....	-0.12	
		07MOD-0166 For 0.040" Thick, Deduct.....	-0.08	
		07MOD-0174 For 0.046" Thick, Add.....	0.12	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.03	
07460-0106	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	9.01	4.07
		07MOD-0159 For 0.038" Thick, Deduct.....	-0.23	
		07MOD-0167 For 0.040" Thick, Deduct.....	-0.13	
		07MOD-0175 For 0.046" Thick, Add.....	0.19	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.04	
07460-0107	LF	1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	9.84	4.39
		07MOD-0160 For 0.038" Thick, Deduct.....	-0.26	
		07MOD-0168 For 0.040" Thick, Deduct.....	-0.16	
		07MOD-0176 For 0.046" Thick, Add.....	0.23	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.05	
07460-0108	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	11.66	5.04
		07MOD-0161 For 0.038" Thick, Deduct.....	-0.40	
		07MOD-0169 For 0.040" Thick, Deduct.....	-0.24	
		07MOD-0177 For 0.046" Thick, Add.....	0.35	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.08	
07460-0109	LF	2" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	12.84	5.37
		07MOD-0162 For 0.038" Thick, Deduct.....	-0.54	
		07MOD-0170 For 0.040" Thick, Deduct.....	-0.32	
		07MOD-0178 For 0.046" Thick, Add.....	0.47	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.11	
07460-0110	LF	3" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	14.55	5.69
		07MOD-0163 For 0.038" Thick, Deduct.....	-0.83	
		07MOD-0171 For 0.040" Thick, Deduct.....	-0.48	
		07MOD-0179 For 0.046" Thick, Add.....	0.70	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.16	
07460-0111	LF	4" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	16.27	6.01
		07MOD-0164 For 0.038" Thick, Deduct.....	-1.11	
		07MOD-0172 For 0.040" Thick, Deduct.....	-0.64	
		07MOD-0180 For 0.046" Thick, Add.....	0.93	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.21	
07460-0112	LF	5" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	17.97	6.34
		07MOD-0165 For 0.038" Thick, Deduct.....	-1.37	
		07MOD-0173 For 0.040" Thick, Deduct.....	-0.80	
		07MOD-0181 For 0.046" Thick, Add.....	1.17	
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.26	
07460-0113	LF	4" Exposure, Vinyl Fascia.....	2.69	0.98
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.04	
07460-0114	LF	6" Exposure, Vinyl Fascia.....	2.91	0.98
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.05	
07460-0115	LF	8" Exposure, Vinyl Fascia.....	3.00	0.98
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.05	
07460-0116	LF	10" Exposure, Vinyl Fascia.....	3.16	0.98
		07MOD-0185 For Manufacturer's Custom Colors, Add.....	0.06	
07460-0117		Vinyl Gable Vent (07460-0075) Note: Includes standard colors or paintable finish.		
07460-0118	EA	12" x 18" Rectangle Gable Vent.....	76.94	36.56
07460-0119	EA	18" x 24" Rectangle Gable Vent.....	104.67	48.79
07460-0120	EA	30" x 40" Rectangle Gable Vent.....	194.71	61.02
07460-0121	EA	22" Diameter Round Gable Vent.....	91.15	34.15
07460-0122	EA	36" Diameter Round Gable Vent.....	162.77	48.79
07460-0123	EA	24" x 36" Oval Gable Vent.....	140.65	48.79
07460-0124	EA	22" Octagon Gable Vent.....	91.15	34.15
07460-0125	EA	32" Octagon Gable Vent.....	162.56	46.31
07460-0126	EA	40" Octagon Gable Vent.....	265.61	51.26
07460-0127	EA	22" x 34" Half Round Gable Vent.....	120.87	41.44
07460-0128	EA	5/12 Pitch, 17" x 70-1/2", Triangle Gable Vent.....	195.52	29.27
07460-0129	EA	4/12 Pitch, 14-1/2" x 74", Triangle Gable Vent.....	195.52	29.27
07460-0130	EA	6/12 Pitch, 18" x 72-1/2", Triangle Gable Vent.....	195.52	29.27
07460-0131	EA	7/12 Pitch, 20-1/2" x 70-1/2", Triangle Gable Vent.....	195.52	29.27
07460-0132	EA	8/12 Pitch, 21" x 62-1/2", Triangle Gable Vent.....	205.28	36.56
07460-0133	EA	9/12 Pitch, 23" x 62", Triangle Gable Vent.....	205.28	36.56
07460-0134	EA	10/12 Pitch, 23" x 56", Triangle Gable Vent.....	211.78	41.44
07460-0135	EA	11/12 Pitch, 26" x 56", Triangle Gable Vent.....	211.78	41.44
07460-0136	EA	12/12 Pitch, 17" x 34", Triangle Gable Vent.....	221.54	48.79
07460-0137	EA	14" x 22" Arch Top Gable Vent.....	98.29	36.56
07460-0138	EA	22" x 32" Arch Top Gable Vent.....	125.18	51.26
07460-0139		Fiberglass Siding (07460)		
07460-0140		Corrugated Panels (07460-0139)		
07460-0141	SF	6 Ounce Corrugated Fiberglass Panels.....	3.82	1.30
07460-0142	SF	8 Ounce Corrugated Fiberglass Panels.....	4.05	1.17
07460-0143	SF	12 Ounce Corrugated Fiberglass Panels.....	4.48	1.17



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07460-0144	Flat Panels <small>(07460-0139)</small>		
07460-0145	SF 6 Ounce Flat Fiberglass Panels.....	3.67	1.17
07460-0146	SF 8 Ounce Flat Fiberglass Panels.....	4.05	1.17

07462 Fiber Cement Siding, Vertical Panels, Trim And Soffit Boards (07400)

Note: Smooth or patterns. Includes sealer and primer.

07462-0001	Fiber Cement Lap Siding, 5/16" Thick <small>(07462)</small>		
07462-0002	SF Fiber Cement Lap Siding 5-1/4" Board with 4" Exposure.....	3.82	1.37
07462-0003	SF Fiber Cement Lap Siding 6-1/4" Board with 5" Exposure.....	3.64	1.30
07462-0004	SF Fiber Cement Lap Siding 7-1/4" Board with 6" Exposure.....	3.56	1.26
07462-0005	SF Fiber Cement Lap Siding 8-1/4" Board with 7" Exposure.....	3.48	1.23
07462-0006	SF Fiber Cement Lap Siding 9-1/2" Board with 8" Exposure.....	3.32	1.17
07462-0007	SF Fiber Cement Lap Siding 12" Board with 10-3/4" Exposure.....	3.16	1.11
07462-0008	LF Starter Strip.....	0.83	0.33

07462-0009	Fiber Cement Shingle Siding <small>(07462)</small>		
07462-0010	SF Fiber Cement Shingle Siding	4.18	1.20

07462-0011	Fiber Cement Vertical Panel Siding <small>(07462)</small>		
07462-0012	SF Fiber Cement Vertical Panel Siding	2.81	0.98

07462-0013	Fiber Cement Trim Boards <small>(07462)</small>		
07462-0014	7/16" Thick Fiber Cement Trim Boards <small>(07462-0013)</small>		
07462-0015	LF Fiber Cement Trim Board 7/16" Thick 4" Wide	1.63	0.65
07462-0016	LF Fiber Cement Trim Board 7/16" Thick 6" Wide	1.98	0.71
07462-0017	LF Fiber Cement Trim Board 7/16" Thick 8" Wide	2.32	0.78
07462-0018	LF Fiber Cement Trim Board 7/16" Thick 12" Wide	2.95	0.91

07462-0019	3/4" Thick Fiber Cement Trim Boards <small>(07462-0013)</small>		
07462-0020	LF Fiber Cement Trim Board 3/4" Thick 4" Wide	1.69	0.65
07462-0021	LF Fiber Cement Trim Board 3/4" Thick 6" Wide	2.07	0.71
07462-0022	LF Fiber Cement Trim Board 3/4" Thick 8" Wide	2.46	0.78
07462-0023	LF Fiber Cement Trim Board 3/4" Thick 12" Wide	3.15	0.91

07462-0024	1" Thick Fiber Cement Trim Boards <small>(07462-0013)</small>		
07462-0025	LF Fiber Cement Trim Board 1" Thick 4" Wide	1.76	0.65
07462-0026	LF Fiber Cement Trim Board 1" Thick 6" Wide	2.19	0.71
07462-0027	LF Fiber Cement Trim Board 1" Thick 8" Wide	2.64	0.78
07462-0028	LF Fiber Cement Trim Board 1" Thick 12" Wide	3.41	0.91

07462-0029	Fiber Cement Soffit Boards <small>(07462)</small>		
07462-0030	SF Fiber Cement Soffit Boards.....	3.13	1.14

07500 Roofing (07000)

Note: Includes placement of materials on roof up to 2-1/2 stories. See CSI section 07213-0000 for insulation, 07600-0000 for additional flashing, sheet metal and trim, 07700-0000 for additional roof accessories.

07501 Small Quantity Labor Set-up Charge (07500)

07501-0001	Small Quantity Labor Set-Up Charge <small>(07501)</small>		
	Note: For use with all roofing tasks where the total roof quantity is 4 squares or less. This adjustment is to allow for minimum charge for labor. Excludes material cost or labor to install material.		
07501-0002	EA Labor Crew Up-Charge For 1 SQ Or Less, Add To Line Item	820.84	
07501-0003	EA Labor Crew Up-Charge For >1 SQ To 2 SQ, Add To Line Item.....	614.15	
07501-0004	EA Labor Crew Up-Charge For >2 SQ To 3 SQ, Add To Line Item.....	410.42	
07501-0005	EA Labor Crew Up-Charge For >3 SQ To 4 SQ, Add To Line Item.....	204.72	

07510 Built-Up Roofing (07500)

07510-0001	Built-Up Asphalt Roofing Components <small>(07510)</small>		
07510-0002	Built-Up Asphalt Membrane Roofing <small>(07510-0001)</small>		
	Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing.		
07510-0003	Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing <small>(07510-0002)</small>		
	Note: Includes applying cold adhesive and embedding the membrane.		

07000 Thermal And Moisture Protection**07500 Roofing****07510 Built-Up Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07510-0004		Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07510-0003)		
07510-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	54.57	
	07MOD-0110	For Up To 10, Add	9.71	
	07MOD-0111	For >10 To 25, Add	7.38	
07510-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	110.88	
	07MOD-0110	For Up To 10, Add	12.53	
	07MOD-0111	For >10 To 25, Add	10.20	
07510-0007		Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07510-0003)		
07510-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	3.26	
07510-0009		Hot-Mopped, Built-Up Asphalt Membrane Roofing (07510-0002)		
		Note: Includes mopping hot asphalt and embedding the membrane.		
07510-0010		Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07510-0009)		
07510-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	40.10	
	07MOD-0110	For Up To 10, Add	8.99	
	07MOD-0111	For >10 To 25, Add	6.66	
07510-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	44.53	
	07MOD-0110	For Up To 10, Add	9.21	
	07MOD-0111	For >10 To 25, Add	6.88	
07510-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	45.14	
	07MOD-0110	For Up To 10, Add	9.24	
	07MOD-0111	For >10 To 25, Add	6.91	
07510-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	84.55	
	07MOD-0110	For Up To 10, Add	11.21	
	07MOD-0111	For >10 To 25, Add	8.88	
07510-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	96.41	
	07MOD-0110	For Up To 10, Add	11.80	
	07MOD-0111	For >10 To 25, Add	9.48	
07510-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	82.90	
	07MOD-0110	For Up To 10, Add	11.79	
	07MOD-0111	For >10 To 25, Add	9.24	
07510-0017		Hot-Mopped, Built-Up Asphalt Roofing Flashing (07510-0009)		
07510-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	2.16	
07510-0019		Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07510-0002)		
		Note: Includes fasteners.		
07510-0020		Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07510-0019)		
07510-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	40.42	
	07MOD-0110	For Up To 10, Add	5.51	
	07MOD-0111	For >10 To 25, Add	4.35	
07510-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	80.45	
	07MOD-0110	For Up To 10, Add	7.51	
	07MOD-0111	For >10 To 25, Add	6.35	
07510-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	92.30	
	07MOD-0110	For Up To 10, Add	8.10	
	07MOD-0111	For >10 To 25, Add	6.94	
07510-0024		Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07510-0019)		
07510-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	2.57	
07510-0026		Asphalt Saturated Organic Felt (07510-0001)		
07510-0027		Cold Adhesive Applied, Asphalt Saturated Organic Felt (07510-0026)		
		Note: Includes applying cold adhesive and embedding the felt.		
07510-0028	SQ	15#, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	53.20	
	07MOD-0110	For Up To 10, Add	9.64	
	07MOD-0111	For >10 To 25, Add	7.32	
07510-0029	SQ	30#, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	58.36	
	07MOD-0110	For Up To 10, Add	9.90	
	07MOD-0111	For >10 To 25, Add	7.57	
07510-0030		Hot-Mopped, Asphalt Saturated Organic Felt (07510-0026)		
		Note: Includes mopping hot asphalt and embedding the felt.		
07510-0031	SQ	15#, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	38.73	
	07MOD-0110	For Up To 10, Add	8.92	
	07MOD-0111	For >10 To 25, Add	6.59	
07510-0032	SQ	30#, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	43.88	
	07MOD-0110	For Up To 10, Add	9.18	
	07MOD-0111	For >10 To 25, Add	6.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07510-0033	Mechanically Fastened, Asphalt Saturated Organic Felt (07510-0026) Note: Includes fasteners.		
07510-0034	SQ 15#, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	19.71	
	07MOD-0110 For Up To 10, Add	4.47	
	07MOD-0111 For >10 To 25, Add	3.31	
07510-0035	SQ 30#, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	24.87	
	07MOD-0110 For Up To 10, Add	4.73	
	07MOD-0111 For >10 To 25, Add	3.57	
07510-0036	Surfacing (07510-0001)		
07510-0037	SQ 400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	89.73	
	07MOD-0110 For Up To 10, Add	21.95	
	07MOD-0111 For >10 To 25, Add	16.13	
07510-0038	SQ 400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat.....	107.09	
	07MOD-0110 For Up To 10, Add	22.81	
	07MOD-0111 For >10 To 25, Add	16.99	
07510-0039	CY Gravel Roofing Ballast, Spread To Desired Thickness	104.86	
	Note: Excludes hot asphalt or cold adhesive.		
07510-0040	SQ Clay-Stabilized, Fibrated, Water-Based Asphalt Emulsion, Weather-Proofing Surface Coating.....	35.33	
	07MOD-0110 For Up To 10, Add	5.96	
	07MOD-0111 For >10 To 25, Add	4.56	
07510-0041	SQ Fibrated Aluminum, Asphalt-Based, Weather-Proofing Surface Coating.....	49.92	
	07MOD-0110 For Up To 10, Add	6.69	
	07MOD-0111 For >10 To 25, Add	5.29	
07510-0042	SQ Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating	51.14	
	07MOD-0110 For Up To 10, Add	6.75	
	07MOD-0111 For >10 To 25, Add	5.35	
07510-0043	SQ 100% Acrylic Elastomeric, Reflective Surface Coating	60.76	
	07MOD-0110 For Up To 10, Add	7.23	
	07MOD-0111 For >10 To 25, Add	5.83	
07510-0044	Walkway Boards (07510-0001) Note: Set in hot asphalt or cold adhesive.		
07510-0045	LF 5/16" Thick, 32" Wide, Skid Resistant Walkway Board.....	12.93	
07510-0046	LF 1/2" Thick, 32" Wide, Skid Resistant Walkway Board.....	13.75	
07510-0047	Cant And Tapered Edge Strips (07510-0001)		
07510-0048	LF 2" x 2" Perlite Cant Strip	2.48	
07510-0049	LF 3" x 3" Perlite Cant Strip	2.54	
07510-0050	LF 4" x 4" Perlite Cant Strip	2.84	
07510-0051	LF 3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	2.54	
07510-0052	LF 4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	2.63	
07510-0053	LF 1/2" x 6" Perlite Tapered Edge Strip	2.78	
07510-0054	LF 1/2" x 12" Perlite Tapered Edge Strip	3.13	
07510-0055	LF 1" x 12" Perlite Tapered Edge Strip	3.22	
07510-0056	LF 1" x 24" Perlite Tapered Edge Strip	3.58	
07510-0057	LF 1-1/2" x 12" Perlite Tapered Edge Strip	3.55	
07510-0058	LF 1-1/2" x 18" Perlite Tapered Edge Strip	4.20	
07510-0059	LF 1-1/2" x 24" Perlite Tapered Edge Strip	4.67	
07510-0060	Concrete Primer (07510-0001)		
07510-0061	SQ Concrete Primer.....	17.68	
07510-0062	SQ Cut-Back Asphalt, Concrete Primer	21.22	
07510-0063	Built-Up Roofing Demolition (07510-0001) Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.)		
07510-0064	SQ Gravel/Slag Surfaced, Built Up Roofing System Demolition	246.50	
	07MOD-0127 For Up To 10, Add	61.11	
	07MOD-0128 For >10 To 25, Add	36.67	
07510-0065	SQ Cap Sheet Surfaced, Built Up Roofing System Demolition.....	190.16	
	Note: Includes protective surfacing.		
	07MOD-0127 For Up To 10, Add	47.14	
	07MOD-0128 For >10 To 25, Add	28.29	
07510-0066	Roofing System Warranty (07510-0001) Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07510-0067	EA Up To 70 SQ, 10 Year Roofing System Warranty.....	350.00	
07510-0068	SQ >70 SQ, 10 Year Roofing System Warranty	5.00	
07510-0069	EA Up To 50 SQ, 15 Year Roofing System Warranty.....	400.00	
07510-0070	SQ >50 SQ, 15 Year Roofing System Warranty	8.00	
07510-0071	EA Up To 50 SQ, 20 Year Roofing System Warranty.....	550.00	
07510-0072	SQ >50 SQ, 20 Year Roofing System Warranty	11.00	

07000 Thermal And Moisture Protection**07500 Roofing****07510 Built-Up Roofing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**07520 Prepared Roll Roofing** (07500)**07520-001 Prepared Roll Roofing** (07520)

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07510-0033 for underlayment.

07520-002 SQ Granule Surfaced, 90#, Asphalt Saturated Organic Felt Roll Roofing..... 113.76 20.49

07532 Elastomeric Roofing (07500)**07532-001 Rubberized Acrylic Roof Coating, Sprayed On** (07532)

Note: As manufactured by Tru-Co, Inc.

07532-002 Rubberized Acrylic Roof Coating, Sprayed On Components (07532-0001)

07532-0003	SQ	Acrylic Primer.....	61.42	
07532-0004	SQ	Acrylic Base.....	222.94	
07532-0005	SQ	Acrylic Top, White.....	187.26	
07532-0006	SQ	Acrylic Top, Colors.....	200.53	
07532-0007	SQ	Acrylic Deck Sealant, Clear.....	110.14	
07532-0008	SQ	Rubber Clay Emulsion.....	88.56	
07532-0009	SQ	Stitchbond Polyester Base Fabric.....	52.65	
07532-0010	LF	4" Gel (White Or Gray).....	1.92	
07532-0011	LF	6" Gel (White Or Gray).....	2.70	
07532-0012	LF	4" Polyester Fabric.....	1.00	
07532-0013	LF	6" Polyester Fabric.....	1.32	

07533 Membrane Roofing (07500)

See CSI section 07620-0080 for wood deck building paper.

07533-001 Elastomeric Membrane Roofing (07533)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material equipment and labor. Excludes concrete primer, insulation, slip sheets, nailers, cants, coping removal and reinstallation, gravel stop, walkway pads and drainage devices.

07533-002 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07533-0001)

Note: Includes hot air welding or adhesive bonding of seams.

07533-0003	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Fully Adhered.....	252.36	56.34
		Note: Includes adhesive.		
	07MOD-0110	For Up To 10, Add	46.14	
	07MOD-0111	For >10 To 25, Add	34.97	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
07533-0004	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Ballasted.....	172.56	28.18
		Note: Includes ballast.		
	07MOD-0110	For Up To 10, Add	25.39	
	07MOD-0111	For >10 To 25, Add	19.80	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
07533-0005	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Mechanically Fastened.....	194.88	42.25
		Note: Includes fasteners.		
	07MOD-0110	For Up To 10, Add	34.89	
	07MOD-0111	For >10 To 25, Add	26.51	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	

07533-0006 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07533-0001)**07533-0007 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes** (07533-0006)

Note: Includes splicing of seams using adhesive or seam tape. Black EPDM.

07533-0008	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Ballasted.....	131.36	28.18
		Note: Includes ballast.		
	07MOD-0110	For Up To 10, Add	23.33	
	07MOD-0111	For >10 To 25, Add	17.74	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
07533-0009	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Ballasted.....	147.51	29.93
		Note: Includes ballast.		
	07MOD-0110	For Up To 10, Add	25.19	
	07MOD-0111	For >10 To 25, Add	19.25	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0117	For Reinforced EPDM, Add	15.75	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0010	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Ballasted.....	197.20	28.26
		Note: Includes ballast.		
	07MOD-0110	For Up To 10, Add	26.49	
	07MOD-0111	For >10 To 25, Add	20.94	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
07533-0011	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Partially Adhered (40%).....	157.90	42.25
		Note: Includes adhesive and fasteners.		
	07MOD-0110	For Up To 10, Add	33.04	
	07MOD-0111	For >10 To 25, Add	24.66	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0116	For Low VOC Cement, Add	13.19	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
	07MOD-0119	For White EPDM Or Factory Applied White Coating, Add	35.79	
	07MOD-0120	For Integral Polyester Fleece-Backing, Add	52.71	
07533-0012	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Partially Adhered (40%).....	174.05	44.02
		Note: Includes adhesive and fasteners.		
	07MOD-0110	For Up To 10, Add	34.89	
	07MOD-0111	For >10 To 25, Add	26.16	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0116	For Low VOC Cement, Add	13.19	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
	07MOD-0119	For White EPDM Or Factory Applied White Coating, Add	35.79	
	07MOD-0121	For Integral Polyester Fleece-Backing, Add	58.21	
07533-0013	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Partially Adhered (40%).....	223.82	42.40
		Note: Includes adhesive and fasteners.		
	07MOD-0110	For Up To 10, Add	36.13	
	07MOD-0111	For >10 To 25, Add	27.82	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0116	For Low VOC Cement, Add	13.19	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
	07MOD-0119	For White EPDM Or Factory Applied White Coating, Add	35.79	
	07MOD-0122	For Integral Polyester Fleece-Backing, Add	64.21	
07533-0014	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Fully Adhered	205.85	56.34
		Note: Includes adhesive and fasteners.		
	07MOD-0110	For Up To 10, Add	43.82	
	07MOD-0111	For >10 To 25, Add	32.64	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
	07MOD-0118	For Low VOC Cement, Add	32.96	
	07MOD-0119	For White EPDM Or Factory Applied White Coating, Add	35.79	
	07MOD-0120	For Integral Polyester Fleece-Backing, Add	52.71	
07533-0015	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Fully Adhered	221.99	58.11
		Note: Includes adhesive and fasteners.		
	07MOD-0110	For Up To 10, Add	45.67	
	07MOD-0111	For >10 To 25, Add	34.15	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
	07MOD-0118	For Low VOC Cement, Add	32.96	
	07MOD-0119	For White EPDM Or Factory Applied White Coating, Add	35.79	
	07MOD-0121	For Integral Polyester Fleece-Backing, Add	58.21	
07533-0016	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Fully Adhered	286.00	63.59
		Note: Includes adhesive and fasteners.		
	07MOD-0110	For Up To 10, Add	51.71	
	07MOD-0111	For >10 To 25, Add	39.24	
	07MOD-0112	For 15 Year Warranty, Add	3.00	
	07MOD-0113	For 20 Year Warranty, Add	6.00	
	07MOD-0114	For 25 Year Warranty, Add	8.00	
	07MOD-0115	For Low Slope Fire Rated, Add	3.75	
	07MOD-0117	For Reinforced EPDM, Add	15.75	
	07MOD-0118	For Low VOC Cement, Add	32.96	
	07MOD-0119	For White EPDM Or Factory Applied White Coating, Add	35.79	
	07MOD-0122	For Integral Polyester Fleece-Backing, Add	64.21	

07000 Thermal And Moisture Protection**07500 Roofing****07533 Membrane Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0017	SQ	45 Mil, Single Ply EPDM Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	153.13	42.40
		07MOD-0110 For Up To 10, Add	32.60	
		07MOD-0111 For >10 To 25, Add	24.28	
		07MOD-0112 For 15 Year Warranty, Add	3.00	
		07MOD-0113 For 20 Year Warranty, Add	6.00	
		07MOD-0115 For Low Slope Fire Rated, Add	3.75	
		07MOD-0117 For Reinforced EPDM, Add	15.75	
		07MOD-0119 For White EPDM Or Factory Applied White Coating, Add	35.79	
07533-0018	SQ	60 Mil, Single Ply EPDM Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	169.30	44.16
		07MOD-0110 For Up To 10, Add	34.45	
		07MOD-0111 For >10 To 25, Add	25.79	
		07MOD-0112 For 15 Year Warranty, Add	3.00	
		07MOD-0113 For 20 Year Warranty, Add	6.00	
		07MOD-0114 For 25 Year Warranty, Add	8.00	
		07MOD-0115 For Low Slope Fire Rated, Add	3.75	
		07MOD-0117 For Reinforced EPDM, Add	15.75	
		07MOD-0119 For White EPDM Or Factory Applied White Coating, Add	35.79	
07533-0019	SQ	90 Mil, Single Ply EPDM Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	225.86	45.93
		07MOD-0110 For Up To 10, Add	38.31	
		07MOD-0111 For >10 To 25, Add	29.31	
		07MOD-0112 For 15 Year Warranty, Add	3.00	
		07MOD-0113 For 20 Year Warranty, Add	6.00	
		07MOD-0114 For 25 Year Warranty, Add	8.00	
		07MOD-0115 For Low Slope Fire Rated, Add	3.75	
		07MOD-0117 For Reinforced EPDM, Add	15.75	
		07MOD-0119 For White EPDM Or Factory Applied White Coating, Add	35.79	
07533-0020		Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories <small>(07533-0006)</small>		
07533-0021	EA	Up To 4" Pipe Diameter, Prefabricated EPDM Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	24.05	6.69
07533-0022	EA	>4" To 8" Pipe Diameter, Prefabricated EPDM Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	32.71	6.69
07533-0023	EA	>8" To 13" Pipe Diameter, Prefabricated EPDM Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	57.70	6.69
07533-0024	EA	6" Diameter, Prefabricated EPDM Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	77.70	7.39
07533-0025	LF	30" Wide, EPDM Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	18.38	4.08
07533-0026	SF	EPDM Membrane Base Flashing.....	3.63	1.06
07533-0027		Polyisobutylene (PIB) Roofing Membranes <small>(07533-0001)</small>		
		Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07533-0028	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted..... Note: Includes ballast.	256.69	31.69
		07MOD-0110 For Up To 10, Add	31.69	
		07MOD-0111 For >10 To 25, Add	25.41	
		07MOD-0112 For 15 Year Warranty, Add	3.00	
		07MOD-0113 For 20 Year Warranty, Add	6.00	
		07MOD-0114 For 25 Year Warranty, Add	8.00	
07533-0029	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)..... Note: Includes adhesive.	292.33	45.78
		07MOD-0110 For Up To 10, Add	41.85	
		07MOD-0111 For >10 To 25, Add	32.77	
		07MOD-0112 For 15 Year Warranty, Add	3.00	
		07MOD-0113 For 20 Year Warranty, Add	6.00	
		07MOD-0114 For 25 Year Warranty, Add	8.00	
07533-0030	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	353.93	59.87
		07MOD-0110 For Up To 10, Add	53.32	
		07MOD-0111 For >10 To 25, Add	41.44	
		07MOD-0112 For 15 Year Warranty, Add	3.00	
		07MOD-0113 For 20 Year Warranty, Add	6.00	
		07MOD-0114 For 25 Year Warranty, Add	8.00	
07533-0031		Thermoplastic Membrane Roofing <small>(07533)</small>		
		Note: Includes 10 year warranty. All warranties are no dollar limit to include material equipment and labor. Excludes concrete primer, insulation, slip sheets, nailers, cants, coping removal and reinstallation, gravel stop, walkway pads and drainage devices.		
07533-0032		Thermoplastic Polyolefin (TPO) Roofing Membranes <small>(07533-0031)</small>		
07533-0033		Thermoplastic Polyolefin (TPO) Roofing Membranes <small>(07533-0032)</small>		
		Note: Includes polyester fabric reinforcement and hot air welding of seams.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0034 SQ 45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	205.05	56.34
Note: Includes adhesive.		
07MOD-0110 For Up To 10, Add	43.78	
07MOD-0111 For >10 To 25, Add	32.60	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0125 For Integral Polyester Fleece-Backing, Add	33.25	
07533-0035 SQ 60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	217.30	58.11
Note: Includes adhesive.		
07MOD-0110 For Up To 10, Add	45.44	
07MOD-0111 For >10 To 25, Add	33.91	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0114 For 25 Year Warranty, Add	8.00	
07MOD-0125 For Integral Polyester Fleece-Backing, Add	33.25	
07533-0036 SQ 80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	269.03	59.87
Note: Includes adhesive.		
07MOD-0110 For Up To 10, Add	49.07	
07MOD-0111 For >10 To 25, Add	37.20	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0114 For 25 Year Warranty, Add	8.00	
07MOD-0125 For Integral Polyester Fleece-Backing, Add	33.25	
07533-0037 SQ 45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	147.47	42.25
Note: Includes fasteners.		
07MOD-0110 For Up To 10, Add	32.52	
07MOD-0111 For >10 To 25, Add	24.14	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0125 For Integral Polyester Fleece-Backing, Add	33.25	
07533-0038 SQ 60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	159.73	44.02
Note: Includes fasteners.		
07MOD-0110 For Up To 10, Add	34.18	
07MOD-0111 For >10 To 25, Add	25.45	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0114 For 25 Year Warranty, Add	8.00	
07MOD-0125 For Integral Polyester Fleece-Backing, Add	33.25	
07533-0039 SQ 80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	211.46	45.78
Note: Includes fasteners.		
07MOD-0110 For Up To 10, Add	37.81	
07MOD-0111 For >10 To 25, Add	28.73	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0114 For 25 Year Warranty, Add	8.00	
07MOD-0125 For Integral Polyester Fleece-Backing, Add	33.25	
07533-0040 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07533-0032)		
07533-0041 EA Up To 3" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot	32.89	5.99
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07533-0042 EA >3" To 8" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot.....	35.63	6.69
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07533-0043 EA 6" Diameter, Prefabricated TPO Penetration Pocket	62.76	7.39
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07533-0044 LF 30" Wide, TPO Walkway Protection Pad	15.89	4.08
07533-0045 SF TPO Membrane Base Flashing.....	4.37	1.06
07533-0046 SF TPO Clad Edge Metal Or Base Flashing	6.17	1.06
Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.		
07533-0047 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07533-0031)		
07533-0048 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07533-0047)		
Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07533-0049 SQ 48 Mil, Single Ply RPVC Roofing Membrane, Ballasted	159.11	28.18
Note: Includes ballast.		
07MOD-0110 For Up To 10, Add	24.72	
07MOD-0111 For >10 To 25, Add	19.13	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0123 For Colors, Add	26.00	
07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0050 SQ 60 Mil, Single Ply RPVC Roofing Membrane, Ballasted	181.19	29.93
Note: Includes ballast.		
07MOD-0110 For Up To 10, Add	26.87	
07MOD-0111 For >10 To 25, Add	20.93	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0114 For 25 Year Warranty, Add	8.00	
07MOD-0123 For Colors, Add	26.00	
07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	

07000 Thermal And Moisture Protection**07500 Roofing****07533 Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0051	SQ		72 Mil, Single Ply RPVC Roofing Membrane, Ballasted	203.35	30.82
			Note: Includes ballast.		
			07MOD-0110 For Up To 10, Add	28.50	
			07MOD-0111 For >10 To 25, Add	22.39	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0052	SQ		80 Mil, Single Ply RPVC Roofing Membrane, Ballasted	220.41	31.69
			Note: Includes ballast.		
			07MOD-0110 For Up To 10, Add	29.88	
			07MOD-0111 For >10 To 25, Add	23.59	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0053	SQ		48 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered	223.33	56.34
			Note: Includes adhesive.		
			07MOD-0110 For Up To 10, Add	44.69	
			07MOD-0111 For >10 To 25, Add	33.52	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0054	SQ		60 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered	245.40	58.11
			Note: Includes adhesive.		
			07MOD-0110 For Up To 10, Add	46.84	
			07MOD-0111 For >10 To 25, Add	35.32	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0055	SQ		72 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered	267.56	58.98
			Note: Includes adhesive.		
			07MOD-0110 For Up To 10, Add	48.47	
			07MOD-0111 For >10 To 25, Add	36.77	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0056	SQ		80 Mil, Single Ply RPVC Roofing Membrane, Fully Adhered	284.62	59.87
			Note: Includes adhesive.		
			07MOD-0110 For Up To 10, Add	49.85	
			07MOD-0111 For >10 To 25, Add	37.98	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0057	SQ		48 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	176.95	42.25
			Note: Includes fasteners.		
			07MOD-0110 For Up To 10, Add	33.99	
			07MOD-0111 For >10 To 25, Add	25.61	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0058	SQ		60 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	199.02	44.02
			Note: Includes fasteners.		
			07MOD-0110 For Up To 10, Add	36.14	
			07MOD-0111 For >10 To 25, Add	27.41	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0059	SQ		72 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	221.17	44.90
			Note: Includes fasteners.		
			07MOD-0110 For Up To 10, Add	37.77	
			07MOD-0111 For >10 To 25, Add	28.87	
			07MOD-0112 For 15 Year Warranty, Add	3.00	
			07MOD-0113 For 20 Year Warranty, Add	6.00	
			07MOD-0114 For 25 Year Warranty, Add	8.00	
			07MOD-0123 For Colors, Add	26.00	
			07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0060 SQ 80 Mil, Single Ply RPVC Roofing Membrane, Mechanically Fastened	238.23	45.78
Note: Includes fasteners.		
07MOD-0110 For Up To 10, Add	39.15	
07MOD-0111 For >10 To 25, Add	30.07	
07MOD-0112 For 15 Year Warranty, Add	3.00	
07MOD-0113 For 20 Year Warranty, Add	6.00	
07MOD-0114 For 25 Year Warranty, Add	8.00	
07MOD-0123 For Colors, Add	26.00	
07MOD-0124 For Integral Polyester Fleece-Backing, Add	28.50	
07533-0061 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07533-0047)		
07533-0062 EA Up To 3" Pipe Diameter, Prefabricated PVC Pipe Cone/Boot	37.66	5.99
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07533-0063 EA >3" To 7" Pipe Diameter, Prefabricated PVC Pipe Cone/Boot.....	51.93	6.69
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07533-0064 EA >7" To 12" Pipe Diameter, Prefabricated PVC Pipe Cone/Boot.....	65.80	7.39
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07533-0065 EA 6" Diameter, Prefabricated PVC Penetration Pocket	82.61	7.39
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07533-0066 LF 36" Wide, PVC Walkway Protection Pad	16.06	4.08
07533-0067 SF PVC Membrane Base Flashing.....	3.72	1.06
07533-0068 SF PVC Clad Edge Metal Or Base Flashing	5.51	1.06
Note: 20 Mil PVC membrane laminated to 24 gauge galvanized steel.		
07533-0069 Modified Bituminous Membrane Roofing (07533)		
07533-0070 Atactic-Polypropylene Modified Bituminous Membrane Roofing (07533-0069)		
Note: Includes all standard manufacturers' colors for granule and smooth surfaced cap sheets and flashing. See CSI section 07510-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards and warranties.		
07533-0071 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07533-0070)		
Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07533-0072 Cold Adhesive Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets (07533-0071)		
07533-0073 SQ 80 Mil, APP Modified Bitumen Base Sheet, Cold Adhesive Applied.....	92.86	
07MOD-0110 For Up To 10, Add	11.63	
07MOD-0111 For >10 To 25, Add	9.30	
07533-0074 SQ 90 Mil, APP Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	113.41	
07MOD-0110 For Up To 10, Add	12.65	
07MOD-0111 For >10 To 25, Add	10.33	
07533-0075 SQ 160 Mil, APP Modified Bitumen Ply Sheet, Cold Adhesive Applied	171.94	
07MOD-0110 For Up To 10, Add	15.58	
07MOD-0111 For >10 To 25, Add	13.25	
07533-0076 SQ 160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied	174.16	
07MOD-0110 For Up To 10, Add	16.36	
07MOD-0111 For >10 To 25, Add	13.81	
07533-0077 SQ 160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	136.59	
07MOD-0110 For Up To 10, Add	14.48	
07MOD-0111 For >10 To 25, Add	11.93	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0078 SQ 160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	146.86	
07MOD-0110 For Up To 10, Add	14.99	
07MOD-0111 For >10 To 25, Add	12.44	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0079 SQ 180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	195.67	
07MOD-0110 For Up To 10, Add	17.43	
07MOD-0111 For >10 To 25, Add	14.88	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0080 Cold Adhesive Applied, APP Modified Bitumen Roofing Flashing (07533-0071)		
07533-0081 SF 160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Cold Adhesive Applied	3.87	
07533-0082 SF 180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Cold Adhesive Applied	4.09	
07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0083 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07533-0070)		
Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07533-0084 Torch-Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets (07533-0083)		
07533-0085 SQ 80 Mil, APP Modified Bitumen Base Sheet, Torch-Applied.....	62.34	
07MOD-0110 For Up To 10, Add	8.36	
07MOD-0111 For >10 To 25, Add	6.61	
07533-0086 SQ 90 Mil, APP Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	83.34	
07MOD-0110 For Up To 10, Add	9.41	
07MOD-0111 For >10 To 25, Add	7.66	

07000 Thermal And Moisture Protection**07500 Roofing****07533 Membrane Roofing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0087 SQ 150 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	94.84	
07MOD-0110 For Up To 10, Add	9.98	
07MOD-0111 For >10 To 25, Add	8.23	
07533-0088 SQ 160 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	98.38	
07MOD-0110 For Up To 10, Add	10.16	
07MOD-0111 For >10 To 25, Add	8.41	
07533-0089 SQ 180 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	112.76	
07MOD-0110 For Up To 10, Add	10.88	
07MOD-0111 For >10 To 25, Add	9.13	
07533-0090 SQ 150 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	95.92	
07MOD-0110 For Up To 10, Add	10.35	
07MOD-0111 For >10 To 25, Add	8.50	
07533-0091 SQ 160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	99.33	
07MOD-0110 For Up To 10, Add	10.52	
07MOD-0111 For >10 To 25, Add	8.67	
07533-0092 SQ 180 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	121.10	
07MOD-0110 For Up To 10, Add	11.61	
07MOD-0111 For >10 To 25, Add	9.76	
07533-0093 SQ 160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	104.88	
07MOD-0110 For Up To 10, Add	10.80	
07MOD-0111 For >10 To 25, Add	8.95	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0094 SQ 170 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	117.50	
07MOD-0110 For Up To 10, Add	11.43	
07MOD-0111 For >10 To 25, Add	9.58	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0095 SQ 160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	126.14	
07MOD-0110 For Up To 10, Add	11.86	
07MOD-0111 For >10 To 25, Add	10.01	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0096 SQ 170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	128.03	
07MOD-0110 For Up To 10, Add	11.95	
07MOD-0111 For >10 To 25, Add	10.10	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0097 SQ 180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	164.46	
07MOD-0110 For Up To 10, Add	13.78	
07MOD-0111 For >10 To 25, Add	11.93	
07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0098 Torch-Applied, APP Modified Bitumen Roofing Flashing (07533-0083)		
07533-0099 SF 150 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	1.83	
07533-0100 SF 160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	1.86	
07533-0101 SF 180 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.01	
07533-0102 SF 170 Mil, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.04	
07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0103 SF 170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.15	
07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0104 SF 180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.51	
07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0105 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07533-0070)		
Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07533-0106 Mechanically Fastened, APP Modified Bitumen Roofing Base And Ply Sheets (07533-0105)		
07533-0107 SQ 90 Mil, APP Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....	94.83	
07MOD-0110 For Up To 10, Add	8.23	
07MOD-0111 For >10 To 25, Add	7.07	
07533-0108 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07533-0069)		
Note: Includes all standard manufacturers' colors for granule and smooth surfaced cap sheets and flashing. See CSI section 07510-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards and warranties.		
07533-0109 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07533-0108)		
Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07533-0110 Cold Adhesive Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets (07533-0109)		
07533-0111 SQ 50 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....	69.07	
07MOD-0110 For Up To 10, Add	10.44	
07MOD-0111 For >10 To 25, Add	8.11	
07533-0112 SQ 80 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....	87.58	
07MOD-0110 For Up To 10, Add	11.36	
07MOD-0111 For >10 To 25, Add	9.04	
07533-0113 SQ 90 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....	108.18	
07MOD-0110 For Up To 10, Add	12.39	
07MOD-0111 For >10 To 25, Add	10.07	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0114	SQ 120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	136.36	
	07MOD-0110 For Up To 10, Add	13.80	
	07MOD-0111 For >10 To 25, Add	11.47	
07533-0115	SQ 125 Mil, SBS Modified Bitumen Ply Sheet, Cold Adhesive Applied	157.42	
	07MOD-0110 For Up To 10, Add	14.86	
	07MOD-0111 For >10 To 25, Add	12.53	
07533-0116	SQ 140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	136.43	
	07MOD-0110 For Up To 10, Add	14.47	
	07MOD-0111 For >10 To 25, Add	11.92	
07533-0117	SQ 150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	141.14	
	07MOD-0110 For Up To 10, Add	14.70	
	07MOD-0111 For >10 To 25, Add	12.16	
07533-0118	SQ 125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	115.10	
	07MOD-0110 For Up To 10, Add	13.40	
	07MOD-0111 For >10 To 25, Add	10.85	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0119	SQ 140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	131.00	
	07MOD-0110 For Up To 10, Add	14.20	
	07MOD-0111 For >10 To 25, Add	11.65	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0120	SQ 150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	135.77	
	07MOD-0110 For Up To 10, Add	14.44	
	07MOD-0111 For >10 To 25, Add	11.89	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0121	SQ 160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	137.87	
	07MOD-0110 For Up To 10, Add	14.54	
	07MOD-0111 For >10 To 25, Add	11.99	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0122	SQ 170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	156.83	
	07MOD-0110 For Up To 10, Add	15.49	
	07MOD-0111 For >10 To 25, Add	12.94	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0123	SQ 180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	197.38	
	07MOD-0110 For Up To 10, Add	17.52	
	07MOD-0111 For >10 To 25, Add	14.97	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0124	SQ 125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	126.29	
	07MOD-0110 For Up To 10, Add	13.96	
	07MOD-0111 For >10 To 25, Add	11.41	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0125	SQ 140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	144.43	
	07MOD-0110 For Up To 10, Add	14.87	
	07MOD-0111 For >10 To 25, Add	12.32	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0126	SQ 150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	145.91	
	07MOD-0110 For Up To 10, Add	14.94	
	07MOD-0111 For >10 To 25, Add	12.39	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0127	SQ 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	149.64	
	07MOD-0110 For Up To 10, Add	15.13	
	07MOD-0111 For >10 To 25, Add	12.58	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0128	SQ 170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	156.18	
	07MOD-0110 For Up To 10, Add	15.46	
	07MOD-0111 For >10 To 25, Add	12.91	
	07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0129	Cold Adhesive Applied, SBS Modified Bitumen Roofing Flashing <small>(07533-0109)</small>		
07533-0130	SF 150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.54	
07533-0131	SF 125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.28	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0132	SF 140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.44	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0133	SF 160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.51	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0134	SF 170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.70	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0135	SF 180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	4.11	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0136	SF 125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.39	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0137	SF 140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.58	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0138	SF 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.63	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0139	SF 170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.69	
	07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0140	SF 145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.39	
07533-0141	SF 160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	6.98	

07533-0142 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07533-0108)

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07000 Thermal And Moisture Protection**07500 Roofing****07533 Membrane Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0143		Hot-Mopped, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets (07533-0142)		
07533-0144	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	54.60	
		07MOD-0110 For Up To 10, Add	9.71	
		07MOD-0111 For >10 To 25, Add	7.39	
07533-0145	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	73.11	
		07MOD-0110 For Up To 10, Add	10.64	
		07MOD-0111 For >10 To 25, Add	8.31	
07533-0146	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	93.71	
		07MOD-0110 For Up To 10, Add	11.67	
		07MOD-0111 For >10 To 25, Add	9.34	
07533-0147	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Hot-Mopped	121.89	
		07MOD-0110 For Up To 10, Add	13.08	
		07MOD-0111 For >10 To 25, Add	10.75	
07533-0148	SQ	125 Mil, SBS Modified Bitumen Ply Sheet, Hot-Mopped	142.95	
		07MOD-0110 For Up To 10, Add	14.13	
		07MOD-0111 For >10 To 25, Add	11.80	
07533-0149	SQ	140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	121.52	
		07MOD-0110 For Up To 10, Add	13.72	
		07MOD-0111 For >10 To 25, Add	11.17	
07533-0150	SQ	150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	126.72	
		07MOD-0110 For Up To 10, Add	13.98	
		07MOD-0111 For >10 To 25, Add	11.43	
07533-0151	SQ	125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	100.18	
		07MOD-0110 For Up To 10, Add	12.66	
		07MOD-0111 For >10 To 25, Add	10.11	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0152	SQ	140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	116.09	
		07MOD-0110 For Up To 10, Add	13.45	
		07MOD-0111 For >10 To 25, Add	10.90	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0153	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	121.35	
		07MOD-0110 For Up To 10, Add	13.71	
		07MOD-0111 For >10 To 25, Add	11.17	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0154	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	123.45	
		07MOD-0110 For Up To 10, Add	13.82	
		07MOD-0111 For >10 To 25, Add	11.27	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0155	SQ	170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	142.41	
		07MOD-0110 For Up To 10, Add	14.77	
		07MOD-0111 For >10 To 25, Add	12.22	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0156	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	182.95	
		07MOD-0110 For Up To 10, Add	16.79	
		07MOD-0111 For >10 To 25, Add	14.25	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0157	SQ	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	111.87	
		07MOD-0110 For Up To 10, Add	13.24	
		07MOD-0111 For >10 To 25, Add	10.69	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0158	SQ	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	130.01	
		07MOD-0110 For Up To 10, Add	14.15	
		07MOD-0111 For >10 To 25, Add	11.60	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0159	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	131.49	
		07MOD-0110 For Up To 10, Add	14.22	
		07MOD-0111 For >10 To 25, Add	11.67	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0160	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	135.22	
		07MOD-0110 For Up To 10, Add	14.41	
		07MOD-0111 For >10 To 25, Add	11.86	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0161	SQ	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	141.76	
		07MOD-0110 For Up To 10, Add	14.74	
		07MOD-0111 For >10 To 25, Add	12.19	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0162		Hot-Mopped, SBS Modified Bitumen Roofing Flashing (07533-0142)		
07533-0163	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.44	
07533-0164	SF	125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.18	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0165	SF	140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.34	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0166	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.39	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0167	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.41	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0168	SF	170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.60	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0169	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.01	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0170	SF	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.30	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07533-0171	SF 140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped..... <i>07MOD-0187 For Factory Applied White Reflective Surfacing, Add</i>	2.48 0.47	
07533-0172	SF 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped..... <i>07MOD-0187 For Factory Applied White Reflective Surfacing, Add</i>	2.54 0.47	
07533-0173	SF 170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped..... <i>07MOD-0187 For Factory Applied White Reflective Surfacing, Add</i>	2.59 0.47	
07533-0174	SF 145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.29	
07533-0175	SF 160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped.....	5.88	
07533-0176	Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07533-0108)</small> Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07533-0177	Torch-Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07533-0176)</small>		
07533-0178	SQ 120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Torch-Applied..... <i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i>	100.80 10.28 8.53	
07533-0179	SQ 150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	105.73	
	<i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i> <i>07MOD-0186 For Factory Applied White Reflective Surfacing, Add</i>	10.84 8.99 46.68	
07533-0180	SQ 160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied..... <i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i> <i>07MOD-0186 For Factory Applied White Reflective Surfacing, Add</i>	108.61 10.98 9.13 46.68	
07533-0181	SQ 180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied..... <i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i> <i>07MOD-0186 For Factory Applied White Reflective Surfacing, Add</i>	130.19 12.06 10.21 46.68	
07533-0182	SQ 150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied..... <i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i> <i>07MOD-0186 For Factory Applied White Reflective Surfacing, Add</i>	105.08 10.81 8.96 46.68	
07533-0183	SQ 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied..... <i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i> <i>07MOD-0186 For Factory Applied White Reflective Surfacing, Add</i>	112.40 11.17 9.32 46.68	
07533-0184	Torch-Applied, SBS Modified Bitumen Roofing Flashing <small>(07533-0176)</small>		
07533-0185	SF 150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	1.97	
07533-0186	SF 150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied..... <i>07MOD-0187 For Factory Applied White Reflective Surfacing, Add</i>	1.92 0.47	
07533-0187	SF 180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied..... <i>07MOD-0187 For Factory Applied White Reflective Surfacing, Add</i>	2.53 0.47	
07533-0188	SF 160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied..... <i>07MOD-0187 For Factory Applied White Reflective Surfacing, Add</i>	2.06 0.47	
07533-0189	SF 150 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.74	
07533-0190	SF 160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	5.40	
07533-0191	Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07533-0108)</small> Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07533-0192	Mechanically Fastened, SBS Modified Bitumen Roofing Base And Ply Sheets <small>(07533-0191)</small>		
07533-0193	SQ 35 Mil, SBS Modified Bitumen Ply Sheet, Mechanically Fastened..... <i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i>	72.01 7.09 5.93	
07533-0194	SQ 50 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	50.50	
	<i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i>	6.01 4.85	
07533-0195	SQ 80 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	81.10	
	<i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i>	7.54 6.38	
07533-0196	SQ 90 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	95.27	
	<i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i>	8.25 7.09	
07533-0197	SQ 120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	117.79	
	<i>07MOD-0110 For Up To 10, Add</i> <i>07MOD-0111 For >10 To 25, Add</i>	9.38 8.22	
07533-0198	Mechanically Fastened, SBS Modified Bitumen Roofing Flashing <small>(07533-0191)</small>		
07533-0199	SF 150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened.....	1.62	
07533-0200	SF 160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened	1.71	

07000 Thermal And Moisture Protection**07500 Roofing****07533 Membrane Roofing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07533-0201		Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07533-0108)</small>		
		Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07533-0202		Self-Adhering, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07533-0201)</small>		
07533-0203	SQ	60 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	49.96	
		07MOD-0110 For Up To 10, Add	6.69	
		07MOD-0111 For >10 To 25, Add	5.29	
07533-0204	SQ	70 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	59.87	
		07MOD-0110 For Up To 10, Add	7.18	
		07MOD-0111 For >10 To 25, Add	5.79	
07533-0205	SQ	120 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	98.28	
		07MOD-0110 For Up To 10, Add	9.42	
		07MOD-0111 For >10 To 25, Add	7.92	
07533-0206	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering	106.70	
		07MOD-0110 For Up To 10, Add	9.84	
		07MOD-0111 For >10 To 25, Add	8.34	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0207	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering	164.38	
		07MOD-0110 For Up To 10, Add	12.73	
		07MOD-0111 For >10 To 25, Add	11.22	
		07MOD-0186 For Factory Applied White Reflective Surfacing, Add	46.68	
07533-0208		Self-Adhering, SBS Modified Bitumen Roofing Flashing <small>(07533-0201)</small>		
07533-0209	SF	70 Mil, SBS Modified Bitumen Flashing, Self-Adhering	1.81	
07533-0210	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering	1.98	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0211	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering	2.55	
		07MOD-0187 For Factory Applied White Reflective Surfacing, Add	0.47	
07533-0212		Membrane Roofing Accessories <small>(07533)</small>		
07533-0213	LF	Roofing Membrane Termination Bar	2.80	0.99
07541		Neoprene Hypalon Liquid Roofing <small>(07500)</small>		
07541-0001		Neoprene Hypalon Liquid Roofing, 5 Coats <small>(07541)</small>		
07541-0002	SQ	5 Coat Spray-on Neoprene Hypalon Liquid Roofing, 60 mils	757.86	91.85
		07MOD-0076 For Each Additional Coat, Add	113.68	
07542		Vinyl Liquid Roofing <small>(07500)</small>		
07542-0001		Vinyl Spray Liquid Roofing <small>(07542)</small>		
07542-0002	SQ	Vinyl Liquid Roofing, 2 Mils	807.28	96.80
07542-0003	SQ	Vinyl Liquid Roofing, 4 Mils	903.46	108.11
07543		Silicone Liquid Roofing <small>(07500)</small>		
07543-0001		Silicone Liquid Roofing, 3 Coats <small>(07543)</small>		
07543-0002	SQ	Silicone Spray-on Roofing 3 Coats With 16 Mils Per Coat	122.22	55.46
07543-0003	SQ	Silicone Rolled-on Roofing 3 Coats With 16 Mils Per Coat	176.46	55.46
07543-0004	SQ	Silicone Brushed-on Roofing 3 Coats With 16 Mils Per Coat	217.06	55.46
07590		Roof Repair <small>(07500)</small>		
07590-0001		Emergency Roof Patch <small>(07590)</small>		
		Note: 4 Hour response time		
07590-0002	EA	Mobilize For Emergency Roof Patching	272.74	
07590-0003	EA	Granule Emergency Roof Patch Cover 16 SF	64.46	
07590-0004	LF	Heat Weld Roofing Seams For Repair	4.52	
07590-0005		Adhesives <small>(07590)</small>		
		Note: For repair of seams		
07590-0006		Mastic Sealer <small>(07590-0005)</small>		
07590-0007		Applied At Joints Only <small>(07590-0006)</small>		
07590-0008	LF	Mastic Sealer, 1/4" Bead At Joint	2.74	1.17
07600		Flashing And Sheet Metal <small>(07000)</small>		
		Note: Includes placement of materials on roof up to 2-1/2 stories.		
07620		Flashing And Trim <small>(07600)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07620-0001	Lead Flashing And Trim (07620)		
07620-0002	SF 2.5 LB/SF Sheet Lead Flashing	14.76	3.39
07620-0003	SF 4 LB/SF Sheet Lead Flashing	19.03	3.39
07620-0004	Copper Flashing And Trim (07620)		
07620-0005	Copper Flashing And Trim (07620-0004)		
07620-0006	SF 16 Ounce, 0.021" Thick, Copper Flashing And Trim	14.26	3.31
	07MOD-0001 For >500 To 2,000, Deduct	-1.99	
	07MOD-0002 For >2,000, Deduct	-2.37	
	07MOD-0079 For Copper Valley For Steep Slope Roofing, Add	1.31	
	07MOD-0080 For Wrap Around Window Panning, Add	6.56	
07620-0007	SF 20 Ounce, 0.027" Thick, Copper Flashing And Trim	14.74	3.39
	07MOD-0001 For >500 To 2,000, Deduct	-2.05	
	07MOD-0002 For >2,000, Deduct	-2.45	
	07MOD-0079 For Copper Valley For Steep Slope Roofing, Add	1.37	
	07MOD-0080 For Wrap Around Window Panning, Add	6.85	
07620-0008	SF 24 Ounce, 0.032" Thick, Copper Flashing And Trim	16.65	3.62
	07MOD-0001 For >500 To 2,000, Deduct	-2.31	
	07MOD-0002 For >2,000, Deduct	-2.78	
	07MOD-0079 For Copper Valley For Steep Slope Roofing, Add	1.44	
	07MOD-0080 For Wrap Around Window Panning, Add	7.18	
07620-0009	SF 32 Ounce, 0.043" Thick, Copper Flashing And Trim	20.16	3.77
	07MOD-0001 For >500 To 2,000, Deduct	-2.77	
	07MOD-0002 For >2,000, Deduct	-3.40	
	07MOD-0079 For Copper Valley For Steep Slope Roofing, Add	1.51	
	07MOD-0080 For Wrap Around Window Panning, Add	7.53	
07620-0010	Stainless Steel Flashing And Trim (07620)		
07620-0011	Stainless Steel Flashing And Trim (07620-0010)		
07620-0012	SF 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	6.71	1.81
	07MOD-0081 For Wrap Around Window Panning, Add	4.65	
	07MOD-0082 For Mechanically Keyed Flashing, Add	0.82	
07620-0013	SF 28 Gauge, 0.015" Thick, Stainless Steel Flashing And Trim	7.73	2.12
	07MOD-0081 For Wrap Around Window Panning, Add	4.65	
	07MOD-0082 For Mechanically Keyed Flashing, Add	1.23	
07620-0014	SF 26 Gauge, 0.018" Thick, Stainless Steel Flashing And Trim	8.81	2.49
	07MOD-0081 For Wrap Around Window Panning, Add	4.96	
	07MOD-0082 For Mechanically Keyed Flashing, Add	1.54	
07620-0015	SF 24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	10.37	2.64
	07MOD-0081 For Wrap Around Window Panning, Add	5.24	
	07MOD-0082 For Mechanically Keyed Flashing, Add	2.05	
07620-0016	Stainless Steel Drip Edge (07620-0010)		
07620-0017	LF 5" Girth, 24 Gauge, Stainless Steel Drip Edge	3.03	0.76
07620-0018	LF 8" Girth, 24 Gauge, Stainless Steel Drip Edge	3.54	0.76
07620-0019	Aluminum Flashing And Trim (07620)		
07620-0020	Aluminum Flashing And Trim (07620-0019)		
07620-0021	SF 0.013" Thick, Mill Finish, Aluminum Flashing And Trim	7.23	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.20	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0022	SF 0.016" Thick, Mill Finish, Aluminum Flashing And Trim	7.68	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.25	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0023	SF 0.019" Thick, Mill Finish, Aluminum Flashing And Trim	8.03	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.28	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0024	SF 0.024" Thick, Mill Finish, Aluminum Flashing And Trim	8.54	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.33	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0025	SF 0.032" Thick, Mill Finish, Aluminum Flashing And Trim	9.25	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.41	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0026	SF 0.040" Thick, Mill Finish, Aluminum Flashing And Trim	9.69	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.45	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0027	SF 0.050" Thick, Mill Finish, Aluminum Flashing And Trim	10.04	2.34
	07MOD-0077 For Baked Aluminum Colors, Add	0.48	
	07MOD-0078 For Wrap Around Window Panning, Add	5.20	
07620-0028	Aluminum Drip Edge (07620-0019)		
07620-0029	LF 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	2.52	0.67
07620-0030	LF 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	2.67	0.67
07620-0031	LF 5" Girth, 0.016" Thick, Painted Finish, Aluminum Drip Edge	2.68	0.67
07620-0032	LF 5" Girth, 0.019" Thick, Painted Finish, Aluminum Drip Edge	2.85	0.67

07000 Thermal And Moisture Protection**07600 Flashing And Sheet Metal****07620 Flashing And Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07620-0033	LF		8" Girth, 0.016" Thick, Painted Finish, Aluminum Drip Edge.....	3.39	0.67
07620-0034	LF		8" Girth, 0.019" Thick, Painted Finish, Aluminum Drip Edge.....	3.66	0.67
07620-0035	LF		28" Girth, 0.016" Thick, Painted Finish, Aluminum Drip Edge.....	12.54	2.64
07620-0036	LF		28" Girth, 0.019" Thick, Painted Finish, Aluminum Drip Edge.....	13.48	2.64
07620-0037			Aluminum Copings <small>(07620-0019)</small>		
			See CSI section 02112-0069 for masonry coping removal.		
07620-0038			Aluminum Coping System With Galvanized Steel Anchor Plate <small>(07620-0037)</small>		
07620-0039	LF		12-14" Wide (Stretch-out), 0.04" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate.....	14.50	1.88
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.67	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.27	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.27	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.90	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.67	
07620-0040	LF		12-14" Wide (Stretch-out), 0.05" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate.....	16.10	1.88
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.67	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.27	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.27	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.90	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.67	
07620-0041	LF		12-14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate.....	17.37	1.88
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.67	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.27	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.27	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.90	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.67	
07620-0042	LF		12-14" Wide (Stretch-out), 0.08" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Anchor Plate.....	18.33	1.88
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.67	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.27	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.27	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.90	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.67	
07620-0043			Aluminum Coping System With Galvanized Steel Cleats <small>(07620-0037)</small>		
07620-0044	LF		12-14" Wide (Stretch-out), 0.04" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	13.59	1.51
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.53	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.21	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.21	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.82	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.53	
07620-0045	LF		12-14" Wide (Stretch-out), 0.05" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	14.23	1.51
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.53	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.21	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.21	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.82	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.53	
07620-0046	LF		12-14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	14.87	1.51
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.53	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.21	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.21	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.82	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.53	
07620-0047	LF		12-14" Wide (Stretch-out), 0.08" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	15.51	1.51
			<i>07MOD-0083 For 6-8" Width (Stretch-out), Deduct</i>	-2.53	
			<i>07MOD-0084 For 9-11" Width (Stretch-out), Deduct</i>	-1.21	
			<i>07MOD-0085 For 15"-17" Width (Stretch-out), Add</i>	1.21	
			<i>07MOD-0086 For 18-22" Width (Stretch-out), Add</i>	2.82	
			<i>07MOD-0087 For 23-38" Width (Stretch-out), Add</i>	4.53	
07620-0048			Steel Flashing And Trim <small>(07620)</small>		
07620-0049			Galvanized Steel Flashing And Trim <small>(07620-0048)</small>		
07620-0050	SF		26 Gauge, Galvanized Steel Flashing.....	8.99	2.41
			<i>07MOD-0088 For Wrap Around Window Panning, Add</i>	5.24	
07620-0051	SF		24 Gauge, Galvanized Steel Flashing.....	9.29	2.41
			<i>07MOD-0088 For Wrap Around Window Panning, Add</i>	5.24	
07620-0052			Galvanized Steel Drip Edge <small>(07620-0048)</small>		
07620-0053	LF		5" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	2.54	0.67
07620-0054	LF		8" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	3.16	0.67
07620-0055			Galvanized Steel Fascia Panels <small>(07620-0048)</small>		
07620-0056	LF		4" Girth, 24 Gauge Galvanized Steel Fascia Panels.....	8.09	1.88
07620-0057	LF		6" Girth, 24 Gauge Galvanized Steel Fascia Panels.....	7.55	1.88
07620-0058	LF		8" Girth, 24 Gauge Galvanized Steel Fascia Panels.....	8.85	1.88
07620-0059	LF		10" Girth, 24 Gauge Galvanized Steel Fascia Panels.....	9.11	1.88



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07620-0060	Plastic Flashing And Trim <small>(07620)</small>		
	07620-0061	Neoprene Flashing <small>(07620-0060)</small>		
	07620-0062	60 Mil Thick <small>(07620-0061)</small>		
	07620-0063	LF 6" Wide Strip, 60 Mil, Neoprene Flashing	5.39	1.85
	07620-0064	LF 12" Wide Strip, 60 Mil, Neoprene Flashing	6.91	1.98
	07620-0065	LF 18" Wide Strip, 60 Mil, Neoprene Flashing	8.63	2.19
	07620-0066	LF 24" Wide Strip, 60 Mil, Neoprene Flashing	10.47	2.46
	07620-0067	Reglet With Counter Flashing <small>(07620)</small>		
		Note: Includes reglet cut		
	07620-0068	LF 0.025" Thick, Up To 12" Wide, Aluminum Counter Flashing With Reglet	9.15	1.58
	07620-0069	LF 10 Ounce Copper Reglet With Counter Flashing Up To 12" Wide	19.40	1.58
	07620-0070	LF 16 Ounce Copper Reglet With Counter Flashing Up To 12" Wide	21.70	1.58
	07620-0071	LF 28 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.45	1.51
	07620-0072	LF 26 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.15	1.51
	07620-0073	LF 24 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.37	1.58
	07620-0074	LF 22 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.60	1.58
	07620-0075	LF 20 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	9.84	1.51
	07620-0076	LF 18 Gauge Galvanized Steel Reglet With Counter Flashing Up To 12" Wide	10.15	1.58
	07620-0077	LF 24 Gauge Stainless Steel Reglet With Counter Flashing Up To 12" Wide	12.56	1.51
	07620-0078	LF 20 Gauge Stainless Steel Reglet With Counter Flashing Up To 12" Wide	13.60	1.51
	07620-0079	LF 20 Ounce Zinc And Copper Reglet With Counter Flashing Up To 12" Wide	19.22	1.51
	07620-0080	Building And Flashing Material <small>(07620)</small>		
	07620-0081	CSF Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	16.66	
	07620-0082	CSF Asphalt Saturated Kraft Building Paper, Grade D, "Jumbo Tex"	15.65	
	07620-0083	CSF 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Super Jumbo Tex 60 Minute"	18.87	
	07620-0084	CSF Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Two Ply Super Jumbo Tex 60 Minute"	23.60	
	07620-0085	CSF Red Rosin Sized Sheathing	14.56	
	07620-0086	CLF 6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	49.52	
	07620-0087	CLF 4" Wide Self Adhesive Butyl Sealing Tape	71.66	
	07620-0088	CLF 6" Wide Self Adhesive Butyl Sealing Tape	101.30	
	07620-0089	CLF 9" Wide Self Adhesive Butyl Sealing Tape	138.11	
	07620-0090	CSF Building Wrap (Tyvek)	41.18	
	07620-0091	Remove And Reinstall Metal Coping <small>(07620)</small>		
	07620-0092	LF Remove And Reinstall Metal Coping	5.24	
	07631	Gutters And Downspouts <small>(07600)</small>		
		Note: Includes all necessary support straps.		
	07631-0001	Aluminum Gutters And Downspouts <small>(07631)</small>		
	07631-0002	Aluminum Gutters <small>(07631-0001)</small>		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
	07631-0003	K-Style Aluminum Gutters <small>(07631-0002)</small>		
	07631-0004	LF 5", 0.027" Thick, K-Style Aluminum Gutter	4.74	1.88
	07631-0005	LF 6", 0.027" Thick, K-Style Aluminum Gutter	5.18	1.88
	07631-0006	LF 5", 0.032" Thick, K-Style Aluminum Gutter	4.97	1.88
	07631-0007	LF 6", 0.032" Thick, K-Style Aluminum Gutter	5.48	1.88
	07631-0008	LF 7", 0.032" Thick, K-Style Aluminum Gutter	10.70	1.88
	07631-0009	LF 8", 0.032" Thick, K-Style Aluminum Gutter	11.40	1.88
	07631-0010	LF 8", 0.040" Thick, K-Style Aluminum Gutter	12.99	1.88
	07631-0011	Half Round Aluminum Gutters <small>(07631-0002)</small>		
	07631-0012	LF 5", 0.027" Thick, Half Round Aluminum Gutter	9.36	1.88
	07631-0013	LF 6", 0.032" Thick, Half Round Aluminum Gutter	11.24	1.88
	07631-0014	Box Style Aluminum Gutters <small>(07631-0002)</small>		
	07631-0015	LF 6", 0.027" Thick, Box Style Aluminum Gutter	8.91	1.88
	07631-0016	LF 6", 0.032" Thick, Box Style Aluminum Gutter	8.94	1.88
	07631-0017	LF 7", 0.032" Thick, Box Style Aluminum Gutter	10.37	1.88
	07631-0018	LF 8", 0.032" Thick, Box Style Aluminum Gutter	11.65	1.88
	07631-0019	Aluminum Gutter End Caps <small>(07631-0001)</small>		
	07631-0020	K-Style, Aluminum Gutter End Caps <small>(07631-0019)</small>		
	07631-0021	EA 5", K-Style Aluminum Gutter End Cap	2.07	
	07631-0022	EA 6", K-Style Aluminum Gutter End Cap	2.52	
	07631-0023	EA 7", K-Style Aluminum Gutter End Cap	5.27	
	07631-0024	EA 8", K-Style Aluminum Gutter End Cap	6.11	

07000 Thermal And Moisture Protection**07600 Flashing And Sheet Metal****07631 Gutters And Downspouts**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07631-0025		Half Round, Aluminum Gutter End Caps (07631-0019)		
07631-0026	EA	5", Half Round Aluminum Gutter End Cap.....	3.22	
07631-0027	EA	6", Half Round Aluminum Gutter End Cap.....	4.89	
07631-0028		Box Style, Aluminum Gutter End Caps (07631-0019)		
07631-0029	EA	6", Box Style Aluminum Gutter End Cap.....	5.73	
07631-0030	EA	7", Box Style Aluminum Gutter End Cap.....	6.21	
07631-0031	EA	8", Box Style Aluminum Gutter End Cap.....	7.26	
07631-0032		Aluminum Gutter Miters (07631-0001)		
		Note: Inside or outside miters.		
07631-0033		K-Style, Aluminum Gutter Miters (07631-0032)		
07631-0034	EA	5", K-Style Aluminum Gutter Miter.....	7.04	
07631-0035	EA	6", K-Style Aluminum Gutter Miter.....	10.25	
07631-0036	EA	7", K-Style Aluminum Gutter Miter.....	39.28	
07631-0037	EA	8", K-Style Aluminum Gutter Miter.....	42.54	
07631-0038		Half Round, Aluminum Gutter Miters (07631-0032)		
07631-0039	EA	5", Half Round Aluminum Gutter Miter.....	15.11	
07631-0040	EA	6", Half Round Aluminum Gutter Miter.....	25.61	
07631-0041		Box Style, Aluminum Gutter Miters (07631-0032)		
07631-0042	EA	6", Box Style Aluminum Gutter Miter.....	31.36	
07631-0043	EA	7", Box Style Aluminum Gutter Miter.....	48.45	
07631-0044	EA	8", Box Style Aluminum Gutter Miter.....	52.52	
07631-0045		Aluminum Gutter Wire Strainers (07631-0001)		
07631-0046	EA	3" Diameter, Round Aluminum Wire Strainer.....	8.05	1.88
07631-0047	EA	4" Diameter, Round Aluminum Wire Strainer.....	11.51	1.88
07631-0048		Aluminum Downspouts (07631-0001)		
		Note: Includes elbows, hangers and fasteners.		
07631-0049		Round Aluminum Downspouts (07631-0048)		
07631-0050	LF	3" Diameter, Round Aluminum Downspout.....	4.15	1.81
07631-0051	LF	4" Diameter, Round Aluminum Downspout.....	4.67	1.81
07631-0052		Rectangular Aluminum Downspouts (07631-0048)		
07631-0053	LF	2" x 3", Rectangular Aluminum Downspout.....	3.08	1.81
07631-0054	LF	3" x 4", Rectangular Aluminum Downspout.....	3.74	1.81
07631-0055	LF	4" x 5", Rectangular Aluminum Downspout.....	6.49	1.81
07631-0056		Aluminum Devices (07631-0001)		
07631-0057	EA	Thru-Wall Aluminum Scupper Outlet.....	95.88	15.36
07631-0058	EA	Aluminum Leader/Conductor Head.....	129.61	17.07
07631-0059		Copper Gutters And Downspouts (07631)		
07631-0060		Copper Gutters (07631-0059)		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07631-0061		K-Style Copper Gutters (07631-0060)		
07631-0062	LF	4", 16 Ounce, K-Style Copper Gutter.....	11.97	1.88
07631-0063	LF	5", 16 Ounce, K-Style Copper Gutter.....	17.49	1.88
07631-0064	LF	6", 16 Ounce, K-Style Copper Gutter.....	21.01	1.88
07631-0065	LF	5", 20 Ounce, K-Style Copper Gutter.....	22.65	1.88
07631-0066	LF	6", 20 Ounce, K-Style Copper Gutter.....	28.32	1.88
07631-0067	LF	7", 20 Ounce, K-Style Copper Gutter.....	32.91	1.88
07631-0068	LF	8", 20 Ounce, K-Style Copper Gutter.....	36.31	1.88
07631-0069		Half Round Copper Gutters (07631-0060)		
07631-0070	LF	5", 16 Ounce, Half Round Copper Gutter.....	14.80	1.88
07631-0071	LF	6", 16 Ounce, Half Round Copper Gutter.....	19.01	1.88
07631-0072	LF	7", 16 Ounce, Half Round Copper Gutter.....	33.02	1.88
07631-0073	LF	5", 20 Ounce, Half Round Copper Gutter.....	17.62	1.88
07631-0074	LF	6", 20 Ounce, Half Round Copper Gutter.....	22.00	1.88
07631-0075	LF	7", 20 Ounce, Half Round Copper Gutter.....	34.85	1.88
07631-0076	LF	8", 20 Ounce, Half Round Copper Gutter.....	39.37	1.88



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07631-0077	Copper Gutter End Caps <small>(07631-0059)</small>		
	07631-0078	K-Style, Copper Gutter End Caps <small>(07631-0077)</small>		
	07631-0079	EA 4", K-Style Copper Gutter End Cap	4.55	
	07631-0080	EA 5", K-Style Copper Gutter End Cap	4.89	
	07631-0081	EA 6", K-Style Copper Gutter End Cap	5.23	
	07631-0082	EA 7", K-Style Copper Gutter End Cap	14.24	
	07631-0083	EA 8", K-Style Copper Gutter End Cap	17.40	
	07631-0084	Half Round, Copper Gutter End Caps <small>(07631-0077)</small>		
	07631-0085	EA 4", Half Round Copper Gutter End Cap	5.55	
	07631-0086	EA 5", Half Round Copper Gutter End Cap	6.27	
	07631-0087	EA 6", Half Round Copper Gutter End Cap	9.56	
	07631-0088	EA 7", Half Round Copper Gutter End Cap	29.19	
	07631-0089	EA 8", Half Round Copper Gutter End Cap	34.51	
	07631-0090	Copper Gutter Miters <small>(07631-0059)</small>		
		Note: Inside or outside miters.		
	07631-0091	K-Style, Copper Gutter Miters <small>(07631-0090)</small>		
	07631-0092	EA 4", K-Style Copper Gutter Miter	25.22	
	07631-0093	EA 5", K-Style Copper Gutter Miter	28.68	
	07631-0094	EA 6", K-Style Copper Gutter Miter	43.33	
	07631-0095	EA 7", K-Style Copper Gutter Miter	63.44	
	07631-0096	EA 8", K-Style Copper Gutter Miter	74.98	
	07631-0097	Half Round, Copper Gutter Miters <small>(07631-0090)</small>		
	07631-0098	EA 4", Half Round Copper Gutter Miter	42.41	
	07631-0099	EA 5", Half Round Copper Gutter Miter	38.21	
	07631-0100	EA 6", Half Round Copper Gutter Miter	57.11	
	07631-0101	EA 7", Half Round Copper Gutter Miter	68.79	
	07631-0102	EA 8", Half Round Copper Gutter Miter	81.92	
	07631-0103	Copper Gutter Wire Strainers <small>(07631-0059)</small>		
	07631-0104	EA 2" Diameter, Round Copper Wire Strainer	10.16	1.88
	07631-0105	EA 3" Diameter, Round Copper Wire Strainer	12.20	1.88
	07631-0106	EA 4" Diameter, Round Copper Wire Strainer	18.88	1.88
	07631-0107	EA 5" Diameter, Round Copper Wire Strainer	24.70	1.88
	07631-0108	EA 6" Diameter, Round Copper Wire Strainer	29.57	1.88
	07631-0109	Copper Downspouts <small>(07631-0059)</small>		
		Note: Includes elbows, hangers and fasteners.		
	07631-0110	Round Copper Downspouts <small>(07631-0109)</small>		
	07631-0111	LF 2" Diameter, 16 Ounce, Round Copper Downspout	19.40	1.81
	07631-0112	LF 3" Diameter, 16 Ounce, Round Copper Downspout	13.45	1.81
	07631-0113	LF 4" Diameter, 16 Ounce, Round Copper Downspout	17.01	1.81
	07631-0114	LF 5" Diameter, 16 Ounce, Round Copper Downspout	27.31	1.81
	07631-0115	LF 6" Diameter, 16 Ounce, Round Copper Downspout	35.17	1.81
	07631-0116	LF 3" Diameter, 20 Ounce, Round Copper Downspout	18.27	1.81
	07631-0117	LF 4" Diameter, 20 Ounce, Round Copper Downspout	23.77	1.81
	07631-0118	LF 5" Diameter, 20 Ounce, Round Copper Downspout	36.24	1.81
	07631-0119	Square Copper Downspouts <small>(07631-0109)</small>		
	07631-0120	LF 3" Diameter, 16 Ounce, Square Copper Downspout	9.25	1.81
	07631-0121	LF 4" Diameter, 16 Ounce, Square Copper Downspout	11.61	1.81
	07631-0122	LF 5" Diameter, 16 Ounce, Square Copper Downspout	16.71	1.81
	07631-0123	LF 3" Diameter, 20 Ounce, Square Copper Downspout	10.71	1.81
	07631-0124	LF 4" Diameter, 20 Ounce, Square Copper Downspout	13.66	1.81
	07631-0125	LF 5" Diameter, 20 Ounce, Square Copper Downspout	19.72	1.81
	07631-0126	Rectangular Copper Downspouts <small>(07631-0109)</small>		
	07631-0127	LF 2" x 3", 16 Ounce, Rectangular Copper Downspout	13.82	1.81
	07631-0128	LF 3" x 4", 16 Ounce, Rectangular Copper Downspout	17.53	1.81
	07631-0129	LF 4" x 5", 16 Ounce, Rectangular Copper Downspout	25.03	1.81
	07631-0130	LF 2" x 3", 20 Ounce, Rectangular Copper Downspout	16.13	1.81
	07631-0131	LF 3" x 4", 20 Ounce, Rectangular Copper Downspout	20.73	1.81
	07631-0132	LF 4" x 5", 20 Ounce, Rectangular Copper Downspout	29.86	1.81
	07631-0133	Copper Devices And Accessories <small>(07631-0059)</small>		
	07631-0134	EA Thru-Wall Copper Scupper Outlet	108.15	15.36

07000 Thermal And Moisture Protection**07600 Flashing And Sheet Metal****07631 Gutters And Downspouts**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07631-0135	EA	Copper Leader/Conductor Head.....	223.15	17.07
07631-0136	EA	Copper Eave Box.....	221.29	11.31
07631-0137		Galvanized Steel Gutters And Downspouts (07631)		
07631-0138		Galvanized Steel Gutters (07631-0137) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07631-0139		K-Style Galvanized Steel Gutters (07631-0138)		
07631-0140	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter.....	5.44	1.88
07631-0141	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter.....	6.14	1.88
07631-0142	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter.....	14.29	1.88
07631-0143	LF	8", 24 Gauge, K-Style Galvanized Steel Gutter.....	14.69	1.88
07631-0144		Half Round Galvanized Steel Gutters (07631-0138)		
07631-0145	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter.....	7.81	1.88
07631-0146	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter.....	9.63	1.88
07631-0147	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter.....	23.82	1.88
07631-0148	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter.....	25.09	1.88
07631-0149		Box Style Galvanized Steel Gutters (07631-0138)		
07631-0150	LF	7", 26 Gauge, Box Style Galvanized Steel Gutter.....	7.23	1.88
07631-0151	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter.....	7.41	1.88
07631-0152		Galvanized Steel Gutter End Caps (07631-0137)		
07631-0153		K-Style, Galvanized Steel Gutter End Caps (07631-0152)		
07631-0154	EA	5", K-Style Galvanized Steel Gutter End Cap.....	2.89	
07631-0155	EA	6", K-Style Galvanized Steel Gutter End Cap.....	3.25	
07631-0156	EA	7", K-Style Galvanized Steel Gutter End Cap.....	6.46	
07631-0157	EA	8", K-Style Galvanized Steel Gutter End Cap.....	9.14	
07631-0158		Half Round, Galvanized Steel Gutter End Caps (07631-0152)		
07631-0159	EA	5", Half Round Galvanized Steel Gutter End Cap.....	3.57	
07631-0160	EA	6", Half Round Galvanized Steel Gutter End Cap.....	4.03	
07631-0161	EA	7", Half Round Galvanized Steel Gutter End Cap.....	7.07	
07631-0162	EA	8", Half Round Galvanized Steel Gutter End Cap.....	9.39	
07631-0163		Box Style, Galvanized Steel Gutter End Caps (07631-0152)		
07631-0164	EA	7", Box Style Galvanized Steel Gutter End Cap.....	7.91	
07631-0165	EA	8", Box Style Galvanized Steel Gutter End Cap.....	10.43	
07631-0166		Galvanized Steel Gutter Miters (07631-0137) Note: Inside or outside miters.		
07631-0167		K-Style, Galvanized Steel Gutter Miters (07631-0166)		
07631-0168	EA	5", K-Style Galvanized Steel Gutter Miter.....	11.96	
07631-0169	EA	6", K-Style Galvanized Steel Gutter Miter.....	20.48	
07631-0170	EA	7", K-Style Galvanized Steel Gutter Miter.....	34.01	
07631-0171	EA	8", K-Style Galvanized Steel Gutter Miter.....	38.21	
07631-0172		Half Round, Galvanized Steel Gutter Miters (07631-0166)		
07631-0173	EA	5", Half Round Galvanized Steel Gutter Miter.....	17.24	
07631-0174	EA	6", Half Round Galvanized Steel Gutter Miter.....	19.31	
07631-0175	EA	7", Half Round Galvanized Steel Gutter Miter.....	59.34	
07631-0176	EA	8", Half Round Galvanized Steel Gutter Miter.....	62.49	
07631-0177		Box Style, Galvanized Steel Gutter Miters (07631-0166)		
07631-0178	EA	7", Box Style Galvanized Steel Gutter Miter.....	36.11	
07631-0179	EA	8", Box Style Galvanized Steel Gutter Miter.....	38.21	
07631-0180		Galvanized Steel Gutter Wire Strainers (07631-0137)		
07631-0181	EA	3" Diameter, Round Galvanized Steel Wire Strainer.....	7.21	1.88
07631-0182	EA	4" Diameter, Round Galvanized Steel Wire Strainer.....	10.00	1.88
07631-0183		Galvanized Steel Downspouts (07631-0137) Note: Includes elbows, hangers and fasteners.		
07631-0184		Round Galvanized Steel Downspouts (07631-0183)		
07631-0185	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	3.64	1.81



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07631-0186	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	4.35	1.81
07631-0187	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	5.68	1.81
07631-0188	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	11.81	1.81
07631-0189		Square Galvanized Steel Downspouts (07631-0183)		
07631-0190	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout.....	4.04	1.81
07631-0191	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout.....	4.98	1.81
07631-0192		Rectangular Galvanized Steel Downspouts (07631-0183)		
07631-0193	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....	3.69	1.81
07631-0194	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	4.52	1.81
07631-0195	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	7.81	1.81
07631-0196		Galvanized Steel Devices (07631-0137)		
07631-0197	EA	Galvanized Steel Leader/Conductor Head.....	141.27	17.07
07631-0198	EA	Thru-Wall Galvanized Steel Scupper Outlet.....	103.18	15.36
07631-0199		Stainless Steel Gutters And Downspouts (07631)		
		Note: AISI type 304 stainless steel.		
07631-0200		Stainless Steel Gutters (07631-0199)		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07631-0201		K-Style Stainless Steel Gutters (07631-0200)		
07631-0202	LF	5", 0.018" Thick, K-Style Stainless Steel Gutter.....	13.21	1.88
07631-0203	LF	6", 0.018" Thick, K-Style Stainless Steel Gutter.....	15.73	1.88
07631-0204		Half Round Stainless Steel Gutters (07631-0200)		
07631-0205	LF	5", 0.018" Thick, Half Round Stainless Steel Gutter.....	18.39	1.88
07631-0206	LF	6", 0.018" Thick, Half Round Stainless Steel Gutter.....	22.17	1.88
07631-0207		Stainless Steel Gutter End Caps (07631-0199)		
07631-0208		K-Style, Stainless Steel Gutter End Caps (07631-0207)		
07631-0209	EA	5", K-Style Stainless Steel Gutter End Cap.....	4.66	
07631-0210	EA	6", K-Style Stainless Steel Gutter End Cap.....	5.29	
07631-0211		Half Round, Stainless Steel Gutter End Caps (07631-0207)		
07631-0212	EA	5", Half Round Stainless Steel Gutter End Cap.....	5.45	
07631-0213	EA	6", Half Round Stainless Steel Gutter End Cap.....	6.23	
07631-0214		Stainless Steel Gutter Miters (07631-0199)		
		Note: Inside or outside box miters.		
07631-0215		K-Style, Stainless Steel Gutter Miters (07631-0214)		
07631-0216	EA	5", K-Style Stainless Steel Gutter Miter.....	18.92	
07631-0217	EA	6", K-Style Stainless Steel Gutter Miter.....	31.52	
07631-0218		Half Round, Stainless Steel Gutter Miters (07631-0214)		
07631-0219	EA	5", Half Round Stainless Steel Gutter Miter.....	50.42	
07631-0220	EA	6", Half Round Stainless Steel Gutter Miter.....	61.94	
07631-0221		Stainless Steel Gutter Wire Strainers (07631-0199)		
07631-0222	EA	3" Diameter, Round Stainless Steel Wire Strainer.....	21.56	1.88
07631-0223	EA	4" Diameter, Round Stainless Steel Wire Strainer.....	22.04	1.88
07631-0224		Stainless Steel Downspouts (07631-0199)		
		Note: Includes elbows, hangers and fasteners.		
07631-0225		Round Stainless Steel Downspouts (07631-0224)		
07631-0226	LF	3" Diameter, 0.018" Thick, Round Stainless Steel Downspout.....	12.79	1.81
07631-0227	LF	4" Diameter, 0.018" Thick, Round Stainless Steel Downspout.....	22.61	1.81
07631-0228	LF	5" Diameter, 0.018" Thick, Round Stainless Steel Downspout.....	34.65	1.81
07631-0229		Rectangular Stainless Steel Downspouts (07631-0224)		
07631-0230	LF	2" x 3", 0.018" Thick, Rectangular Stainless Steel Downspout.....	8.65	1.81
07631-0231	LF	3" x 4", 0.018" Thick, Rectangular Stainless Steel Downspout.....	11.37	1.81
07631-0232	LF	4" x 5", 0.018" Thick, Rectangular Stainless Steel Downspout.....	27.36	1.81

07000 Thermal And Moisture Protection**07600 Flashing And Sheet Metal****07631 Gutters And Downspouts**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07631-0233		Stainless Steel Devices (07631-0199)		
07631-0234	EA	Thru-Wall Stainless Steel Scupper Outlet.....	165.06	16.96
07631-0235	EA	Stainless Steel Leader/Conductor Head.....	187.66	16.96
07631-0236		Vinyl Gutters And Downspouts (07631)		
07631-0237		Vinyl Gutters (07631-0236) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07631-0238		K-Style Vinyl Gutters (07631-0237)		
07631-0239	LF	4", K-Style Vinyl Gutter.....	6.10	1.88
07631-0240	LF	5", K-Style Vinyl Gutter.....	7.63	1.88
07631-0241		Half Round Vinyl Gutters (07631-0237)		
07631-0242	LF	4", Half Round Vinyl Gutter.....	6.28	1.88
07631-0243	LF	5", Half Round Vinyl Gutter.....	6.55	1.88
07631-0244		Vinyl Gutter End Caps (07631-0236)		
07631-0245		K-Style, Vinyl Gutter End Caps (07631-0244)		
07631-0246	EA	4", K-Style Vinyl Gutter End Cap.....	3.66	
07631-0247	EA	5", K-Style Vinyl Gutter End Cap.....	4.92	
07631-0248		Half Round, Vinyl Gutter End Caps (07631-0244)		
07631-0249	EA	4", Half Round Vinyl Gutter End Cap.....	4.12	
07631-0250	EA	5", Half Round Vinyl Gutter End Cap.....	3.91	
07631-0251		Vinyl Gutter Miters (07631-0236) Note: Inside or outside miters.		
07631-0252		K-Style, Vinyl Gutter Miters (07631-0251)		
07631-0253	EA	4", K-Style Vinyl Gutter Miter.....	8.81	
07631-0254	EA	5", K-Style Vinyl Gutter Miter.....	12.90	
07631-0255		Half Round, Vinyl Gutter Miters (07631-0251)		
07631-0256	EA	4", Half Round Vinyl Gutter Miter.....	8.81	
07631-0257	EA	5", Half Round Vinyl Gutter Miter.....	9.52	
07631-0258		Vinyl Downspouts (07631-0236) Note: Includes elbows, hangers and fasteners.		
07631-0259		Round Vinyl Downspouts (07631-0258)		
07631-0260	LF	2-1/2" Diameter, Round Vinyl Downspout.....	3.98	1.81
07631-0261	LF	3" Diameter, Round Vinyl Downspout.....	4.13	1.81
07631-0262		Square Vinyl Downspouts (07631-0258)		
07631-0263	LF	2-1/2", Square Vinyl Downspout.....	3.92	1.81
07631-0264		Rectangular Vinyl Downspouts (07631-0258)		
07631-0265	LF	2" x 3", Rectangular Vinyl Downspout.....	4.87	1.81
07631-0266		Gutter And Downspout Boot (07631)		
07631-0267		Cast Iron Roof Drainage Downspout Boots (07631-0266)		
07631-0268	LF	2" x 3" Cast Iron Roof Drainage Downspout Boot.....	213.36	2.71
07631-0269	LF	3" x 4" Cast Iron Roof Drainage Downspout Boot.....	231.67	2.71
07631-0270	LF	4" x 5" Cast Iron Roof Drainage Downspout Boot.....	276.11	2.71
07631-0271		Leaf Guards And Cleaning (07631)		
07631-0272	LF	Aluminum Mesh Gutter Leaf Guard.....	1.57	0.51
07631-0273	LF	Vinyl Mesh Gutter Leaf Guard.....	1.35	0.51
07631-0274	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire.....	10.04	0.64
07631-0275	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire.....	14.42	0.64
07631-0276	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh.....	7.64	0.64
07631-0277	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh.....	11.84	0.64
07631-0278	EA	Cleanout Roof Drain.....	98.69	
		Note: Includes removing dome and flushing.		
07631-0279	LF	Clean Gutters And Downspouts.....	1.01	



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07650	Through Wall Flashing <small>(07600)</small>		
07650-0001	Through Wall Flashing <small>(07650)</small>		
07650-0002	Polyvinyl Chloride (PVC) Through Wall Flashing <small>(07650-0001)</small>		
07650-0003	Black PVC Through Wall Flashing <small>(07650-0002)</small>		
07650-0004	SF 0.010" Thick Black PVC Through Wall Flashing	2.52	1.10
07650-0005	SF 0.020" Thick Black PVC Through Wall Flashing	2.60	1.10
07650-0006	SF 0.030" Thick Black PVC Through Wall Flashing	2.71	1.10
07650-0007	SF 0.056" Thick Black PVC Through Wall Flashing	3.03	1.10
07650-0008	Copper Through Wall Flashing <small>(07650-0001)</small>		
07650-0009	Copper Through Wall Flashing <small>(07650-0008)</small>		
07650-0010	2 Sides Coated With Asphalt, Thru-Wall Copper Flashing <small>(07650-0009)</small>		
07650-0011	SF 2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.01	1.06
07650-0012	SF 3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.33	1.06
07650-0013	SF 5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.18	1.06
07650-0014	SF 7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.93	1.06
07650-0015	SF 10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.25	1.06
07650-0016	2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing <small>(07650-0009)</small>		
07650-0017	SF 2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	4.32	1.06
07650-0018	SF 3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	4.59	1.06
07650-0019	SF 5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.58	1.06
07650-0020	SF 7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.48	1.06
07650-0021	SF 10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.01	1.06
07650-0022	1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing <small>(07650-0009)</small>		
07650-0023	SF 5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.21	1.06
07650-0024	SF 7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.96	1.06
07650-0025	SF 10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.28	1.06
07650-0026	2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing <small>(07650-0009)</small>		
07650-0027	SF 10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.59	1.06
07650-0028	2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing <small>(07650-0009)</small>		
07650-0029	SF 3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.35	1.06
07650-0030	SF 5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.49	1.06
07650-0031	2 Sides Glass Fabric, Thru-Wall Copper Flashing <small>(07650-0009)</small> Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
07650-0032	SF 3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	4.69	1.06
07650-0033	SF 5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	5.71	1.06
07650-0034	Lead Coated Copper Through Wall Flashing <small>(07650-0001)</small>		
07650-0035	Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing <small>(07650-0034)</small>		
07650-0036	SF 2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.13	1.13
07650-0037	SF 3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.93	1.13
07650-0038	SF 5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.61	1.13
07650-0039	SF 7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.69	1.13
07650-0040	Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing <small>(07650-0034)</small>		
07650-0041	SF 2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.38	1.13
07650-0042	SF 3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.05	1.13
07650-0043	SF 5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.71	1.13
07650-0044	SF 7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.87	1.13
07650-0045	Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing <small>(07650-0034)</small>		
07650-0046	SF 2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	4.74	1.13
07650-0047	SF 3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.68	1.13
07650-0048	SF 5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.28	1.13
07650-0049	SF 7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.23	1.13

07000 Thermal And Moisture Protection**07600 Flashing And Sheet Metal****07650 Through Wall Flashing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07650-0050	Stainless Steel Through Wall Flashing <small>(07650-0001)</small>		
07650-0051	Paper Backed 2 Sides, Stainless Steel Through Wall Flashing <small>(07650-0050)</small>		
07650-0052	SF 0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	4.55	1.06
07660 Gravel Stops <small>(07660)</small>			
07660-0001	Aluminum, Mill Finish, Set In Mastic <small>(07660)</small>		
07660-0002	LF 0.032" Thick Aluminum Gravel Stop, 4" Face Height, Mill Finish.....	4.08	0.83
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	0.78	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.56	
07660-0003	LF 0.040" Thick Aluminum Gravel Stop, 6" Face Height, Mill Finish.....	4.55	0.98
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	0.88	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.64	
07660-0004	LF 0.040" Thick Aluminum Gravel Stop, 8" Face Height, Mill Finish.....	5.26	1.13
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.07	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.78	
07660-0005	LF 0.040" Thick Aluminum Gravel Stop, 12" Face Height, Mill Finish.....	7.46	1.28
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.64	
	<i>07MOD-0090 For Painted Finish, Add</i>	1.19	
07660-0006	LF 0.05" Thick Aluminum Gravel Stop, 4" Height, Mill Finish.....	4.80	1.21
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	0.79	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.57	
07660-0007	LF 0.05" Thick Aluminum Gravel Stop, 6" Height, Mill Finish.....	5.55	1.36
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	0.94	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.68	
07660-0008	LF 0.05" Thick Aluminum Gravel Stop, 8" Height, Mill Finish.....	6.46	1.51
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.14	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.83	
07660-0009	LF 0.05" Thick Aluminum Gravel Stop, 12" Height, Mill Finish.....	9.41	1.81
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.91	
	<i>07MOD-0090 For Painted Finish, Add</i>	1.39	
07660-0010	LF 0.064" Thick Aluminum Gravel Stop, 4" Face Height, Mill Finish.....	6.53	1.73
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.01	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.73	
07660-0011	LF 0.064" Thick Aluminum Gravel Stop, 6" Face Height, Mill Finish.....	7.50	1.88
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.23	
	<i>07MOD-0090 For Painted Finish, Add</i>	0.90	
07660-0012	LF 0.064" Thick Aluminum Gravel Stop, 8" Face Height, Mill Finish.....	8.78	2.08
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1.53	
	<i>07MOD-0090 For Painted Finish, Add</i>	1.11	
07660-0013	LF 0.064" Thick Aluminum Gravel Stop, 12" Face Height, Mill Finish.....	11.21	2.49
	<i>07MOD-0089 For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	2.06	
	<i>07MOD-0090 For Painted Finish, Add</i>	1.50	
07660-0014	LF Drip Edge, Aluminum, 5" Girth Mill Finish	2.21	0.98
07660-0015 Stainless Steel <small>(07660)</small>			
07660-0016	LF 24 Gauge, Stainless Steel Gravel Stop, 4" - 6" Height.....	13.61	2.27
07660-0017	LF 24 Gauge, Stainless Steel Gravel Stop, 8" -10" Height.....	18.89	2.71
07660-0018	LF 24 Gauge, Stainless Steel Gravel Stop, 12" Height	23.84	3.24
07660-0019	LF 20 Gauge, Stainless Steel Gravel Stop, 4" - 6" Height.....	14.83	2.27
07660-0020	LF 20 Gauge, Stainless Steel Gravel Stop, 8" -10" Height.....	21.08	2.71
07660-0021	LF 20 Gauge, Stainless Steel Gravel Stop, 12" Height	27.02	3.24
07660-0022 Galvanized Steel <small>(07660)</small>			
07660-0023	LF 24 Gauge Galvanized Steel Gravel Stop, 4" Face, With Continuous Cleat.....	7.37	2.27
07660-0024	LF 24 Gauge Galvanized Steel Gravel Stop, 6" Face, With Continuous Cleat.....	7.62	2.27
07660-0025 Copper <small>(07660)</small>			
07660-0026	LF 2-1/2" Face Copper Gravel Stop.....	18.17	1.81
07660-0027	LF 4" Face Copper Gravel Stop	20.63	2.15
07660-0028	LF 6" Face Copper Gravel Stop	23.60	2.62
07660-0029	LF 8" Face Copper Gravel Stop	28.45	2.85
07660-0030	LF 10" Face Copper Gravel Stop.....	29.68	3.24
07660-0031 PVC <small>(07660)</small>			
07660-0032	LF PVC Gravel Stop, 6" Height.....	6.90	1.94
07660-0033	LF PVC Gravel Stop, 9" Height	8.12	2.26
07660-0034	EA PVC Downspout Clamps Up To 4"	8.58	1.61
07670 Vents <small>(07600)</small>			
07670-0001	Aluminum Vents <small>(07670)</small>		
07670-0002	Aluminum Ridge Vents <small>(07670-0001)</small>		
07670-0003	LF Aluminum Ridge Vent Strips	6.78	2.19



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07670-0004	EA	Aluminum Ridge Univent Connectors.....	32.23	13.57
07670-0005	EA	Aluminum Ridge Univent End Cap.....	31.08	13.57
07670-0006		Soffit Vents (07670-0001)		
07670-0007	LF	2-1/2" Wide Aluminum Soffit Vent.....	4.27	1.73
07670-0008	LF	3" Wide Aluminum Soffit Vent.....	8.06	3.39
07670-0009		Under Eave Vents (07670-0001)		
07670-0010	EA	4" x 16" Under Eave Vent, Mill Finish.....	12.01	4.52
07670-0011	EA	8" x 16" Under Eave Vent, Mill Finish.....	12.26	4.52
07670-0012		Galvanized Sheet Metal Vent (07670)		
07670-0013		Galvanized Ridge Vents (07670-0012)		
07670-0014	LF	Galvanized Sheet Metal Ridge Vent Strips.....	7.86	2.34
07670-0015		Vinyl Vent (07670)		
07670-0016		Soffit Vents (07670-0015)		
07670-0017	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	3.93	1.71
		07MOD-0091 For Colors, Add	0.05	
07670-0018	LF	3" To 4" Vinyl Soffit Vent, Perforated, White.....	4.32	1.71
		07MOD-0091 For Colors, Add	0.09	
07680		Elastomeric Pads (07680)		
07680-0001		Neoprene (07680)		
07680-0002	SF	1/16" Neoprene Reinforced Elastomeric Pads.....	5.29	1.42
07680-0003	SF	1/8" Neoprene Reinforced Elastomeric Pads.....	5.77	1.42
07680-0004	SF	3/16" Neoprene Reinforced Elastomeric Pads.....	6.40	1.76
07680-0005	SF	1/4" Neoprene Reinforced Elastomeric Pads.....	6.58	1.76
07680-0006	SF	5/16" Neoprene Reinforced Elastomeric Pads.....	7.00	1.76
07680-0007	SF	3/8" Neoprene Reinforced Elastomeric Pads.....	7.43	1.76
07680-0008	SF	1/2" Neoprene Reinforced Elastomeric Pads.....	8.39	2.12
07680-0009	SF	5/8" Neoprene Reinforced Elastomeric Pads.....	9.54	2.12
07680-0010	SF	3/4" Neoprene Reinforced Elastomeric Pads.....	10.48	2.12
07680-0011	SF	1" Neoprene Reinforced Elastomeric Pads.....	11.43	2.47
07700		Roof Specialties And Accessories (07700)		
		Note: Includes placement of materials on roof up to 2-1/2 stories.		
07713		Roof Pavers (07700)		
07713-0001		Roof Pavers (07713)		
		Note: For walkway application over roofing system		
07713-0002	SF	2" Concrete Roof Paver, For Quantities Up To 100 SF.....	8.95	4.59
		07MOD-0092 For 1-1/2" Thickness, Deduct	-0.76	
		07MOD-0093 For 2-1/2" Thickness, Add	0.76	
		07MOD-0094 For 3" Thickness, Add	1.51	
07713-0003	SF	2" Concrete Roof Paver, For Quantities > 100 To 200 SF.....	7.57	3.46
		07MOD-0092 For 1-1/2" Thickness, Deduct	-0.63	
		07MOD-0093 For 2-1/2" Thickness, Add	0.63	
		07MOD-0094 For 3" Thickness, Add	1.25	
07713-0004	SF	2" Concrete Roof Paver, For Quantities > 200 To 400 SF.....	6.44	2.75
		07MOD-0092 For 1-1/2" Thickness, Deduct	-0.52	
		07MOD-0093 For 2-1/2" Thickness, Add	0.52	
		07MOD-0094 For 3" Thickness, Add	1.04	
07713-0005	SF	2" Concrete Roof Paver, For Quantities > 400 To 1000 SF.....	5.74	2.41
		07MOD-0092 For 1-1/2" Thickness, Deduct	-0.46	
		07MOD-0093 For 2-1/2" Thickness, Add	0.46	
		07MOD-0094 For 3" Thickness, Add	0.92	
07713-0006	SF	2" Concrete Roof Paver, For Quantities > 1000 SF.....	5.28	2.19
		07MOD-0092 For 1-1/2" Thickness, Deduct	-0.42	
		07MOD-0093 For 2-1/2" Thickness, Add	0.42	
		07MOD-0094 For 3" Thickness, Add	0.84	
07713-0007		Composite Insulation Concrete Protection Board (07713)		
		Note: Manufactured by T. Clear Corp. 25 year warranty.		
07713-0008	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	3.04	
		07MOD-0095 For 20 Year Warranty, Deduct	-0.17	
		07MOD-0096 For 15 Year Warranty, Deduct	-0.33	
		07MOD-0097 For 10 Year Warranty, Deduct	-0.45	
		07MOD-0098 For Winds > 90 MPH To 120 MPH Warranty, Add	0.10	

07000 Thermal And Moisture Protection**07700 Roof Specialties And Accessories****07713 Roof Pavers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07713-0009	SF		3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	3.92	
	07MOD-0095		For 20 Year Warranty, Deduct	-0.24	
	07MOD-0096		For 15 Year Warranty, Deduct	-0.48	
	07MOD-0097		For 10 Year Warranty, Deduct	-0.65	
	07MOD-0098		For Winds > 90 MPH To 120 MPH Warranty, Add	0.10	
07713-0010	SF		2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	4.61	
	07MOD-0095		For 20 Year Warranty, Deduct	-0.28	
	07MOD-0096		For 15 Year Warranty, Deduct	-0.55	
	07MOD-0097		For 10 Year Warranty, Deduct	-0.75	
	07MOD-0098		For Winds > 90 MPH To 120 MPH Warranty, Add	0.10	
07713-0011	SF		3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	5.53	
	07MOD-0095		For 20 Year Warranty, Deduct	-0.35	
	07MOD-0096		For 15 Year Warranty, Deduct	-0.69	
	07MOD-0097		For 10 Year Warranty, Deduct	-0.94	
	07MOD-0098		For Winds > 90 MPH To 120 MPH Warranty, Add	0.10	

07714 Roof Expansion Assemblies (07700)**07714-0001****Exterior Roof And Wall (07714)**

Note: Includes necessary waterproofing mastics/caulking.

07714-0002**Exterior Roof Aluminum Expansion Assemblies (07714-0001)****07714-0003****Roof To Roof (07714-0002)**

07714-0004	LF		Exterior Roof To Roof Expansion Joint, 1" Opening Aluminum Assemblies	35.30	3.17
07714-0005	LF		Exterior Roof To Roof Expansion Joint, 2" Opening Aluminum Assemblies	41.00	3.17
07714-0006	LF		Exterior Roof To Roof Expansion Joint, 3" Opening Aluminum Assemblies	44.93	3.17

07714-0007**Roof To Wall (07714-0002)**

07714-0008	LF		Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies	28.94	3.17
07714-0009	LF		Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies	35.91	3.17

07714-0010**Flat Wall To Wall (07714-0002)**

07714-0011	LF		Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies	22.96	3.17
07714-0012	LF		Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies	27.15	3.17
07714-0013	LF		Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies	32.20	3.17

07714-0014**Corner To Flat Wall (07714-0002)**

07714-0015	LF		Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies	22.77	3.17
07714-0016	LF		Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies	25.56	3.17
07714-0017	LF		Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies	33.40	3.17

07720 Pitch Pockets (07700)

Note: Cut into deck, filled with non-shrink grout, includes blocking.

07720-0001**24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets (07720)**

07720-0002	EA		4" x 4" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	44.65	
07720-0003	EA		6" x 6" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	51.14	
07720-0004	EA		8" x 8" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	57.87	
07720-0005	EA		8" x 10" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	73.29	
07720-0006	EA		8" x 12" 24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	80.97	
07720-0007	SF		24 Gauge Galvanized Sheet Metal, Filled Pitch Pockets	93.08	

07720-0008**16 Ounce Copper Sheet Metal, Filled Pitch Pockets (07720)**

07720-0009	EA		4" x 4" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	84.56	
07720-0010	EA		6" x 6" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	103.23	
07720-0011	EA		8" x 8" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	118.36	
07720-0012	EA		8" x 10" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	138.42	
07720-0013	EA		8" x 12" 16 Ounce Copper Sheet Metal, Filled Pitch Pockets	161.74	
07720-0014	SF		16 Ounce Copper Sheet Metal, Filled Pitch Pockets	191.09	

07720-0015**24 Gauge Stainless Steel, Filled Pitch Pockets (07720)**

07720-0016	EA		4" x 4" 24 Gauge Stainless Steel, Filled Pitch Pockets	68.95	
07720-0017	EA		6" x 6" 24 Gauge Stainless Steel, Filled Pitch Pockets	81.77	
07720-0018	EA		8" x 8" 24 Gauge Stainless Steel, Filled Pitch Pockets	94.10	
07720-0019	EA		8" x 10" 24 Gauge Stainless Steel, Filled Pitch Pockets	123.67	
07720-0020	EA		8" x 12" 24 Gauge Stainless Steel, Filled Pitch Pockets	137.96	
07720-0021	SF		24 Gauge Stainless Steel, Filled Pitch Pockets	161.48	

07720-0022**Repair Existing Pitch Pockets (07720)**

07720-0023	EA		Clean, Repair And Refill Existing Pitch Pockets	48.45	
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MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07730 Roof Access (07700)

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07730-0001 Hatches And Roof Scuttles (07730)

Note: Includes access hatch, hasp and lock, steps and handrail.

07730-0002 Galvanized Steel Cover And Curb (07730-0001)

07730-0003	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	788.08	99.51
07730-0004	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,150.41	110.57
07730-0005	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	2,023.82	150.79
07730-0006	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,132.77	110.57
07730-0007	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,277.99	122.87
07730-0008	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	2,091.18	167.58

07730-0009 Aluminum Cover And Curb (07730-0001)

07730-0010	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	962.18	99.51
07730-0011	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,261.44	110.57
07730-0012	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,321.81	150.79
07730-0013	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,237.41	110.57
07730-0014	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,245.80	122.87
07730-0015	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,332.43	167.58
07730-0016	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,396.58	110.57

07730-0017 Steel, Plain, Primed (07730-0001)

07730-0018	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	756.42	99.51
07730-0019	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,018.89	110.57
07730-0020	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	1,395.70	150.79
07730-0021	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	945.79	110.57
07730-0022	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,157.37	122.87
07730-0023	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	1,572.49	167.58

07730-0024 Stainless Steel (07730-0001)

07730-0025	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,016.06	99.51
07730-0026	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	3,882.64	110.57
07730-0027	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	5,843.42	150.79
07730-0028	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	3,111.72	110.57
07730-0029	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	6,608.47	122.87
07730-0030	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	7,393.51	167.58

07730-0031 Remove And Reinstall Roof Hatch (07730-0001)

Note: Includes storage, cleaning and supply materials.

07730-0032	EA	Remove And Reinstall Roof Hatch (All Types)	306.08	
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07730-0033 Aluminum Cover And Galvanized Steel Curb (07730-0001)

07730-0034	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	930.24	110.57
07730-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,229.50	122.87
07730-0036	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,238.76	167.51
07730-0037	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,211.86	114.03
07730-0038	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,175.53	126.32

07730-0039 Smoke And Fire Vents (07730)

07730-0040 Galvanized Steel Covers And Curb (07730-0039)

07730-0041	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	2,019.98	92.19
07730-0042	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	2,325.13	126.74
07730-0043	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	2,650.00	138.28
07730-0044	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	2,702.59	145.19
07730-0045	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	3,133.32	126.74
07730-0046	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	3,331.53	138.28
07730-0047	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	3,517.67	149.82
07730-0048	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	4,005.39	161.37
07730-0049	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	4,969.59	172.83
07730-0050	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	3,330.70	149.82
07730-0051	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	7,001.32	184.37
07730-0052	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	3,840.09	195.91

07730-0053 Aluminum Covers And Galvanized Steel Curb (07730-0039)

07730-0054	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,208.00	92.19
07730-0055	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	2,521.76	126.74
07730-0056	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	2,839.28	138.28
07730-0057	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	2,939.08	145.19
07730-0058	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	2,860.34	126.74
07730-0059	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	3,663.36	138.28

0700 Thermal And Moisture Protection**07700 Roof Specialties And Accessories****07730 Roof Access**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07730-0060	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	3,916.99	149.82
07730-0061	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	3,806.50	161.37
07730-0062	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	5,369.74	172.83
07730-0063	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	3,693.40	149.82
07730-0064	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	7,060.74	184.37
07730-0065	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	3,602.80	195.91
07730-0066 Aluminum Covers And Curb (07730-0039)				
07730-0067	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	2,412.43	92.19
07730-0068	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	2,860.34	126.74
07730-0069	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,139.53	138.28
07730-0070	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	3,322.38	145.19
07730-0071	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,013.66	126.74
07730-0072	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	3,823.07	138.28
07730-0073	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	4,057.53	149.82
07730-0074	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	4,189.80	161.37
07730-0075	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	5,095.05	172.83
07730-0076	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	3,872.27	149.82
07730-0077	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	7,718.73	184.37
07730-0078	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	3,986.10	195.91
07730-0079 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07730-0039)				
07730-0080	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	2,386.87	91.91
07730-0081	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,020.03	126.74
07730-0082	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	3,188.22	145.19
07730-0083	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	3,435.28	126.74
07730-0084	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	3,614.87	161.37
07740 Gravity Ventilators (07700)				
Note: Includes curb, base, damper, and bird screen.				
07740-0001 Stationary Siphon (07740)				
07740-0002	EA	6" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	148.33	38.14
07740-0003	EA	9" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	169.53	47.11
07740-0004	EA	12" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	200.24	56.53
07740-0005	EA	15" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	273.00	61.80
07740-0006	EA	18" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	350.01	69.71
07740-0007	EA	21" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	423.04	75.36
07740-0008	EA	24" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	503.89	84.79
07740-0009	EA	36" Diameter Gravity Ventilator Stationary, Siphon, Galvanized.....	937.23	113.05
07740-0010 Wind Driven Spinner (07740)				
07740-0011	EA	6" Diameter Spinner Ventilator Wind Driven, Galvanized, 250 CFM.....	129.97	38.14
07740-0012	EA	12" Diameter Spinner Ventilator Wind Driven, Galvanized, 770 CFM.....	176.30	56.53
07740-0013	EA	24" Diameter Spinner Ventilator Wind Driven, Galvanized, 3100 CFM.....	423.75	84.79
07740-0014	EA	36" Diameter Spinner Ventilator Wind Driven, Galvanized, 5500 CFM.....	1,131.18	113.05
07740-0015 Stationary Mushroom (07740)				
07740-0016	EA	16" Diameter Stationary Mushroom, Aluminum	361.23	61.04
07740-0017	EA	24" Diameter Stationary Mushroom, Aluminum	580.23	67.83
07740-0018	EA	30" Diameter Stationary Mushroom, Aluminum	841.65	71.83
07740-0019	EA	36" Diameter Stationary Mushroom, Aluminum	1,160.29	76.27
07740-0020	EA	42" Diameter Stationary Mushroom, Aluminum	1,557.68	81.40
07740-0021	EA	48" Diameter Stationary Mushroom, Aluminum	1,808.89	87.20
07750 Rooftop Oil And Grease Containment System (07700)				
07750-0001 Grease Guards (07750)				
07750-0002	EA	60" L x 60" W x 3.5" H Grease Guard Roof System.....	1,793.97	136.59
07750-0003	EA	72" L x 72" W x 3.5" H Grease Guard Roof System.....	1,975.91	142.05
07750-0004	EA	72" L x 108" W x 3.5" H Grease Guard Roof System.....	2,214.31	153.67
07750-0005	EA	90" L x 90" W x 3.5" H Grease Guard Roof System.....	2,267.68	182.07
07750-0006	EA	120" L x 120" W x 3.5" H Grease Guard Roof System.....	3,708.49	227.63
07750-0007 Replacement Center Filters For Grease Guards (07750)				
07750-0008	EA	60"L x 60"W Replacement Center Filter For Grease Guard	328.22	11.38
07750-0009	EA	72"L x 72"W Replacement Center Filter For Grease Guard	371.95	13.65
07750-0010	EA	72"L x 108"W Replacement Center Filter For Grease Guard	464.92	15.70



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07750-0011	EA	90"L x 90"W Replacement Center Filter For Grease Guard	476.78	22.74
07750-0012	EA	120"L x 120"W Replacement Center Filter For Grease Guard	859.28	28.45
07750-0013 Replacement Top Pre-Filters For Grease Guards (07750)				
07750-0014	EA	60"W x 60"W Replacement Top Pre-Filters For Grease Guard	155.96	11.38
07750-0015	EA	72"W x 72"W Replacement Top Pre-Filters For Grease Guard	224.30	13.65
07750-0016	EA	72"W x 108"W Replacement Top Pre-Filters For Grease Guard	259.44	15.94
07750-0017	EA	90"W x 90"W Replacement Top Pre-Filters For Grease Guard	282.26	18.22
07750-0018	EA	120"W x 120"W Replacement Top Pre-Filters For Grease Guard	357.43	22.77
07760 Roof Protection Board (07760)				
07760-0001 Roof Protection Board (DensDeck®) (07760)				
07760-0002	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	1.81	0.34
		<i>07MOD-0131 For Hot-Mopped, Deduct</i>	-0.07	
		<i>07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.11	
		<i>07MOD-0138 For Mechanically Fastened To Concrete, Add</i>	0.34	
		<i>07MOD-0144 For Mechanically Fastened To Gypsum, Add</i>	0.48	
07760-0003	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	2.08	0.37
		<i>07MOD-0131 For Hot-Mopped, Deduct</i>	-0.06	
		<i>07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.11	
		<i>07MOD-0138 For Mechanically Fastened To Concrete, Add</i>	0.39	
		<i>07MOD-0144 For Mechanically Fastened To Gypsum, Add</i>	0.53	
07760-0004	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	2.21	0.41
		<i>07MOD-0131 For Hot-Mopped, Deduct</i>	-0.05	
		<i>07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.11	
		<i>07MOD-0138 For Mechanically Fastened To Concrete, Add</i>	0.43	
		<i>07MOD-0144 For Mechanically Fastened To Gypsum, Add</i>	0.57	
07760-0005	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	1.84	0.34
		<i>07MOD-0131 For Hot-Mopped, Deduct</i>	-0.07	
		<i>07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.11	
		<i>07MOD-0138 For Mechanically Fastened To Concrete, Add</i>	0.34	
		<i>07MOD-0144 For Mechanically Fastened To Gypsum, Add</i>	0.48	
07760-0006	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	2.12	0.37
		<i>07MOD-0131 For Hot-Mopped, Deduct</i>	-0.06	
		<i>07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.11	
		<i>07MOD-0138 For Mechanically Fastened To Concrete, Add</i>	0.39	
		<i>07MOD-0144 For Mechanically Fastened To Gypsum, Add</i>	0.53	
07760-0007	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	2.25	0.41
		<i>07MOD-0131 For Hot-Mopped, Deduct</i>	-0.05	
		<i>07MOD-0132 For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.11	
		<i>07MOD-0138 For Mechanically Fastened To Concrete, Add</i>	0.43	
		<i>07MOD-0144 For Mechanically Fastened To Gypsum, Add</i>	0.57	
07800 Fire And Smoke Protection (07800)				
07810 Applied Fireproofing (07810)				
Note: Includes bonding agents as required.				
07810-0001 Intumescent Mastic Fireproofing (07810)				
Note: Type 1 structural steel has up to 2 SF per LF, type 2 structural steel has >2 to 5 SF per LF and type 3 structural steel has > 5 SF per LF.				
07810-0002 Fireproofing Using Spray On Albi-Clad, Intumescent Mastic, 1Hour (07810-0001)				
07810-0003	CSF	Fireproofing, Intumescent, 1 Hour, Type 1 Structural Steel	1,157.87	230.17
07810-0004	CSF	Fireproofing, Intumescent, 1 Hour, Type 2 Structural Steel	1,176.36	243.98
07810-0005	CSF	Fireproofing, Intumescent, 1 Hour, Type 3 Structural Steel	1,207.00	266.99
07810-0006 Fireproofing Using Spray On Albi-Clad, Intumescent Mastic, 2Hour (07810-0001)				
07810-0007	CSF	Fireproofing, Intumescent, 2 Hour, Type 1 Structural Steel	2,315.73	460.33
07810-0008	CSF	Fireproofing, Intumescent, 2 Hour, Type 2 Structural Steel	2,352.69	487.96
07810-0009	CSF	Fireproofing, Intumescent, 2 Hour, Type 3 Structural Steel	2,413.67	533.99
07810-0010 Color Top Coat (07810-0001)				
07810-0011	CSF	Fireproofing, Color Top Coat	48.63	
07810-0012 Cementitious Fireproofing (07810)				
07810-0013 Spray On Ceiling (Metal Decking Corrugated Or Fluted) (07810-0012)				
07810-0014	SF	Spray Fireproofing For Ceiling, 1 Hour Rated 1/2" Thick Coverage	0.96	0.50
07810-0015	SF	Spray Fireproofing For Ceiling, 2 Hour Rated 7/8" Thick Coverage	1.35	0.60

07000 Thermal And Moisture Protection**07800 Fire And Smoke Protection****07810 Applied Fireproofing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07810-0016 Spray On Roofs And Beams (07810-0012)		
07810-0017 SF Spray Fireproofing For Beams And Roofs, 1 Hour Rated 1-3/8" Thick Coverage.....	2.03	0.74
07810-0018 SF Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-1/2" Thick Coverage.....	2.20	0.80
07810-0019 SF Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-5/8" Thick Coverage.....	2.31	0.84
07810-0020 Spray On Beams (Min. W8x24) (07810-0012)		
07810-0021 SF Spray Fireproofing For Beams, 1 Hour Rated 7/16" Thick Coverage, (Min W8x24).....	0.82	0.40
07810-0022 SF Spray Fireproofing For Beams, 2 Hour Rated 1/2" Thick Coverage, (Min W8x24).....	1.01	0.50
07810-0023 SF Spray Fireproofing For Beams, 3 Hour Rated 7/8" Thick Coverage, (Min W8x24).....	1.46	0.60
07810-0024 SF Spray Fireproofing For Beams, 4 Hour Rated 1-1/4" Thick Coverage, (Min W8x24).....	1.94	0.70
07810-0025 Spray On Columns (W10x49) (07810-0012)		
07810-0026 SF Spray Fireproofing For Columns, 1 Hour Rated 1-3/16" Thick Coverage, (W10x49).....	1.92	0.67
07810-0027 SF Spray Fireproofing For Columns, 2 Hour Rated 1-1/4" Thick Coverage, (W10x49).....	2.08	0.70
07810-0028 SF Spray Fireproofing For Columns, 3 Hour Rated 1-7/8" Thick Coverage, (W10x49).....	2.73	0.84
07810-0029 SF Spray Fireproofing For Columns, 4 Hour Rated 2-1/2" Thick Coverage, (W10x49).....	3.56	1.00
07810-0030 Spray On Columns (W14x228) (07810-0012)		
07810-0031 SF Spray Fireproofing For Columns, 2 Hr Rated 5/8" Thick Coverage, (W14x228).....	1.22	0.50
07810-0032 SF Spray Fireproofing For Columns, 3 Hr Rated 7/8" Thick Coverage, (W14x228).....	1.56	0.60
07810-0033 SF Spray Fireproofing For Columns, 4 Hr Rated 1-1/4" Thick Coverage, (W14x228).....	2.08	0.74
07810-0034 Monokote Fireproofing (07810)		
07810-0035 CSF Fireproofing, Monokote, On Structural Steel.....	220.18	68.74
Note: Per inch of thickness		
07810-0036 CSF Fireproofing, Monokote, On Decking.....	166.17	46.03
Note: Per inch of thickness		
07810-0037 Gunite Fireproofing (07810)		
07810-0038 SF Fireproofing, Gunite, Non-Reinforced, 1" Thick.....	2.21	0.43
07810-0039 SF Fireproofing, Gunite, Reinforced, 1" Thick.....	3.19	0.43
07810-0040 Cellulose Fireproofing (07810)		
07810-0041 SF 1" Cellulose Fireproofing.....	1.45	0.43
07820 Board Fireproofing (07800)		
07820-0001 Fireproofing Materials (07820)		
Note: Type A: 1 hour rating. See CSI section 09205-0088 for plaster casing and corner beads, 09270-0001 for drywall casing and corner beads.		
07820-0002 Lath And Plaster Fireproofing On Columns (07820-0001)		
07820-0003 Fireproofing Using Lath And Plaster, < 4,500 SF (07820-0002)		
07820-0004 CSF Fireproofing, Cement Plaster, 1 Hour, Mk A <4500 SF.....	978.14	644.47
07820-0005 CSF Fireproofing, Cement Plaster, 2 Hour, Mk B <4500 SF.....	1,772.43	1,150.84
07820-0006 CSF Fireproofing, Vermiculite Concrete, 4 Hour, Mk C < 4500 SF.....	1,580.51	1,012.74
07820-0007 CSF Fireproofing, Gypsum Plaster, 4 Hour, Mk D < 4500 SF.....	965.54	598.44
07820-0008 CSF Fireproofing, Gypsum Plaster, 2 Hour, Mk E < 4500 SF.....	762.00	506.37
07820-0009 CSF Fireproofing, Gypsum Board, 2 Hour, Mk F < 4500 SF.....	1,141.32	782.57
07820-0010 CSF Fireproofing, Gypsum Board, 2 Hour, Mk G < 4500 SF.....	640.60	414.30
07820-0011 Fireproofing Using Lath And Plaster, > 4,500 SF (07820-0002)		
07820-0012 CSF Fireproofing, Cement Plaster, 1 Hour, Mk A >4500 SF.....	968.04	644.47
07820-0013 CSF Fireproofing, Cement Plaster, 2 Hour, Mk B >4500 SF.....	1,752.22	1,150.84
07820-0014 CSF Fireproofing, Vermiculite Concrete, 4 Hour, Mk C > 4500 SF.....	1,546.75	1,012.74
07820-0015 CSF Fireproofing, Gypsum Plaster, 4 Hour, Mk D > 4500 SF.....	953.14	598.44
07820-0016 CSF Fireproofing, Gypsum Plaster, 2 Hour, Mk E > 4500 SF.....	755.60	506.37
07820-0017 CSF Fireproofing, Gypsum Board, 2 Hour, Mk F > 4500 SF.....	1,159.34	782.57
07820-0018 CSF Fireproofing, Gypsum Board, 2 Hour, Mk G > 4500 SF.....	656.91	414.30
07840 Firestopping (07800)		
07840-0001 Intumescent Firestopping For Sealing Pipe Penetrations (07840)		
Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07840-0002 EA 1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	13.01	
07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add	0.06	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07840-0003	EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	16.22 0.31	
07840-0004	EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	16.02 0.23	
07840-0005	EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	15.70 0.10	
07840-0006	EA 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	19.03 0.66	
07840-0007	EA 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	18.83 0.58	
07840-0008	EA 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	18.51 0.45	
07840-0009	EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	18.01 0.25	
07840-0010	EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	17.58 0.08	
07840-0011	EA 2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	23.35 1.10	
07840-0012	EA 2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	23.16 1.02	
07840-0013	EA 2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	22.84 0.90	
07840-0014	EA 2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	22.33 0.69	
07840-0015	EA 2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	21.91 0.52	
07840-0016	EA 2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	20.90 0.12	
07840-0017	EA 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	33.01 2.90	
07840-0018	EA 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	29.68 1.57	
07840-0019	EA 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	29.36 1.44	
07840-0020	EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	28.85 1.24	
07840-0021	EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	28.43 1.07	
07840-0022	EA 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	27.42 0.67	
07840-0023	EA 3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	26.11 0.14	
07840-0024	EA 4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	45.58 5.36	
07840-0025	EA 4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	45.23 5.22	
07840-0026	EA 4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	44.67 4.99	
07840-0027	EA 4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	43.79 4.64	
07840-0028	EA 4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	43.04 4.34	
07840-0029	EA 4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	37.34 2.06	
07840-0030	EA 4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	36.04 1.54	
07840-0031	EA 4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	34.05 0.74	
07840-0032	EA 6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	75.95 12.36	
07840-0033	EA 6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	75.61 12.22	
07840-0034	EA 6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	75.04 11.99	
07840-0035	EA 6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	74.16 11.64	
07840-0036	EA 6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	73.41 11.34	
07840-0037	EA 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	71.64 10.63	
07840-0038	EA 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	69.34 9.71	
07840-0039	EA 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	65.85 8.32	
07840-0040	EA 6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	52.90 3.14	
07840-0041	EA 8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	103.51 19.52	
07840-0042	EA 8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	100.01 18.12	
07840-0043	EA 8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	93.01 15.32	
07840-0044	EA 8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant <i>07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add</i>	64.69 3.99	

07000 Thermal And Moisture Protection**07800 Fire And Smoke Protection****07840 Firestopping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07840-0045 EA 10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant.....	134.18	
07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add	27.92	
07840-0046 EA 10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant.....	113.42	
07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add	19.62	
07840-0047 EA 10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant.....	77.06	
07MOD-0099 For Intumescent Sealant For Plastic Pipe, Add	5.08	
07840-0048 Firestopping Systems For Cable Penetrations (07840)		
07840-0049 Intumescent Firestop Cable Sleeve For New Installations (07840-0048)		
Note: Includes putty, escutcheon plates, gaskets and bushings.		
07840-0050 EA 1" Diameter Intumescent Firestop Sleeve (STI FS100)	49.79	
07840-0051 EA 2" Diameter Intumescent Firestop Sleeve (STI FS201)	66.12	
07840-0052 EA 4" Diameter Intumescent Firestop Sleeve (STI FS401)	113.20	
07840-0053 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07840-0048)		
Note: Includes putty and mounting plates.		
07840-0054 EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	106.87	
07840-0055 EA 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	209.29	
07840-0056 EA 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	342.52	
07840-0057 3M Intumescent Firestopping Multi-Trade Pass Through Device (07840)		
07840-0058 EA 2.5" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	195.08	
07840-0059 EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD).....	220.98	
07840-0060 EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	219.74	
07840-0061 Intumescent Firestopping Pipe Collar (07840)		
07840-0062 EA 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	30.25	6.74
07840-0063 EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	31.69	6.74
07840-0064 EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	38.65	7.42
07840-0065 EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	51.95	8.43
07840-0066 EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	299.06	10.11
07840-0067 EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	385.29	11.12
07840-0068 Intumescent Firestopping Sealant For Joints (07840)		
07840-0069 CLF 1/4" x 1/4" Joint, Intumescent Firestop Sealant.....	278.21	102.99
07840-0070 CLF 1/4" x 3/8" Joint, Intumescent Firestop Sealant.....	327.17	109.43
07840-0071 CLF 1/4" x 1/2" Joint, Intumescent Firestop Sealant.....	363.28	109.43
07840-0072 CLF 3/8" x 3/8" Joint, Intumescent Firestop Sealant.....	381.34	109.43
07840-0073 CLF 3/8" x 1/2" Joint, Intumescent Firestop Sealant.....	435.51	109.43
07840-0074 CLF 3/8" x 5/8" Joint, Intumescent Firestop Sealant.....	502.60	115.88
07840-0075 CLF 3/8" x 3/4" Joint, Intumescent Firestop Sealant.....	569.59	122.30
07840-0076 CLF 1/2" x 1/2" Joint, Intumescent Firestop Sealant.....	520.66	115.88
07840-0077 CLF 1/2" x 5/8" Joint, Intumescent Firestop Sealant.....	618.62	128.74
07840-0078 CLF 1/2" x 3/4" Joint, Intumescent Firestop Sealant.....	703.74	135.19
07840-0079 CLF 1/2" x 7/8" Joint, Intumescent Firestop Sealant.....	788.81	141.61
07840-0080 CLF 1/2" x 1" Joint, Intumescent Firestop Sealant.....	964.10	193.10
07840-0081 CLF 3/4" x 3/4" Joint, Intumescent Firestop Sealant.....	1,062.04	206.00
07840-0082 CLF 1" x 1" Joint, Intumescent Firestop Sealant	1,580.46	212.42
07840-0083 Intumescent Firestopping For Electrical Outlet Boxes (07840)		
07840-0084 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07840-0083)		
07840-0085 EA 1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	23.07	
07840-0086 EA 2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	34.56	
07840-0087 EA 3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	35.85	
07840-0088 EA 4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	37.14	
07840-0089 EA 5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	38.42	
07840-0090 EA 6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	49.91	
07840-0091 Intumescent Firestop Gasket For Wall Plates (07840-0083)		
07840-0092 EA Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276).....	8.90	
07840-0093 EA Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	9.41	
07840-0094 EA Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	8.90	
07840-0095 EA Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	9.41	
07840-0096 EA Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	9.41	
07840-0097 EA Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	8.90	
07840-0098 Intumescent Fire Barrier Pillows For Sealing Large Openings (07840)		
07840-0099 EA 2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	27.83	
07840-0100 EA 2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	29.92	
07840-0101 EA 3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	32.50	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07840-0102	Intumescent Fire Barrier Sheets For Sealing Large Openings (07840)			
	Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.			
07840-0103	EA 16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)		282.94	
07840-0104	EA 36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)		400.39	
07840-0105	EA 36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)		590.60	
07840-0106	Silicone RTV Foam Seal For Blank Openings (07840)			
07840-0107	EA 2" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam		28.49	
07840-0108	EA 4" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam		73.02	
07840-0109	EA 6" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam		135.03	
07840-0110	EA 8" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam		213.07	
07840-0111	EA 10" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam		310.37	
07840-0112	EA 12" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam		423.79	
07840-0113	Thermal Barrier Wrap (07840)			
	Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
07840-0114	SF 1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)		8.40	
	07MOD-0100 For Work In Restricted Working Space, Add		0.77	
07840-0115	SF 1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)		12.03	
	Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
	07MOD-0100 For Work In Restricted Working Space, Add		0.77	
07840-0116	SF 2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)		13.21	
	Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
	07MOD-0100 For Work In Restricted Working Space, Add		0.77	
07840-0117	Firemaster Blanket Wrap Fireproofing (07840)			
07840-0118	SF 1/2" Thermal Ceramics FireMaster Blanket Wrap		12.37	6.87
	07MOD-0100 For Work In Restricted Working Space, Add		2.76	
	07MOD-0105 For > 500 To 5,000, Deduct		-1.19	
	07MOD-0106 For > 5,000, Deduct		-2.09	
07840-0119	SF 1" Thermal Ceramics FireMaster Blanket Wrap		14.99	6.87
	07MOD-0100 For Work In Restricted Working Space, Add		2.76	
	07MOD-0105 For > 500 To 5,000, Deduct		-1.79	
	07MOD-0106 For > 5,000, Deduct		-3.06	
07840-0120	SF 1-1/2" Thermal Ceramics FireMaster Blanket Wrap		17.87	6.87
	07MOD-0100 For Work In Restricted Working Space, Add		2.76	
	07MOD-0105 For > 500 To 5,000, Deduct		-2.45	
	07MOD-0106 For > 5,000, Deduct		-4.13	
07840-0121	SF 2" Thermal Ceramics FireMaster Blanket Wrap		20.75	6.87
	07MOD-0100 For Work In Restricted Working Space, Add		2.76	
	07MOD-0105 For > 500 To 5,000, Deduct		-3.12	
	07MOD-0106 For > 5,000, Deduct		-5.19	
07900	Sealants (07900)			
07910	Joint Fillers And Gaskets (07900)			
07910-0001	Butyl Rubber Fillers (07910)			
07910-0002	LF 1/4" x 1/4" Butyl Rubber Filler		1.38	0.41
	07MOD-0101 For Coloring, Add		0.00	
07910-0003	LF 1/2" x 1/2" Butyl Rubber Filler		3.95	1.17
	07MOD-0101 For Coloring, Add		0.02	
07910-0004	LF 1/2" x 3/4" Butyl Rubber Filler		4.51	1.23
	07MOD-0101 For Coloring, Add		0.03	
07910-0005	LF 3/4" x 3/4" Butyl Rubber Filler		4.60	1.30
07910-0006	LF 1" x 1" Butyl Rubber Filler		4.20	1.44
07910-0007	Closed Cell Neoprene (07910)			
07910-0008	CLF 1/8" x 3" Neoprene Gasket Closed Cell, Adhesive		276.63	78.81
07910-0009	CLF 1/8" x 6" Neoprene Gasket Closed Cell, Adhesive		463.17	113.85
07910-0010	CLF 1/4" x 3" Neoprene Gasket Closed Cell, Adhesive		360.27	97.59
07910-0011	CLF 1/4" x 6" Neoprene Gasket Closed Cell, Adhesive		429.88	102.44
07910-0012	CLF 1/2" x 6" Neoprene Gasket Closed Cell, Adhesive		654.78	157.62
07910-0013	CLF 1/2" x 9" Neoprene Gasket Closed Cell, Adhesive		763.01	170.74
07910-0014	CLF 1/2" x 12" Neoprene Gasket Closed Cell, Adhesive		736.26	124.16
07910-0015	Closed Cell Polyvinyl Chloride (07910)			
07910-0016	CLF 1/8" x 3" Polyethylene Joint Backing, Closed Cell		280.34	97.59
07910-0017	CLF 1/8" x 6" Polyethylene Joint Backing, Closed Cell		485.42	157.62
07910-0018	CLF 1/4" x 3" Polyethylene Joint Backing, Closed Cell		369.74	134.54
07910-0019	CLF 1/4" x 6" Polyethylene Joint Backing, Closed Cell		453.37	142.05
07910-0020	CLF 1/2" x 6" Polyethylene Joint Backing, Closed Cell		689.61	217.86
07910-0021	CLF 1/2" x 9" Polyethylene Joint Backing, Closed Cell		814.52	236.44

07000 Thermal And Moisture Protection**07900 Sealants****07910 Joint Fillers And Gaskets**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07910-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell.....	1,090.30	283.42
07910-0023		Silicon RTV Foam Penetration Seal (07910)		
07910-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal.....	114.15	15.64
07910-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal.....	228.28	31.21
07910-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal.....	340.68	46.37
07910-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal.....	487.64	62.49
07910-0028	CLF	1/8" x 1" Silicon RTV Foam Seal.....	114.15	15.64
07910-0029	CLF	1/8" x 3" Silicon RTV Foam Seal.....	340.41	46.24
07910-0030	CLF	1/4" x 3" Silicon RTV Foam Seal.....	603.91	69.46
07910-0031	CLF	1/4" x 6" Silicon RTV Foam Seal.....	1,206.63	138.43
07910-0032	CLF	1/2" x 6" Silicon RTV Foam Seal.....	2,319.17	249.89
07910-0033	CLF	1/2" x 9" Silicon RTV Foam Seal.....	3,528.97	390.36
07910-0034	CLF	1/2" x 12" Silicon RTV Foam Seal.....	5,062.79	624.62
07910-0035		Seals O-Ring (07910)		
07910-0036		Seals O-Ring Type Cord "J-Seal" (07910-0035)		
07910-0037	LF	1/4" Seals O-Ring Cord, J-Seal.....	2.92	0.88
07910-0038	LF	1/2" Seals O-Ring Cord, J-Seal.....	3.10	0.88
07910-0039	LF	3/4" Seals O-Ring Cord, J-Seal.....	3.27	0.95
07910-0040	LF	1" Seals O-Ring Cord, J-Seal.....	3.48	1.02
07910-0041	LF	1-1/4" Seals O-Ring Cord, J-Seal.....	3.74	1.10
07910-0042	LF	1-1/2" Seals O-Ring Cord, J-Seal.....	3.93	1.10
07910-0043	LF	1-3/4" Seals O-Ring Cord, J-Seal.....	4.18	1.17
07910-0044	LF	2" Seals O-Ring Cord, J-Seal.....	4.34	1.17
07910-0045		Backer Rods (07910)		
07910-0046	LF	1/4" Polyethylene Or Polyurethane Backer Rod.....	1.10	0.34
07910-0047	LF	3/8" Polyethylene Or Polyurethane Backer Rod.....	1.18	0.34
07910-0048	LF	1/2" Polyethylene Or Polyurethane Backer Rod.....	1.28	0.34
07910-0049	LF	5/8" Polyethylene Or Polyurethane Backer Rod.....	1.37	0.34
07910-0050	LF	3/4" Polyethylene Or Polyurethane Backer Rod.....	1.41	0.41
07910-0051	LF	7/8" Polyethylene Or Polyurethane Backer Rod.....	1.50	0.41
07910-0052	LF	1" Polyethylene Or Polyurethane Backer Rod.....	1.67	0.41
07910-0053	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod.....	1.83	0.48
07910-0054	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod.....	2.06	0.54
07910-0055	LF	2" Polyethylene Or Polyurethane Backer Rod.....	2.44	0.61
07910-0056	LF	3" Polyethylene Or Polyurethane Backer Rod.....	3.77	0.75
07920		Sealants And Caulking (07900)		
07920-0001		Silicone Sealant And Caulking (07920)		
07920-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking.....	225.56	96.56
	07MOD-0102	For Coloring, Add	11.69	
	07MOD-0103	For 1 Part Mildew Resistant, Add	11.36	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	6.49	
07920-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking.....	254.69	102.99
	07MOD-0102	For Coloring, Add	17.53	
	07MOD-0103	For 1 Part Mildew Resistant, Add	17.04	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	9.74	
07920-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking.....	283.74	109.43
	07MOD-0102	For Coloring, Add	23.37	
	07MOD-0103	For 1 Part Mildew Resistant, Add	22.72	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	12.98	
07920-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking.....	291.86	109.43
	07MOD-0102	For Coloring, Add	26.29	
	07MOD-0103	For 1 Part Mildew Resistant, Add	25.56	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	14.61	
07920-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking.....	322.70	112.65
	07MOD-0102	For Coloring, Add	35.05	
	07MOD-0103	For 1 Part Mildew Resistant, Add	34.08	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	19.47	
07920-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking.....	353.46	115.88
	07MOD-0102	For Coloring, Add	43.82	
	07MOD-0103	For 1 Part Mildew Resistant, Add	42.60	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	24.34	
07920-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking.....	390.63	122.30
	07MOD-0102	For Coloring, Add	52.58	
	07MOD-0103	For 1 Part Mildew Resistant, Add	51.12	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	29.21	
07920-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking.....	361.58	115.88
	07MOD-0102	For Coloring, Add	46.74	
	07MOD-0103	For 1 Part Mildew Resistant, Add	45.44	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	25.97	
07920-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking.....	419.78	128.74
	07MOD-0102	For Coloring, Add	58.42	
	07MOD-0103	For 1 Part Mildew Resistant, Add	56.80	
	07MOD-0104	For High-Modulus Non-Acid Curing, Add	32.46	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07920-0011	CLF 1/2" x 3/4" Joint, Silicone Sealant And Caulking	465.12	135.19
	07MOD-0102 For Coloring, Add	70.11	
	07MOD-0103 For 1 Part Mildew Resistant, Add	68.16	
	07MOD-0104 For High-Modulus Non-Acid Curing, Add	38.95	
07920-0012	CLF 1/2" x 7/8" Joint, Silicone Sealant And Caulking	510.42	141.61
	07MOD-0102 For Coloring, Add	81.79	
	07MOD-0103 For 1 Part Mildew Resistant, Add	79.52	
	07MOD-0104 For High-Modulus Non-Acid Curing, Add	45.44	
07920-0013	CLF 1/2" x 1" Joint, Silicone Sealant And Caulking	549.31	144.83
	07MOD-0102 For Coloring, Add	93.48	
	07MOD-0103 For 1 Part Mildew Resistant, Add	90.88	
	07MOD-0104 For High-Modulus Non-Acid Curing, Add	51.93	
07920-0014	CLF 3/4" x 3/4" Joint, Silicone Sealant And Caulking	588.26	148.05
	07MOD-0102 For Coloring, Add	105.16	
	07MOD-0103 For 1 Part Mildew Resistant, Add	102.24	
	07MOD-0104 For High-Modulus Non-Acid Curing, Add	58.42	
07920-0015	CLF 1" x 1" Joint, Silicone Sealant And Caulking	841.17	160.93
	07MOD-0102 For Coloring, Add	186.95	
	07MOD-0103 For 1 Part Mildew Resistant, Add	181.76	
	07MOD-0104 For High-Modulus Non-Acid Curing, Add	103.86	
07920-0016	Acrylic/Latex Sealant And Caulking (07920)		
07920-0017	CLF 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	222.58	102.99
07920-0018	CLF 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	237.29	106.21
07920-0019	CLF 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	251.99	109.43
07920-0020	CLF 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	256.14	109.43
07920-0021	CLF 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	275.08	112.65
07920-0022	CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	293.93	115.88
07920-0023	CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	319.19	122.30
07920-0024	CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	298.08	115.88
07920-0025	CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	340.40	128.74
07920-0026	CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	369.87	135.19
07920-0027	CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	399.29	141.61
07920-0028	CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	422.30	144.83
07920-0029	CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	445.39	148.05
07920-0030	CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking	587.17	160.93
07920-0031	Flexible Polysulfide Sealant And Caulking, Clear (07920)		
	Note: 1 or 2 part, non-sag.		
07920-0032	CLF 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	233.26	102.99
07920-0033	CLF 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	253.32	107.51
07920-0034	CLF 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	273.35	109.43
07920-0035	CLF 3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	280.17	109.43
07920-0036	CLF 3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	307.12	112.65
07920-0037	CLF 3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	333.98	115.88
07920-0038	CLF 3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	367.25	122.30
07920-0039	CLF 1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	340.80	115.88
07920-0040	CLF 1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	393.81	128.74
07920-0041	CLF 1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	433.95	135.19
07920-0042	CLF 1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	474.06	141.61
07920-0043	CLF 1/2" x 1" Joint, Polysulfide Sealant And Caulking	507.75	144.83
07920-0044	CLF 3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	541.51	148.05
07920-0045	CLF 3/4" x 1" Joint, Polysulfide Sealant And Caulking	649.00	160.93
07920-0046	Polyurethane Sealant And Caulking (07920)		
	Note: 1 or 2 part, non-sag.		
07920-0047	CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	230.89	102.99
07920-0048	CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	249.76	106.86
07920-0049	CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	268.62	109.43
07920-0050	CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	274.84	109.43
07920-0051	CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	300.01	112.65
07920-0052	CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	325.10	115.88
07920-0053	CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	356.59	122.30
07920-0054	CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	331.32	115.88
07920-0055	CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	381.96	128.74
07920-0056	CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	419.74	135.19
07920-0057	CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	457.47	141.61
07920-0058	CLF 1/2" x 1" Joint, Polyurethane Sealant And Caulking	488.80	144.83
07920-0059	CLF 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	520.19	148.05
07920-0060	CLF 3/4" x 1" Joint, Polyurethane Sealant And Caulking	620.58	160.93
07920-0061	Masonry/Tile Floor Sealants (07920)		
07920-0062	SF Masonry/Tile/Stone/Terrazzo Floor Sealant, Per Coat	0.82	
	Note: For unglazed tile or unpolished stone, matte finish.		
07920-0063	SF Masonry/Tile/Stone/Terrazzo Floor Sealant (Fluorochemical Acrylate Copolymer)	0.93	
07920-0064	GAL Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	28.21	

07000 Thermal And Moisture Protection**07900 Sealants****07920 Sealants And Caulking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07920-0065	Flexible Polyurethane Security Sealant And Caulking ⁽⁰⁷⁹²⁰⁾		
	Note: 1 or 2 part, non-sag.		
07920-0066	CLF 1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	239.04	102.99
07920-0067	CLF 1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	261.98	106.86
07920-0068	CLF 1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	284.91	109.43
07920-0069	CLF 3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	293.17	109.43
07920-0070	CLF 3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	324.45	112.65
07920-0071	CLF 3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	355.65	115.88
07920-0072	CLF 3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	393.25	122.30
07920-0073	CLF 1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	363.91	115.88
07920-0074	CLF 1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	422.68	128.74
07920-0075	CLF 1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	468.61	135.19
07920-0076	CLF 1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	514.49	141.61
07920-0077	CLF 1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	553.96	144.83
07920-0078	CLF 3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	593.50	148.05
07920-0079	CLF 3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	718.33	160.93

END OF SECTION 07



Thermal And Moisture Protection 07000		07
	Sealants 07900	
	Sealants And Caulking 07920	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07

07000 Thermal And Moisture Protection

07900 Sealants

07920 Sealants And Caulking



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08000 Doors And Windows

08100 Metal Doors And Frames (08000)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers. All doors include machining for builders hardware. See CSI section 08710-0000 for finish hardware.

08110 Steel Doors And Frames (08100)

See CSI section 08110-0278 for metal door and frames accessories.

08110-0001 Metal Frames (08110)

Note: Includes shop prime coat. See CSI section 04110-0001 for grouting frames.

08110-0002 Metal Frames 4-3/4" Depth x 16 Gauge, Knock-Down (08110-0001)

08110-0003 6'-8" Through 7'-2" High (08110-0002)

08110-0004	EA 2' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	181.73	48.30
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	12.77	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	10.21	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	158.05	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	183.58	
	08MOD-0006 For Baked Enamel Finish, Add	40.03	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-8.51	
	08MOD-0011 For 14 Gauge Frame, Add	21.28	
	08MOD-0012 For 12 Gauge Frame, Add	32.35	
08110-0005	EA 2'-4" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	207.60	53.13
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	15.20	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	12.16	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	187.71	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	218.11	
	08MOD-0006 For Baked Enamel Finish, Add	46.34	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-10.13	
	08MOD-0011 For 14 Gauge Frame, Add	25.33	
	08MOD-0012 For 12 Gauge Frame, Add	38.51	
08110-0006	EA 2'-6" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	215.65	56.36
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	15.44	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	12.35	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	190.95	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	221.83	
	08MOD-0006 For Baked Enamel Finish, Add	47.79	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-10.30	
	08MOD-0011 For 14 Gauge Frame, Add	25.74	
	08MOD-0012 For 12 Gauge Frame, Add	39.12	
08110-0007	EA 2'-8" x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	225.32	61.19
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	15.44	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	12.35	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	191.43	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	222.31	
	08MOD-0006 For Baked Enamel Finish, Add	49.24	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-10.30	
	08MOD-0011 For 14 Gauge Frame, Add	25.74	
	08MOD-0012 For 12 Gauge Frame, Add	39.12	
08110-0008	EA 3' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	234.99	64.40
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	15.93	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	12.74	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	197.58	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	229.44	
	08MOD-0006 For Baked Enamel Finish, Add	51.18	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-10.62	
	08MOD-0011 For 14 Gauge Frame, Add	26.55	
	08MOD-0012 For 12 Gauge Frame, Add	40.35	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0009	EA	3'-4"	x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	248.74	67.62
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	17.02	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	13.62	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	211.04	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	245.09	
	08MOD-0006		For Baked Enamel Finish, Add	54.33	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-11.35	
	08MOD-0011		For 14 Gauge Frame, Add	28.37	
	08MOD-0012		For 12 Gauge Frame, Add	43.13	
08110-0010	EA	3'-6"	x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	255.18	70.85
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	17.02	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	13.62	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	211.37	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	245.41	
	08MOD-0006		For Baked Enamel Finish, Add	55.30	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-11.35	
	08MOD-0011		For 14 Gauge Frame, Add	28.37	
	08MOD-0012		For 12 Gauge Frame, Add	43.13	
08110-0011	EA	4' x 6'-8"	Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	265.66	74.06
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	17.63	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	14.10	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	218.98	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	254.24	
	08MOD-0006		For Baked Enamel Finish, Add	57.48	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-11.75	
	08MOD-0011		For 14 Gauge Frame, Add	29.39	
	08MOD-0012		For 12 Gauge Frame, Add	44.67	
08110-0012	EA	5' x 6'-8"	Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	276.17	77.29
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	18.24	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	14.59	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	226.61	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	263.09	
	08MOD-0006		For Baked Enamel Finish, Add	59.67	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-12.16	
	08MOD-0011		For 14 Gauge Frame, Add	30.40	
	08MOD-0012		For 12 Gauge Frame, Add	46.21	
08110-0013	EA	5'-4"	x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	282.61	80.51
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	18.24	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	14.59	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	226.93	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	263.41	
	08MOD-0006		For Baked Enamel Finish, Add	60.63	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-12.16	
	08MOD-0011		For 14 Gauge Frame, Add	30.40	
	08MOD-0012		For 12 Gauge Frame, Add	46.21	
08110-0014	EA	6' x 6'-8"	Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	293.10	83.72
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	18.85	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	15.08	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	234.54	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	272.24	
	08MOD-0006		For Baked Enamel Finish, Add	62.81	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-12.57	
	08MOD-0011		For 14 Gauge Frame, Add	31.41	
	08MOD-0012		For 12 Gauge Frame, Add	47.75	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0015 EA 7' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	304.43	85.34
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	20.06	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	16.05	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	249.30	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	289.43	
08MOD-0006 For Baked Enamel Finish, Add	65.73	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-13.38	
08MOD-0011 For 14 Gauge Frame, Add	33.44	
08MOD-0012 For 12 Gauge Frame, Add	50.83	
08110-0016 EA 8' x 6'-8" Through 7'-2" x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	315.75	86.95
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	21.28	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	17.02	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	264.04	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	306.60	
08MOD-0006 For Baked Enamel Finish, Add	68.64	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-14.19	
08MOD-0011 For 14 Gauge Frame, Add	35.47	
08MOD-0012 For 12 Gauge Frame, Add	53.91	
08110-0017 >7'-2" Through 9'-0" High <small>(08110-0002)</small>		
08110-0018 EA 2' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	191.19	48.30
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	14.19	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	11.35	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	175.07	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	203.45	
08MOD-0006 For Baked Enamel Finish, Add	42.87	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-9.46	
08MOD-0011 For 14 Gauge Frame, Add	23.65	
08MOD-0012 For 12 Gauge Frame, Add	35.94	
08110-0019 EA 2'-4" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	218.86	53.13
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	16.89	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	13.51	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	207.98	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	241.75	
08MOD-0006 For Baked Enamel Finish, Add	49.72	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-11.26	
08MOD-0011 For 14 Gauge Frame, Add	28.15	
08MOD-0012 For 12 Gauge Frame, Add	42.78	
08110-0020 EA 2'-6" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	227.09	56.36
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	17.16	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	13.73	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	211.54	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	245.85	
08MOD-0006 For Baked Enamel Finish, Add	51.22	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-11.44	
08MOD-0011 For 14 Gauge Frame, Add	28.60	
08MOD-0012 For 12 Gauge Frame, Add	43.47	
08110-0021 EA 2'-8" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	236.76	61.19
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	17.16	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	13.73	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	212.02	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	246.34	
08MOD-0006 For Baked Enamel Finish, Add	52.67	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-11.44	
08MOD-0011 For 14 Gauge Frame, Add	28.60	
08MOD-0012 For 12 Gauge Frame, Add	43.47	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0022 EA 3' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	246.79	64.40
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	17.70	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	14.16	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	218.82	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	254.22	
08MOD-0006 For Baked Enamel Finish, Add	54.72	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-11.80	
08MOD-0011 For 14 Gauge Frame, Add	29.50	
08MOD-0012 For 12 Gauge Frame, Add	44.84	
08110-0023 EA 3'-4" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	261.35	67.62
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	18.92	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	15.13	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	233.74	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	271.57	
08MOD-0006 For Baked Enamel Finish, Add	58.12	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-12.61	
08MOD-0011 For 14 Gauge Frame, Add	31.53	
08MOD-0012 For 12 Gauge Frame, Add	47.92	
08110-0024 EA 3'-6" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	267.79	70.85
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	18.92	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	15.13	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	234.06	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	271.89	
08MOD-0006 For Baked Enamel Finish, Add	59.08	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-12.61	
08MOD-0011 For 14 Gauge Frame, Add	31.53	
08MOD-0012 For 12 Gauge Frame, Add	47.92	
08110-0025 EA 4' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	278.72	74.06
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	19.59	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	15.67	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	242.49	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	281.67	
08MOD-0006 For Baked Enamel Finish, Add	61.40	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-13.06	
08MOD-0011 For 14 Gauge Frame, Add	32.65	
08MOD-0012 For 12 Gauge Frame, Add	49.63	
08110-0026 EA 5' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	289.68	77.29
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	20.27	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	16.21	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	250.93	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	291.46	
08MOD-0006 For Baked Enamel Finish, Add	63.72	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-13.51	
08MOD-0011 For 14 Gauge Frame, Add	33.78	
08MOD-0012 For 12 Gauge Frame, Add	51.34	
08110-0027 EA 5'-4" x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	296.12	80.51
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	20.27	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	16.21	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	251.25	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	291.78	
08MOD-0006 For Baked Enamel Finish, Add	64.68	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-13.51	
08MOD-0011 For 14 Gauge Frame, Add	33.78	
08MOD-0012 For 12 Gauge Frame, Add	51.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0028 EA 6' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	307.06	83.72
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	20.94	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	16.75	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	259.67	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	301.55	
08MOD-0006 For Baked Enamel Finish, Add	67.00	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-13.96	
08MOD-0011 For 14 Gauge Frame, Add	34.90	
08MOD-0012 For 12 Gauge Frame, Add	53.05	
08110-0029 EA 7' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	319.29	85.34
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	22.29	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	17.83	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	276.05	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	320.64	
08MOD-0006 For Baked Enamel Finish, Add	70.19	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-14.86	
08MOD-0011 For 14 Gauge Frame, Add	37.16	
08MOD-0012 For 12 Gauge Frame, Add	56.48	
08110-0030 EA 8' x >7'-2" Through 9' x 4-3/4" Deep Metal Door Frame, 16 Gauge.....	331.52	86.95
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	23.64	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	18.92	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	292.43	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	339.72	
08MOD-0006 For Baked Enamel Finish, Add	73.37	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-15.76	
08MOD-0011 For 14 Gauge Frame, Add	39.41	
08MOD-0012 For 12 Gauge Frame, Add	59.90	
08110-0031 Metal Frames 5-3/4" Depth x 16 Gauge, Knock-Down (08110-0001)		
08110-0032 6'-8" Through 7'-2" High (08110-0031)		
08110-0033 EA 2' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	191.19	48.30
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	14.19	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	11.35	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	175.07	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	203.45	
08MOD-0006 For Baked Enamel Finish, Add	42.87	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-9.46	
08MOD-0011 For 14 Gauge Frame, Add	23.65	
08MOD-0012 For 12 Gauge Frame, Add	35.94	
08110-0034 EA 2'-4" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	218.86	53.13
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	16.89	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	13.51	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	207.98	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	241.75	
08MOD-0006 For Baked Enamel Finish, Add	49.72	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-11.26	
08MOD-0011 For 14 Gauge Frame, Add	28.15	
08MOD-0012 For 12 Gauge Frame, Add	42.78	
08110-0035 EA 2'-6" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	227.09	56.36
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	17.16	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	13.73	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	211.54	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	245.85	
08MOD-0006 For Baked Enamel Finish, Add	51.22	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-11.44	
08MOD-0011 For 14 Gauge Frame, Add	28.60	
08MOD-0012 For 12 Gauge Frame, Add	43.47	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0036	EA	2'-8"	x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	236.76	61.19
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	17.16	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	13.73	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	212.02	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	246.34	
	08MOD-0006		For Baked Enamel Finish, Add	52.67	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-11.44	
	08MOD-0011		For 14 Gauge Frame, Add	28.60	
	08MOD-0012		For 12 Gauge Frame, Add	43.47	
08110-0037	EA	3' x 6'-8"	Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	246.79	64.40
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	17.70	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	14.16	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	218.82	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	254.22	
	08MOD-0006		For Baked Enamel Finish, Add	54.72	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-11.80	
	08MOD-0011		For 14 Gauge Frame, Add	29.50	
	08MOD-0012		For 12 Gauge Frame, Add	44.84	
08110-0038	EA	3'-4" x 6'-8"	Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	261.35	67.62
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	18.92	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	15.13	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	233.74	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	271.57	
	08MOD-0006		For Baked Enamel Finish, Add	58.12	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-12.61	
	08MOD-0011		For 14 Gauge Frame, Add	31.53	
	08MOD-0012		For 12 Gauge Frame, Add	47.92	
08110-0039	EA	3'-6" x 6'-8"	Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	267.79	70.85
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	18.92	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	15.13	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	234.06	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	271.89	
	08MOD-0006		For Baked Enamel Finish, Add	59.08	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-12.61	
	08MOD-0011		For 14 Gauge Frame, Add	31.53	
	08MOD-0012		For 12 Gauge Frame, Add	47.92	
08110-0040	EA	4' x 6'-8"	Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	278.72	74.06
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	19.59	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	15.67	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	242.49	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	281.67	
	08MOD-0006		For Baked Enamel Finish, Add	61.40	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-13.06	
	08MOD-0011		For 14 Gauge Frame, Add	32.65	
	08MOD-0012		For 12 Gauge Frame, Add	49.63	
08110-0041	EA	5' x 6'-8"	Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	289.68	77.29
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	20.27	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	16.21	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	250.93	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	291.46	
	08MOD-0006		For Baked Enamel Finish, Add	63.72	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-13.51	
	08MOD-0011		For 14 Gauge Frame, Add	33.78	
	08MOD-0012		For 12 Gauge Frame, Add	51.34	



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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0042	EA 5'-4" x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	296.12	80.51
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	20.27	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	16.21	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	251.25	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	291.78	
	08MOD-0006 For Baked Enamel Finish, Add	64.68	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-13.51	
	08MOD-0011 For 14 Gauge Frame, Add	33.78	
	08MOD-0012 For 12 Gauge Frame, Add	51.34	
08110-0043	EA 6' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	307.06	83.72
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	20.94	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	16.75	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	259.67	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	301.55	
	08MOD-0006 For Baked Enamel Finish, Add	67.00	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-13.96	
	08MOD-0011 For 14 Gauge Frame, Add	34.90	
	08MOD-0012 For 12 Gauge Frame, Add	53.05	
08110-0044	EA 7' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	319.29	85.34
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	22.29	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	17.83	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	276.05	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	320.64	
	08MOD-0006 For Baked Enamel Finish, Add	70.19	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-14.86	
	08MOD-0011 For 14 Gauge Frame, Add	37.16	
	08MOD-0012 For 12 Gauge Frame, Add	56.48	
08110-0045	EA 8' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	331.52	86.95
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	23.64	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	18.92	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	292.43	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	339.72	
	08MOD-0006 For Baked Enamel Finish, Add	73.37	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-15.76	
	08MOD-0011 For 14 Gauge Frame, Add	39.41	
	08MOD-0012 For 12 Gauge Frame, Add	59.90	
08110-0046	>7'-2" Through 9'-0" High <small>(08110-0031)</small>		
08110-0047	EA 2' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	201.69	48.30
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	15.76	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	12.61	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	193.97	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	225.50	
	08MOD-0006 For Baked Enamel Finish, Add	46.02	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-10.51	
	08MOD-0011 For 14 Gauge Frame, Add	26.27	
	08MOD-0012 For 12 Gauge Frame, Add	39.93	
08110-0048	EA 2'-4" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	231.37	53.13
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	18.77	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	15.01	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	230.49	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	268.02	
	08MOD-0006 For Baked Enamel Finish, Add	53.47	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-12.51	
	08MOD-0011 For 14 Gauge Frame, Add	31.28	
	08MOD-0012 For 12 Gauge Frame, Add	47.54	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0049 EA 2'-6" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	239.80	56.36
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	19.07	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	15.25	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	234.42	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	272.55	
08MOD-0006 For Baked Enamel Finish, Add	55.04	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-12.71	
08MOD-0011 For 14 Gauge Frame, Add	31.78	
08MOD-0012 For 12 Gauge Frame, Add	48.30	
08110-0050 EA 2'-8" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	249.47	61.19
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	19.07	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	15.25	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	234.90	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	273.03	
08MOD-0006 For Baked Enamel Finish, Add	56.49	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-12.71	
08MOD-0011 For 14 Gauge Frame, Add	31.78	
08MOD-0012 For 12 Gauge Frame, Add	48.30	
08110-0051 EA 3' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	259.90	64.40
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	19.67	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	15.73	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	242.42	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	281.75	
08MOD-0006 For Baked Enamel Finish, Add	58.65	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-13.11	
08MOD-0011 For 14 Gauge Frame, Add	32.78	
08MOD-0012 For 12 Gauge Frame, Add	49.82	
08110-0052 EA 3'-4" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	275.36	67.62
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	21.02	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	16.81	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	258.96	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	300.99	
08MOD-0006 For Baked Enamel Finish, Add	62.32	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-14.01	
08MOD-0011 For 14 Gauge Frame, Add	35.03	
08MOD-0012 For 12 Gauge Frame, Add	53.24	
08110-0053 EA 3'-6" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	281.80	70.85
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	21.02	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	16.81	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	259.28	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	301.32	
08MOD-0006 For Baked Enamel Finish, Add	63.29	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-14.01	
08MOD-0011 For 14 Gauge Frame, Add	35.03	
08MOD-0012 For 12 Gauge Frame, Add	53.24	
08110-0054 EA 4' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	293.24	74.06
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	21.77	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	17.41	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	268.62	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	312.16	
08MOD-0006 For Baked Enamel Finish, Add	65.75	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-14.51	
08MOD-0011 For 14 Gauge Frame, Add	36.28	
08MOD-0012 For 12 Gauge Frame, Add	55.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0055 EA 5' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	304.69	77.29
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	22.52	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	18.01	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	277.94	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	322.98	
08MOD-0006 For Baked Enamel Finish, Add	68.22	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-15.01	
08MOD-0011 For 14 Gauge Frame, Add	37.53	
08MOD-0012 For 12 Gauge Frame, Add	57.05	
08110-0056 EA 5'-4" x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge	311.13	80.51
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	22.52	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	18.01	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	278.27	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	323.30	
08MOD-0006 For Baked Enamel Finish, Add	69.19	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-15.01	
08MOD-0011 For 14 Gauge Frame, Add	37.53	
08MOD-0012 For 12 Gauge Frame, Add	57.05	
08110-0057 EA 6' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	322.57	83.72
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	23.27	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	18.61	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	287.59	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	334.12	
08MOD-0006 For Baked Enamel Finish, Add	71.65	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-15.51	
08MOD-0011 For 14 Gauge Frame, Add	38.78	
08MOD-0012 For 12 Gauge Frame, Add	58.95	
08110-0058 EA 7' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	335.80	85.34
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	24.77	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	19.82	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	305.77	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	355.31	
08MOD-0006 For Baked Enamel Finish, Add	75.14	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-16.51	
08MOD-0011 For 14 Gauge Frame, Add	41.28	
08MOD-0012 For 12 Gauge Frame, Add	62.75	
08110-0059 EA 8' x >7'-2" Through 9' x 5-3/4" Deep Metal Door Frame, 16 Gauge.....	349.03	86.95
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	26.27	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	21.02	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	323.95	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	376.49	
08MOD-0006 For Baked Enamel Finish, Add	78.63	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-17.51	
08MOD-0011 For 14 Gauge Frame, Add	43.79	
08MOD-0012 For 12 Gauge Frame, Add	66.55	
08110-0060 Metal Frames 6-3/4" Depth x 16 Gauge, Knock-Down (08110-0001)		
08110-0061 6'-8" Through 7'-2" High (08110-0060)		
08110-0062 EA 2' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	246.33	48.30
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	22.46	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	17.97	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	274.33	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	319.24	
08MOD-0006 For Baked Enamel Finish, Add	59.41	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-14.97	
08MOD-0011 For 14 Gauge Frame, Add	37.43	
08MOD-0012 For 12 Gauge Frame, Add	56.89	
08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0063	EA	2'-4"	x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	284.51	53.13
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	26.74	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	21.39	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	326.15	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	379.62	
	08MOD-0006		For Baked Enamel Finish, Add	69.41	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-17.82	
	08MOD-0011		For 14 Gauge Frame, Add	44.56	
	08MOD-0012		For 12 Gauge Frame, Add	67.73	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0064	EA	2'-6"	x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	293.79	56.36
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	27.16	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	21.73	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	331.60	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	385.92	
	08MOD-0006		For Baked Enamel Finish, Add	71.23	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-18.11	
	08MOD-0011		For 14 Gauge Frame, Add	45.27	
	08MOD-0012		For 12 Gauge Frame, Add	68.81	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0065	EA	2'-8"	x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	303.46	61.19
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	27.16	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	21.73	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	332.08	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	386.41	
	08MOD-0006		For Baked Enamel Finish, Add	72.68	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-18.11	
	08MOD-0011		For 14 Gauge Frame, Add	45.27	
	08MOD-0012		For 12 Gauge Frame, Add	68.81	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0066	EA	3' x 6'-8"	Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	315.60	64.40
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	28.02	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	22.42	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	342.68	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	398.72	
	08MOD-0006		For Baked Enamel Finish, Add	75.36	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-18.68	
	08MOD-0011		For 14 Gauge Frame, Add	46.70	
	08MOD-0012		For 12 Gauge Frame, Add	70.98	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0067	EA	3'-4"	x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	334.88	67.62
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	29.94	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	23.96	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	366.10	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	425.99	
	08MOD-0006		For Baked Enamel Finish, Add	80.18	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-19.96	
	08MOD-0011		For 14 Gauge Frame, Add	49.91	
	08MOD-0012		For 12 Gauge Frame, Add	75.86	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0068 EA 3'-6" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	341.32	70.85
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	29.94	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	23.96	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	366.42	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	426.31	
08MOD-0006 For Baked Enamel Finish, Add	81.14	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-19.96	
08MOD-0011 For 14 Gauge Frame, Add	49.91	
08MOD-0012 For 12 Gauge Frame, Add	75.86	
08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0069 EA 4' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	354.88	74.06
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	31.01	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	24.81	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	379.57	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	441.60	
08MOD-0006 For Baked Enamel Finish, Add	84.25	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-20.68	
08MOD-0011 For 14 Gauge Frame, Add	51.69	
08MOD-0012 For 12 Gauge Frame, Add	78.57	
08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0070 EA 5' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	368.46	77.29
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	32.08	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	25.67	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	392.73	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	456.90	
08MOD-0006 For Baked Enamel Finish, Add	87.35	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-21.39	
08MOD-0011 For 14 Gauge Frame, Add	53.47	
08MOD-0012 For 12 Gauge Frame, Add	81.28	
08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0071 EA 5'-4" x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge	374.90	80.51
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	32.08	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	25.67	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	393.05	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	457.22	
08MOD-0006 For Baked Enamel Finish, Add	88.32	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-21.39	
08MOD-0011 For 14 Gauge Frame, Add	53.47	
08MOD-0012 For 12 Gauge Frame, Add	81.28	
08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0072 EA 6' x 6'-8" Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	388.47	83.72
08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	33.15	
08MOD-0002 For Welded Frames, Add	45.00	
08MOD-0003 For Galvanized Frames, Add	26.52	
08MOD-0004 For Type 304 Stainless Steel Frame, Add	406.21	
08MOD-0005 For Type 316 Stainless Steel Frame, Add	472.51	
08MOD-0006 For Baked Enamel Finish, Add	91.42	
08MOD-0007 For 3/4 Hour Rating, Add	30.70	
08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
08MOD-0009 For 3 Hour Rating, Add	43.86	
08MOD-0010 For 18 Gauge Frame, Deduct	-22.10	
08MOD-0011 For 14 Gauge Frame, Add	55.26	
08MOD-0012 For 12 Gauge Frame, Add	83.99	
08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0073	EA	7' x 6'-8"	Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	405.95	85.34
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	35.29	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	28.23	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	432.04	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	502.62	
	08MOD-0006		For Baked Enamel Finish, Add	96.18	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-23.53	
	08MOD-0011		For 14 Gauge Frame, Add	58.82	
	08MOD-0012		For 12 Gauge Frame, Add	89.41	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0074	EA	8' x 6'-8"	Through 7'-2" x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	423.43	86.95
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	37.43	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	29.94	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	457.87	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	532.73	
	08MOD-0006		For Baked Enamel Finish, Add	100.95	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-24.95	
	08MOD-0011		For 14 Gauge Frame, Add	62.39	
	08MOD-0012		For 12 Gauge Frame, Add	94.83	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0075		>7'-2"	Through 9'-0" High <small>(08110-0060)</small>		
08110-0076	EA	2' x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	262.97	48.30
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	24.95	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	19.96	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	304.28	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	354.19	
	08MOD-0006		For Baked Enamel Finish, Add	64.40	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-16.64	
	08MOD-0011		For 14 Gauge Frame, Add	41.59	
	08MOD-0012		For 12 Gauge Frame, Add	63.22	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0077	EA	2'-4" x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	304.32	53.13
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	29.71	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	23.77	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	361.80	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	421.22	
	08MOD-0006		For Baked Enamel Finish, Add	75.36	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-19.81	
	08MOD-0011		For 14 Gauge Frame, Add	49.51	
	08MOD-0012		For 12 Gauge Frame, Add	75.26	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0078	EA	2'-6" x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	313.92	56.36
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	30.18	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	24.15	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	367.83	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	428.20	
	08MOD-0006		For Baked Enamel Finish, Add	77.27	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-20.12	
	08MOD-0011		For 14 Gauge Frame, Add	50.31	
	08MOD-0012		For 12 Gauge Frame, Add	76.46	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	



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Steel Doors And Frames 08110	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0079	EA 2'-8" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	323.59	61.19
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	30.18	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	24.15	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	368.31	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	428.68	
	08MOD-0006 For Baked Enamel Finish, Add	78.72	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-20.12	
	08MOD-0011 For 14 Gauge Frame, Add	50.31	
	08MOD-0012 For 12 Gauge Frame, Add	76.46	
	08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0080	EA 3' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	336.35	64.40
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	31.13	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	24.91	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	380.03	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	442.30	
	08MOD-0006 For Baked Enamel Finish, Add	81.59	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-20.76	
	08MOD-0011 For 14 Gauge Frame, Add	51.89	
	08MOD-0012 For 12 Gauge Frame, Add	78.87	
	08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0081	EA 3'-4" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	357.06	67.62
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	33.27	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	26.62	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	406.02	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	472.56	
	08MOD-0006 For Baked Enamel Finish, Add	86.83	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-22.18	
	08MOD-0011 For 14 Gauge Frame, Add	55.45	
	08MOD-0012 For 12 Gauge Frame, Add	84.29	
	08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0082	EA 3'-6" x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	363.50	70.85
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	33.27	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	26.62	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	406.34	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	472.89	
	08MOD-0006 For Baked Enamel Finish, Add	87.80	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-22.18	
	08MOD-0011 For 14 Gauge Frame, Add	55.45	
	08MOD-0012 For 12 Gauge Frame, Add	84.29	
	08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	
08110-0083	EA 4' x >7'-2" Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge	377.85	74.06
	08MOD-0001 For Auxiliary Frame Reinforcement For Hinges, Add	34.46	
	08MOD-0002 For Welded Frames, Add	45.00	
	08MOD-0003 For Galvanized Frames, Add	27.57	
	08MOD-0004 For Type 304 Stainless Steel Frame, Add	420.92	
	08MOD-0005 For Type 316 Stainless Steel Frame, Add	489.84	
	08MOD-0006 For Baked Enamel Finish, Add	91.14	
	08MOD-0007 For 3/4 Hour Rating, Add	30.70	
	08MOD-0008 For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009 For 3 Hour Rating, Add	43.86	
	08MOD-0010 For 18 Gauge Frame, Deduct	-22.97	
	08MOD-0011 For 14 Gauge Frame, Add	57.43	
	08MOD-0012 For 12 Gauge Frame, Add	87.30	
	08MOD-0013 For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014 For 8-7/8" To 13" Wall, Add	22.30	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0084	EA	5' x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	392.23	77.29
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	35.65	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	28.52	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	435.52	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	506.81	
	08MOD-0006		For Baked Enamel Finish, Add	94.48	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-23.77	
	08MOD-0011		For 14 Gauge Frame, Add	59.42	
	08MOD-0012		For 12 Gauge Frame, Add	90.31	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0085	EA	5'-4" x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	398.67	80.51
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	35.65	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	28.52	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	435.84	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	507.14	
	08MOD-0006		For Baked Enamel Finish, Add	95.45	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-23.77	
	08MOD-0011		For 14 Gauge Frame, Add	59.42	
	08MOD-0012		For 12 Gauge Frame, Add	90.31	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0086	EA	6' x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	413.03	83.72
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	36.84	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	29.47	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	450.42	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	524.09	
	08MOD-0006		For Baked Enamel Finish, Add	98.79	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-24.56	
	08MOD-0011		For 14 Gauge Frame, Add	61.40	
	08MOD-0012		For 12 Gauge Frame, Add	93.32	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0087	EA	7' x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	432.09	85.34
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	39.21	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	31.37	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	479.09	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	557.52	
	08MOD-0006		For Baked Enamel Finish, Add	104.03	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-26.14	
	08MOD-0011		For 14 Gauge Frame, Add	65.36	
	08MOD-0012		For 12 Gauge Frame, Add	99.34	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0088	EA	8' x >7'-2"	Through 9' x 6-3/4" Deep Metal Door Frame, 16 Gauge.....	451.16	86.95
	08MOD-0001		For Auxiliary Frame Reinforcement For Hinges, Add	41.59	
	08MOD-0002		For Welded Frames, Add	45.00	
	08MOD-0003		For Galvanized Frames, Add	33.27	
	08MOD-0004		For Type 304 Stainless Steel Frame, Add	507.78	
	08MOD-0005		For Type 316 Stainless Steel Frame, Add	590.96	
	08MOD-0006		For Baked Enamel Finish, Add	109.26	
	08MOD-0007		For 3/4 Hour Rating, Add	30.70	
	08MOD-0008		For 1-1/2 Hour Rating, Add	35.08	
	08MOD-0009		For 3 Hour Rating, Add	43.86	
	08MOD-0010		For 18 Gauge Frame, Deduct	-27.73	
	08MOD-0011		For 14 Gauge Frame, Add	69.32	
	08MOD-0012		For 12 Gauge Frame, Add	105.36	
	08MOD-0013		For 6-7/8" To 8-3/4" Wall, Add	17.70	
	08MOD-0014		For 8-7/8" To 13" Wall, Add	22.30	
08110-0089			Sidelights And Transoms <small>(08110)</small>		
08110-0090			Steel Transom Sash, Operable <small>(08110-0089)</small>		
			Note: Includes hardware		
08110-0091	SF	4-3/4"	Deep Steel Transom Sash, 16 Gauge Frame.....	43.40	9.01
	08MOD-0015		For 18 Gauge Frame, Deduct	-2.54	
	08MOD-0016		For 14 Gauge Frame, Add	6.35	
	08MOD-0017		For 12 Gauge Frame, Add	9.64	



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Metal Doors And Frames 08100	
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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0092	SF	5-3/4" Deep Steel Transom Sash, 16 Gauge Frame	45.30	9.34
	08MOD-0015	For 18 Gauge Frame, Deduct	-2.67	
	08MOD-0016	For 14 Gauge Frame, Add	6.66	
	08MOD-0017	For 12 Gauge Frame, Add	10.13	
08110-0093	SF	6-3/4" Deep Steel Transom Sash, 16 Gauge Frame	47.30	9.66
	08MOD-0015	For 18 Gauge Frame, Deduct	-2.80	
	08MOD-0016	For 14 Gauge Frame, Add	7.00	
	08MOD-0017	For 12 Gauge Frame, Add	10.63	
08110-0094		Sidelights, Steel Frame (08110-0089)		
08110-0095	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	34.30	9.01
	08MOD-0015	For 18 Gauge Frame, Deduct	-1.63	
	08MOD-0016	For 14 Gauge Frame, Add	4.07	
	08MOD-0017	For 12 Gauge Frame, Add	6.19	
08110-0096	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	35.76	9.34
	08MOD-0015	For 18 Gauge Frame, Deduct	-1.71	
	08MOD-0016	For 14 Gauge Frame, Add	4.27	
	08MOD-0017	For 12 Gauge Frame, Add	6.49	
08110-0097	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	37.26	9.66
	08MOD-0015	For 18 Gauge Frame, Deduct	-1.79	
	08MOD-0016	For 14 Gauge Frame, Add	4.49	
	08MOD-0017	For 12 Gauge Frame, Add	6.82	
08110-0098		Metal Doors (08110)		
		Note: Full flush, impregnated honeycomb core, epoxy baked-on primer.		
08110-0099		20 Gauge 1-3/4" Unrated Door (08110-0098)		
08110-0100		6'-8" High (08110-0099)		
08110-0101	EA	2' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	329.49	35.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	11.64	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	210.45	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	339.77	
	08MOD-0025	For Embossed Panel, Add	62.07	
	08MOD-0026	For Galvanized Steel, Add	38.80	
	08MOD-0027	For Baked Enamel Finish, Add	120.10	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.25	
	08MOD-0034	For > 100, Deduct	-26.48	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	25.86	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	64.66	
08110-0102	EA	2'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	329.49	35.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	11.64	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	210.45	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	339.77	
	08MOD-0025	For Embossed Panel, Add	62.07	
	08MOD-0026	For Galvanized Steel, Add	38.80	
	08MOD-0027	For Baked Enamel Finish, Add	120.10	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.25	
	08MOD-0034	For > 100, Deduct	-26.48	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	25.86	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	64.66	
08110-0103	EA	2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	337.99	37.04
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	11.88	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	214.85	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	346.81	
	08MOD-0025	For Embossed Panel, Add	63.34	
	08MOD-0026	For Galvanized Steel, Add	39.59	
	08MOD-0027	For Baked Enamel Finish, Add	123.62	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.75	
	08MOD-0034	For > 100, Deduct	-27.20	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	26.39	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	65.98	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0104	EA	2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	341.93	37.04
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.05	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	218.00	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	351.93	
	08MOD-0025	For Embossed Panel, Add	64.29	
	08MOD-0026	For Galvanized Steel, Add	40.18	
	08MOD-0027	For Baked Enamel Finish, Add	124.80	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.95	
	08MOD-0034	For > 100, Deduct	-27.50	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	26.79	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	66.97	
08110-0105	EA	3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	348.31	38.64
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.20	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	220.68	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	356.19	
	08MOD-0025	For Embossed Panel, Add	65.04	
	08MOD-0026	For Galvanized Steel, Add	40.65	
	08MOD-0027	For Baked Enamel Finish, Add	127.68	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-19.35	
	08MOD-0034	For > 100, Deduct	-28.06	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	27.10	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.76	
08110-0106	EA	3'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	368.79	38.64
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	13.12	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	237.06	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	382.81	
	08MOD-0025	For Embossed Panel, Add	69.96	
	08MOD-0026	For Galvanized Steel, Add	43.73	
	08MOD-0027	For Baked Enamel Finish, Add	133.82	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-20.37	
	08MOD-0034	For > 100, Deduct	-29.59	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	29.15	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	72.88	
08110-0107	EA	3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	379.89	40.25
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	13.47	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	243.53	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	393.22	
	08MOD-0025	For Embossed Panel, Add	71.85	
	08MOD-0026	For Galvanized Steel, Add	44.91	
	08MOD-0027	For Baked Enamel Finish, Add	138.12	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-21.01	
	08MOD-0034	For > 100, Deduct	-30.50	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	29.94	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.85	
08110-0108	EA	4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	417.85	43.47
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	14.89	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	269.07	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	434.52	
	08MOD-0025	For Embossed Panel, Add	79.42	
	08MOD-0026	For Galvanized Steel, Add	49.64	
	08MOD-0027	For Baked Enamel Finish, Add	151.44	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-23.07	
	08MOD-0034	For > 100, Deduct	-33.51	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	33.09	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	82.73	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0109	PR Pair 2'-6" x 6'-8" x 1'-3/4" 20 Gauge Metal Door (Unrated).....	668.58	70.36
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	23.75	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	429.32	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	693.25	
	08MOD-0025 For Embossed Panel, Add	126.69	
	08MOD-0026 For Galvanized Steel, Add	79.18	
	08MOD-0027 For Baked Enamel Finish, Add	242.79	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-36.95	
	08MOD-0034 For > 100, Deduct	-53.66	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	52.79	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.97	
08110-0110	PR Pair 2'-8" x 6'-8" x 1'-3/4" 20 Gauge Metal Door (Unrated).....	676.46	70.36
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	24.11	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	435.63	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	703.50	
	08MOD-0025 For Embossed Panel, Add	128.58	
	08MOD-0026 For Galvanized Steel, Add	80.36	
	08MOD-0027 For Baked Enamel Finish, Add	245.15	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-37.34	
	08MOD-0034 For > 100, Deduct	-54.25	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	53.57	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	133.94	
08110-0111	PR Pair 3' x 6'-8" x 1'-3/4" 20 Gauge Metal Door (Unrated).....	688.88	73.42
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	24.39	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	440.97	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	711.99	
	08MOD-0025 For Embossed Panel, Add	130.09	
	08MOD-0026 For Galvanized Steel, Add	81.31	
	08MOD-0027 For Baked Enamel Finish, Add	250.72	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-38.12	
	08MOD-0034 For > 100, Deduct	-55.34	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	54.20	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	135.51	
08110-0112	PR Pair 3'-6" x 6'-8" x 1'-3/4" 20 Gauge Metal Door (Unrated).....	751.72	76.48
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	26.94	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	486.66	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	786.05	
	08MOD-0025 For Embossed Panel, Add	143.70	
	08MOD-0026 For Galvanized Steel, Add	89.82	
	08MOD-0027 For Baked Enamel Finish, Add	271.40	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-41.41	
	08MOD-0034 For > 100, Deduct	-60.20	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	59.88	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	149.69	
08110-0113	PR Pair 4' x 6'-8" x 1'-3/4" 20 Gauge Metal Door (Unrated).....	826.99	82.60
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	29.78	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	537.69	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	868.59	
	08MOD-0025 For Embossed Panel, Add	158.83	
	08MOD-0026 For Galvanized Steel, Add	99.27	
	08MOD-0027 For Baked Enamel Finish, Add	297.66	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-45.48	
	08MOD-0034 For > 100, Deduct	-66.15	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	66.18	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	165.45	

08110-0114 7' High (08110-0099)

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0115	EA	2' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	336.27	35.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	11.94	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	215.88	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	348.59	
	08MOD-0025	For Embossed Panel, Add	63.70	
	08MOD-0026	For Galvanized Steel, Add	39.81	
	08MOD-0027	For Baked Enamel Finish, Add	122.14	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.58	
	08MOD-0034	For > 100, Deduct	-26.99	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	26.54	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	66.36	
08110-0116	EA	2'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	336.27	35.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	11.94	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	215.88	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	348.59	
	08MOD-0025	For Embossed Panel, Add	63.70	
	08MOD-0026	For Galvanized Steel, Add	39.81	
	08MOD-0027	For Baked Enamel Finish, Add	122.14	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.58	
	08MOD-0034	For > 100, Deduct	-26.99	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	26.54	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	66.36	
08110-0117	EA	2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	344.90	37.04
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.19	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	220.38	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	355.80	
	08MOD-0025	For Embossed Panel, Add	65.00	
	08MOD-0026	For Galvanized Steel, Add	40.63	
	08MOD-0027	For Baked Enamel Finish, Add	125.69	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-19.10	
	08MOD-0034	For > 100, Deduct	-27.72	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	27.08	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	67.71	
08110-0118	EA	2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	348.95	37.04
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.37	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	223.62	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	361.06	
	08MOD-0025	For Embossed Panel, Add	65.97	
	08MOD-0026	For Galvanized Steel, Add	41.23	
	08MOD-0027	For Baked Enamel Finish, Add	126.90	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-19.30	
	08MOD-0034	For > 100, Deduct	-28.02	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	27.49	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	68.72	
08110-0119	EA	3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	355.41	38.64
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.52	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	226.36	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	365.42	
	08MOD-0025	For Embossed Panel, Add	66.75	
	08MOD-0026	For Galvanized Steel, Add	41.72	
	08MOD-0027	For Baked Enamel Finish, Add	129.81	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-19.70	
	08MOD-0034	For > 100, Deduct	-28.59	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	27.81	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.53	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0120	EA 3'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	376.43	38.64
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.46	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	243.18	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	392.75	
	08MOD-0025 For Embossed Panel, Add	71.79	
	08MOD-0026 For Galvanized Steel, Add	44.87	
	08MOD-0027 For Baked Enamel Finish, Add	136.12	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-20.75	
	08MOD-0034 For > 100, Deduct	-30.16	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	29.91	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.79	
08110-0121	EA 3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	387.74	40.25
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.83	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	249.81	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	403.42	
	08MOD-0025 For Embossed Panel, Add	73.74	
	08MOD-0026 For Galvanized Steel, Add	46.08	
	08MOD-0027 For Baked Enamel Finish, Add	140.48	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-21.40	
	08MOD-0034 For > 100, Deduct	-31.09	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	30.72	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	76.81	
08110-0122	EA 4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	426.52	43.47
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	15.28	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	276.00	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	445.79	
	08MOD-0025 For Embossed Panel, Add	81.50	
	08MOD-0026 For Galvanized Steel, Add	50.94	
	08MOD-0027 For Baked Enamel Finish, Add	154.04	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-23.50	
	08MOD-0034 For > 100, Deduct	-34.16	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	33.96	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	84.89	
08110-0123	PR Pair 2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	682.41	70.36
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	24.38	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	440.39	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	711.23	
	08MOD-0025 For Embossed Panel, Add	130.01	
	08MOD-0026 For Galvanized Steel, Add	81.25	
	08MOD-0027 For Baked Enamel Finish, Add	246.94	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-37.64	
	08MOD-0034 For > 100, Deduct	-54.70	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	54.17	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	135.42	
08110-0124	PR Pair 2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	690.49	70.36
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	24.74	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	446.85	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	721.74	
	08MOD-0025 For Embossed Panel, Add	131.94	
	08MOD-0026 For Galvanized Steel, Add	82.47	
	08MOD-0027 For Baked Enamel Finish, Add	249.36	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-38.04	
	08MOD-0034 For > 100, Deduct	-55.30	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	54.98	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	137.44	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0125	PR	Pair 3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	703.08	73.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	25.03	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	452.33	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	730.45	
	08MOD-0025	For Embossed Panel, Add	133.50	
	08MOD-0026	For Galvanized Steel, Add	83.44	
	08MOD-0027	For Baked Enamel Finish, Add	254.98	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-38.83	
	08MOD-0034	For > 100, Deduct	-56.40	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	55.62	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	139.06	
08110-0126	PR	Pair 3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	767.40	76.48
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	27.65	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	499.21	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	806.43	
	08MOD-0025	For Embossed Panel, Add	147.47	
	08MOD-0026	For Galvanized Steel, Add	92.17	
	08MOD-0027	For Baked Enamel Finish, Add	276.11	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-42.19	
	08MOD-0034	For > 100, Deduct	-61.38	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	61.45	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	153.61	
08110-0127	PR	Pair 4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	844.33	82.60
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	30.56	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	551.56	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	891.13	
	08MOD-0025	For Embossed Panel, Add	162.99	
	08MOD-0026	For Galvanized Steel, Add	101.87	
	08MOD-0027	For Baked Enamel Finish, Add	302.86	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-46.35	
	08MOD-0034	For > 100, Deduct	-67.45	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	67.91	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	169.78	
08110-0128		7'-2" High (08110-0099)		
08110-0129	EA	2' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	342.85	35.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.24	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	221.14	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	357.14	
	08MOD-0025	For Embossed Panel, Add	65.28	
	08MOD-0026	For Galvanized Steel, Add	40.80	
	08MOD-0027	For Baked Enamel Finish, Add	124.11	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.91	
	08MOD-0034	For > 100, Deduct	-27.49	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	27.20	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	68.00	
08110-0130	EA	2'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	342.85	35.42
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	12.24	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	221.14	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	357.14	
	08MOD-0025	For Embossed Panel, Add	65.28	
	08MOD-0026	For Galvanized Steel, Add	40.80	
	08MOD-0027	For Baked Enamel Finish, Add	124.11	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-18.91	
	08MOD-0034	For > 100, Deduct	-27.49	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	27.20	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	68.00	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0131 EA 2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	351.62	37.04
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	12.49	
08MOD-0023 For Type 304 Stainless Steel Door, Add	225.75	
08MOD-0024 For Type 316 Stainless Steel Door, Add	364.53	
08MOD-0025 For Embossed Panel, Add	66.61	
08MOD-0026 For Galvanized Steel, Add	41.63	
08MOD-0027 For Baked Enamel Finish, Add	127.70	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-19.43	
08MOD-0034 For > 100, Deduct	-28.22	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	27.76	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.39	
08110-0132 EA 2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	355.76	37.04
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	12.68	
08MOD-0023 For Type 304 Stainless Steel Door, Add	229.06	
08MOD-0024 For Type 316 Stainless Steel Door, Add	369.91	
08MOD-0025 For Embossed Panel, Add	67.61	
08MOD-0026 For Galvanized Steel, Add	42.26	
08MOD-0027 For Baked Enamel Finish, Add	128.95	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-19.64	
08MOD-0034 For > 100, Deduct	-28.53	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	28.17	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	70.43	
08110-0133 EA 3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	362.31	38.64
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	12.83	
08MOD-0023 For Type 304 Stainless Steel Door, Add	231.88	
08MOD-0024 For Type 316 Stainless Steel Door, Add	374.39	
08MOD-0025 For Embossed Panel, Add	68.40	
08MOD-0026 For Galvanized Steel, Add	42.75	
08MOD-0027 For Baked Enamel Finish, Add	131.88	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-20.05	
08MOD-0034 For > 100, Deduct	-29.11	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	28.50	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.26	
08110-0134 EA 3'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	383.85	38.64
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.80	
08MOD-0023 For Type 304 Stainless Steel Door, Add	249.11	
08MOD-0024 For Type 316 Stainless Steel Door, Add	402.39	
08MOD-0025 For Embossed Panel, Add	73.57	
08MOD-0026 For Galvanized Steel, Add	45.98	
08MOD-0027 For Baked Enamel Finish, Add	138.34	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-21.12	
08MOD-0034 For > 100, Deduct	-30.72	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	30.66	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	76.64	
08110-0135 EA 3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	395.36	40.25
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	14.17	
08MOD-0023 For Type 304 Stainless Steel Door, Add	255.91	
08MOD-0024 For Type 316 Stainless Steel Door, Add	413.33	
08MOD-0025 For Embossed Panel, Add	75.56	
08MOD-0026 For Galvanized Steel, Add	47.23	
08MOD-0027 For Baked Enamel Finish, Add	142.76	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-21.78	
08MOD-0034 For > 100, Deduct	-31.66	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	31.49	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	78.71	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0136	EA		4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	434.94	43.47
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	15.66	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	282.74	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	456.73	
	08MOD-0025		For Embossed Panel, Add	83.52	
	08MOD-0026		For Galvanized Steel, Add	52.20	
	08MOD-0027		For Baked Enamel Finish, Add	156.57	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-23.92	
	08MOD-0034		For > 100, Deduct	-34.79	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	34.80	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	87.00	
08110-0137	PR	Pair	2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	695.84	70.36
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	24.98	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	451.13	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	728.69	
	08MOD-0025		For Embossed Panel, Add	133.23	
	08MOD-0026		For Galvanized Steel, Add	83.27	
	08MOD-0027		For Baked Enamel Finish, Add	250.97	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-38.31	
	08MOD-0034		For > 100, Deduct	-55.71	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	55.51	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	138.78	
08110-0138	PR	Pair	2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	704.13	70.36
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	25.35	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	457.76	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	739.47	
	08MOD-0025		For Embossed Panel, Add	135.22	
	08MOD-0026		For Galvanized Steel, Add	84.51	
	08MOD-0027		For Baked Enamel Finish, Add	253.46	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-38.72	
	08MOD-0034		For > 100, Deduct	-56.33	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	56.34	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	140.85	
08110-0139	PR	Pair	3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	716.88	73.42
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	25.65	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	463.37	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	748.39	
	08MOD-0025		For Embossed Panel, Add	136.81	
	08MOD-0026		For Galvanized Steel, Add	85.51	
	08MOD-0027		For Baked Enamel Finish, Add	259.12	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-39.52	
	08MOD-0034		For > 100, Deduct	-57.44	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	57.00	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	142.51	
08110-0140	PR	Pair	3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	782.64	76.48
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	28.34	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	511.40	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	826.24	
	08MOD-0025		For Embossed Panel, Add	151.13	
	08MOD-0026		For Galvanized Steel, Add	94.45	
	08MOD-0027		For Baked Enamel Finish, Add	280.68	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-42.96	
	08MOD-0034		For > 100, Deduct	-62.52	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	62.97	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	157.42	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0141 PR Pair 4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	861.18	82.60
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	31.32	
08MOD-0023 For Type 304 Stainless Steel Door, Add	565.04	
08MOD-0024 For Type 316 Stainless Steel Door, Add	913.03	
08MOD-0025 For Embossed Panel, Add	167.04	
08MOD-0026 For Galvanized Steel, Add	104.40	
08MOD-0027 For Baked Enamel Finish, Add	307.91	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-47.19	
08MOD-0034 For > 100, Deduct	-68.72	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	69.60	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	174.00	
08110-0142 18 Gauge 1-3/4" Unrated Door (08110-0098)		
08110-0143 6'-8" High (08110-0142)		
08110-0144 EA 2' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	350.41	35.42
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	55.91	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	12.58	
08MOD-0023 For Type 304 Stainless Steel Door, Add	227.19	
08MOD-0024 For Type 316 Stainless Steel Door, Add	366.97	
08MOD-0025 For Embossed Panel, Add	67.09	
08MOD-0026 For Galvanized Steel, Add	41.93	
08MOD-0027 For Baked Enamel Finish, Add	126.38	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-19.29	
08MOD-0034 For > 100, Deduct	-28.05	
08MOD-0037 For 2" Thick Door, Add	22.04	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	27.96	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.89	
08110-0145 EA 2'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	350.41	35.42
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	55.91	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	12.58	
08MOD-0023 For Type 304 Stainless Steel Door, Add	227.19	
08MOD-0024 For Type 316 Stainless Steel Door, Add	366.97	
08MOD-0025 For Embossed Panel, Add	67.09	
08MOD-0026 For Galvanized Steel, Add	41.93	
08MOD-0027 For Baked Enamel Finish, Add	126.38	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-19.29	
08MOD-0034 For > 100, Deduct	-28.05	
08MOD-0037 For 2" Thick Door, Add	22.04	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	27.96	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	69.89	
08110-0146 EA 2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	359.34	37.04
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	57.06	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	12.84	
08MOD-0023 For Type 304 Stainless Steel Door, Add	231.93	
08MOD-0024 For Type 316 Stainless Steel Door, Add	374.57	
08MOD-0025 For Embossed Panel, Add	68.47	
08MOD-0026 For Galvanized Steel, Add	42.79	
08MOD-0027 For Baked Enamel Finish, Add	130.02	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-19.82	
08MOD-0034 For > 100, Deduct	-28.80	
08MOD-0037 For 2" Thick Door, Add	22.53	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	28.53	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.32	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0147	EA	2'-8" x 6'-8" x 1-3/4"	18 Gauge Metal Door (Unrated)	363.60	37.04
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	57.91	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	13.03	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	235.34	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	380.11	
	08MOD-0025		For Embossed Panel, Add	69.49	
	08MOD-0026		For Galvanized Steel, Add	43.43	
	08MOD-0027		For Baked Enamel Finish, Add	131.30	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-20.03	
	08MOD-0034		For > 100, Deduct	-29.12	
	08MOD-0037		For 2" Thick Door, Add	22.84	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	28.95	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	72.39	
08110-0148	EA	3' x 6'-8" x 1-3/4"	18 Gauge Metal Door (Unrated)	370.24	38.64
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	58.59	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	13.18	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	238.22	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	384.70	
	08MOD-0025		For Embossed Panel, Add	70.31	
	08MOD-0026		For Galvanized Steel, Add	43.94	
	08MOD-0027		For Baked Enamel Finish, Add	134.26	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-20.44	
	08MOD-0034		For > 100, Deduct	-29.70	
	08MOD-0037		For 2" Thick Door, Add	23.17	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	29.30	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	73.24	
08110-0149	EA	3'-4" x 6'-8" x 1-3/4"	18 Gauge Metal Door (Unrated)	392.38	38.64
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	63.02	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	14.18	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	255.94	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	413.48	
	08MOD-0025		For Embossed Panel, Add	75.62	
	08MOD-0026		For Galvanized Steel, Add	47.26	
	08MOD-0027		For Baked Enamel Finish, Add	140.90	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-21.55	
	08MOD-0034		For > 100, Deduct	-31.36	
	08MOD-0037		For 2" Thick Door, Add	24.78	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	31.51	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	78.77	
08110-0150	EA	3'-6" x 6'-8" x 1-3/4"	18 Gauge Metal Door (Unrated)	404.11	40.25
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	64.72	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	14.56	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	262.91	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	424.71	
	08MOD-0025		For Embossed Panel, Add	77.66	
	08MOD-0026		For Galvanized Steel, Add	48.54	
	08MOD-0027		For Baked Enamel Finish, Add	145.39	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-22.22	
	08MOD-0034		For > 100, Deduct	-32.32	
	08MOD-0037		For 2" Thick Door, Add	25.47	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	32.36	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	80.90	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0151	EA 4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	444.62	43.47
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	71.53	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	16.10	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	290.48	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	469.32	
	08MOD-0025 For Embossed Panel, Add	85.84	
	08MOD-0026 For Galvanized Steel, Add	53.65	
	08MOD-0027 For Baked Enamel Finish, Add	159.47	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-24.40	
	08MOD-0034 For > 100, Deduct	-35.52	
	08MOD-0037 For 2" Thick Door, Add	28.10	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	35.77	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	89.42	
08110-0152	PR Pair 2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	711.28	70.36
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	114.11	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	25.68	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	463.48	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	748.76	
	08MOD-0025 For Embossed Panel, Add	136.93	
	08MOD-0026 For Galvanized Steel, Add	85.58	
	08MOD-0027 For Baked Enamel Finish, Add	255.60	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-39.08	
	08MOD-0034 For > 100, Deduct	-56.86	
	08MOD-0037 For 2" Thick Door, Add	44.88	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	57.06	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	142.64	
08110-0153	PR Pair 2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	719.80	70.36
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	115.82	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	26.06	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	470.30	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	759.84	
	08MOD-0025 For Embossed Panel, Add	138.98	
	08MOD-0026 For Galvanized Steel, Add	86.86	
	08MOD-0027 For Baked Enamel Finish, Add	258.16	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-39.51	
	08MOD-0034 For > 100, Deduct	-57.50	
	08MOD-0037 For 2" Thick Door, Add	45.50	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	57.91	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	144.77	
08110-0154	PR Pair 3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	732.73	73.42
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	117.18	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	26.37	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	476.05	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	769.00	
	08MOD-0025 For Embossed Panel, Add	140.61	
	08MOD-0026 For Galvanized Steel, Add	87.88	
	08MOD-0027 For Baked Enamel Finish, Add	263.87	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-40.31	
	08MOD-0034 For > 100, Deduct	-58.63	
	08MOD-0037 For 2" Thick Door, Add	46.15	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	58.59	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	146.47	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0155	PR	Pair	3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	800.16	76.48
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	129.44	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	29.12	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	525.42	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	849.02	
	08MOD-0025		For Embossed Panel, Add	155.33	
	08MOD-0026		For Galvanized Steel, Add	97.08	
	08MOD-0027		For Baked Enamel Finish, Add	285.93	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-43.83	
	08MOD-0034		For > 100, Deduct	-63.84	
	08MOD-0037		For 2" Thick Door, Add	50.75	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	64.72	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	161.80	
08110-0156	PR	Pair	4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	880.53	82.60
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	143.07	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	32.19	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	580.52	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	938.19	
	08MOD-0025		For Embossed Panel, Add	171.68	
	08MOD-0026		For Galvanized Steel, Add	107.30	
	08MOD-0027		For Baked Enamel Finish, Add	313.72	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-48.16	
	08MOD-0034		For > 100, Deduct	-70.17	
	08MOD-0037		For 2" Thick Door, Add	55.99	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	71.53	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	178.83	
08110-0157			7' High (08110-0142)		
08110-0158	EA	2' x 7'	2' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	357.05	35.42
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	57.24	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	12.88	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	232.50	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	375.60	
	08MOD-0025		For Embossed Panel, Add	68.69	
	08MOD-0026		For Galvanized Steel, Add	42.93	
	08MOD-0027		For Baked Enamel Finish, Add	128.37	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-19.62	
	08MOD-0034		For > 100, Deduct	-28.55	
	08MOD-0037		For 2" Thick Door, Add	22.52	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	28.62	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.55	
08110-0159	EA	2'-4" x 7'	2'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	357.05	35.42
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	57.24	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	12.88	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	232.50	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	375.60	
	08MOD-0025		For Embossed Panel, Add	68.69	
	08MOD-0026		For Galvanized Steel, Add	42.93	
	08MOD-0027		For Baked Enamel Finish, Add	128.37	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-19.62	
	08MOD-0034		For > 100, Deduct	-28.55	
	08MOD-0037		For 2" Thick Door, Add	22.52	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	28.62	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	71.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0160 EA 2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	366.11	37.04
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	58.41	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.14	
08MOD-0023 For Type 304 Stainless Steel Door, Add	237.34	
08MOD-0024 For Type 316 Stainless Steel Door, Add	383.37	
08MOD-0025 For Embossed Panel, Add	70.09	
08MOD-0026 For Galvanized Steel, Add	43.81	
08MOD-0027 For Baked Enamel Finish, Add	132.05	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-20.16	
08MOD-0034 For > 100, Deduct	-29.31	
08MOD-0037 For 2" Thick Door, Add	23.03	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	29.21	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	73.01	
08110-0161 EA 2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	370.47	37.04
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	59.28	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.34	
08MOD-0023 For Type 304 Stainless Steel Door, Add	240.83	
08MOD-0024 For Type 316 Stainless Steel Door, Add	389.04	
08MOD-0025 For Embossed Panel, Add	71.14	
08MOD-0026 For Galvanized Steel, Add	44.46	
08MOD-0027 For Baked Enamel Finish, Add	133.36	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-20.38	
08MOD-0034 For > 100, Deduct	-29.64	
08MOD-0037 For 2" Thick Door, Add	23.34	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	29.64	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.10	
08110-0162 EA 3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	377.19	38.64
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	59.98	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.50	
08MOD-0023 For Type 304 Stainless Steel Door, Add	243.78	
08MOD-0024 For Type 316 Stainless Steel Door, Add	393.73	
08MOD-0025 For Embossed Panel, Add	71.98	
08MOD-0026 For Galvanized Steel, Add	44.99	
08MOD-0027 For Baked Enamel Finish, Add	136.34	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-20.79	
08MOD-0034 For > 100, Deduct	-30.22	
08MOD-0037 For 2" Thick Door, Add	23.68	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	29.99	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.98	
08110-0163 EA 3'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	399.85	38.64
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	64.51	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	14.52	
08MOD-0023 For Type 304 Stainless Steel Door, Add	261.91	
08MOD-0024 For Type 316 Stainless Steel Door, Add	423.19	
08MOD-0025 For Embossed Panel, Add	77.41	
08MOD-0026 For Galvanized Steel, Add	48.38	
08MOD-0027 For Baked Enamel Finish, Add	143.14	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-21.92	
08MOD-0034 For > 100, Deduct	-31.92	
08MOD-0037 For 2" Thick Door, Add	25.32	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	32.26	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	80.64	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0164	EA		3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	411.79	40.25
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	66.26	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	14.91	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	269.05	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	434.69	
	08MOD-0025		For Embossed Panel, Add	79.51	
	08MOD-0026		For Galvanized Steel, Add	49.69	
	08MOD-0027		For Baked Enamel Finish, Add	147.69	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-22.60	
	08MOD-0034		For > 100, Deduct	-32.90	
	08MOD-0037		For 2" Thick Door, Add	26.03	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	33.13	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	82.82	
08110-0165	EA		4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	453.10	43.47
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	73.23	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	16.48	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	297.27	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	480.34	
	08MOD-0025		For Embossed Panel, Add	87.88	
	08MOD-0026		For Galvanized Steel, Add	54.92	
	08MOD-0027		For Baked Enamel Finish, Add	162.02	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-24.83	
	08MOD-0034		For > 100, Deduct	-36.16	
	08MOD-0037		For 2" Thick Door, Add	28.72	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	36.62	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	91.54	
08110-0166	PR	Pair	2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	724.82	70.36
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	116.82	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	26.28	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	474.32	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	766.37	
	08MOD-0025		For Embossed Panel, Add	140.18	
	08MOD-0026		For Galvanized Steel, Add	87.62	
	08MOD-0027		For Baked Enamel Finish, Add	259.66	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-39.76	
	08MOD-0034		For > 100, Deduct	-57.88	
	08MOD-0037		For 2" Thick Door, Add	45.87	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	58.41	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	146.03	
08110-0167	PR	Pair	2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	733.54	70.36
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	118.56	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	26.68	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	481.29	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	777.70	
	08MOD-0025		For Embossed Panel, Add	142.28	
	08MOD-0026		For Galvanized Steel, Add	88.92	
	08MOD-0027		For Baked Enamel Finish, Add	262.28	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-40.20	
	08MOD-0034		For > 100, Deduct	-58.53	
	08MOD-0037		For 2" Thick Door, Add	46.50	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	59.28	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	148.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0168 PR Pair 3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	746.64	73.42
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	119.96	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	26.99	
08MOD-0023 For Type 304 Stainless Steel Door, Add	487.18	
08MOD-0024 For Type 316 Stainless Steel Door, Add	787.08	
08MOD-0025 For Embossed Panel, Add	143.95	
08MOD-0026 For Galvanized Steel, Add	89.97	
08MOD-0027 For Baked Enamel Finish, Add	268.04	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-41.00	
08MOD-0034 For > 100, Deduct	-59.67	
08MOD-0037 For 2" Thick Door, Add	47.16	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	59.98	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	149.95	
08110-0169 PR Pair 3'-6" x 7" x 1-3/4" 18 Gauge Metal Door (Unrated).....	815.52	76.48
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	132.51	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	29.82	
08MOD-0023 For Type 304 Stainless Steel Door, Add	537.70	
08MOD-0024 For Type 316 Stainless Steel Door, Add	868.99	
08MOD-0025 For Embossed Panel, Add	159.02	
08MOD-0026 For Galvanized Steel, Add	99.39	
08MOD-0027 For Baked Enamel Finish, Add	290.54	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-44.60	
08MOD-0034 For > 100, Deduct	-64.99	
08MOD-0037 For 2" Thick Door, Add	51.86	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	66.26	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	165.64	
08110-0170 PR Pair 4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	897.51	82.60
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	146.46	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	32.95	
08MOD-0023 For Type 304 Stainless Steel Door, Add	594.11	
08MOD-0024 For Type 316 Stainless Steel Door, Add	960.26	
08MOD-0025 For Embossed Panel, Add	175.75	
08MOD-0026 For Galvanized Steel, Add	109.85	
08MOD-0027 For Baked Enamel Finish, Add	318.81	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-49.01	
08MOD-0034 For > 100, Deduct	-71.44	
08MOD-0037 For 2" Thick Door, Add	57.22	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	73.23	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	183.08	
08110-0171 7'-2" High <small>(08110-0142)</small>		
08110-0172 EA 2' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	363.68	35.42
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	58.57	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	13.18	
08MOD-0023 For Type 304 Stainless Steel Door, Add	237.81	
08MOD-0024 For Type 316 Stainless Steel Door, Add	384.22	
08MOD-0025 For Embossed Panel, Add	70.28	
08MOD-0026 For Galvanized Steel, Add	43.92	
08MOD-0027 For Baked Enamel Finish, Add	130.36	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-19.96	
08MOD-0034 For > 100, Deduct	-29.05	
08MOD-0037 For 2" Thick Door, Add	23.00	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	29.28	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	73.21	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0173	EA	2'-4" x 7'-2" x 1-3/4"	18 Gauge Metal Door (Unrated)	363.68	35.42
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	58.57	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	13.18	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	237.81	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	384.22	
	08MOD-0025		For Embossed Panel, Add	70.28	
	08MOD-0026		For Galvanized Steel, Add	43.92	
	08MOD-0027		For Baked Enamel Finish, Add	130.36	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-19.96	
	08MOD-0034		For > 100, Deduct	-29.05	
	08MOD-0037		For 2" Thick Door, Add	23.00	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	29.28	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	73.21	
08110-0174	EA	2'-6" x 7'-2" x 1-3/4"	18 Gauge Metal Door (Unrated)	372.88	37.04
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	59.76	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	13.45	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	242.76	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	392.17	
	08MOD-0025		For Embossed Panel, Add	71.72	
	08MOD-0026		For Galvanized Steel, Add	44.82	
	08MOD-0027		For Baked Enamel Finish, Add	134.08	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-20.50	
	08MOD-0034		For > 100, Deduct	-29.82	
	08MOD-0037		For 2" Thick Door, Add	23.52	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	29.88	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	74.71	
08110-0175	EA	2'-8" x 7'-2" x 1-3/4"	18 Gauge Metal Door (Unrated)	377.34	37.04
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	60.66	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	13.65	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	246.33	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	397.97	
	08MOD-0025		For Embossed Panel, Add	72.79	
	08MOD-0026		For Galvanized Steel, Add	45.49	
	08MOD-0027		For Baked Enamel Finish, Add	135.42	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-20.72	
	08MOD-0034		For > 100, Deduct	-30.15	
	08MOD-0037		For 2" Thick Door, Add	23.84	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	30.33	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	75.82	
08110-0176	EA	3' x 7'-2" x 1-3/4"	18 Gauge Metal Door (Unrated)	384.14	38.64
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	61.37	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	13.81	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	249.34	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	402.77	
	08MOD-0025		For Embossed Panel, Add	73.64	
	08MOD-0026		For Galvanized Steel, Add	46.03	
	08MOD-0027		For Baked Enamel Finish, Add	138.43	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-21.14	
	08MOD-0034		For > 100, Deduct	-30.74	
	08MOD-0037		For 2" Thick Door, Add	24.18	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	30.69	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	76.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0177 EA 3'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	407.33	38.64
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	66.01	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	14.85	
08MOD-0023 For Type 304 Stainless Steel Door, Add	267.90	
08MOD-0024 For Type 316 Stainless Steel Door, Add	432.92	
08MOD-0025 For Embossed Panel, Add	79.21	
08MOD-0026 For Galvanized Steel, Add	49.51	
08MOD-0027 For Baked Enamel Finish, Add	145.39	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-22.30	
08MOD-0034 For > 100, Deduct	-32.48	
08MOD-0037 For 2" Thick Door, Add	25.86	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	33.00	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	82.51	
08110-0178 EA 3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	419.47	40.25
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	67.79	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	15.25	
08MOD-0023 For Type 304 Stainless Steel Door, Add	275.19	
08MOD-0024 For Type 316 Stainless Steel Door, Add	444.67	
08MOD-0025 For Embossed Panel, Add	81.35	
08MOD-0026 For Galvanized Steel, Add	50.84	
08MOD-0027 For Baked Enamel Finish, Add	149.99	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-22.99	
08MOD-0034 For > 100, Deduct	-33.47	
08MOD-0037 For 2" Thick Door, Add	26.59	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	33.90	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	84.74	
08110-0179 EA 4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	461.59	43.47
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	74.93	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	16.86	
08MOD-0023 For Type 304 Stainless Steel Door, Add	304.06	
08MOD-0024 For Type 316 Stainless Steel Door, Add	491.38	
08MOD-0025 For Embossed Panel, Add	89.91	
08MOD-0026 For Galvanized Steel, Add	56.20	
08MOD-0027 For Baked Enamel Finish, Add	164.56	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-25.25	
08MOD-0034 For > 100, Deduct	-36.79	
08MOD-0037 For 2" Thick Door, Add	29.34	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	37.46	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	93.66	
08110-0180 PR Pair 2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	738.37	70.36
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	119.53	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	26.89	
08MOD-0023 For Type 304 Stainless Steel Door, Add	485.16	
08MOD-0024 For Type 316 Stainless Steel Door, Add	783.98	
08MOD-0025 For Embossed Panel, Add	143.44	
08MOD-0026 For Galvanized Steel, Add	89.65	
08MOD-0027 For Baked Enamel Finish, Add	263.73	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-40.44	
08MOD-0034 For > 100, Deduct	-58.90	
08MOD-0037 For 2" Thick Door, Add	46.85	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	59.77	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	149.41	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0181	PR	Pair	2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	747.29	70.36
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	121.31	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	27.30	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	492.29	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	795.58	
	08MOD-0025		For Embossed Panel, Add	145.58	
	08MOD-0026		For Galvanized Steel, Add	90.99	
	08MOD-0027		For Baked Enamel Finish, Add	266.40	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-40.88	
	08MOD-0034		For > 100, Deduct	-59.56	
	08MOD-0037		For 2" Thick Door, Add	47.49	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	60.66	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	151.64	
08110-0182	PR	Pair	3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	760.54	73.42
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	122.74	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	27.62	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	498.30	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	805.15	
	08MOD-0025		For Embossed Panel, Add	147.29	
	08MOD-0026		For Galvanized Steel, Add	92.06	
	08MOD-0027		For Baked Enamel Finish, Add	272.21	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-41.70	
	08MOD-0034		For > 100, Deduct	-60.71	
	08MOD-0037		For 2" Thick Door, Add	48.16	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	61.37	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	153.43	
08110-0183	PR	Pair	3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	830.88	76.48
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	135.59	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	30.51	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	549.99	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	888.96	
	08MOD-0025		For Embossed Panel, Add	162.70	
	08MOD-0026		For Galvanized Steel, Add	101.69	
	08MOD-0027		For Baked Enamel Finish, Add	295.15	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-45.37	
	08MOD-0034		For > 100, Deduct	-66.14	
	08MOD-0037		For 2" Thick Door, Add	52.97	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	67.79	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	169.48	
08110-0184	PR	Pair	4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	914.49	82.60
	08MOD-0018		For 18 Gauge, Grade II, Heavy Duty, Add	149.86	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	33.72	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	607.69	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	982.34	
	08MOD-0025		For Embossed Panel, Add	179.83	
	08MOD-0026		For Galvanized Steel, Add	112.39	
	08MOD-0027		For Baked Enamel Finish, Add	323.91	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-49.85	
	08MOD-0034		For > 100, Deduct	-72.72	
	08MOD-0037		For 2" Thick Door, Add	58.45	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	74.93	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	187.32	

08110-0185 8' High (08110-0142)



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0186 EA 2' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	418.41	35.42
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	69.51	
08MOD-0021 For 1' To 1'-6" Extra Height, Add	183.48	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	15.64	
08MOD-0023 For Type 304 Stainless Steel Door, Add	281.59	
08MOD-0024 For Type 316 Stainless Steel Door, Add	455.37	
08MOD-0025 For Embossed Panel, Add	83.41	
08MOD-0026 For Galvanized Steel, Add	52.13	
08MOD-0027 For Baked Enamel Finish, Add	146.78	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-22.69	
08MOD-0034 For > 100, Deduct	-33.15	
08MOD-0035 For Up To 1' Extra Height, Add	96.17	
08MOD-0037 For 2" Thick Door, Add	26.97	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	34.76	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	86.89	
08110-0187 EA 2'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	418.41	35.42
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	69.51	
08MOD-0021 For 1' To 1'-6" Extra Height, Add	183.48	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	15.64	
08MOD-0023 For Type 304 Stainless Steel Door, Add	281.59	
08MOD-0024 For Type 316 Stainless Steel Door, Add	455.37	
08MOD-0025 For Embossed Panel, Add	83.41	
08MOD-0026 For Galvanized Steel, Add	52.13	
08MOD-0027 For Baked Enamel Finish, Add	146.78	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-22.69	
08MOD-0034 For > 100, Deduct	-33.15	
08MOD-0035 For Up To 1' Extra Height, Add	96.17	
08MOD-0037 For 2" Thick Door, Add	26.97	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	34.76	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	86.89	
08110-0188 EA 2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	428.73	37.04
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	70.93	
08MOD-0021 For 1' To 1'-6" Extra Height, Add	187.23	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	15.96	
08MOD-0023 For Type 304 Stainless Steel Door, Add	287.44	
08MOD-0024 For Type 316 Stainless Steel Door, Add	464.77	
08MOD-0025 For Embossed Panel, Add	85.12	
08MOD-0026 For Galvanized Steel, Add	53.20	
08MOD-0027 For Baked Enamel Finish, Add	150.84	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-23.29	
08MOD-0034 For > 100, Deduct	-34.01	
08MOD-0035 For Up To 1' Extra Height, Add	98.14	
08MOD-0037 For 2" Thick Door, Add	27.57	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	35.47	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	88.67	
08110-0189 EA 2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	434.03	37.04
08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	71.99	
08MOD-0021 For 1' To 1'-6" Extra Height, Add	190.03	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	16.20	
08MOD-0023 For Type 304 Stainless Steel Door, Add	291.68	
08MOD-0024 For Type 316 Stainless Steel Door, Add	471.66	
08MOD-0025 For Embossed Panel, Add	86.39	
08MOD-0026 For Galvanized Steel, Add	54.00	
08MOD-0027 For Baked Enamel Finish, Add	152.43	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-23.55	
08MOD-0034 For > 100, Deduct	-34.40	
08MOD-0035 For Up To 1' Extra Height, Add	99.60	
08MOD-0037 For 2" Thick Door, Add	27.95	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	36.00	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	89.99	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0190	EA	3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	441.49	38.64
	08MOD-0018	For 18 Gauge, Grade II, Heavy Duty, Add	72.84	
	08MOD-0021	For 1' To 1'-6" Extra Height, Add	192.26	
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	16.39	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	295.22	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	477.32	
	08MOD-0025	For Embossed Panel, Add	87.41	
	08MOD-0026	For Galvanized Steel, Add	54.63	
	08MOD-0027	For Baked Enamel Finish, Add	155.63	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-24.01	
	08MOD-0034	For > 100, Deduct	-35.04	
	08MOD-0035	For Up To 1' Extra Height, Add	100.77	
	08MOD-0037	For 2" Thick Door, Add	28.34	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	36.42	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	91.05	
08110-0191	EA	3'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	469.02	38.64
	08MOD-0018	For 18 Gauge, Grade II, Heavy Duty, Add	78.35	
	08MOD-0021	For 1' To 1'-6" Extra Height, Add	206.79	
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	17.63	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	317.25	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	513.11	
	08MOD-0025	For Embossed Panel, Add	94.02	
	08MOD-0026	For Galvanized Steel, Add	58.76	
	08MOD-0027	For Baked Enamel Finish, Add	163.89	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-25.38	
	08MOD-0034	For > 100, Deduct	-37.11	
	08MOD-0035	For Up To 1' Extra Height, Add	108.39	
	08MOD-0037	For 2" Thick Door, Add	30.33	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	39.17	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	97.93	
08110-0192	EA	3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	482.82	40.25
	08MOD-0018	For 18 Gauge, Grade II, Heavy Duty, Add	80.46	
	08MOD-0021	For 1' To 1'-6" Extra Height, Add	212.38	
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	18.10	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	325.87	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	527.03	
	08MOD-0025	For Embossed Panel, Add	96.55	
	08MOD-0026	For Galvanized Steel, Add	60.35	
	08MOD-0027	For Baked Enamel Finish, Add	169.00	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-26.15	
	08MOD-0034	For > 100, Deduct	-38.22	
	08MOD-0035	For Up To 1' Extra Height, Add	111.32	
	08MOD-0037	For 2" Thick Door, Add	31.18	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	40.23	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	100.58	
08110-0193	EA	4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	531.61	43.47
	08MOD-0018	For 18 Gauge, Grade II, Heavy Duty, Add	88.93	
	08MOD-0021	For 1' To 1'-6" Extra Height, Add	234.74	
	08MOD-0022	For Composite Door Instead Of Full Panel Door, Add	20.01	
	08MOD-0023	For Type 304 Stainless Steel Door, Add	360.08	
	08MOD-0024	For Type 316 Stainless Steel Door, Add	582.41	
	08MOD-0025	For Embossed Panel, Add	106.72	
	08MOD-0026	For Galvanized Steel, Add	66.70	
	08MOD-0027	For Baked Enamel Finish, Add	185.57	
	08MOD-0028	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029	For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033	For > 50 To 100, Deduct	-28.75	
	08MOD-0034	For > 100, Deduct	-42.04	
	08MOD-0035	For Up To 1' Extra Height, Add	123.04	
	08MOD-0037	For 2" Thick Door, Add	34.41	
	08MOD-0038	For Insulated Door (Polystyrene Core), Add	44.47	
	08MOD-0039	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	111.17	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0194	PR Pair 2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	850.06	70.36
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	141.87	
	08MOD-0021 For 1' To 1'-6" Extra Height, Add	374.46	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	31.92	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	574.51	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	929.18	
	08MOD-0025 For Embossed Panel, Add	170.24	
	08MOD-0026 For Galvanized Steel, Add	106.40	
	08MOD-0027 For Baked Enamel Finish, Add	297.23	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-46.02	
	08MOD-0034 For > 100, Deduct	-67.27	
	08MOD-0035 For Up To 1' Extra Height, Add	196.27	
	08MOD-0037 For 2" Thick Door, Add	54.95	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	70.93	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	177.34	
08110-0195	PR Pair 2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	860.65	70.36
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	143.99	
	08MOD-0021 For 1' To 1'-6" Extra Height, Add	380.05	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	32.40	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	582.98	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	942.95	
	08MOD-0025 For Embossed Panel, Add	172.78	
	08MOD-0026 For Galvanized Steel, Add	107.99	
	08MOD-0027 For Baked Enamel Finish, Add	300.41	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-46.55	
	08MOD-0034 For > 100, Deduct	-68.07	
	08MOD-0035 For Up To 1' Extra Height, Add	199.20	
	08MOD-0037 For 2" Thick Door, Add	55.71	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	71.99	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	179.98	
08110-0196	PR Pair 3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	875.24	73.42
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	145.68	
	08MOD-0021 For 1' To 1'-6" Extra Height, Add	384.52	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	32.78	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	590.06	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	954.26	
	08MOD-0025 For Embossed Panel, Add	174.82	
	08MOD-0026 For Galvanized Steel, Add	109.26	
	08MOD-0027 For Baked Enamel Finish, Add	306.62	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-47.43	
	08MOD-0034 For > 100, Deduct	-69.31	
	08MOD-0035 For Up To 1' Extra Height, Add	201.55	
	08MOD-0037 For 2" Thick Door, Add	56.48	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	72.84	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	182.10	
08110-0197	PR Pair 3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	957.58	76.48
	08MOD-0018 For 18 Gauge, Grade II, Heavy Duty, Add	160.93	
	08MOD-0021 For 1' To 1'-6" Extra Height, Add	424.76	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	36.21	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	651.35	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,053.67	
	08MOD-0025 For Embossed Panel, Add	193.11	
	08MOD-0026 For Galvanized Steel, Add	120.69	
	08MOD-0027 For Baked Enamel Finish, Add	333.16	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-51.70	
	08MOD-0034 For > 100, Deduct	-75.64	
	08MOD-0035 For Up To 1' Extra Height, Add	222.64	
	08MOD-0037 For 2" Thick Door, Add	62.16	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	80.46	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	201.16	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0198	PR	Pair	4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	1,054.52	82.60
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	40.02	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	719.72	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,164.38	
	08MOD-0025		For Embossed Panel, Add	213.44	
	08MOD-0026		For Galvanized Steel, Add	133.40	
	08MOD-0027		For Baked Enamel Finish, Add	365.92	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-56.86	
	08MOD-0034		For > 100, Deduct	-83.22	
	08MOD-0037		For 2" Thick Door, Add	68.61	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	88.93	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	222.33	
08110-0199			16 Gauge 1-3/4" Unrated Door (08110-0098)		
08110-0200			6'-8" High (08110-0199)		
08110-0201	EA	2' x 6'-8" x 1-3/4"	16 Gauge Metal Door (Unrated).....	458.05	35.42
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	116.16	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	154.88	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	17.42	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	313.30	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	506.90	
	08MOD-0025		For Embossed Panel, Add	92.93	
	08MOD-0026		For Galvanized Steel, Add	58.08	
	08MOD-0027		For Baked Enamel Finish, Add	158.67	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-24.67	
	08MOD-0034		For > 100, Deduct	-36.13	
	08MOD-0037		For 2" Thick Door, Add	29.84	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	38.72	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	96.80	
08110-0202	EA	2'-4" x 6'-8" x 1-3/4"	16 Gauge Metal Door (Unrated).....	458.05	35.42
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	116.16	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	154.88	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	17.42	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	313.30	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	506.90	
	08MOD-0025		For Embossed Panel, Add	92.93	
	08MOD-0026		For Galvanized Steel, Add	58.08	
	08MOD-0027		For Baked Enamel Finish, Add	158.67	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-24.67	
	08MOD-0034		For > 100, Deduct	-36.13	
	08MOD-0037		For 2" Thick Door, Add	29.84	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	38.72	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	96.80	
08110-0203	EA	2'-6" x 6'-8" x 1-3/4"	16 Gauge Metal Door (Unrated).....	469.18	37.04
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	118.54	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	158.05	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	17.78	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	319.80	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	517.36	
	08MOD-0025		For Embossed Panel, Add	94.83	
	08MOD-0026		For Galvanized Steel, Add	59.27	
	08MOD-0027		For Baked Enamel Finish, Add	162.97	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-25.31	
	08MOD-0034		For > 100, Deduct	-37.04	
	08MOD-0037		For 2" Thick Door, Add	30.50	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	39.51	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	98.78	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0204	EA 2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	475.07	37.04
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	120.30	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	160.40	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	18.05	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	324.51	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	525.02	
	08MOD-0025 For Embossed Panel, Add	96.24	
	08MOD-0026 For Galvanized Steel, Add	60.15	
	08MOD-0027 For Baked Enamel Finish, Add	164.74	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-25.61	
	08MOD-0034 For > 100, Deduct	-37.48	
	08MOD-0037 For 2" Thick Door, Add	30.92	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	40.10	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	100.25	
08110-0205	EA 3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	483.02	38.64
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	121.72	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	162.29	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	18.26	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	328.45	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	531.31	
	08MOD-0025 For Embossed Panel, Add	97.38	
	08MOD-0026 For Galvanized Steel, Add	60.86	
	08MOD-0027 For Baked Enamel Finish, Add	168.09	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-26.08	
	08MOD-0034 For > 100, Deduct	-38.16	
	08MOD-0037 For 2" Thick Door, Add	31.35	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	40.57	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	101.43	
08110-0206	EA 3'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	513.69	38.64
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	130.92	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	174.56	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	19.64	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	352.98	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	571.18	
	08MOD-0025 For Embossed Panel, Add	104.74	
	08MOD-0026 For Galvanized Steel, Add	65.46	
	08MOD-0027 For Baked Enamel Finish, Add	177.29	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-27.62	
	08MOD-0034 For > 100, Deduct	-40.46	
	08MOD-0037 For 2" Thick Door, Add	33.57	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	43.64	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	109.10	
08110-0207	EA 3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	528.70	40.25
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	134.46	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	179.28	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	20.17	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	362.58	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	586.67	
	08MOD-0025 For Embossed Panel, Add	107.57	
	08MOD-0026 For Galvanized Steel, Add	67.23	
	08MOD-0027 For Baked Enamel Finish, Add	182.76	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-28.45	
	08MOD-0034 For > 100, Deduct	-41.67	
	08MOD-0037 For 2" Thick Door, Add	34.51	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	44.82	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	112.05	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0208	EA		4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	582.32	43.47
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	148.61	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	198.15	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	22.29	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	400.64	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	648.33	
	08MOD-0025		For Embossed Panel, Add	118.89	
	08MOD-0026		For Galvanized Steel, Add	74.31	
	08MOD-0027		For Baked Enamel Finish, Add	200.78	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-31.29	
	08MOD-0034		For > 100, Deduct	-45.85	
	08MOD-0037		For 2" Thick Door, Add	38.09	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	49.54	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	123.84	
08110-0209	PR	Pair	2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	930.95	70.36
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	237.07	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	316.09	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	35.56	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	639.22	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,034.34	
	08MOD-0025		For Embossed Panel, Add	189.66	
	08MOD-0026		For Galvanized Steel, Add	118.53	
	08MOD-0027		For Baked Enamel Finish, Add	321.50	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-50.07	
	08MOD-0034		For > 100, Deduct	-73.34	
	08MOD-0037		For 2" Thick Door, Add	60.81	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	79.02	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	197.56	
08110-0210	PR	Pair	2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	942.74	70.36
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	240.61	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	320.81	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	36.09	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	648.65	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,049.66	
	08MOD-0025		For Embossed Panel, Add	192.48	
	08MOD-0026		For Galvanized Steel, Add	120.30	
	08MOD-0027		For Baked Enamel Finish, Add	325.04	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-50.66	
	08MOD-0034		For > 100, Deduct	-74.22	
	08MOD-0037		For 2" Thick Door, Add	61.66	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	80.20	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	200.51	
08110-0211	PR	Pair	3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	958.30	73.42
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	243.44	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	324.58	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	36.52	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	656.51	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,062.24	
	08MOD-0025		For Embossed Panel, Add	194.75	
	08MOD-0026		For Galvanized Steel, Add	121.72	
	08MOD-0027		For Baked Enamel Finish, Add	331.54	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-51.59	
	08MOD-0034		For > 100, Deduct	-75.54	
	08MOD-0037		For 2" Thick Door, Add	62.50	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	81.15	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	202.87	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0212	PR Pair 3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,049.33	76.48
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	268.91	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	358.55	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	40.34	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	724.75	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,172.94	
	08MOD-0025 For Embossed Panel, Add	215.13	
	08MOD-0026 For Galvanized Steel, Add	134.46	
	08MOD-0027 For Baked Enamel Finish, Add	360.68	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-56.29	
	08MOD-0034 For > 100, Deduct	-82.52	
	08MOD-0037 For 2" Thick Door, Add	68.81	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	89.64	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	224.10	
08110-0213	PR Pair 4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,155.94	82.60
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	297.22	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	396.30	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	44.58	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	800.85	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,296.22	
	08MOD-0025 For Embossed Panel, Add	237.78	
	08MOD-0026 For Galvanized Steel, Add	148.61	
	08MOD-0027 For Baked Enamel Finish, Add	396.34	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-61.93	
	08MOD-0034 For > 100, Deduct	-90.83	
	08MOD-0037 For 2" Thick Door, Add	75.96	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	99.07	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	247.69	
08110-0214	7' High <small>(08110-0199)</small>		
08110-0215	EA 2' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	467.24	35.42
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	118.92	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	158.56	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	17.84	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	320.65	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	518.85	
	08MOD-0025 For Embossed Panel, Add	95.13	
	08MOD-0026 For Galvanized Steel, Add	59.46	
	08MOD-0027 For Baked Enamel Finish, Add	161.43	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-25.13	
	08MOD-0034 For > 100, Deduct	-36.81	
	08MOD-0037 For 2" Thick Door, Add	30.51	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	39.64	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	99.10	
08110-0216	EA 2'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	467.24	35.42
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	118.92	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	158.56	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	17.84	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	320.65	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	518.85	
	08MOD-0025 For Embossed Panel, Add	95.13	
	08MOD-0026 For Galvanized Steel, Add	59.46	
	08MOD-0027 For Baked Enamel Finish, Add	161.43	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-25.13	
	08MOD-0034 For > 100, Deduct	-36.81	
	08MOD-0037 For 2" Thick Door, Add	30.51	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	39.64	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	99.10	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0217	EA	2'-6"	x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	478.55	37.04
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	121.35	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	161.80	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	18.20	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	327.30	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	529.54	
	08MOD-0025		For Embossed Panel, Add	97.08	
	08MOD-0026		For Galvanized Steel, Add	60.67	
	08MOD-0027		For Baked Enamel Finish, Add	165.78	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-25.78	
	08MOD-0034		For > 100, Deduct	-37.74	
	08MOD-0037		For 2" Thick Door, Add	31.18	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	40.45	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	101.12	
08110-0218	EA	2'-8"	x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	484.59	37.04
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	123.16	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	164.21	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	18.47	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	332.13	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	537.39	
	08MOD-0025		For Embossed Panel, Add	98.53	
	08MOD-0026		For Galvanized Steel, Add	61.58	
	08MOD-0027		For Baked Enamel Finish, Add	167.60	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-26.08	
	08MOD-0034		For > 100, Deduct	-38.20	
	08MOD-0037		For 2" Thick Door, Add	31.61	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	41.05	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	102.63	
08110-0219	EA	3' x 7'	x 1-3/4" 16 Gauge Metal Door (Unrated).....	492.65	38.64
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	124.61	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	166.14	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	18.69	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	336.15	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	543.83	
	08MOD-0025		For Embossed Panel, Add	99.69	
	08MOD-0026		For Galvanized Steel, Add	62.30	
	08MOD-0027		For Baked Enamel Finish, Add	170.98	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-26.56	
	08MOD-0034		For > 100, Deduct	-38.88	
	08MOD-0037		For 2" Thick Door, Add	32.05	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	41.54	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	103.84	
08110-0220	EA	3'-4"	x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	524.04	38.64
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	134.03	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	178.70	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	20.10	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	361.26	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	584.64	
	08MOD-0025		For Embossed Panel, Add	107.22	
	08MOD-0026		For Galvanized Steel, Add	67.01	
	08MOD-0027		For Baked Enamel Finish, Add	180.40	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-28.13	
	08MOD-0034		For > 100, Deduct	-41.24	
	08MOD-0037		For 2" Thick Door, Add	34.32	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	44.68	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	111.69	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0221	EA 3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	539.34	40.25
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	137.65	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	183.53	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	20.65	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	371.09	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	600.50	
	08MOD-0025 For Embossed Panel, Add	110.12	
	08MOD-0026 For Galvanized Steel, Add	68.82	
	08MOD-0027 For Baked Enamel Finish, Add	185.96	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-28.98	
	08MOD-0034 For > 100, Deduct	-42.46	
	08MOD-0037 For 2" Thick Door, Add	35.28	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	45.88	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	114.71	
08110-0222	EA 4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	594.07	43.47
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	152.14	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	202.85	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	22.82	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	410.04	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	663.60	
	08MOD-0025 For Embossed Panel, Add	121.71	
	08MOD-0026 For Galvanized Steel, Add	76.07	
	08MOD-0027 For Baked Enamel Finish, Add	204.31	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-31.88	
	08MOD-0034 For > 100, Deduct	-46.73	
	08MOD-0037 For 2" Thick Door, Add	38.94	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	50.71	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	126.78	
08110-0223	PR Pair 2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	949.70	70.36
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	242.69	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	323.59	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	36.40	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	654.22	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,058.71	
	08MOD-0025 For Embossed Panel, Add	194.16	
	08MOD-0026 For Galvanized Steel, Add	121.35	
	08MOD-0027 For Baked Enamel Finish, Add	327.13	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-51.00	
	08MOD-0034 For > 100, Deduct	-74.75	
	08MOD-0037 For 2" Thick Door, Add	62.17	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	80.90	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	202.25	
08110-0224	PR Pair 2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	961.78	70.36
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	246.32	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	328.42	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	36.95	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	663.88	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,074.41	
	08MOD-0025 For Embossed Panel, Add	197.05	
	08MOD-0026 For Galvanized Steel, Add	123.16	
	08MOD-0027 For Baked Enamel Finish, Add	330.75	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-51.61	
	08MOD-0034 For > 100, Deduct	-75.65	
	08MOD-0037 For 2" Thick Door, Add	63.04	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	82.11	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	205.27	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08110-0225	PR Pair 3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	977.56	73.42
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	249.22	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	332.29	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	37.38	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	671.92	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,087.28	
	08MOD-0025 For Embossed Panel, Add	199.37	
	08MOD-0026 For Galvanized Steel, Add	124.61	
	08MOD-0027 For Baked Enamel Finish, Add	337.32	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-52.55	
	08MOD-0034 For > 100, Deduct	-76.99	
	08MOD-0037 For 2" Thick Door, Add	63.90	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	83.07	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	207.68	
08110-0226	PR Pair 3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,070.60	76.48
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	275.30	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	367.06	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	41.29	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	741.77	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,200.59	
	08MOD-0025 For Embossed Panel, Add	220.24	
	08MOD-0026 For Galvanized Steel, Add	137.65	
	08MOD-0027 For Baked Enamel Finish, Add	367.07	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-57.35	
	08MOD-0034 For > 100, Deduct	-84.12	
	08MOD-0037 For 2" Thick Door, Add	70.35	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	91.77	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	229.41	
08110-0227	PR Pair 4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,179.45	82.60
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	304.28	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	405.70	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	45.64	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	819.66	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,326.79	
	08MOD-0025 For Embossed Panel, Add	243.42	
	08MOD-0026 For Galvanized Steel, Add	152.14	
	08MOD-0027 For Baked Enamel Finish, Add	403.40	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-63.10	
	08MOD-0034 For > 100, Deduct	-92.59	
	08MOD-0037 For 2" Thick Door, Add	77.66	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	101.43	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	253.56	
08110-0228	7'-2" High (08110-0199)		
08110-0229	EA 2' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	476.43	35.42
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	121.67	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	162.23	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	18.25	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	328.01	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	530.80	
	08MOD-0025 For Embossed Panel, Add	97.34	
	08MOD-0026 For Galvanized Steel, Add	60.84	
	08MOD-0027 For Baked Enamel Finish, Add	164.18	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-25.59	
	08MOD-0034 For > 100, Deduct	-37.50	
	08MOD-0037 For 2" Thick Door, Add	31.18	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	40.56	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	101.40	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0230	EA 2'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	476.43	35.42
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	121.67	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	162.23	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	18.25	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	328.01	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	530.80	
	08MOD-0025 For Embossed Panel, Add	97.34	
	08MOD-0026 For Galvanized Steel, Add	60.84	
	08MOD-0027 For Baked Enamel Finish, Add	164.18	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-25.59	
	08MOD-0034 For > 100, Deduct	-37.50	
	08MOD-0037 For 2" Thick Door, Add	31.18	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	40.56	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	101.40	
08110-0231	EA 2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	487.93	37.04
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	124.16	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	165.55	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	18.62	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	334.80	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	541.73	
	08MOD-0025 For Embossed Panel, Add	99.33	
	08MOD-0026 For Galvanized Steel, Add	62.08	
	08MOD-0027 For Baked Enamel Finish, Add	168.60	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-26.25	
	08MOD-0034 For > 100, Deduct	-38.45	
	08MOD-0037 For 2" Thick Door, Add	31.86	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	41.39	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	103.47	
08110-0232	EA 2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	494.11	37.04
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	126.02	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	168.02	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	18.90	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	339.74	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	549.77	
	08MOD-0025 For Embossed Panel, Add	100.81	
	08MOD-0026 For Galvanized Steel, Add	63.01	
	08MOD-0027 For Baked Enamel Finish, Add	170.45	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-26.56	
	08MOD-0034 For > 100, Deduct	-38.91	
	08MOD-0037 For 2" Thick Door, Add	32.31	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	42.01	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	105.01	
08110-0233	EA 3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	502.28	38.64
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	127.50	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	170.00	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	19.12	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	343.86	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	556.35	
	08MOD-0025 For Embossed Panel, Add	102.00	
	08MOD-0026 For Galvanized Steel, Add	63.75	
	08MOD-0027 For Baked Enamel Finish, Add	173.87	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-27.05	
	08MOD-0034 For > 100, Deduct	-39.60	
	08MOD-0037 For 2" Thick Door, Add	32.74	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	42.50	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	106.25	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0234	EA	3'-4"	x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	534.40	38.64
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	137.13	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	182.84	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	20.57	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	369.55	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	598.11	
	08MOD-0025		For Embossed Panel, Add	109.71	
	08MOD-0026		For Galvanized Steel, Add	68.57	
	08MOD-0027		For Baked Enamel Finish, Add	183.51	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-28.65	
	08MOD-0034		For > 100, Deduct	-42.01	
	08MOD-0037		For 2" Thick Door, Add	35.07	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	45.71	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	114.28	
08110-0235	EA	3'-6"	x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	549.97	40.25
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	140.84	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	187.78	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	21.13	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	379.59	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	614.32	
	08MOD-0025		For Embossed Panel, Add	112.67	
	08MOD-0026		For Galvanized Steel, Add	70.42	
	08MOD-0027		For Baked Enamel Finish, Add	189.14	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-29.51	
	08MOD-0034		For > 100, Deduct	-43.26	
	08MOD-0037		For 2" Thick Door, Add	36.05	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	46.95	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	117.37	
08110-0236	EA	4' x 7'-2"	x 1-3/4" 16 Gauge Metal Door (Unrated)	605.83	43.47
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	155.66	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	207.55	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	23.35	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	419.45	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	678.89	
	08MOD-0025		For Embossed Panel, Add	124.53	
	08MOD-0026		For Galvanized Steel, Add	77.83	
	08MOD-0027		For Baked Enamel Finish, Add	207.83	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-32.47	
	08MOD-0034		For > 100, Deduct	-47.61	
	08MOD-0037		For 2" Thick Door, Add	39.79	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	51.89	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	129.72	
08110-0237	PR	Pair 2'-6"	x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	968.46	70.36
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	248.32	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	331.10	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	37.25	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	669.23	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,083.10	
	08MOD-0025		For Embossed Panel, Add	198.66	
	08MOD-0026		For Galvanized Steel, Add	124.16	
	08MOD-0027		For Baked Enamel Finish, Add	332.75	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-51.94	
	08MOD-0034		For > 100, Deduct	-76.15	
	08MOD-0037		For 2" Thick Door, Add	63.53	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	82.77	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	206.94	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0238	PR Pair 2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	980.81	70.36
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	252.03	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	336.04	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	37.80	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	679.11	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,099.15	
	08MOD-0025 For Embossed Panel, Add	201.62	
	08MOD-0026 For Galvanized Steel, Add	126.01	
	08MOD-0027 For Baked Enamel Finish, Add	336.46	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-52.56	
	08MOD-0034 For > 100, Deduct	-77.08	
	08MOD-0037 For 2" Thick Door, Add	64.42	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	84.01	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	210.02	
08110-0239	PR Pair 3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	996.82	73.42
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	254.99	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	339.99	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	38.25	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	687.33	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,112.32	
	08MOD-0025 For Embossed Panel, Add	204.00	
	08MOD-0026 For Galvanized Steel, Add	127.50	
	08MOD-0027 For Baked Enamel Finish, Add	343.10	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-53.51	
	08MOD-0034 For > 100, Deduct	-78.43	
	08MOD-0037 For 2" Thick Door, Add	65.29	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	85.00	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	212.50	
08110-0240	PR Pair 3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,091.88	76.48
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	281.68	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	375.57	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	42.25	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	758.79	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,228.26	
	08MOD-0025 For Embossed Panel, Add	225.34	
	08MOD-0026 For Galvanized Steel, Add	140.84	
	08MOD-0027 For Baked Enamel Finish, Add	373.45	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-58.42	
	08MOD-0034 For > 100, Deduct	-85.71	
	08MOD-0037 For 2" Thick Door, Add	71.90	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	93.89	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	234.73	
08110-0241	PR Pair 4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,202.96	82.60
	08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	311.33	
	08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	415.10	
	08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	46.70	
	08MOD-0023 For Type 304 Stainless Steel Door, Add	838.47	
	08MOD-0024 For Type 316 Stainless Steel Door, Add	1,357.35	
	08MOD-0025 For Embossed Panel, Add	249.06	
	08MOD-0026 For Galvanized Steel, Add	155.66	
	08MOD-0027 For Baked Enamel Finish, Add	410.45	
	08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033 For > 50 To 100, Deduct	-64.28	
	08MOD-0034 For > 100, Deduct	-94.35	
	08MOD-0037 For 2" Thick Door, Add	79.37	
	08MOD-0038 For Insulated Door (Polystyrene Core), Add	103.78	
	08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	259.44	

08110-0242 8' High (08110-0199)

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0243	EA		2' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	552.22	35.42
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	144.41	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	192.55	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	21.66	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	388.64	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	629.32	
	08MOD-0025		For Embossed Panel, Add	115.53	
	08MOD-0026		For Galvanized Steel, Add	72.21	
	08MOD-0027		For Baked Enamel Finish, Add	186.92	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-29.38	
	08MOD-0034		For > 100, Deduct	-43.19	
	08MOD-0036		For Up To 1' Extra Height, Add	133.20	
	08MOD-0037		For 2" Thick Door, Add	36.67	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	48.14	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	120.34	
08110-0244	EA		2'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	552.22	35.42
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	144.41	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	192.55	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	21.66	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	388.64	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	629.32	
	08MOD-0025		For Embossed Panel, Add	115.53	
	08MOD-0026		For Galvanized Steel, Add	72.21	
	08MOD-0027		For Baked Enamel Finish, Add	186.92	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-29.38	
	08MOD-0034		For > 100, Deduct	-43.19	
	08MOD-0036		For Up To 1' Extra Height, Add	133.20	
	08MOD-0037		For 2" Thick Door, Add	36.67	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	48.14	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	120.34	
08110-0245	EA		2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	565.28	37.04
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	147.37	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	196.49	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	22.10	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	396.68	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	642.29	
	08MOD-0025		For Embossed Panel, Add	117.89	
	08MOD-0026		For Galvanized Steel, Add	73.68	
	08MOD-0027		For Baked Enamel Finish, Add	191.80	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-30.12	
	08MOD-0034		For > 100, Deduct	-44.25	
	08MOD-0036		For Up To 1' Extra Height, Add	135.92	
	08MOD-0037		For 2" Thick Door, Add	37.46	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	49.12	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	122.81	
08110-0246	EA		2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	572.61	37.04
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	149.57	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	199.42	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	22.43	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	402.54	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	651.82	
	08MOD-0025		For Embossed Panel, Add	119.65	
	08MOD-0026		For Galvanized Steel, Add	74.78	
	08MOD-0027		For Baked Enamel Finish, Add	194.00	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-30.48	
	08MOD-0034		For > 100, Deduct	-44.80	
	08MOD-0036		For Up To 1' Extra Height, Add	137.95	
	08MOD-0037		For 2" Thick Door, Add	38.00	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	49.86	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	124.64	



Doors And Windows 08000	08
Metal Doors And Frames 08100	
Steel Doors And Frames 08110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0247 EA 3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	581.70	38.64
08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	151.32	
08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	201.76	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	22.70	
08MOD-0023 For Type 304 Stainless Steel Door, Add	407.39	
08MOD-0024 For Type 316 Stainless Steel Door, Add	659.60	
08MOD-0025 For Embossed Panel, Add	121.06	
08MOD-0026 For Galvanized Steel, Add	75.66	
08MOD-0027 For Baked Enamel Finish, Add	197.70	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-31.02	
08MOD-0034 For > 100, Deduct	-45.56	
08MOD-0036 For Up To 1' Extra Height, Add	139.57	
08MOD-0037 For 2" Thick Door, Add	38.50	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	50.44	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	126.10	
08110-0248 EA 3'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	619.83	38.64
08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	162.76	
08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	217.02	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	24.41	
08MOD-0023 For Type 304 Stainless Steel Door, Add	437.90	
08MOD-0024 For Type 316 Stainless Steel Door, Add	709.17	
08MOD-0025 For Embossed Panel, Add	130.21	
08MOD-0026 For Galvanized Steel, Add	81.38	
08MOD-0027 For Baked Enamel Finish, Add	209.14	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-32.92	
08MOD-0034 For > 100, Deduct	-48.42	
08MOD-0036 For Up To 1' Extra Height, Add	150.12	
08MOD-0037 For 2" Thick Door, Add	41.27	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	54.25	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	135.64	
08110-0249 EA 3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	637.72	40.25
08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	167.16	
08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	222.88	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	25.07	
08MOD-0023 For Type 304 Stainless Steel Door, Add	449.79	
08MOD-0024 For Type 316 Stainless Steel Door, Add	728.40	
08MOD-0025 For Embossed Panel, Add	133.73	
08MOD-0026 For Galvanized Steel, Add	83.58	
08MOD-0027 For Baked Enamel Finish, Add	215.47	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-33.90	
08MOD-0034 For > 100, Deduct	-49.84	
08MOD-0036 For Up To 1' Extra Height, Add	154.18	
08MOD-0037 For 2" Thick Door, Add	42.41	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	55.72	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	139.30	
08110-0250 EA 4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	702.81	43.47
08MOD-0019 For 16 Gauge, Grade III, Extra Heavy Duty, Add	184.76	
08MOD-0020 For 14 Gauge, Grade III, Extra Heavy Duty, Add	246.34	
08MOD-0022 For Composite Door Instead Of Full Panel Door, Add	27.71	
08MOD-0023 For Type 304 Stainless Steel Door, Add	497.04	
08MOD-0024 For Type 316 Stainless Steel Door, Add	804.97	
08MOD-0025 For Embossed Panel, Add	147.81	
08MOD-0026 For Galvanized Steel, Add	92.38	
08MOD-0027 For Baked Enamel Finish, Add	236.93	
08MOD-0028 For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
08MOD-0029 For 45 Minutes Rated Door And FM Label, Add	41.40	
08MOD-0030 For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
08MOD-0031 For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
08MOD-0032 For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
08MOD-0033 For > 50 To 100, Deduct	-37.31	
08MOD-0034 For > 100, Deduct	-54.88	
08MOD-0036 For Up To 1' Extra Height, Add	170.41	
08MOD-0037 For 2" Thick Door, Add	46.82	
08MOD-0038 For Insulated Door (Polystyrene Core), Add	61.59	
08MOD-0039 For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	153.97	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0251	PR	Pair	2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,123.16	70.36
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	294.73	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	392.98	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	44.21	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	792.99	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,284.21	
	08MOD-0025		For Embossed Panel, Add	235.79	
	08MOD-0026		For Galvanized Steel, Add	147.37	
	08MOD-0027		For Baked Enamel Finish, Add	379.16	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-59.68	
	08MOD-0034		For > 100, Deduct	-87.76	
	08MOD-0036		For Up To 1' Extra Height, Add	271.84	
	08MOD-0037		For 2" Thick Door, Add	74.74	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	98.24	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	245.61	
08110-0252	PR	Pair	2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,137.82	70.36
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	299.13	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	398.84	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	44.87	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	804.72	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,303.27	
	08MOD-0025		For Embossed Panel, Add	239.30	
	08MOD-0026		For Galvanized Steel, Add	149.57	
	08MOD-0027		For Baked Enamel Finish, Add	383.56	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-60.41	
	08MOD-0034		For > 100, Deduct	-88.85	
	08MOD-0036		For Up To 1' Extra Height, Add	275.90	
	08MOD-0037		For 2" Thick Door, Add	75.81	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	99.71	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	249.28	
08110-0253	PR	Pair	3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,155.67	73.42
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	302.65	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	403.53	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	45.40	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	814.41	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,318.82	
	08MOD-0025		For Embossed Panel, Add	242.12	
	08MOD-0026		For Galvanized Steel, Add	151.32	
	08MOD-0027		For Baked Enamel Finish, Add	390.75	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-61.45	
	08MOD-0034		For > 100, Deduct	-90.35	
	08MOD-0036		For Up To 1' Extra Height, Add	279.14	
	08MOD-0037		For 2" Thick Door, Add	76.81	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	100.88	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	252.21	
08110-0254	PR	Pair	3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,267.36	76.48
	08MOD-0019		For 16 Gauge, Grade III, Extra Heavy Duty, Add	334.32	
	08MOD-0020		For 14 Gauge, Grade III, Extra Heavy Duty, Add	445.76	
	08MOD-0022		For Composite Door Instead Of Full Panel Door, Add	50.15	
	08MOD-0023		For Type 304 Stainless Steel Door, Add	899.18	
	08MOD-0024		For Type 316 Stainless Steel Door, Add	1,456.38	
	08MOD-0025		For Embossed Panel, Add	267.46	
	08MOD-0026		For Galvanized Steel, Add	167.16	
	08MOD-0027		For Baked Enamel Finish, Add	426.09	
	08MOD-0028		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	08MOD-0029		For 45 Minutes Rated Door And FM Label, Add	41.40	
	08MOD-0030		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	08MOD-0031		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	08MOD-0032		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	08MOD-0033		For > 50 To 100, Deduct	-67.19	
	08MOD-0034		For > 100, Deduct	-98.88	
	08MOD-0036		For Up To 1' Extra Height, Add	308.36	
	08MOD-0037		For 2" Thick Door, Add	84.62	
	08MOD-0038		For Insulated Door (Polystyrene Core), Add	111.44	
	08MOD-0039		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	278.60	
08110-0255	PR	Pair	4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,396.91	82.60

08110-0258 Sundry Hollow Metal Frame Sections (08110)

08110-0259 Verticals, Mullions (08110-0258)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0260 LF 4-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	20.30	3.61
08MOD-0040 For 18 Gauge Frame, Deduct	-1.12	
08MOD-0041 For 14 Gauge Frame, Add	2.81	
08MOD-0042 For 12 Gauge Frame, Add	4.26	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0261 LF 4-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	19.18	3.61
08MOD-0040 For 18 Gauge Frame, Deduct	-1.01	
08MOD-0041 For 14 Gauge Frame, Add	2.53	
08MOD-0042 For 12 Gauge Frame, Add	3.84	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0262 LF 5-1/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	20.56	3.73
08MOD-0040 For 18 Gauge Frame, Deduct	-1.12	
08MOD-0041 For 14 Gauge Frame, Add	2.81	
08MOD-0042 For 12 Gauge Frame, Add	4.26	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0263 LF 5-1/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	20.56	3.73
08MOD-0040 For 18 Gauge Frame, Deduct	-1.12	
08MOD-0041 For 14 Gauge Frame, Add	2.81	
08MOD-0042 For 12 Gauge Frame, Add	4.26	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0264 LF 6-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	21.32	3.80
08MOD-0040 For 18 Gauge Frame, Deduct	-1.18	
08MOD-0041 For 14 Gauge Frame, Add	2.95	
08MOD-0042 For 12 Gauge Frame, Add	4.48	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0265 LF 6-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	20.01	3.80
08MOD-0040 For 18 Gauge Frame, Deduct	-1.05	
08MOD-0041 For 14 Gauge Frame, Add	2.62	
08MOD-0042 For 12 Gauge Frame, Add	3.98	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0266 Horizontals, Rails <small>(08110-0258)</small>		
08110-0267 LF 4-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	14.69	3.61
08MOD-0040 For 18 Gauge Frame, Deduct	-0.56	
08MOD-0041 For 14 Gauge Frame, Add	1.40	
08MOD-0042 For 12 Gauge Frame, Add	2.13	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0268 LF 4-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	14.32	3.61
08MOD-0040 For 18 Gauge Frame, Deduct	-0.52	
08MOD-0041 For 14 Gauge Frame, Add	1.31	
08MOD-0042 For 12 Gauge Frame, Add	1.99	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0269 LF 5-1/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	14.95	3.73
08MOD-0040 For 18 Gauge Frame, Deduct	-0.56	
08MOD-0041 For 14 Gauge Frame, Add	1.40	
08MOD-0042 For 12 Gauge Frame, Add	2.13	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0270 LF 5-1/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	14.95	3.73
08MOD-0040 For 18 Gauge Frame, Deduct	-0.56	
08MOD-0041 For 14 Gauge Frame, Add	1.40	
08MOD-0042 For 12 Gauge Frame, Add	2.13	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0271 LF 6-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	15.43	3.80
08MOD-0040 For 18 Gauge Frame, Deduct	-0.59	
08MOD-0041 For 14 Gauge Frame, Add	1.47	
08MOD-0042 For 12 Gauge Frame, Add	2.24	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	

08000 Doors And Windows**08100 Metal Doors And Frames****08110 Steel Doors And Frames**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08110-0272 LF 6-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	14.22	3.80
08MOD-0040 For 18 Gauge Frame, Deduct	-0.47	
08MOD-0041 For 14 Gauge Frame, Add	1.17	
08MOD-0042 For 12 Gauge Frame, Add	1.78	
08MOD-0043 For 3 Hour Frame, Add	2.58	
08MOD-0044 For 1-1/2 Hour Frame, Add	2.05	
08MOD-0045 For 3/4 Hour Frame, Add	1.76	
08110-0273 Removal And Reinstallation Of Metal Doors (08110)		
08110-0274 EA Remove And Reinstall Metal Door.....	65.26	
08110-0275 EA Remove And Reinstall Metal Door Frame.....	128.37	
08110-0276 EA Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile.....	57.96	
Note: Excludes removal and reinstallation of door.		
08110-0277 EA Modify Metal Door Frame For Door Swing.....	693.94	
Note: Includes removal of door, blank hinge plates, continuous hinge, blank strike plate, new strike plate and reinstallation of door.		
08110-0278 Door And Frame Accessories (08110)		
Note: To be added to door costs.		
08110-0279 Doors Accessories (08110-0278)		
Note: Excludes removal and reinstallation of door.		
08110-0280 EA For Up To 1 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	65.18	
08110-0281 EA For > 1 To 2 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	82.50	
08110-0282 EA For > 2 To 4 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	95.70	
08110-0283 EA For > 4 To 6 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	122.10	
08110-0284 EA For > 6 To 8 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	158.40	
08110-0285 EA For > 8 To 10 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	202.12	
08110-0286 EA For > 10 SF, Factory Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	214.50	
08110-0287 EA For Up To 1 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	123.65	
08110-0288 EA For > 1 To 2 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	145.85	
08110-0289 EA For > 2 To 4 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	164.29	
08110-0290 EA For > 4 To 6 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	194.72	
08110-0291 EA For > 6 To 8 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	234.17	
08110-0292 EA For > 8 To 10 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	280.36	
08110-0293 EA For > 10 SF, Site Installed 20 Gauge Metal Frame For Vision Glass In Door, Add.....	298.04	
08110-0294 EA For Up To 1 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	80.85	
08110-0295 EA For > 1 To 2 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	90.75	
08110-0296 EA For > 2 To 4 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	120.45	
08110-0297 EA For > 4 To 6 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	191.40	
08110-0298 EA For > 6 To 8 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	253.28	
08110-0299 EA For > 8 To 10 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	315.15	
08110-0300 EA For > 10 SF, Factory Installed 20 Gauge Metal Louver In Door, Add.....	358.88	
08110-0301 EA For Up To 1 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	129.15	
08110-0302 EA For > 1 To 2 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	143.88	
08110-0303 EA For > 2 To 4 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	178.41	
08110-0304 EA For > 4 To 6 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	254.19	
08110-0305 EA For > 6 To 8 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	320.90	
08110-0306 EA For > 8 To 10 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	387.61	
08110-0307 EA For > 10 SF, Site Installed 20 Gauge Metal Louver In Door, Add.....	436.17	
08110-0308 EA For Factory Installed Sound Proofing (STC 28) In Metal Door, Add.....	69.96	
08110-0309 Metal Frames Accessories (08110-0278)		
08110-0310 EA For 1 Foot Extension Of New Door Frame.....	20.14	
08110-0311 Metal Door Repair (08110)		
08110-0312 Hollow Metal Door Repair (08110-0311)		
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.		
08110-0313 SF Patch Small Drill Holes.....	6.43	
08110-0314 LF Patch Deep Scrapes Or Cuts In Doors.....	32.17	
08110-0315 IN Patch Holes Larger Than Normal Drill Holes (By Diameter Of Holes).....	9.65	
08200 Wood And Plastic Doors (08000)		
Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers. All doors include machining for builders hardware. See CSI section 08710-0000 for finish hardware.		
08210 Wood Doors (08200)		
See CSI section 08210-0204 for wood door and frame accessories.		
08210-0001 Exterior Door Frames (08210)		
Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.		
08210-0002 EA 3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	199.28	36.62
08MOD-0047 For Birch, Add	44.13	
08MOD-0048 For Mahogany, Add	107.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0003 EA 3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	209.65	38.38
08MOD-0047 For Birch, Add	46.63	
08MOD-0048 For Mahogany, Add	113.25	
08210-0004 EA 4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	220.03	39.88
08MOD-0047 For Birch, Add	49.12	
08MOD-0048 For Mahogany, Add	119.30	
08210-0005 EA 5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	239.98	42.67
08MOD-0047 For Birch, Add	54.11	
08MOD-0048 For Mahogany, Add	131.40	
08210-0006 EA 6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim.....	260.34	45.73
08MOD-0047 For Birch, Add	59.10	
08MOD-0048 For Mahogany, Add	143.53	
08210-0007 EA 3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim.....	305.11	36.75
08210-0008 EA 3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim.....	310.28	38.38
08210-0009 EA 4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim.....	315.42	40.00
08210-0010 EA 5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim.....	324.48	42.61
08210-0011 EA 6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim.....	334.89	45.86
08210-0012 EA 3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	235.74	36.75
08210-0013 EA 3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	247.17	38.38
08210-0014 EA 4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	258.66	40.00
08210-0015 EA 5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	280.22	42.61
08210-0016 EA 6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim.....	303.09	45.86

08210-0017 Interior Door Frames (08210)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

08210-0018 EA 2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	100.10	17.44
08MOD-0046 For Oak Or Maple, Add	20.23	
08MOD-0049 For Birch, Add	22.84	
08MOD-0050 For Mahogany, Add	55.47	
08MOD-0051 For Walnut Frame, Add	29.37	
08210-0019 EA 2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	100.83	17.50
08MOD-0046 For Oak Or Maple, Add	20.40	
08MOD-0049 For Birch, Add	23.03	
08MOD-0050 For Mahogany, Add	55.94	
08MOD-0051 For Walnut Frame, Add	29.61	
08210-0020 EA 2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	102.01	17.83
08MOD-0046 For Oak Or Maple, Add	20.56	
08MOD-0049 For Birch, Add	23.21	
08MOD-0050 For Mahogany, Add	56.36	
08MOD-0051 For Walnut Frame, Add	29.84	
08210-0021 EA 3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	103.55	18.28
08MOD-0046 For Oak Or Maple, Add	20.76	
08MOD-0049 For Birch, Add	23.44	
08MOD-0050 For Mahogany, Add	56.92	
08MOD-0051 For Walnut Frame, Add	30.13	
08210-0022 EA 3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	105.91	18.73
08MOD-0046 For Oak Or Maple, Add	21.20	
08MOD-0049 For Birch, Add	23.93	
08MOD-0050 For Mahogany, Add	58.12	
08MOD-0051 For Walnut Frame, Add	30.77	
08210-0023 EA 4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	111.83	19.90
08MOD-0046 For Oak Or Maple, Add	22.32	
08MOD-0049 For Birch, Add	25.20	
08MOD-0050 For Mahogany, Add	61.19	
08MOD-0051 For Walnut Frame, Add	32.40	
08210-0024 EA 5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	118.72	21.53
08MOD-0046 For Oak Or Maple, Add	23.44	
08MOD-0049 For Birch, Add	26.47	
08MOD-0050 For Mahogany, Add	64.28	
08MOD-0051 For Walnut Frame, Add	34.03	
08210-0025 EA 6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim.....	124.98	22.90
08MOD-0046 For Oak Or Maple, Add	24.56	
08MOD-0049 For Birch, Add	27.73	
08MOD-0050 For Mahogany, Add	67.35	
08MOD-0051 For Walnut Frame, Add	35.66	
08210-0026 LF 4-9/16", Pine Interior Door Frame.....	4.32	1.56
08MOD-0046 For Oak Or Maple, Add	0.37	
08MOD-0049 For Birch, Add	0.42	
08MOD-0050 For Mahogany, Add	1.02	
08MOD-0051 For Walnut Frame, Add	0.54	

08210-0027 Doors (08210)

Note: 6'-8" and 7'-2" doors are the same price as 7' doors. See CSI section 08700-0000 for door hardware and accessories.

08210-0028 Hollow Core Doors, 1-3/8" Thick (08210-0027)

08210-0029 Birch Faced (08210-0028)

08210-0030 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	173.18	35.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	24.56	
08MOD-0069 For > 50 To 100, Deduct	-10.43	
08MOD-0070 For > 100, Deduct	-14.76	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0031	EA	2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	183.65	37.04
		08MOD-0068 For Each 1' Of Additional Door Height, Add	26.30	
		08MOD-0069 For > 50 To 100, Deduct	-11.03	
		08MOD-0070 For > 100, Deduct	-15.63	
08210-0032	EA	2'-8" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	188.98	37.04
		08MOD-0068 For Each 1' Of Additional Door Height, Add	27.58	
		08MOD-0069 For > 50 To 100, Deduct	-11.30	
		08MOD-0070 For > 100, Deduct	-16.03	
08210-0033	EA	3' x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	194.08	38.64
		08MOD-0068 For Each 1' Of Additional Door Height, Add	28.03	
		08MOD-0069 For > 50 To 100, Deduct	-11.64	
		08MOD-0070 For > 100, Deduct	-16.49	
08210-0034	EA	3'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	205.48	38.64
		08MOD-0068 For Each 1' Of Additional Door Height, Add	30.77	
		08MOD-0069 For > 50 To 100, Deduct	-12.21	
		08MOD-0070 For > 100, Deduct	-17.34	
08210-0035	EA	3'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	216.91	40.25
		08MOD-0068 For Each 1' Of Additional Door Height, Add	32.74	
		08MOD-0069 For > 50 To 100, Deduct	-12.86	
		08MOD-0070 For > 100, Deduct	-18.28	
08210-0036	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	339.27	67.31
		08MOD-0068 For Each 1' Of Additional Door Height, Add	49.12	
		08MOD-0069 For > 50 To 100, Deduct	-20.33	
		08MOD-0070 For > 100, Deduct	-28.81	
08210-0037	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	359.89	70.36
		08MOD-0068 For Each 1' Of Additional Door Height, Add	52.60	
		08MOD-0069 For > 50 To 100, Deduct	-21.51	
		08MOD-0070 For > 100, Deduct	-30.51	
08210-0038	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Birch Faced Door.....	380.41	73.42
		08MOD-0068 For Each 1' Of Additional Door Height, Add	56.06	
		08MOD-0069 For > 50 To 100, Deduct	-22.69	
		08MOD-0070 For > 100, Deduct	-32.20	
08210-0039		Lauan Faced (08210-0028)		
08210-0040	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	147.36	35.42
		08MOD-0068 For Each 1' Of Additional Door Height, Add	18.36	
		08MOD-0069 For > 50 To 100, Deduct	-9.14	
		08MOD-0070 For > 100, Deduct	-12.82	
08210-0041	EA	2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	155.76	37.04
		08MOD-0068 For Each 1' Of Additional Door Height, Add	19.61	
		08MOD-0069 For > 50 To 100, Deduct	-9.64	
		08MOD-0070 For > 100, Deduct	-13.53	
08210-0042	EA	2'-8" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	160.14	37.04
		08MOD-0068 For Each 1' Of Additional Door Height, Add	20.66	
		08MOD-0069 For > 50 To 100, Deduct	-9.86	
		08MOD-0070 For > 100, Deduct	-13.86	
08210-0043	EA	3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	166.45	38.64
		08MOD-0068 For Each 1' Of Additional Door Height, Add	21.40	
		08MOD-0069 For > 50 To 100, Deduct	-10.25	
		08MOD-0070 For > 100, Deduct	-14.42	
08210-0044	EA	3'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	174.98	38.64
		08MOD-0068 For Each 1' Of Additional Door Height, Add	23.45	
		08MOD-0069 For > 50 To 100, Deduct	-10.68	
		08MOD-0070 For > 100, Deduct	-15.06	
08210-0045	EA	3'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	184.45	40.25
		08MOD-0068 For Each 1' Of Additional Door Height, Add	24.95	
		08MOD-0069 For > 50 To 100, Deduct	-11.24	
		08MOD-0070 For > 100, Deduct	-15.85	
08210-0046	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	287.63	67.31
		08MOD-0068 For Each 1' Of Additional Door Height, Add	36.73	
		08MOD-0069 For > 50 To 100, Deduct	-17.75	
		08MOD-0070 For > 100, Deduct	-24.94	
08210-0047	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	304.14	70.36
		08MOD-0068 For Each 1' Of Additional Door Height, Add	39.22	
		08MOD-0069 For > 50 To 100, Deduct	-18.73	
		08MOD-0070 For > 100, Deduct	-26.33	
08210-0048	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door.....	325.20	73.42
		08MOD-0068 For Each 1' Of Additional Door Height, Add	42.81	
		08MOD-0069 For > 50 To 100, Deduct	-19.93	
		08MOD-0070 For > 100, Deduct	-28.06	
08210-0049		Tempered Hardboard Faced (08210-0028)		
		Note: Paneled or flush face.		
08210-0050	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	149.43	35.42
		08MOD-0068 For Each 1' Of Additional Door Height, Add	18.86	
		08MOD-0069 For > 50 To 100, Deduct	-9.24	
		08MOD-0070 For > 100, Deduct	-12.98	
08210-0051	EA	2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	158.37	37.04
		08MOD-0068 For Each 1' Of Additional Door Height, Add	20.23	
		08MOD-0069 For > 50 To 100, Deduct	-9.77	
		08MOD-0070 For > 100, Deduct	-13.73	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0052	EA 2'-8" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	161.09	37.04
	08MOD-0068 For Each 1' Of Additional Door Height, Add	20.89	
	08MOD-0069 For > 50 To 100, Deduct	-9.91	
	08MOD-0070 For > 100, Deduct	-13.93	
08210-0053	EA 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	169.76	38.64
	08MOD-0068 For Each 1' Of Additional Door Height, Add	22.19	
	08MOD-0069 For > 50 To 100, Deduct	-10.42	
	08MOD-0070 For > 100, Deduct	-14.66	
08210-0054	EA 3'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	179.93	38.64
	08MOD-0068 For Each 1' Of Additional Door Height, Add	24.63	
	08MOD-0069 For > 50 To 100, Deduct	-10.93	
	08MOD-0070 For > 100, Deduct	-15.43	
08210-0055	EA 3'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	189.71	40.25
	08MOD-0068 For Each 1' Of Additional Door Height, Add	26.21	
	08MOD-0069 For > 50 To 100, Deduct	-11.50	
	08MOD-0070 For > 100, Deduct	-16.24	
08210-0056	PR Pair 2' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	291.78	67.31
	08MOD-0068 For Each 1' Of Additional Door Height, Add	37.72	
	08MOD-0069 For > 50 To 100, Deduct	-17.95	
	08MOD-0070 For > 100, Deduct	-25.25	
08210-0057	PR Pair 2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	309.34	70.36
	08MOD-0068 For Each 1' Of Additional Door Height, Add	40.47	
	08MOD-0069 For > 50 To 100, Deduct	-18.99	
	08MOD-0070 For > 100, Deduct	-26.72	
08210-0058	PR Pair 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door.....	331.79	73.42
	08MOD-0068 For Each 1' Of Additional Door Height, Add	44.39	
	08MOD-0069 For > 50 To 100, Deduct	-20.26	
	08MOD-0070 For > 100, Deduct	-28.56	
08210-0059	Solid Core Doors, 1-3/8" Thick, 5 Ply (08210-0027)		
08210-0060	Birch Faced (08210-0059)		
08210-0061	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door.....	201.15	35.42
	08MOD-0052 For 7 Ply Core, Add	19.55	
	08MOD-0053 For Solid Wood Staved Core (Glued Block), Add	32.58	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	31.27	
	08MOD-0069 For > 50 To 100, Deduct	-11.83	
	08MOD-0070 For > 100, Deduct	-16.86	
08210-0062	EA 2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door.....	211.20	37.04
	08MOD-0052 For 7 Ply Core, Add	20.57	
	08MOD-0053 For Solid Wood Staved Core (Glued Block), Add	34.29	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	32.91	
	08MOD-0069 For > 50 To 100, Deduct	-12.41	
	08MOD-0070 For > 100, Deduct	-17.69	
08210-0063	EA 2'-8" x 7' x 1-3/8" Solid Core, Birch Faced Door.....	218.04	37.04
	08MOD-0052 For 7 Ply Core, Add	21.60	
	08MOD-0053 For Solid Wood Staved Core (Glued Block), Add	36.00	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	34.56	
	08MOD-0069 For > 50 To 100, Deduct	-12.75	
	08MOD-0070 For > 100, Deduct	-18.20	
08210-0064	EA 3' x 7' x 1-3/8" Solid Core, Birch Faced Door.....	229.62	38.64
	08MOD-0052 For 7 Ply Core, Add	22.85	
	08MOD-0053 For Solid Wood Staved Core (Glued Block), Add	38.08	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	36.56	
	08MOD-0069 For > 50 To 100, Deduct	-13.41	
	08MOD-0070 For > 100, Deduct	-19.15	
08210-0065	EA 3'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door.....	246.34	38.64
	08MOD-0052 For 7 Ply Core, Add	25.36	
	08MOD-0053 For Solid Wood Staved Core (Glued Block), Add	42.26	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	40.57	
	08MOD-0069 For > 50 To 100, Deduct	-14.25	
	08MOD-0070 For > 100, Deduct	-20.41	
08210-0066	EA 3'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door.....	260.37	40.25
	08MOD-0052 For 7 Ply Core, Add	26.98	
	08MOD-0053 For Solid Wood Staved Core (Glued Block), Add	44.97	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	43.17	
	08MOD-0069 For > 50 To 100, Deduct	-15.03	
	08MOD-0070 For > 100, Deduct	-21.54	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0067	PR	Pair	2' x 7' x 1-3/8" Solid Core, Birch Faced Door.....	395.19	67.31
	08MOD-0052		For 7 Ply Core, Add	39.09	
	08MOD-0053		For Solid Wood Staved Core (Glued Block), Add	65.15	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	62.54	
	08MOD-0069		For > 50 To 100, Deduct	-23.12	
	08MOD-0070		For > 100, Deduct	-33.00	
08210-0068	PR	Pair	2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	415.00	70.36
	08MOD-0052		For 7 Ply Core, Add	41.14	
	08MOD-0053		For Solid Wood Staved Core (Glued Block), Add	68.57	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	65.83	
	08MOD-0069		For > 50 To 100, Deduct	-24.27	
	08MOD-0070		For > 100, Deduct	-34.64	
08210-0069	PR	Pair	3' x 7' x 1-3/8" Solid Core, Birch Faced Door.....	451.50	73.42
	08MOD-0052		For 7 Ply Core, Add	45.70	
	08MOD-0053		For Solid Wood Staved Core (Glued Block), Add	76.17	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	73.12	
	08MOD-0069		For > 50 To 100, Deduct	-26.25	
	08MOD-0070		For > 100, Deduct	-37.53	
08210-0070			Lauan Faced <small>(08210-0059)</small>		
08210-0071	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	167.89	35.42	
	08MOD-0052		For 7 Ply Core, Add	14.56	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	23.29	
	08MOD-0069		For > 50 To 100, Deduct	-10.17	
	08MOD-0070		For > 100, Deduct	-14.36	
08210-0072	EA	2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	176.41	37.04	
	08MOD-0052		For 7 Ply Core, Add	15.35	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	24.56	
	08MOD-0069		For > 50 To 100, Deduct	-10.67	
	08MOD-0070		For > 100, Deduct	-15.08	
08210-0073	EA	2'-8" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	181.76	37.04	
	08MOD-0052		For 7 Ply Core, Add	16.16	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	25.85	
	08MOD-0069		For > 50 To 100, Deduct	-10.94	
	08MOD-0070		For > 100, Deduct	-15.48	
08210-0074	EA	3' x 7' x 1-3/8" Solid Core, Lauan Faced Door	190.37	38.64	
	08MOD-0052		For 7 Ply Core, Add	16.96	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	27.14	
	08MOD-0069		For > 50 To 100, Deduct	-11.45	
	08MOD-0070		For > 100, Deduct	-16.21	
08210-0075	EA	3'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	202.81	38.64	
	08MOD-0052		For 7 Ply Core, Add	18.83	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	30.12	
	08MOD-0069		For > 50 To 100, Deduct	-12.07	
	08MOD-0070		For > 100, Deduct	-17.14	
08210-0076	EA	3'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	215.85	40.25	
	08MOD-0052		For 7 Ply Core, Add	20.30	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	32.48	
	08MOD-0069		For > 50 To 100, Deduct	-12.81	
	08MOD-0070		For > 100, Deduct	-18.20	
08210-0077	PR	Pair	2' x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	328.68	67.31
	08MOD-0052		For 7 Ply Core, Add	29.11	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	46.58	
	08MOD-0069		For > 50 To 100, Deduct	-19.80	
	08MOD-0070		For > 100, Deduct	-28.02	
08210-0078	PR	Pair	2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	345.43	70.36
	08MOD-0052		For 7 Ply Core, Add	30.71	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	49.13	
	08MOD-0069		For > 50 To 100, Deduct	-20.79	
	08MOD-0070		For > 100, Deduct	-29.43	
08210-0079	PR	Pair	3' x 7' x 1-3/8" Solid Core, Lauan Faced Door.....	373.01	73.42
	08MOD-0052		For 7 Ply Core, Add	33.93	
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	54.28	
	08MOD-0069		For > 50 To 100, Deduct	-22.32	
	08MOD-0070		For > 100, Deduct	-31.65	
08210-0080			Tempered Hardboard Faced <small>(08210-0059)</small>		
			Note: Paneled or flush face.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0081	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	180.43	35.42
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	26.30	
	08MOD-0069 For > 50 To 100, Deduct	-10.79	
	08MOD-0070 For > 100, Deduct	-15.30	
08210-0082	EA 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	190.01	37.04
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	27.83	
	08MOD-0069 For > 50 To 100, Deduct	-11.35	
	08MOD-0070 For > 100, Deduct	-16.10	
08210-0083	EA 2'-8" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	196.35	37.04
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	29.35	
	08MOD-0069 For > 50 To 100, Deduct	-11.67	
	08MOD-0070 For > 100, Deduct	-16.58	
08210-0084	EA 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	201.93	38.64
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	29.91	
	08MOD-0069 For > 50 To 100, Deduct	-12.03	
	08MOD-0070 For > 100, Deduct	-17.08	
08210-0085	EA 3'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	215.68	38.64
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	33.21	
	08MOD-0069 For > 50 To 100, Deduct	-12.72	
	08MOD-0070 For > 100, Deduct	-18.11	
08210-0086	EA 3'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	243.98	40.25
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	39.23	
	08MOD-0069 For > 50 To 100, Deduct	-14.21	
	08MOD-0070 For > 100, Deduct	-20.31	
08210-0087	PR Pair 2' x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	353.77	67.31
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	52.60	
	08MOD-0069 For > 50 To 100, Deduct	-21.05	
	08MOD-0070 For > 100, Deduct	-29.90	
08210-0088	PR Pair 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	372.59	70.36
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	55.65	
	08MOD-0069 For > 50 To 100, Deduct	-22.15	
	08MOD-0070 For > 100, Deduct	-31.46	
08210-0089	PR Pair 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door.....	396.13	73.42
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	59.83	
	08MOD-0069 For > 50 To 100, Deduct	-23.48	
	08MOD-0070 For > 100, Deduct	-33.38	
08210-0090	Plastic Laminated Wood Doors (08210-0059)		
08210-0091	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	297.81	35.42
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	54.47	
	08MOD-0069 For > 50 To 100, Deduct	-16.66	
	08MOD-0070 For > 100, Deduct	-24.11	
08210-0092	EA 2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	313.51	37.04
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	57.47	
	08MOD-0069 For > 50 To 100, Deduct	-17.53	
	08MOD-0070 For > 100, Deduct	-25.36	
08210-0093	EA 2'-8" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	325.99	37.04
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	60.46	
	08MOD-0069 For > 50 To 100, Deduct	-18.15	
	08MOD-0070 For > 100, Deduct	-26.30	
08210-0094	EA 3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	341.78	38.64
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	63.48	
	08MOD-0069 For > 50 To 100, Deduct	-19.02	
	08MOD-0070 For > 100, Deduct	-27.57	
08210-0095	EA 3'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	370.87	38.64
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	70.46	
	08MOD-0069 For > 50 To 100, Deduct	-20.48	
	08MOD-0070 For > 100, Deduct	-29.75	
08210-0096	EA 3'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	392.87	40.25
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	74.97	
	08MOD-0069 For > 50 To 100, Deduct	-21.66	
	08MOD-0070 For > 100, Deduct	-31.48	
08210-0097	PR Pair 2' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	588.55	67.31
	08MOD-0054 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	108.95	
	08MOD-0069 For > 50 To 100, Deduct	-32.79	
	08MOD-0070 For > 100, Deduct	-47.51	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0098	PR	Pair	2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	619.58	70.36
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	114.93	
	08MOD-0069		For > 50 To 100, Deduct	-34.50	
	08MOD-0070		For > 100, Deduct	-49.99	
08210-0099	PR	Pair	3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door.....	675.83	73.42
	08MOD-0054		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	126.96	
	08MOD-0069		For > 50 To 100, Deduct	-37.46	
	08MOD-0070		For > 100, Deduct	-54.36	
08210-0100			Hollow Core Doors, 1-3/4" Thick (08210-0027)		
08210-0101			Birch Faced (08210-0100)		
08210-0102	EA	2'-0" Or 2'-4"	Or 7' x 1-3/4" Hollow Core, Birch Faced Door.....	198.76	35.42
	08MOD-0068		For Each 1' Of Additional Door Height, Add	30.70	
	08MOD-0069		For > 50 To 100, Deduct	-11.71	
	08MOD-0070		For > 100, Deduct	-16.68	
08210-0103	EA	2'-6"	x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	206.78	37.04
	08MOD-0068		For Each 1' Of Additional Door Height, Add	31.85	
	08MOD-0069		For > 50 To 100, Deduct	-12.19	
	08MOD-0070		For > 100, Deduct	-17.36	
08210-0104	EA	2'-8"	x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	208.58	37.04
	08MOD-0068		For Each 1' Of Additional Door Height, Add	32.28	
	08MOD-0069		For > 50 To 100, Deduct	-12.28	
	08MOD-0070		For > 100, Deduct	-17.50	
08210-0105	EA	3' x 7'	x 1-3/4" Hollow Core, Birch Faced Door.....	219.67	38.64
	08MOD-0068		For Each 1' Of Additional Door Height, Add	34.17	
	08MOD-0069		For > 50 To 100, Deduct	-12.92	
	08MOD-0070		For > 100, Deduct	-18.41	
08210-0106	EA	3'-4"	x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	240.56	38.64
	08MOD-0068		For Each 1' Of Additional Door Height, Add	39.18	
	08MOD-0069		For > 50 To 100, Deduct	-13.96	
	08MOD-0070		For > 100, Deduct	-19.97	
08210-0107	EA	3'-6"	x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	286.16	40.25
	08MOD-0068		For Each 1' Of Additional Door Height, Add	49.36	
	08MOD-0069		For > 50 To 100, Deduct	-16.32	
	08MOD-0070		For > 100, Deduct	-23.47	
08210-0108	PR	Pair	2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	390.42	67.31
	08MOD-0068		For Each 1' Of Additional Door Height, Add	61.40	
	08MOD-0069		For > 50 To 100, Deduct	-22.89	
	08MOD-0070		For > 100, Deduct	-32.65	
08210-0109	PR	Pair	2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	406.19	70.36
	08MOD-0068		For Each 1' Of Additional Door Height, Add	63.71	
	08MOD-0069		For > 50 To 100, Deduct	-23.83	
	08MOD-0070		For > 100, Deduct	-33.98	
08210-0110	PR	Pair	3' x 7' x 1-3/4" Hollow Core, Birch Faced Door.....	431.61	73.42
	08MOD-0068		For Each 1' Of Additional Door Height, Add	68.34	
	08MOD-0069		For > 50 To 100, Deduct	-25.25	
	08MOD-0070		For > 100, Deduct	-36.04	
08210-0111			Lauan Faced (08210-0100)		
08210-0112	EA	2'-0" Or 2'-4"	Or 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	168.05	35.42
	08MOD-0068		For Each 1' Of Additional Door Height, Add	23.33	
	08MOD-0069		For > 50 To 100, Deduct	-10.17	
	08MOD-0070		For > 100, Deduct	-14.38	
08210-0113	EA	2'-6"	x 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	177.95	37.04
	08MOD-0068		For Each 1' Of Additional Door Height, Add	24.93	
	08MOD-0069		For > 50 To 100, Deduct	-10.75	
	08MOD-0070		For > 100, Deduct	-15.20	
08210-0114	EA	2'-8"	x 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	183.39	37.04
	08MOD-0068		For Each 1' Of Additional Door Height, Add	26.24	
	08MOD-0069		For > 50 To 100, Deduct	-11.02	
	08MOD-0070		For > 100, Deduct	-15.61	
08210-0115	EA	3' x 7'	x 1-3/4" Hollow Core, Lauan Faced Door.....	188.77	38.64
	08MOD-0068		For Each 1' Of Additional Door Height, Add	26.76	
	08MOD-0069		For > 50 To 100, Deduct	-11.37	
	08MOD-0070		For > 100, Deduct	-16.09	
08210-0116	EA	3'-4"	x 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	201.03	38.64
	08MOD-0068		For Each 1' Of Additional Door Height, Add	29.70	
	08MOD-0069		For > 50 To 100, Deduct	-11.98	
	08MOD-0070		For > 100, Deduct	-17.01	
08210-0117	EA	3'-6"	x 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	220.03	40.25
	08MOD-0068		For Each 1' Of Additional Door Height, Add	33.48	
	08MOD-0069		For > 50 To 100, Deduct	-13.01	
	08MOD-0070		For > 100, Deduct	-18.52	
08210-0118	PR	Pair	2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	328.99	67.31
	08MOD-0068		For Each 1' Of Additional Door Height, Add	46.65	
	08MOD-0069		For > 50 To 100, Deduct	-19.81	
	08MOD-0070		For > 100, Deduct	-28.04	
08210-0119	PR	Pair	2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door.....	348.53	70.36
	08MOD-0068		For Each 1' Of Additional Door Height, Add	49.87	
	08MOD-0069		For > 50 To 100, Deduct	-20.94	
	08MOD-0070		For > 100, Deduct	-29.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0120 PR Pair 3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door	369.78	73.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	53.51	
08MOD-0069 For > 50 To 100, Deduct	-22.16	
08MOD-0070 For > 100, Deduct	-31.40	
08210-0121 Tempered Hardboard <small>(08210-0100)</small>		
Note: Paneled or flush face.		
08210-0122 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	168.76	35.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	23.50	
08MOD-0069 For > 50 To 100, Deduct	-10.21	
08MOD-0070 For > 100, Deduct	-14.43	
08210-0123 EA 2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	174.69	37.04
08MOD-0068 For Each 1' Of Additional Door Height, Add	24.15	
08MOD-0069 For > 50 To 100, Deduct	-10.59	
08MOD-0070 For > 100, Deduct	-14.95	
08210-0124 EA 2'-8" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	180.14	37.04
08MOD-0068 For Each 1' Of Additional Door Height, Add	25.46	
08MOD-0069 For > 50 To 100, Deduct	-10.86	
08MOD-0070 For > 100, Deduct	-15.36	
08210-0125 EA 3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	188.80	38.64
08MOD-0068 For Each 1' Of Additional Door Height, Add	26.76	
08MOD-0069 For > 50 To 100, Deduct	-11.37	
08MOD-0070 For > 100, Deduct	-16.09	
08210-0126 EA 3'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	195.02	38.64
08MOD-0068 For Each 1' Of Additional Door Height, Add	28.26	
08MOD-0069 For > 50 To 100, Deduct	-11.68	
08MOD-0070 For > 100, Deduct	-16.56	
08210-0127 EA 3'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	218.47	40.25
08MOD-0068 For Each 1' Of Additional Door Height, Add	33.11	
08MOD-0069 For > 50 To 100, Deduct	-12.94	
08MOD-0070 For > 100, Deduct	-18.40	
08210-0128 PR Pair 2' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	330.41	67.31
08MOD-0068 For Each 1' Of Additional Door Height, Add	46.99	
08MOD-0069 For > 50 To 100, Deduct	-19.89	
08MOD-0070 For > 100, Deduct	-28.15	
08210-0129 PR Pair 2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	341.97	70.36
08MOD-0068 For Each 1' Of Additional Door Height, Add	48.30	
08MOD-0069 For > 50 To 100, Deduct	-20.62	
08MOD-0070 For > 100, Deduct	-29.17	
08210-0130 PR Pair 3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	369.86	73.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	53.52	
08MOD-0069 For > 50 To 100, Deduct	-22.16	
08MOD-0070 For > 100, Deduct	-31.41	
08210-0131 Oak Or Maple Faced <small>(08210-0100)</small>		
08210-0132 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	239.15	35.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	40.39	
08MOD-0069 For > 50 To 100, Deduct	-13.73	
08MOD-0070 For > 100, Deduct	-19.71	
08210-0133 EA 2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	248.69	37.04
08MOD-0068 For Each 1' Of Additional Door Height, Add	41.91	
08MOD-0069 For > 50 To 100, Deduct	-14.29	
08MOD-0070 For > 100, Deduct	-20.50	
08210-0134 EA 2'-8" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	251.06	37.04
08MOD-0068 For Each 1' Of Additional Door Height, Add	42.48	
08MOD-0069 For > 50 To 100, Deduct	-14.40	
08MOD-0070 For > 100, Deduct	-20.68	
08210-0135 EA 3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	264.63	38.64
08MOD-0068 For Each 1' Of Additional Door Height, Add	44.96	
08MOD-0069 For > 50 To 100, Deduct	-15.16	
08MOD-0070 For > 100, Deduct	-21.78	
08210-0136 EA 3'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	292.11	38.64
08MOD-0068 For Each 1' Of Additional Door Height, Add	51.56	
08MOD-0069 For > 50 To 100, Deduct	-16.54	
08MOD-0070 For > 100, Deduct	-23.84	
08210-0137 EA 3'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	351.10	40.25
08MOD-0068 For Each 1' Of Additional Door Height, Add	64.94	
08MOD-0069 For > 50 To 100, Deduct	-19.57	
08MOD-0070 For > 100, Deduct	-28.35	
08210-0138 PR Pair 2' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	471.19	67.31
08MOD-0068 For Each 1' Of Additional Door Height, Add	80.78	
08MOD-0069 For > 50 To 100, Deduct	-26.92	
08MOD-0070 For > 100, Deduct	-38.70	
08210-0139 PR Pair 2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	490.02	70.36
08MOD-0068 For Each 1' Of Additional Door Height, Add	83.83	
08MOD-0069 For > 50 To 100, Deduct	-28.02	
08MOD-0070 For > 100, Deduct	-40.27	
08210-0140 PR Pair 3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	521.53	73.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	89.93	
08MOD-0069 For > 50 To 100, Deduct	-29.75	
08MOD-0070 For > 100, Deduct	-42.79	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0141 Walnut Faced <small>(08210-0100)</small>		
08210-0142 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	298.85	35.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	54.72	
08MOD-0069 For > 50 To 100, Deduct	-16.71	
08MOD-0070 For > 100, Deduct	-24.19	
08210-0143 EA 2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	303.66	37.04
08MOD-0068 For Each 1' Of Additional Door Height, Add	55.10	
08MOD-0069 For > 50 To 100, Deduct	-17.03	
08MOD-0070 For > 100, Deduct	-24.63	
08210-0144 EA 2'-8" x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	313.75	37.04
08MOD-0068 For Each 1' Of Additional Door Height, Add	57.53	
08MOD-0069 For > 50 To 100, Deduct	-17.54	
08MOD-0070 For > 100, Deduct	-25.38	
08210-0145 EA 3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	320.08	38.64
08MOD-0068 For Each 1' Of Additional Door Height, Add	58.27	
08MOD-0069 For > 50 To 100, Deduct	-17.94	
08MOD-0070 For > 100, Deduct	-25.94	
08210-0146 EA 3'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	347.17	38.64
08MOD-0068 For Each 1' Of Additional Door Height, Add	64.77	
08MOD-0069 For > 50 To 100, Deduct	-19.29	
08MOD-0070 For > 100, Deduct	-27.97	
08210-0147 EA 3'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	420.36	40.25
08MOD-0068 For Each 1' Of Additional Door Height, Add	81.56	
08MOD-0069 For > 50 To 100, Deduct	-23.03	
08MOD-0070 For > 100, Deduct	-33.54	
08210-0148 PR Pair 2' x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	590.39	67.31
08MOD-0068 For Each 1' Of Additional Door Height, Add	109.39	
08MOD-0069 For > 50 To 100, Deduct	-32.88	
08MOD-0070 For > 100, Deduct	-47.64	
08210-0149 PR Pair 2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	599.91	70.36
08MOD-0068 For Each 1' Of Additional Door Height, Add	110.21	
08MOD-0069 For > 50 To 100, Deduct	-33.51	
08MOD-0070 For > 100, Deduct	-48.51	
08210-0150 PR Pair 3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door.....	632.42	73.42
08MOD-0068 For Each 1' Of Additional Door Height, Add	116.54	
08MOD-0069 For > 50 To 100, Deduct	-35.29	
08MOD-0070 For > 100, Deduct	-51.10	
08210-0151 Solid Core Doors, 1-3/4" Thick, 5 Ply <small>(08210-0027)</small>		
08210-0152 Birch Faced <small>(08210-0151)</small>		
08210-0153 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	229.44	35.42
08MOD-0055 For 7 Ply Core, Add	23.79	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	39.65	
Note: Not used in conjunction with fire rating > 20 minutes.		
08MOD-0061 For Exterior Grade Door, Add	43.19	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	19.03	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	85.64	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	118.94	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	190.31	
08MOD-0068 For Each 1' Of Additional Door Height, Add	38.06	
08MOD-0069 For > 50 To 100, Deduct	-13.24	
08MOD-0070 For > 100, Deduct	-18.98	
08210-0154 EA 2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	224.30	37.04
08MOD-0055 For 7 Ply Core, Add	22.54	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	37.56	
Note: Not used in conjunction with fire rating > 20 minutes.		
08MOD-0061 For Exterior Grade Door, Add	41.26	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	18.03	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	81.13	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	112.68	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	180.29	
08MOD-0068 For Each 1' Of Additional Door Height, Add	36.06	
08MOD-0069 For > 50 To 100, Deduct	-13.07	
08MOD-0070 For > 100, Deduct	-18.67	
08210-0155 EA 2'-8" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	230.56	37.04
08MOD-0055 For 7 Ply Core, Add	23.48	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	39.13	
Note: Not used in conjunction with fire rating > 20 minutes.		
08MOD-0061 For Exterior Grade Door, Add	42.83	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	18.78	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	84.51	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	117.38	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	187.80	
08MOD-0068 For Each 1' Of Additional Door Height, Add	37.56	
08MOD-0069 For > 50 To 100, Deduct	-13.38	
08MOD-0070 For > 100, Deduct	-19.14	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0156 EA 3' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	242.14	38.64
08MOD-0055 For 7 Ply Core, Add	24.73	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	41.21	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0061 For Exterior Grade Door, Add	45.08	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	19.78	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	89.02	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	123.64	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	197.82	
08MOD-0068 For Each 1' Of Additional Door Height, Add	39.56	
08MOD-0069 For > 50 To 100, Deduct	-14.04	
08MOD-0070 For > 100, Deduct	-20.09	
08210-0157 EA 3'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door	260.27	38.64
08MOD-0055 For 7 Ply Core, Add	27.45	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	45.75	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0061 For Exterior Grade Door, Add	49.61	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	21.96	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	98.81	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	137.24	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	219.58	
08MOD-0068 For Each 1' Of Additional Door Height, Add	43.92	
08MOD-0069 For > 50 To 100, Deduct	-14.95	
08MOD-0070 For > 100, Deduct	-21.45	
08210-0158 EA 3'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	302.68	40.25
08MOD-0055 For 7 Ply Core, Add	33.33	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	55.54	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0061 For Exterior Grade Door, Add	59.57	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	26.66	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	119.97	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	166.63	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	266.60	
08MOD-0068 For Each 1' Of Additional Door Height, Add	53.32	
08MOD-0069 For > 50 To 100, Deduct	-17.15	
08MOD-0070 For > 100, Deduct	-24.71	
08210-0159 PR Pair 2' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	451.79	67.31
08MOD-0055 For 7 Ply Core, Add	47.58	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	79.30	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0061 For Exterior Grade Door, Add	86.03	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	38.06	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	171.28	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	237.89	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	380.63	
08MOD-0068 For Each 1' Of Additional Door Height, Add	76.13	
08MOD-0069 For > 50 To 100, Deduct	-25.95	
08MOD-0070 For > 100, Deduct	-37.25	
08210-0160 PR Pair 2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	441.20	70.36
08MOD-0055 For 7 Ply Core, Add	45.07	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	75.12	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0061 For Exterior Grade Door, Add	82.16	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	36.06	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	162.26	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	225.36	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	360.58	
08MOD-0068 For Each 1' Of Additional Door Height, Add	72.12	
08MOD-0069 For > 50 To 100, Deduct	-25.58	
08MOD-0070 For > 100, Deduct	-36.61	
08210-0161 PR Pair 3' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	476.54	73.42
08MOD-0055 For 7 Ply Core, Add	49.46	
08MOD-0058 For Solid Wood Staved Core (Glued Block), Add	82.43	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0061 For Exterior Grade Door, Add	89.77	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	39.56	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	178.04	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	247.28	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	395.64	
08MOD-0068 For Each 1' Of Additional Door Height, Add	79.13	
08MOD-0069 For > 50 To 100, Deduct	-27.50	
08MOD-0070 For > 100, Deduct	-39.41	

08210-0162 Luan Faced (08210-0151)

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0163	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	202.93	35.42
		08MOD-0055 For 7 Ply Core, Add	19.81	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	15.85	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	71.32	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	99.06	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	158.50	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	31.70	
		08MOD-0069 For > 50 To 100, Deduct	-11.92	
		08MOD-0070 For > 100, Deduct	-16.99	
08210-0164	EA	2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	206.53	37.04
		08MOD-0055 For 7 Ply Core, Add	19.87	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	15.90	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	71.53	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	99.35	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	158.96	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	31.79	
		08MOD-0069 For > 50 To 100, Deduct	-12.18	
		08MOD-0070 For > 100, Deduct	-17.34	
08210-0165	EA	2'-8" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	210.33	37.04
		08MOD-0055 For 7 Ply Core, Add	20.44	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	16.35	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	73.59	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	102.20	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	163.52	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	32.70	
		08MOD-0069 For > 50 To 100, Deduct	-12.37	
		08MOD-0070 For > 100, Deduct	-17.63	
08210-0166	EA	3' x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	216.32	38.64
		08MOD-0055 For 7 Ply Core, Add	20.85	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	16.68	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	75.08	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	104.27	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	166.84	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	33.37	
		08MOD-0069 For > 50 To 100, Deduct	-12.75	
		08MOD-0070 For > 100, Deduct	-18.16	
08210-0167	EA	3'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	228.88	38.64
		08MOD-0055 For 7 Ply Core, Add	22.74	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	18.19	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	81.86	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	113.69	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	181.91	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	36.38	
		08MOD-0069 For > 50 To 100, Deduct	-13.38	
		08MOD-0070 For > 100, Deduct	-19.10	
08210-0168	EA	3'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	242.92	40.25
		08MOD-0055 For 7 Ply Core, Add	24.36	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	19.49	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	87.70	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	121.81	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	194.89	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	38.98	
		08MOD-0069 For > 50 To 100, Deduct	-14.16	
		08MOD-0070 For > 100, Deduct	-20.23	
08210-0169	PR	Pair 2' x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	398.77	67.31
		08MOD-0055 For 7 Ply Core, Add	39.63	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	31.70	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	142.65	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	198.13	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	317.00	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	63.40	
		08MOD-0069 For > 50 To 100, Deduct	-23.30	
		08MOD-0070 For > 100, Deduct	-33.27	
08210-0170	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	405.67	70.36
		08MOD-0055 For 7 Ply Core, Add	39.74	
		08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
		08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	31.79	
		08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	143.07	
		08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	198.71	
		08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	317.94	
		08MOD-0068 For Each 1' Of Additional Door Height, Add	63.59	
		08MOD-0069 For > 50 To 100, Deduct	-23.80	
		08MOD-0070 For > 100, Deduct	-33.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0171 PR Pair 3' x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	424.92	73.42
08MOD-0055 For 7 Ply Core, Add	41.71	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	33.37	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	150.16	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	208.56	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	333.70	
08MOD-0068 For Each 1' Of Additional Door Height, Add	66.74	
08MOD-0069 For > 50 To 100, Deduct	-24.92	
08MOD-0070 For > 100, Deduct	-35.54	
08210-0172 Plastic Laminated <small>(08210-0151)</small>		
Note: Complete with surface preparation		
08210-0173 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	264.28	35.42
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	23.21	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	104.45	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	145.07	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	232.12	
08MOD-0068 For Each 1' Of Additional Door Height, Add	46.42	
08MOD-0069 For > 50 To 100, Deduct	-14.99	
08MOD-0070 For > 100, Deduct	-21.59	
08210-0174 EA 2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	273.53	37.04
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	23.94	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	107.71	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	149.60	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	239.36	
08MOD-0068 For Each 1' Of Additional Door Height, Add	47.87	
08MOD-0069 For > 50 To 100, Deduct	-15.53	
08MOD-0070 For > 100, Deduct	-22.37	
08210-0175 EA 2'-8" x 7' x 1-3/4" Solid Core Plastic Laminated Door	273.53	37.04
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	23.94	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	107.71	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	149.60	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	239.36	
08MOD-0068 For Each 1' Of Additional Door Height, Add	47.87	
08MOD-0069 For > 50 To 100, Deduct	-15.53	
08MOD-0070 For > 100, Deduct	-22.37	
08210-0176 EA 3'-0" x 7' x 1-3/4" Solid Core Plastic Laminated Door	300.72	38.64
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	26.81	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	120.65	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	167.57	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	268.12	
08MOD-0068 For Each 1' Of Additional Door Height, Add	53.62	
08MOD-0069 For > 50 To 100, Deduct	-16.97	
08MOD-0070 For > 100, Deduct	-24.49	
08210-0177 EA 3'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	312.96	38.64
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	28.28	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	127.26	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	176.75	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	282.80	
08MOD-0068 For Each 1' Of Additional Door Height, Add	56.56	
08MOD-0069 For > 50 To 100, Deduct	-17.58	
08MOD-0070 For > 100, Deduct	-25.40	
08210-0178 EA 3'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	322.29	40.25
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	29.01	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	130.56	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	181.34	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	290.14	
08MOD-0068 For Each 1' Of Additional Door Height, Add	58.03	
08MOD-0069 For > 50 To 100, Deduct	-18.13	
08MOD-0070 For > 100, Deduct	-26.18	
08210-0179 PR Pair 2' x 7' x 1-3/4" Solid Core Plastic Laminated Door	521.45	67.31
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	46.42	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	208.90	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	290.14	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	464.22	
08MOD-0068 For Each 1' Of Additional Door Height, Add	92.84	
08MOD-0069 For > 50 To 100, Deduct	-29.44	
08MOD-0070 For > 100, Deduct	-42.47	
08210-0180 PR Pair 2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door.....	539.66	70.36
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	47.87	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	215.43	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	299.21	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	478.73	
08MOD-0068 For Each 1' Of Additional Door Height, Add	95.75	
08MOD-0069 For > 50 To 100, Deduct	-30.50	
08MOD-0070 For > 100, Deduct	-43.99	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0181	PR	Pair	3' x 7' x 1-3/4" Solid Core Plastic Laminated Door.....	593.70	73.42
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	53.62	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	241.30	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	335.15	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	536.23	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	107.25	
	08MOD-0069		For > 50 To 100, Deduct	-33.36	
	08MOD-0070		For > 100, Deduct	-48.20	
08210-0182			Oak Or Maple Faced (08210-0151)		
08210-0183	EA	2'-0"	Or 2'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	285.05	35.42
	08MOD-0056		For 7 Ply Core, Add	32.13	
	08MOD-0059		For Solid Wood Staved Core (Glued Block), Add	53.55	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	57.09	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	25.70	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	115.67	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	160.65	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	257.04	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	51.41	
	08MOD-0069		For > 50 To 100, Deduct	-16.02	
	08MOD-0070		For > 100, Deduct	-23.15	
08210-0184	EA	2'-6"	x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	288.26	37.04
	08MOD-0056		For 7 Ply Core, Add	32.13	
	08MOD-0059		For Solid Wood Staved Core (Glued Block), Add	53.55	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	57.25	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	25.70	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	115.67	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	160.65	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	257.04	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	51.41	
	08MOD-0069		For > 50 To 100, Deduct	-16.26	
	08MOD-0070		For > 100, Deduct	-23.47	
08210-0185	EA	2'-8"	x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	290.46	37.04
	08MOD-0056		For 7 Ply Core, Add	32.46	
	08MOD-0059		For Solid Wood Staved Core (Glued Block), Add	54.10	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	57.80	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	25.97	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	116.86	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	162.30	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	259.68	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	51.94	
	08MOD-0069		For > 50 To 100, Deduct	-16.37	
	08MOD-0070		For > 100, Deduct	-23.64	
08210-0186	EA	3' x 7'	x 1-3/4" Solid Core, Oak Or Maple Faced Door	295.69	38.64
	08MOD-0056		For 7 Ply Core, Add	32.76	
	08MOD-0059		For Solid Wood Staved Core (Glued Block), Add	54.60	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	58.46	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	26.21	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	117.94	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	163.80	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	262.08	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	52.42	
	08MOD-0069		For > 50 To 100, Deduct	-16.72	
	08MOD-0070		For > 100, Deduct	-24.11	
08210-0187	EA	3'-4"	x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	319.68	38.64
	08MOD-0056		For 7 Ply Core, Add	36.36	
	08MOD-0059		For Solid Wood Staved Core (Glued Block), Add	60.60	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	64.46	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	29.09	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	130.89	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	181.79	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	290.87	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	58.17	
	08MOD-0069		For > 50 To 100, Deduct	-17.92	
	08MOD-0070		For > 100, Deduct	-25.91	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0188	EA 3'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	384.67	40.25
	08MOD-0056 For 7 Ply Core, Add	45.62	
	08MOD-0059 For Solid Wood Staved Core (Glued Block), Add	76.04	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062 For Exterior Grade Door, Add	80.07	
	08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	36.50	
	08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	164.25	
	08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	228.12	
	08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	364.99	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	73.00	
	08MOD-0069 For > 50 To 100, Deduct	-21.25	
	08MOD-0070 For > 100, Deduct	-30.86	
08210-0189	PR Pair 2' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	545.22	67.31
	08MOD-0056 For 7 Ply Core, Add	61.59	
	08MOD-0059 For Solid Wood Staved Core (Glued Block), Add	102.66	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062 For Exterior Grade Door, Add	109.39	
	08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	49.27	
	08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	221.73	
	08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	307.97	
	08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	492.74	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	98.55	
	08MOD-0069 For > 50 To 100, Deduct	-30.63	
	08MOD-0070 For > 100, Deduct	-44.26	
08210-0190	PR Pair 2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	554.23	70.36
	08MOD-0056 For 7 Ply Core, Add	62.03	
	08MOD-0059 For Solid Wood Staved Core (Glued Block), Add	103.38	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062 For Exterior Grade Door, Add	110.41	
	08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	49.62	
	08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	223.30	
	08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	310.13	
	08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	496.21	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	99.24	
	08MOD-0069 For > 50 To 100, Deduct	-31.23	
	08MOD-0070 For > 100, Deduct	-45.09	
08210-0191	PR Pair 3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	582.64	73.42
	08MOD-0056 For 7 Ply Core, Add	65.37	
	08MOD-0059 For Solid Wood Staved Core (Glued Block), Add	108.95	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062 For Exterior Grade Door, Add	116.29	
	08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	52.30	
	08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	235.33	
	08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	326.85	
	08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	522.96	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	104.59	
	08MOD-0069 For > 50 To 100, Deduct	-32.80	
	08MOD-0070 For > 100, Deduct	-47.37	
08210-0192	Walnut Faced (08210-0151)		
08210-0193	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door	399.50	35.42
	08MOD-0057 For 7 Ply Core, Add	49.30	
	08MOD-0060 For Solid Wood Staved Core (Glued Block), Add	115.03	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062 For Exterior Grade Door, Add	85.71	
	08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	39.44	
	08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	177.47	
	08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	246.49	
	08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	394.38	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	78.88	
	08MOD-0069 For > 50 To 100, Deduct	-21.75	
	08MOD-0070 For > 100, Deduct	-31.73	
08210-0194	EA 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	402.81	37.04
	08MOD-0057 For 7 Ply Core, Add	49.31	
	08MOD-0060 For Solid Wood Staved Core (Glued Block), Add	115.06	
	Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062 For Exterior Grade Door, Add	85.89	
	08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	39.45	
	08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	177.53	
	08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	246.56	
	08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	394.50	
	08MOD-0068 For Each 1' Of Additional Door Height, Add	78.90	
	08MOD-0069 For > 50 To 100, Deduct	-21.99	
	08MOD-0070 For > 100, Deduct	-32.06	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0195	EA		2'-8" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	406.21	37.04
	08MOD-0057		For 7 Ply Core, Add	49.82	
	08MOD-0060		For Solid Wood Staved Core (Glued Block), Add	116.25	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	86.74	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	39.86	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	179.36	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	249.11	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	398.58	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	79.72	
	08MOD-0069		For > 50 To 100, Deduct	-22.16	
	08MOD-0070		For > 100, Deduct	-32.32	
08210-0196	EA		3' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	427.13	38.64
	08MOD-0057		For 7 Ply Core, Add	52.48	
	08MOD-0060		For Solid Wood Staved Core (Glued Block), Add	122.44	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	91.32	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	41.98	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	188.91	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	262.38	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	419.81	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	83.96	
	08MOD-0069		For > 50 To 100, Deduct	-23.29	
	08MOD-0070		For > 100, Deduct	-33.97	
08210-0197	EA		3'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	450.12	38.64
	08MOD-0057		For 7 Ply Core, Add	55.92	
	08MOD-0060		For Solid Wood Staved Core (Glued Block), Add	130.49	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	97.07	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	44.74	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	201.33	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	279.62	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	447.40	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	89.48	
	08MOD-0069		For > 50 To 100, Deduct	-24.44	
	08MOD-0070		For > 100, Deduct	-35.69	
08210-0198	EA		3'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	550.30	40.25
	08MOD-0057		For 7 Ply Core, Add	70.47	
	08MOD-0060		For Solid Wood Staved Core (Glued Block), Add	164.43	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	121.47	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	56.37	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	253.69	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	352.34	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	563.75	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	112.75	
	08MOD-0069		For > 50 To 100, Deduct	-29.53	
	08MOD-0070		For > 100, Deduct	-43.29	
08210-0199	PR		Pair 2' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	764.72	67.31
	08MOD-0057		For 7 Ply Core, Add	94.52	
	08MOD-0060		For Solid Wood Staved Core (Glued Block), Add	220.54	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	164.26	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	75.61	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	340.26	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	472.59	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	756.14	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	151.23	
	08MOD-0069		For > 50 To 100, Deduct	-41.60	
	08MOD-0070		For > 100, Deduct	-60.72	
08210-0200	PR		Pair 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	775.23	70.36
	08MOD-0057		For 7 Ply Core, Add	95.18	
	08MOD-0060		For Solid Wood Staved Core (Glued Block), Add	222.08	
			Note: Not used in conjunction with fire rating > 20 minutes.		
	08MOD-0062		For Exterior Grade Door, Add	165.66	
	08MOD-0063		For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
	08MOD-0064		For Commercial Grade 20 Minute Fire Rated Door, Add	76.14	
	08MOD-0065		For Commercial Grade 3/4 Hour Fire Rated Door, Add	342.64	
	08MOD-0066		For Commercial Grade 1 Hour Fire Rated Door, Add	475.88	
	08MOD-0067		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	761.41	
	08MOD-0068		For Each 1' Of Additional Door Height, Add	152.28	
	08MOD-0069		For > 50 To 100, Deduct	-42.28	
	08MOD-0070		For > 100, Deduct	-61.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0201 PR Pair 3' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	836.53	73.42
08MOD-0057 For 7 Ply Core, Add	103.45	
08MOD-0060 For Solid Wood Staved Core (Glued Block), Add	241.39	
<i>Note: Not used in conjunction with fire rating > 20 minutes.</i>		
08MOD-0062 For Exterior Grade Door, Add	179.76	
08MOD-0063 For Mortise Prepared Instead Of Bored Cylinder Prepared Door, Add	35.00	
08MOD-0064 For Commercial Grade 20 Minute Fire Rated Door, Add	82.76	
08MOD-0065 For Commercial Grade 3/4 Hour Fire Rated Door, Add	372.43	
08MOD-0066 For Commercial Grade 1 Hour Fire Rated Door, Add	517.27	
08MOD-0067 For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	827.63	
08MOD-0068 For Each 1' Of Additional Door Height, Add	165.53	
08MOD-0069 For > 50 To 100, Deduct	-45.50	
08MOD-0070 For > 100, Deduct	-66.41	
08210-0202 Manufacturer Prefinished Options For Flush Wood Doors (08210-0207)		
08210-0203 EA Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door	32.92	
<i>Note: Includes any standard manufacturer color on six sides.</i>		
08MOD-0401 For Custom Color To Match Non Standard Manufacturer Finish, Add	10.96	
08210-0204 Wood Doors And Frames Accessories (08210)		
08210-0205 Wood Doors Accessories (08210-0204)		
<i>Note: Excludes removal and reinstallation of door. See CSI section 08110-0279 for vision glass frames and louvers.</i>		
08210-0206 EA Prepare Existing Wood Door (Rated) For Mortise Hardware	119.09	
<i>Note: Requires door to be taken off site for UL certification.</i>		
08210-0207 EA Prepare Existing Wood Door (Non-rated) For Mortise Hardware.....	54.72	
08210-0208 EA Prepare Existing Wood Door (Rated) For Cylindrical Hardware	96.56	
<i>Note: Requires door to be taken off site for UL certification.</i>		
08210-0209 EA Prepare Existing Wood Door (Non-rated) For Cylindrical Hardware.....	16.09	
08210-0210 EA Prepare Existing Wood Door (Rated) For Concealed Vertical Rod.....	177.04	
<i>Note: Requires door to be taken off site for UL certification.</i>		
08210-0211 EA Prepare Existing Wood Door (Non-rated) For Concealed Vertical Rod	112.65	
08210-0212 EA Prepare Existing Wood Door (Rated) For Electric Hardware	119.09	
<i>Note: Requires door to be taken off site for UL certification.</i>		
08210-0213 EA Prepare Existing Door (Non-rated) For Electric Hardware.....	54.72	
08210-0214 SF For 16 Gauge Steel Metal Plate Bolted On Door.....	14.55	
<i>Note: Includes mounting hardware.</i>		
08210-0215 EA For 20 Oz Copper Drip Cap For Exterior Door.....	107.66	
08210-0216 Removal And Reinstallation Of Wood Doors (08210)		
08210-0217 EA Remove And Reinstall Wood Door	66.67	
08210-0218 EA Remove And Reinstall Wood Door Frame	76.98	
08210-0219 EA Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile	29.27	
<i>Note: Excludes removal and reinstallation of door.</i>		
08210-0220 Pre-Hung Interior Door Units (08210)		
<i>Note: All prehung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08710-0000 for finish hardware.</i>		
08210-0221 Hollow Core Doors, 1-3/8" Thick (08210-0220)		
08210-0222 Birch Faced (08210-0221)		
08210-0223 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	267.23	40.25
08MOD-0071 For Each 1' Of Additional Door Height, Add	44.81	
08210-0224 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	278.70	40.25
08MOD-0071 For Each 1' Of Additional Door Height, Add	47.57	
08210-0225 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	293.39	41.87
08MOD-0071 For Each 1' Of Additional Door Height, Add	50.32	
08210-0226 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	300.03	43.47
08MOD-0071 For Each 1' Of Additional Door Height, Add	51.14	
08210-0227 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	320.84	43.47
08MOD-0071 For Each 1' Of Additional Door Height, Add	56.13	
08210-0228 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	339.04	45.08
08MOD-0071 For Each 1' Of Additional Door Height, Add	59.73	
08210-0229 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	505.45	66.02
08MOD-0071 For Each 1' Of Additional Door Height, Add	89.62	
08210-0230 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	538.08	70.85
08MOD-0071 For Each 1' Of Additional Door Height, Add	95.14	
08210-0231 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	577.52	75.68
08MOD-0071 For Each 1' Of Additional Door Height, Add	102.28	
08210-0232 Lauan Faced (08210-0221)		
08210-0233 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	242.80	40.25
08MOD-0071 For Each 1' Of Additional Door Height, Add	38.95	
08210-0234 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	253.81	40.25
08MOD-0071 For Each 1' Of Additional Door Height, Add	41.59	
08210-0235 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	266.30	41.87
08MOD-0071 For Each 1' Of Additional Door Height, Add	43.82	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0236	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door.....	276.08	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	45.39	
08210-0237	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door.....	294.16	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	49.73	
08210-0238	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door.....	310.63	45.08
		08MOD-0071 For Each 1' Of Additional Door Height, Add	52.91	
08210-0239	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door.....	456.62	66.02
		08MOD-0071 For Each 1' Of Additional Door Height, Add	77.90	
08210-0240	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door.....	488.24	70.85
		08MOD-0071 For Each 1' Of Additional Door Height, Add	83.17	
08210-0241	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door.....	529.66	75.68
		08MOD-0071 For Each 1' Of Additional Door Height, Add	90.79	
08210-0242		Tempered Hardboard Faced (08210-0221)		
		Note: Paneled or flush face.		
08210-0243	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Dr.....	207.73	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	30.53	
08210-0244	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	217.01	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	32.76	
08210-0245	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	224.62	41.87
		08MOD-0071 For Each 1' Of Additional Door Height, Add	33.82	
08210-0246	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	236.65	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	35.93	
08210-0247	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	253.11	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	39.88	
08210-0248	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	266.98	45.08
		08MOD-0071 For Each 1' Of Additional Door Height, Add	42.43	
08210-0249	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	386.47	66.02
		08MOD-0071 For Each 1' Of Additional Door Height, Add	61.07	
08210-0250	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	414.67	70.85
		08MOD-0071 For Each 1' Of Additional Door Height, Add	65.52	
08210-0251	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	450.76	75.68
		08MOD-0071 For Each 1' Of Additional Door Height, Add	71.86	
08210-0252		Solid Core Doors, 1-3/8" Thick (08210-0220)		
08210-0253		Birch Faced (08210-0252)		
08210-0254	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	355.45	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	65.99	
08210-0255	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	369.91	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	69.46	
08210-0256	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	387.54	41.87
		08MOD-0071 For Each 1' Of Additional Door Height, Add	72.92	
08210-0257	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	408.37	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	77.14	
08210-0258	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	443.66	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	85.61	
08210-0259	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	478.07	45.08
		08MOD-0071 For Each 1' Of Additional Door Height, Add	93.10	
08210-0260	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	681.90	66.02
		08MOD-0071 For Each 1' Of Additional Door Height, Add	131.97	
08210-0261	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	720.47	70.85
		08MOD-0071 For Each 1' Of Additional Door Height, Add	138.91	
08210-0262	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	794.19	75.68
		08MOD-0071 For Each 1' Of Additional Door Height, Add	154.28	
08210-0263		Luan Faced (08210-0252)		
08210-0264	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	318.54	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	57.13	
08210-0265	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	331.63	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	60.27	
08210-0266	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	347.91	41.87
		08MOD-0071 For Each 1' Of Additional Door Height, Add	63.41	
08210-0267	EA	3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	364.34	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	66.58	
08210-0268	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	394.85	43.47
		08MOD-0071 For Each 1' Of Additional Door Height, Add	73.90	
08210-0269	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	417.78	45.08
		08MOD-0071 For Each 1' Of Additional Door Height, Add	78.63	
08210-0270	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	608.09	66.02
		08MOD-0071 For Each 1' Of Additional Door Height, Add	114.25	
08210-0271	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	643.94	70.85
		08MOD-0071 For Each 1' Of Additional Door Height, Add	120.54	
08210-0272	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door.....	706.14	75.68
		08MOD-0071 For Each 1' Of Additional Door Height, Add	133.15	
08210-0273		Tempered Hardboard Faced (08210-0252)		
		Note: Paneled or flush face.		
08210-0274	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	285.68	40.25
		08MOD-0071 For Each 1' Of Additional Door Height, Add	49.24	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0275	EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	297.56 52.09	40.25
08210-0276	EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	312.69 54.95	41.87
08210-0277	EA 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	320.31 56.01	43.47
08210-0278	EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	346.05 62.19	43.47
08210-0279	EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	365.87 66.17	45.08
08210-0280	PR Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	542.36 98.48	66.02
08210-0281	PR Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	575.77 104.18	70.85
08210-0282	PR Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	618.08 112.02	75.68
08210-0283	Hollow Core Doors, 1-3/4" Thick (08210-0220)		
08210-0284	Birch Faced (08210-0283)		
08210-0285	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	313.88 56.01	40.25
08210-0286	EA 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	322.68 58.12	40.25
08210-0287	EA 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	329.15 58.90	41.87
08210-0288	EA 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	346.73 62.35	43.47
08210-0289	EA 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	384.84 71.50	43.47
08210-0290	EA 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	432.59 82.18	45.08
08210-0291	EA Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	598.79 112.02	66.02
08210-0292	EA Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	626.03 116.24	70.85
08210-0293	EA Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	670.94 124.70	75.68
08210-0294	Lauan Faced (08210-0283)		
08210-0295	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	286.67 49.48	40.25
08210-0296	EA 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	300.88 52.89	40.25
08210-0297	EA 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	315.62 55.66	41.87
08210-0298	EA 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	323.40 56.75	43.47
08210-0299	EA 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	349.40 62.99	43.47
08210-0300	EA 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	369.42 67.02	45.08
08210-0301	EA Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	544.37 98.96	66.02
08210-0302	EA Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	582.43 105.78	70.85
08210-0303	EA Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	624.28 113.50	75.68
08210-0304	Tempered Hardboard Faced (08210-0283)		
	Note: Paneled or flush face.		
08210-0305	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	239.01 38.04	40.25
08210-0306	EA 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	243.43 39.10	40.25
08210-0307	EA 2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	255.45 41.22	41.87
08210-0308	EA 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	267.48 43.33	43.47
08210-0309	EA 3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	277.54 45.74	43.47
08210-0310	EA 3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	292.97 48.67	45.08
08210-0311	EA Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	449.03 76.08	66.02
08210-0312	EA Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	467.53 78.20	70.85
08210-0313	EA Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	512.44 86.66	75.68

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0314		Solid Core Doors, 1-3/4" Thick (08210-0220)		
08210-0315		Birch Faced (08210-0314)		
08210-0316	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	397.55	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	76.09	
08210-0317	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	410.75	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	79.26	
08210-0318	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	418.37	41.87
	08MOD-0071	For Each 1' Of Additional Door Height, Add	80.32	
08210-0319	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	434.79	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	83.48	
08210-0320	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	473.06	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	92.67	
08210-0321	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	514.93	45.08
	08MOD-0071	For Each 1' Of Additional Door Height, Add	101.94	
08210-0322	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	766.11	66.02
	08MOD-0071	For Each 1' Of Additional Door Height, Add	152.18	
08210-0323	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	802.15	70.85
	08MOD-0071	For Each 1' Of Additional Door Height, Add	158.51	
08210-0324	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	847.05	75.68
	08MOD-0071	For Each 1' Of Additional Door Height, Add	166.97	
08210-0325		Lauan Faced (08210-0314)		
08210-0326	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	404.51	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	77.76	
08210-0327	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	405.45	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	77.99	
08210-0328	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	418.00	41.87
	08MOD-0071	For Each 1' Of Additional Door Height, Add	80.23	
08210-0329	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	427.98	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	81.85	
08210-0330	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	458.80	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	89.25	
08210-0331	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	485.82	45.08
	08MOD-0071	For Each 1' Of Additional Door Height, Add	94.96	
08210-0332	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	780.05	66.02
	08MOD-0071	For Each 1' Of Additional Door Height, Add	155.52	
08210-0333	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	791.57	70.85
	08MOD-0071	For Each 1' Of Additional Door Height, Add	155.97	
08210-0334	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	833.42	75.68
	08MOD-0071	For Each 1' Of Additional Door Height, Add	163.70	
08210-0335		Tempered Hardboard Faced (08210-0314)		
		Note: Paneled or flush face.		
08210-0336	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	331.49	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	60.24	
08210-0337	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	335.88	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	61.29	
08210-0338	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	343.51	41.87
	08MOD-0071	For Each 1' Of Additional Door Height, Add	62.35	
08210-0339	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	355.55	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	64.46	
08210-0340	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	375.25	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	69.19	
08210-0341	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	396.93	45.08
	08MOD-0071	For Each 1' Of Additional Door Height, Add	73.62	
08210-0342	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	633.98	66.02
	08MOD-0071	For Each 1' Of Additional Door Height, Add	120.47	
08210-0343	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	652.44	70.85
	08MOD-0071	For Each 1' Of Additional Door Height, Add	122.58	
08210-0344	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	688.55	75.68
	08MOD-0071	For Each 1' Of Additional Door Height, Add	128.93	
08210-0345		Oak Or Maple Faced (08210-0314)		
08210-0346	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	479.15	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	95.67	
08210-0347	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	481.58	40.25
	08MOD-0071	For Each 1' Of Additional Door Height, Add	96.26	
08210-0348	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	505.40	41.87
	08MOD-0071	For Each 1' Of Additional Door Height, Add	101.20	
08210-0349	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	514.00	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	102.49	
08210-0350	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	560.29	43.47
	08MOD-0071	For Each 1' Of Additional Door Height, Add	113.60	
08210-0351	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	618.37	45.08
	08MOD-0071	For Each 1' Of Additional Door Height, Add	126.77	
08210-0352	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	929.30	66.02
	08MOD-0071	For Each 1' Of Additional Door Height, Add	191.35	
08210-0353	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	943.83	70.85
	08MOD-0071	For Each 1' Of Additional Door Height, Add	192.51	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0354	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	1,005.45 204.98	75.68
08210-0355	Walnut Faced <small>(08210-0314)</small>		
08210-0356	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	603.64 125.55	40.25
08210-0357	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	625.39 130.77	40.25
08210-0358	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	635.89 132.52	41.87
08210-0359	EA 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	660.89 137.75	43.47
08210-0360	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	724.03 152.90	43.47
08210-0361	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	791.02 168.20	45.08
08210-0362	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	1,178.28 251.10	66.02
08210-0363	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	1,231.43 261.54	70.85
08210-0364	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door 08MOD-0071 For Each 1' Of Additional Door Height, Add	1,299.25 275.50	75.68
08210-0365	Pocket Door <small>(08210)</small> Note: Includes door, frame and trim, and all mounting and door hardware. See CSI section 08210-0418 for accessories to be added.		
08210-0366	1-3/8" Thick <small>(08210-0365)</small> See CSI section 08210-0418 for all jambs and track hardware.		
08210-0367	6'-8" High <small>(08210-0366)</small>		
08210-0368	EA 2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	374.92 91.04 132.60 193.29 314.35	22.55
08210-0369	EA 2'-4" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	386.14 93.25 135.82 197.98 321.97	24.15
08210-0370	EA 2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	399.35 96.00 139.83 203.83 331.49	25.76
08210-0371	EA 2'-8" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	408.57 97.66 142.24 207.35 337.21	27.38
08210-0372	EA 2'-10" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	421.80 100.42 146.26 213.21 346.74	28.98
08210-0373	EA 3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	433.01 102.63 149.48 217.89 354.35	30.59
08210-0374	EA Pair 2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	740.21 182.08 265.20 386.58 628.69	40.25
08210-0375	EA Pair 2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	782.63 192.01 279.67 407.67 662.99	43.47
08210-0376	EA Pair 3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0072 For Oak, Add 08MOD-0073 For Ash/Hickory, Add 08MOD-0074 For Walnut, Add 08MOD-0075 For Cherry, Add	837.06 205.25 298.96 435.79 708.72	46.70
08210-0377	7' High <small>(08210-0366)</small>		
08210-0378	EA 2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced 08MOD-0076 For Oak, Add 08MOD-0077 For Ash/Hickory, Add 08MOD-0078 For Walnut, Add 08MOD-0079 For Cherry, Add	444.89 93.56 93.56 153.93 289.07	22.55

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0379	EA	2'-4"	x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	466.10	24.15
	08MOD-0076		For Oak, Add	97.77	
	08MOD-0077		For Ash/Hickory, Add	97.77	
	08MOD-0078		For Walnut, Add	160.86	
	08MOD-0079		For Cherry, Add	302.08	
08210-0380	EA	2'-6"	x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	481.32	25.76
	08MOD-0076		For Oak, Add	100.58	
	08MOD-0077		For Ash/Hickory, Add	100.58	
	08MOD-0078		For Walnut, Add	165.48	
	08MOD-0079		For Cherry, Add	310.75	
08210-0381	EA	2'-8"	x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	494.53	27.38
	08MOD-0076		For Oak, Add	102.91	
	08MOD-0077		For Ash/Hickory, Add	102.91	
	08MOD-0078		For Walnut, Add	169.32	
	08MOD-0079		For Cherry, Add	317.98	
08210-0382	EA	2'-10"	x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	505.76	28.98
	08MOD-0076		For Oak, Add	104.79	
	08MOD-0077		For Ash/Hickory, Add	104.79	
	08MOD-0078		For Walnut, Add	172.40	
	08MOD-0079		For Cherry, Add	323.76	
08210-0383	EA	3' x 7'	x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	520.97	30.59
	08MOD-0076		For Oak, Add	107.59	
	08MOD-0077		For Ash/Hickory, Add	107.59	
	08MOD-0078		For Walnut, Add	177.02	
	08MOD-0079		For Cherry, Add	332.43	
08210-0384	EA	Pair 2' x 7'	x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	880.15	40.25
	08MOD-0076		For Oak, Add	187.12	
	08MOD-0077		For Ash/Hickory, Add	187.12	
	08MOD-0078		For Walnut, Add	307.86	
	08MOD-0079		For Cherry, Add	578.14	
08210-0385	EA	Pair 2'-6"	x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	946.55	43.47
	08MOD-0076		For Oak, Add	201.15	
	08MOD-0077		For Ash/Hickory, Add	201.15	
	08MOD-0078		For Walnut, Add	330.95	
	08MOD-0079		For Cherry, Add	621.50	
08210-0386	EA	Pair 3' x 7'	x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,012.98	46.70
	08MOD-0076		For Oak, Add	215.18	
	08MOD-0077		For Ash/Hickory, Add	215.18	
	08MOD-0078		For Walnut, Add	354.04	
	08MOD-0079		For Cherry, Add	664.86	
08210-0387			1-3/4" Thick <small>(08210-0365)</small>		
			See CSI section 08210-0418 for all jambs and track hardware.		
08210-0388			6'-8" High <small>(08210-0387)</small>		
08210-0389	EA	2' x 6'-8"	x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	564.84	22.55
	08MOD-0076		For Oak, Add	121.63	
	08MOD-0077		For Ash/Hickory, Add	121.63	
	08MOD-0078		For Walnut, Add	200.11	
	08MOD-0079		For Cherry, Add	375.79	
08210-0390	EA	2'-4"	x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	592.05	24.15
	08MOD-0076		For Oak, Add	127.24	
	08MOD-0077		For Ash/Hickory, Add	127.24	
	08MOD-0078		For Walnut, Add	209.35	
	08MOD-0079		For Cherry, Add	393.14	
08210-0391	EA	2'-6"	x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	607.26	25.76
	08MOD-0076		For Oak, Add	130.05	
	08MOD-0077		For Ash/Hickory, Add	130.05	
	08MOD-0078		For Walnut, Add	213.96	
	08MOD-0079		For Cherry, Add	401.81	
08210-0392	EA	2'-8"	x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	624.47	27.38
	08MOD-0076		For Oak, Add	133.32	
	08MOD-0077		For Ash/Hickory, Add	133.32	
	08MOD-0078		For Walnut, Add	219.35	
	08MOD-0079		For Cherry, Add	411.92	
08210-0393	EA	2'-10"	x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	639.70	28.98
	08MOD-0076		For Oak, Add	136.13	
	08MOD-0077		For Ash/Hickory, Add	136.13	
	08MOD-0078		For Walnut, Add	223.97	
	08MOD-0079		For Cherry, Add	420.60	
08210-0394	EA	3' x 6'-8"	x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	654.91	30.59
	08MOD-0076		For Oak, Add	138.93	
	08MOD-0077		For Ash/Hickory, Add	138.93	
	08MOD-0078		For Walnut, Add	228.59	
	08MOD-0079		For Cherry, Add	429.27	
08210-0395	EA	Pair 2' x 6'-8"	x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,120.04	40.25
	08MOD-0076		For Oak, Add	243.25	
	08MOD-0077		For Ash/Hickory, Add	243.25	
	08MOD-0078		For Walnut, Add	400.22	
	08MOD-0079		For Cherry, Add	751.58	
08210-0396	EA	Pair 2'-6"	x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,198.44	43.47
	08MOD-0076		For Oak, Add	260.09	
	08MOD-0077		For Ash/Hickory, Add	260.09	
	08MOD-0078		For Walnut, Add	427.93	
	08MOD-0079		For Cherry, Add	803.61	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0397	EA Pair 3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,280.86	46.70
	08MOD-0076 For Oak, Add	277.87	
	08MOD-0077 For Ash/Hickory, Add	277.87	
	08MOD-0078 For Walnut, Add	457.18	
	08MOD-0079 For Cherry, Add	858.54	
08210-0398	7' High (08210-0387)		
08210-0399	EA 2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	604.82	22.55
	08MOD-0076 For Oak, Add	130.98	
	08MOD-0077 For Ash/Hickory, Add	130.98	
	08MOD-0078 For Walnut, Add	215.50	
	08MOD-0079 For Cherry, Add	404.70	
08210-0400	EA 2'-4" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	636.03	24.15
	08MOD-0076 For Oak, Add	137.53	
	08MOD-0077 For Ash/Hickory, Add	137.53	
	08MOD-0078 For Walnut, Add	226.28	
	08MOD-0079 For Cherry, Add	424.94	
08210-0401	EA 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	653.24	25.76
	08MOD-0076 For Oak, Add	140.80	
	08MOD-0077 For Ash/Hickory, Add	140.80	
	08MOD-0078 For Walnut, Add	231.67	
	08MOD-0079 For Cherry, Add	435.05	
08210-0402	EA 2'-8" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	670.45	27.38
	08MOD-0076 For Oak, Add	144.08	
	08MOD-0077 For Ash/Hickory, Add	144.08	
	08MOD-0078 For Walnut, Add	237.05	
	08MOD-0079 For Cherry, Add	445.17	
08210-0403	EA 2'-10" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	685.68	28.98
	08MOD-0076 For Oak, Add	146.89	
	08MOD-0077 For Ash/Hickory, Add	146.89	
	08MOD-0078 For Walnut, Add	241.67	
	08MOD-0079 For Cherry, Add	453.84	
08210-0404	EA 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	702.89	30.59
	08MOD-0076 For Oak, Add	150.16	
	08MOD-0077 For Ash/Hickory, Add	150.16	
	08MOD-0078 For Walnut, Add	247.06	
	08MOD-0079 For Cherry, Add	463.96	
08210-0405	EA Pair 2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,200.01	40.25
	08MOD-0076 For Oak, Add	261.96	
	08MOD-0077 For Ash/Hickory, Add	261.96	
	08MOD-0078 For Walnut, Add	431.01	
	08MOD-0079 For Cherry, Add	809.40	
08210-0406	EA Pair 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,290.40	43.47
	08MOD-0076 For Oak, Add	281.61	
	08MOD-0077 For Ash/Hickory, Add	281.61	
	08MOD-0078 For Walnut, Add	463.33	
	08MOD-0079 For Cherry, Add	870.10	
08210-0407	EA Pair 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,376.81	46.70
	08MOD-0076 For Oak, Add	300.32	
	08MOD-0077 For Ash/Hickory, Add	300.32	
	08MOD-0078 For Walnut, Add	494.12	
	08MOD-0079 For Cherry, Add	927.91	
08210-0408	8' High (08210-0387)		
08210-0409	EA 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	644.80	22.55
	08MOD-0076 For Oak, Add	140.34	
	08MOD-0077 For Ash/Hickory, Add	140.34	
	08MOD-0078 For Walnut, Add	230.90	
	08MOD-0079 For Cherry, Add	433.60	
08210-0410	EA 2'-4" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	676.01	24.15
	08MOD-0076 For Oak, Add	146.89	
	08MOD-0077 For Ash/Hickory, Add	146.89	
	08MOD-0078 For Walnut, Add	241.67	
	08MOD-0079 For Cherry, Add	453.84	
08210-0411	EA 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	695.22	25.76
	08MOD-0076 For Oak, Add	150.63	
	08MOD-0077 For Ash/Hickory, Add	150.63	
	08MOD-0078 For Walnut, Add	247.83	
	08MOD-0079 For Cherry, Add	465.40	
08210-0412	EA 2'-8" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	714.43	27.38
	08MOD-0076 For Oak, Add	154.37	
	08MOD-0077 For Ash/Hickory, Add	154.37	
	08MOD-0078 For Walnut, Add	253.98	
	08MOD-0079 For Cherry, Add	476.96	
08210-0413	EA 2'-10" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	729.66	28.98
	08MOD-0076 For Oak, Add	157.18	
	08MOD-0077 For Ash/Hickory, Add	157.18	
	08MOD-0078 For Walnut, Add	258.60	
	08MOD-0079 For Cherry, Add	485.64	
08210-0414	EA 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	748.87	30.59
	08MOD-0076 For Oak, Add	160.92	
	08MOD-0077 For Ash/Hickory, Add	160.92	
	08MOD-0078 For Walnut, Add	264.76	
	08MOD-0079 For Cherry, Add	497.20	

08000 Doors And Windows**08200 Wood And Plastic Doors****08210 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08210-0415	EA	Pair 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,279.97	40.25
	08MOD-0076	For Oak, Add	280.67	
	08MOD-0077	For Ash/Hickory, Add	280.67	
	08MOD-0078	For Walnut, Add	461.79	
	08MOD-0079	For Cherry, Add	867.21	
08210-0416	EA	Pair 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,374.36	43.47
	08MOD-0076	For Oak, Add	301.26	
	08MOD-0077	For Ash/Hickory, Add	301.26	
	08MOD-0078	For Walnut, Add	495.66	
	08MOD-0079	For Cherry, Add	930.80	
08210-0417	EA	Pair 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,468.77	46.70
	08MOD-0076	For Oak, Add	321.84	
	08MOD-0077	For Ash/Hickory, Add	321.84	
	08MOD-0078	For Walnut, Add	529.52	
	08MOD-0079	For Cherry, Add	994.40	
08210-0418		Accessories (08210-0365)		
08210-0419		Jamb Replacement (08210-0418)		
08210-0420	EA	4-9/16 Or 4-3/4" Jamb, Birch	87.55	
	08MOD-0080	For Oak, Add	6.25	
	08MOD-0081	For Ash/Hickory, Add	9.80	
	08MOD-0082	For Walnut, Add	21.42	
	08MOD-0083	For Cherry, Add	33.92	
08210-0421	EA	5-1/4" Jamb, Birch	89.34	
	08MOD-0080	For Oak, Add	6.46	
	08MOD-0081	For Ash/Hickory, Add	10.11	
	08MOD-0082	For Walnut, Add	22.11	
	08MOD-0083	For Cherry, Add	35.02	
08210-0422	EA	6-9/16" Or 6-3/4" Jamb, Birch	100.94	
	08MOD-0080	For Oak, Add	7.77	
	08MOD-0081	For Ash/Hickory, Add	12.17	
	08MOD-0082	For Walnut, Add	26.60	
	08MOD-0083	For Cherry, Add	42.13	
08210-0423		Track And Hardware Replacement Kits (08210-0418)		
		Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08210-0424	EA	Up To 2'-6" x 6'-8" Door Track And Hardware.....	174.36	
08210-0425	EA	2'-8" x 6'-8" Door Track And Hardware	175.93	
08210-0426	EA	3' x 6'-8" Door Track And Hardware.....	179.08	
08210-0427	EA	Up To 2'-6" x 7' Door Track And Hardware	209.02	
08210-0428	EA	2'-8" x 7' Door Track And Hardware.....	210.60	
08210-0429	EA	3' x 7' Door Track And Hardware	213.75	
08210-0430	EA	Up To 2'-6" x 8' Door Track And Hardware	224.78	
08210-0431	EA	2'-8" x 8' Door Track And Hardware	226.35	
08210-0432	EA	3' x 8' Door Track And Hardware	229.51	
08210-0433	EA	Double Door Converging Kit	25.42	
08220 Plastic Doors (08200)				
08220-0001		Fiberglass Faced Entrance Doors (08220)		
08220-0002	EA	Fiberglass Faced Door, 1-3/4" Standard. H.C., 2/6 X 6/8	421.79	37.04
08220-0003	EA	Fiberglass Faced Door, 1-3/4" Standard. H.C., 2/8 X 6/8	421.79	37.04
08220-0004	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/6 X 6/8.....	432.17	37.04
08220-0005	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/8 X 6/8.....	432.17	37.04
08220-0006	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/6 X 6/8.....	510.02	37.04
08220-0007	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/8 X 6/8.....	510.02	37.04
08220-0008	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/6 X 6/8.....	533.89	37.04
08220-0009	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/8 X 6/8	533.89	37.04
08220-0010	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 2/6 X 7/0	443.59	37.04
08220-0011	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 2/8 X 7/0	443.59	37.04
08220-0012	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/6 X 7/0.....	458.12	37.04
08220-0013	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 2/8 X 7/0.....	458.12	37.04
08220-0014	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/6 X 7/0.....	532.86	37.04
08220-0015	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 2/8 X 7/0.....	532.86	37.04
08220-0016	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/6 X 7/0	558.81	37.04
08220-0017	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 2/8 X 7/0	558.81	37.04
08220-0018	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/0 X 6/8	481.07	38.64
08220-0019	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/0 X 6/8.....	513.25	38.64
08220-0020	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/0 X 6/8.....	598.37	38.64
08220-0021	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/0 X 6/8	625.35	38.64
08220-0022	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/0 X 7/0	536.09	38.64
08220-0023	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/0 X 7/0.....	553.73	38.64
08220-0024	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/0 X 7/0.....	645.08	38.64
08220-0025	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/0 X 7/0	669.99	38.64
08220-0026	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/6 X 6/8	601.59	40.25
08220-0027	EA	Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/6 X 6/8.....	613.00	40.25
08220-0028	EA	Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/6 X 6/8.....	715.77	40.25
08220-0029	EA	Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/6 X 6/8	742.75	40.25
08220-0030	EA	Fiberglass Faced Door, 1-3/4" Standard H.C., 3/6 X 7/0	628.57	40.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08220-0031 EA Fiberglass Faced Door, 1-3/4" 20 Minute Label, 3/6 X 7/0	652.45	40.25
08220-0032 EA Fiberglass Faced Door, 1-3/4" 1 Hour Label, 3/6 X 7/0	760.40	40.25
08220-0033 EA Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 3/6 X 7/0	791.54	40.25
08220-0034 EA Fiberglass Faced Door, 1-3/4" Standard H.C., 4/0 X 6/8	698.33	43.47
08220-0035 EA Fiberglass Faced Door, 1-3/4" 20 Minute Label, 4/0 X 6/8	714.94	43.47
08220-0036 EA Fiberglass Faced Door, 1-3/4" 1 Hour Label, 4/0 X 6/8	835.35	43.47
08220-0037 EA Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 4/0 X 6/8	866.49	43.47
08220-0038 EA Fiberglass Faced Door, 1-3/4" Standard H.C., 4/0 X 7/0	740.89	43.47
08220-0039 EA Fiberglass Faced Door, 1-3/4" 20 Minute Label, 4/0 X 7/0	759.57	43.47
08220-0040 EA Fiberglass Faced Door, 1-3/4" 1 Hour Label, 4/0 X 7/0	879.98	43.47
08220-0041 EA Fiberglass Faced Door, 1-3/4" 1-1/2 Hour Label, 4/0 X 7/0	914.24	43.47
08220-0042 Corrosion Resistant FRP Frames And Doors <small>(08220)</small>		
08220-0043 Corrosion Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0042)</small>		
08220-0044 Corrosion Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0043)</small>		
Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.		
08220-0045 Standard, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0044)</small>		
Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08220-0046 6'-8" High, Standard Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0045)</small>		
08220-0047 EA 3' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,585.39	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0048 EA 3'-6" x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,608.41	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0049 EA 4' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,763.35	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0050 PR Pair 3' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,900.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0051 PR Pair 3'-6" x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,922.75	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0052 PR Pair 4' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,255.10	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0053 7' High, Standard Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0045)</small>		
08220-0054 EA 3' x 7', Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,585.39	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0055 EA 3'-6" x 7', Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,645.81	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0056 EA 4' x 7', Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,802.95	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0057 PR Pair 3' x 7', Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,900.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0058 PR Pair 3'-6" x 7', Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,106.45	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0059 PR Pair 4' x 7', Standard Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,334.30	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0060 Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0044)</small>		
Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08220-0061 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0060)</small>		
08220-0062 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) <small>(08220-0061)</small>		
08220-0063 EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,041.89	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0064 EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,084.71	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0065 EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,206.65	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0066 PR Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,582.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	

08000 Doors And Windows**08200 Wood And Plastic Doors****08220 Plastic Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08220-0067 PR Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,627.85	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0068 PR Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,910.70	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0069 7' High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0061)		
08220-0070 EA 3' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,041.89	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0071 EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,078.11	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0072 EA 4' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,253.95	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0073 PR Pair 3' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,582.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0074 PR Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,614.65	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0075 PR Pair 4' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	4,005.30	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0076 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0060)		
08220-0077 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0076)		
08220-0078 EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,041.89	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0079 EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,084.71	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0080 EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,206.65	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0081 PR Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,582.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0082 PR Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,627.85	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0083 PR Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,910.70	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0084 7' High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0076)		
08220-0085 EA 3' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,041.89	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0086 EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,078.11	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0087 EA 4' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,253.95	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0088 PR Pair 3' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,582.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0089 PR Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,614.65	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0090 PR Pair 4' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	4,005.30	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0091 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0060)		
08220-0092 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0091)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08220-0093 EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,041.89	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0094 EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf).....	2,084.71	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0095 EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,206.65	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0096 PR Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf).....	3,582.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0097 PR Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,627.85	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0098 PR Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf).....	3,970.10	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0099 7' High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0091)		
08220-0100 EA 3' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,041.89	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0101 EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,078.11	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0102 EA 4' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	2,253.95	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0103 PR Pair 3' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	3,582.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0104 PR Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf).....	3,667.45	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0105 PR Pair 4' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	4,066.90	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0106 Storm Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0044)		
Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08220-0107 6'-8" High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0106)		
08220-0108 EA 3' x 6'-8", Storm Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf)	1,642.59	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0109 7' High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Chem-Pruf) (08220-0106)		
08220-0110 EA 3' x 7', Storm Rated, Corrosion-Resistant FRP Door And Frame (Chem-Pruf).....	1,642.59	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0111 Accessories For Corrosion Resistant FRP Doors (Chem-Pruf) (08220-0043)		
08220-0112 SI 1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.23	
08220-0113 SI 1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.37	
08220-0114 SI 1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.31	
08220-0115 SI 1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.33	
08220-0116 SI Factory Installed Molded Louver (Chem-Pruf)	0.23	
08220-0117 SI Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	0.30	
08220-0118 LF Weather Strip (Chem-Pruf)	6.60	
08220-0119 LF FRP Astragal With Seal (Chem-Pruf)	8.80	
08220-0120 LF 1/2" FRP Grooved Saddle Threshold (Chem-Pruf)	17.60	
08220-0121 LF FRP Door Sweep (Chem-Pruf)	22.00	
08220-0122 LF 2-1/4" FRP Center Door Mullion (Chem-Pruf).....	42.90	
08220-0123 Corrosion Resistant FRP Doors And Frames (Skule Door) (08220-0042)		
08220-0124 Corrosion Resistant FRP Doors And Frames (Skule Door) (08220-0123)		
Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08220-0125 Standard, Corrosion-Resistant FRP Doors And Frames (Skule Door) (08220-0124)		
Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08220-0126 6'-8" High, Standard Corrosion-Resistant FRP Doors And Frames (Skule Door) (08220-0125)		

08000 Doors And Windows**08200 Wood And Plastic Doors****08220 Plastic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08220-0127	EA	3' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	1,254.19	38.64
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0128	EA	3'-6" x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Skule Door)	1,271.71	40.25
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0129	EA	4' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	1,333.15	43.47
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0130	PR	Pair 3' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Skule Door)	2,326.84	73.42
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0131	PR	Pair 3'-6" x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,361.55	76.48
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0132	PR	Pair 4' x 6'-8", Standard Corrosion-Resistant FRP Door And Frame (Skule Door)	2,483.80	82.60
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0133		7' High, Standard Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0125)</small>		
08220-0134	EA	3' x 7', Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	1,254.19	38.64
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0135	EA	3'-6" x 7', Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	1,326.71	40.25
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0136	EA	4' x 7', Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	1,333.15	43.47
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0137	PR	Pair 3' x 7', Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,326.84	73.42
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0138	PR	Pair 3'-6" x 7', Standard Corrosion-Resistant FRP Door And Frame (Skule Door)	2,471.55	76.48
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0139	PR	Pair 4' x 7', Standard Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,483.80	82.60
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0140		Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0124)</small>		
		Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08220-0141		45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0140)</small>		
08220-0142		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0141)</small>		
08220-0143	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,079.19	38.64
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0144	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,122.01	40.25
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0145	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,223.05	43.47
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0146	PR	Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,749.14	73.42
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0147	PR	Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	3,834.45	76.48
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0148	PR	Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	4,035.90	82.60
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0149		7' High, 45 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0141)</small>		
08220-0150	EA	3' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,079.19	38.64
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0151	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,137.41	40.25
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0152	EA	4' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,270.35	43.47
		08MOD-0388 For Custom Color Finish, Add	85.00	
		08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0153	PR	Pair 3' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	3,749.14	73.42
		08MOD-0387 For Custom Color Finish, Add	170.00	
		08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08220-0154 PR Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,865.25	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0155 PR Pair 4' x 7', 45 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	4,130.50	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0156 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0140)</small>		
08220-0157 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0156)</small>		
08220-0158 EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,079.19	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0159 EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,122.01	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0160 EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,223.05	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0161 PR Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,749.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0162 PR Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	3,834.45	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0163 PR Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	4,035.90	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0164 7' High, 60 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0156)</small>		
08220-0165 EA 3' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,079.19	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0166 EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,137.41	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0167 EA 4' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,270.35	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0168 PR Pair 3' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	3,749.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0169 PR Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,865.25	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0170 PR Pair 4' x 7', 60 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	4,130.50	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0171 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0140)</small>		
08220-0172 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0171)</small>		
08220-0173 EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,079.19	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0174 EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,122.01	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0175 EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	2,223.05	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0176 PR Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,749.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0177 PR Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door).....	3,834.45	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0178 PR Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	4,035.90	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0179 7' High, 90 Minute Fire Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) <small>(08220-0171)</small>		

08000 Doors And Windows**08200 Wood And Plastic Doors****08220 Plastic Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08220-0180 EA 3' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,079.19	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0181 EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,137.41	40.25
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0182 EA 4' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	2,270.35	43.47
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0183 PR Pair 3' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,749.14	73.42
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0184 PR Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	3,865.25	76.48
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0185 PR Pair 4' x 7', 90 Minute Fire Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	4,130.50	82.60
08MOD-0387 For Custom Color Finish, Add	170.00	
08MOD-0390 For Stainless Steel Continuous Hinge, Add	378.40	
08220-0186 Storm Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) (08220-0124)		
Note: Includes FRP door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08220-0187 6'-8" High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) (08220-0186)		
08220-0188 EA 3' x 6'-8", Storm Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	1,419.19	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0189 7' High, Storm Rated, Corrosion-Resistant FRP Doors And Frames (Skule Door) (08220-0186)		
08220-0190 EA 3' x 7', Storm Rated, Corrosion-Resistant FRP Door And Frame (Skule Door)	1,419.19	38.64
08MOD-0388 For Custom Color Finish, Add	85.00	
08MOD-0389 For Stainless Steel Continuous Hinge, Add	189.20	
08220-0191 Accessories For Corrosion Resistant FRP Doors (Skule Door) (08220-0123)		
08220-0192 SI 1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.52	
08220-0193 SI 1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.53	
08220-0194 SI 1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.57	
08220-0195 SI 1/2" Insulated, Factory Installed Vision Glass (Skule Door)	0.81	
08220-0196 SI Factory Installed Molded Louver (Skule Door)	0.32	
08220-0197 SI Factory Installed Molded Louver With Insect Screen (Skule Door)	0.51	
08220-0198 LF Weather Strip (Skule Door)	4.40	
08220-0199 LF FRP Astragal With Seal (Skule Door)	5.50	
08220-0200 LF 1/2" FRP Grooved Saddle Threshold (Skule Door)	17.60	
08220-0201 LF FRP Door Sweep (Skule Door)	62.70	
08220-0202 LF 2-1/4" FRP Center Door Mullion (Skule Door)	24.20	
08300 Special Doors (08000)		
08305 Access Panels And Doors (08300)		
08305-0001 Stainless Steel Access Doors (08305)		
08305-0002 Fire Rated Stainless Steel Access Doors (08305-0001)		
08305-0003 EA 12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	302.58	36.85
08305-0004 EA 12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	352.99	39.27
08305-0005 EA 18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	413.14	41.53
08305-0006 EA 24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	477.88	43.64
08305-0007 EA 24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	489.05	43.86
08305-0008 EA 24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	632.95	45.22
08305-0009 Stainless Steel Access Doors (08305-0001)		
08305-0010 EA 8" x 8" Stainless Steel Access Door With Cam Latch	117.03	28.27
08305-0011 EA 12" x 12" Stainless Steel Access Door With Cam Latch	140.80	36.85
08305-0012 EA 12" x 18" Stainless Steel Access Door With Cam Latch	203.19	39.27
08305-0013 EA 18" x 18" Stainless Steel Access Door With Cam Latch	218.21	41.53
08305-0014 EA 24" x 18" Stainless Steel Access Door With Cam Latch	254.25	43.64
08305-0015 EA 24" x 24" Stainless Steel Access Door With Cam Latch	290.96	43.86
08305-0016 Steel Access Doors (08305)		
08305-0017 Fire Rated Steel Access Doors (08305-0016)		
08305-0018 EA 12" x 12" Fire Rated Steel Access Door With Cam Latch	165.38	37.08
08305-0019 EA 12" x 18" Fire Rated Steel Access Door With Cam Latch	203.84	39.27
08305-0020 EA 18" x 18" Fire Rated Steel Access Door With Cam Latch	204.03	41.53
08305-0021 EA 24" x 18" Fire Rated Steel Access Door With Cam Latch	241.56	43.86



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08305-0022 EA 24" x 24" Fire Rated Steel Access Door With Cam Latch.....	252.22	43.86
08305-0023 EA 24" x 36" Fire Rated Steel Access Door With Cam Latch.....	332.06	45.22
08305-0024 EA 24" x 48" Fire Rated Steel Access Door With Cam Latch.....	382.02	47.11
08305-0025 EA 36" x 36" Fire Rated Steel Access Door With Cam Latch.....	470.25	47.11
08305-0026 EA 48" x 48" Fire Rated Steel Access Door With Cam Latch.....	602.77	56.53
08305-0027 Steel Access Doors (08305-0016)		
08305-0028 EA 8" x 8" Steel Access Door With Cam Latch.....	86.97	28.42
08305-0029 EA 12" x 12" Steel Access Door With Cam Latch.....	93.13	37.08
08305-0030 EA 12" x 18" Steel Access Door With Cam Latch.....	106.73	39.27
08305-0031 EA 18" x 18" Steel Access Door With Cam Latch.....	109.87	41.53
08305-0032 EA 24" x 18" Steel Access Door With Cam Latch.....	129.64	43.86
08305-0033 EA 24" x 24" Steel Access Door With Cam Latch.....	132.58	43.86
08305-0034 EA 24" x 36" Steel Access Door With Cam Latch.....	171.57	45.22
08305-0035 EA 36" x 36" Steel Access Door With Cam Latch.....	224.40	47.11
08305-0036 Steel Recessed Access Doors For Drywall Application (08305)		
08305-0037 EA 8" x 8" Recessed Steel Access Door With Cam Latch.....	122.26	28.27
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	12.75	
08305-0038 EA 12" x 12" Recessed Steel Access Door With Cam Latch.....	128.07	30.30
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	14.10	
08305-0039 EA 12" x 18" Recessed Steel Access Door With Cam Latch.....	137.56	32.03
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	14.62	
08305-0040 EA 18" x 18" Recessed Steel Access Door With Cam Latch.....	160.80	33.92
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	13.19	
08305-0041 EA 24" x 18" Recessed Steel Access Door With Cam Latch.....	169.21	35.80
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	14.00	
08305-0042 EA 24" x 24" Recessed Steel Access Door With Cam Latch.....	184.71	35.80
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	11.68	
08305-0043 EA 24" x 36" Recessed Steel Access Door With Cam Latch.....	230.19	45.22
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	15.21	
08305-0044 EA 36" x 36" Recessed Steel Access Door With Cam Latch.....	326.03	47.11
08MOD-0084 For Recessed Doors In Acoustical Tile, Add	2.91	
08305-0045 Steel Crawl Space Doors And Frames (08305)		
08305-0046 EA 24" x 24" Steel Crawl Space Door With Cam Latch.....	141.13	47.70
08305-0047 EA 30" x 24" Steel Crawl Space Door With Cam Latch.....	197.22	57.81
08305-0048 EA 30" x 30" Steel Crawl Space Door With Cam Latch.....	220.81	62.78
08310 Sliding Metal Fire Doors (08300)		
08310-0001 Motor Operated Fire Door (08310)		
Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.		
08310-0002 EA 3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	3,049.12	396.07
08310-0003 EA 3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	3,219.13	396.07
08310-0004 EA 4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	3,501.03	396.07
08310-0005 EA 5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	3,810.47	396.07
08320 Security Door (08300)		
08320-0001 Security Doors (08320)		
08320-0002 Metal Security Doors, Bullet Resistant (08320-0001)		
Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08320-0003 SF Metal Security Door.....	40.71	6.50
08320-0004 EA (.38 caliber) Medium-Small Arms Metal Security Door.....	1,642.57	324.39
08320-0005 EA (.44 caliber) Super-Small Arms Metal Security Door.....	1,927.96	344.35
08320-0006 Metal Security Doors (08320-0001)		
Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08320-0007 EA Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O).....	601.29	59.41
Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08320-0008 EA Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O).....	601.29	59.41
Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08320-0009 EA Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O).....	842.55	59.41
Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		
08330 Coiling Doors (08300)		
08330-0001 Aluminum Overhead Coiling Counter Shutters (Width x Height) (08330)		
08330-0002 Aluminum Overhead Coiling Counter Shutters (08330-0001)		
Note: Includes necessary anchors, track and hardware. Excludes steel framing supports.		

08000 Doors And Windows**08300 Special Doors****08330 Coiling Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08330-0003	EA	4' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,761.89	316.86
	08MOD-0245	For Steel Doors, Deduct	-35.00	
	08MOD-0252	For Stainless Steel Doors, Add	78.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	729.22	
08330-0004	EA	6' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,968.87	316.86
	08MOD-0246	For Steel Doors, Deduct	-71.00	
	08MOD-0253	For Stainless Steel Doors, Add	130.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	729.22	
08330-0005	EA	8' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,215.79	336.66
	08MOD-0247	For Steel Doors, Deduct	-115.00	
	08MOD-0254	For Stainless Steel Doors, Add	225.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	733.21	
08330-0006	EA	10' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,575.93	396.07
	08MOD-0248	For Steel Doors, Deduct	-142.00	
	08MOD-0255	For Stainless Steel Doors, Add	315.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	748.53	
08330-0007	EA	4' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,921.59	316.86
	08MOD-0249	For Steel Doors, Deduct	-40.00	
	08MOD-0256	For Stainless Steel Doors, Add	85.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	729.22	
08330-0008	EA	6' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,216.59	352.03
	08MOD-0250	For Steel Doors, Deduct	-80.00	
	08MOD-0257	For Stainless Steel Doors, Add	145.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	738.02	
08330-0009	EA	10' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,740.57	396.07
	08MOD-0251	For Steel Doors, Deduct	-156.00	
	08MOD-0258	For Stainless Steel Doors, Add	240.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	749.02	
08330-0010		Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters <small>(08330-0001)</small>		
		Note: Includes stainless steel frame and sill, necessary anchors, track and hardware. Excludes steel framing supports.		
08330-0011	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	6,057.40	316.86
	08MOD-0245	For Steel Doors, Deduct	-35.00	
	08MOD-0252	For Stainless Steel Doors, Add	78.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	729.22	
08330-0012	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	6,430.21	316.86
	08MOD-0246	For Steel Doors, Deduct	-71.00	
	08MOD-0253	For Stainless Steel Doors, Add	130.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	729.22	
08330-0013	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	6,857.00	336.66
	08MOD-0247	For Steel Doors, Deduct	-115.00	
	08MOD-0254	For Stainless Steel Doors, Add	225.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	733.21	
08330-0014	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	7,421.10	396.07
	08MOD-0248	For Steel Doors, Deduct	-142.00	
	08MOD-0255	For Stainless Steel Doors, Add	315.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	748.53	
08330-0015	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	6,276.37	316.86
	08MOD-0249	For Steel Doors, Deduct	-40.00	
	08MOD-0256	For Stainless Steel Doors, Add	85.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	729.22	
08330-0016	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	6,707.83	352.03
	08MOD-0250	For Steel Doors, Deduct	-80.00	
	08MOD-0257	For Stainless Steel Doors, Add	145.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	738.02	
08330-0017	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	7,878.01	396.07
	08MOD-0251	For Steel Doors, Deduct	-156.00	
	08MOD-0258	For Stainless Steel Doors, Add	240.00	
	08MOD-0259	For Fire Rated, Add	65.00	
	08MOD-0260	For Motor Operator (With Safety Reverse), Add	749.02	
08330-0018		Galvanized Steel Overhead Coiling Doors (Width x Height) <small>(08330)</small>		
08330-0019		26 Gauge Galvanized Steel Overhead Coiling Doors, Storage Unit Style <small>(08330-0018)</small>		
08330-0020	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	542.50	177.11
08330-0021	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	600.65	193.21
08330-0022	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	597.61	193.21
08330-0023	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	659.76	209.31
08330-0024	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	652.77	209.31
08330-0025	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	714.58	225.41
08330-0026	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	787.97	241.52



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08330-0027	EA 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	693.61	209.31
08330-0028	EA 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	747.54	225.41
08330-0029	EA 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	811.05	241.52
08330-0030	EA 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	903.79	257.62
08330-0031	EA 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	839.04	257.62
08330-0032	EA 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	883.87	257.62
08330-0033	EA 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	975.87	273.71
08330-0034	EA 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,038.89	289.82
08330-0035	24 Gauge Galvanized Steel Overhead Coiling Doors (08330-0018)		
	Note: With curtain hood (barrel cover)		
08330-0036	EA 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,849.20	209.31
	08MOD-0385 For Insulated, Add	1,104.33	
08330-0037	EA 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,930.85	225.41
	08MOD-0385 For Insulated, Add	1,143.83	
08330-0038	EA 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,140.29	257.62
	08MOD-0385 For Insulated, Add	1,257.44	
08330-0039	EA 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,291.14	257.62
	08MOD-0385 For Insulated, Add	1,370.57	
08330-0040	EA 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,083.87	257.62
	08MOD-0385 For Insulated, Add	1,215.12	
08330-0041	EA 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,196.64	257.62
	08MOD-0385 For Insulated, Add	1,299.70	
08330-0042	EA 10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,373.74	289.82
	08MOD-0385 For Insulated, Add	1,389.10	
08330-0043	EA 10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,536.26	289.82
	08MOD-0385 For Insulated, Add	1,510.99	
08330-0044	EA 12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,295.95	289.82
	08MOD-0385 For Insulated, Add	1,330.75	
08330-0045	EA 12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,491.06	322.02
	08MOD-0385 For Insulated, Add	1,433.57	
08330-0046	EA 12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,782.73	402.53
	08MOD-0385 For Insulated, Add	1,543.65	
08330-0047	EA 12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,020.13	402.53
	08MOD-0385 For Insulated, Add	1,721.70	
08330-0048	EA 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,995.40	402.53
	08MOD-0385 For Insulated, Add	1,703.15	
08330-0049	EA 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,267.35	402.53
	08MOD-0385 For Insulated, Add	1,907.11	
08330-0050	EA 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,555.77	402.53
	08MOD-0385 For Insulated, Add	2,123.43	
08330-0051	22 Gauge Galvanized Steel Overhead Coiling Doors (08330-0018)		
	Note: With curtain hood (barrel cover)		
08330-0052	EA 4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,619.03	193.21
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	184.90	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	308.16	
	08MOD-0385 For Insulated, Add	953.46	
08330-0053	EA 4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,774.54	209.31
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	203.39	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	338.98	
	08MOD-0385 For Insulated, Add	1,048.32	
08330-0054	EA 4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,888.18	225.41
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	215.60	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	359.33	
	08MOD-0385 For Insulated, Add	1,111.79	
08330-0055	EA 6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,789.14	209.31
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	205.58	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	342.63	
	08MOD-0385 For Insulated, Add	1,059.27	
08330-0056	EA 6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,958.42	225.41
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	226.13	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	376.89	
	08MOD-0385 For Insulated, Add	1,164.47	
08330-0057	EA 6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,148.71	257.62
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	245.02	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	408.37	
	08MOD-0385 For Insulated, Add	1,263.75	
08330-0058	EA 6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,600.66	289.82
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	303.16	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	505.27	
	08MOD-0385 For Insulated, Add	1,559.27	
08330-0059	EA 6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,052.69	322.02
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	361.30	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	602.17	
	08MOD-0385 For Insulated, Add	1,854.80	
08330-0060	EA 8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,934.33	209.31
	08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	227.35	
	08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	378.92	
	08MOD-0385 For Insulated, Add	1,168.17	

08000 Doors And Windows**08300 Special Doors****08330 Coiling Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08330-0061	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,182.48	257.62
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	250.09	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	416.81	
		08MOD-0385 For Insulated, Add	1,289.08	
08330-0062	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,449.16	322.02
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	270.77	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	451.28	
		08MOD-0385 For Insulated, Add	1,402.15	
08330-0063	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,883.73	354.22
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	326.31	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	543.85	
		08MOD-0385 For Insulated, Add	1,684.66	
08330-0064	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,318.59	386.42
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	381.84	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	636.41	
		08MOD-0385 For Insulated, Add	1,967.19	
08330-0065	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,492.05	330.07
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	274.79	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	457.98	
		08MOD-0385 For Insulated, Add	1,423.44	
08330-0066	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,841.17	402.53
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	305.42	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	509.03	
		08MOD-0385 For Insulated, Add	1,587.48	
08330-0067	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,389.48	483.02
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	363.54	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	605.91	
		08MOD-0385 For Insulated, Add	1,890.15	
08330-0068	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,970.29	579.63
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	421.67	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	702.78	
		08MOD-0385 For Insulated, Add	2,195.28	
08330-0069	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,569.30	708.44
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	472.80	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	787.99	
		08MOD-0385 For Insulated, Add	2,470.28	
08330-0070	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,038.01	772.85
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	523.92	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	873.21	
		08MOD-0385 For Insulated, Add	2,735.50	
08330-0071	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,507.36	837.25
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	575.05	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	958.42	
		08MOD-0385 For Insulated, Add	3,000.78	
08330-0072	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,976.08	901.65
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	625.96	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	1,043.27	
		08MOD-0385 For Insulated, Add	3,265.03	
08330-0073	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	2,822.80	386.42
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	307.47	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	512.46	
		08MOD-0385 For Insulated, Add	1,595.35	
08330-0074	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,227.52	483.02
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	339.25	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	565.42	
		08MOD-0385 For Insulated, Add	1,768.68	
08330-0075	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	3,869.37	547.43
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	416.22	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	693.70	
		08MOD-0385 For Insulated, Add	2,163.20	
08330-0076	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	4,576.02	644.03
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	493.19	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	821.99	
		08MOD-0385 For Insulated, Add	2,562.56	
08330-0077	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,275.06	772.85
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	559.48	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	932.47	
		08MOD-0385 For Insulated, Add	2,913.29	
08330-0078	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,845.49	837.25
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	625.77	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	1,042.95	
		08MOD-0385 For Insulated, Add	3,254.38	
08330-0079	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,481.59	933.85
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	692.06	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	1,153.43	
		08MOD-0385 For Insulated, Add	3,600.39	
08330-0080	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,117.22	1,030.46
		08MOD-0095 For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	758.35	
		08MOD-0096 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	1,263.91	
		08MOD-0385 For Insulated, Add	3,946.35	

08330-0081 20 Gauge Galvanized Steel Overhead Coiling Doors (08330-0018)
 Note: With curtain hood (barrel cover)



Doors And Windows 08000	08
Special Doors 08300	
Coiling Doors 08330	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08330-0082	EA 14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	3,585.45 392.94 2,037.13	483.02
08330-0083	EA 14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	4,069.83 446.29 2,313.54	547.43
08330-0084	EA 14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	4,649.03 513.83 2,660.93	611.84
08330-0085	EA 14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	5,169.72 572.51 2,964.01	676.24
08330-0086	EA 14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	5,850.25 636.02 3,300.88	805.04
08330-0087	EA 14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	6,401.78 699.45 3,627.67	869.45
08330-0088	EA 14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	7,657.80 858.74 4,438.65	966.05
08330-0089	EA 14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	8,910.93 1,018.02 5,249.41	1,062.66
08330-0090	EA 16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	4,435.24 491.41 2,543.99	579.63
08330-0091	EA 16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	4,983.45 554.31 2,868.13	644.03
08330-0092	EA 16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	5,538.34 608.57 3,153.93	740.64
08330-0093	EA 16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	6,109.20 665.33 3,452.16	837.25
08330-0094	EA 16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	6,664.88 729.28 3,781.63	901.65
08330-0095	EA 16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	7,311.74 806.83 4,179.10	966.05
08330-0096	EA 16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	8,281.11 932.93 4,819.27	1,030.46
08330-0097	EA 16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	9,259.54 1,060.34 5,466.00	1,094.86
08330-0098	EA 18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	4,847.71 514.56 2,679.08	708.44
08330-0099	EA 18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	5,339.65 569.17 2,961.73	772.85
08330-0100	EA 18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	6,124.63 657.88 3,419.81	869.45
08330-0101	EA 18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	6,798.76 729.88 3,794.37	966.05
08330-0102	EA 18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	7,411.92 802.55 4,167.37	1,030.46
08330-0103	EA 18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	8,025.99 875.31 4,540.84	1,094.86
08330-0104	EA 18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	9,158.39 1,025.76 5,302.78	1,159.26
08330-0105	EA 18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	10,314.82 1,180.18 6,084.43	1,223.67
08330-0106	EA 20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	5,446.71 585.23 3,042.03	772.85
08330-0107	EA 20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0097 For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>08MOD-0385 For Insulated, Add</i>	6,366.84 703.97 3,645.39	837.25
08330-0108	18 Gauge Galvanized Steel Overhead Coiling Doors (08330-0018) Note: With curtain hood (barrel cover)		
08330-0109	EA 20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>08MOD-0385 For Insulated, Add</i>	7,577.71 4,422.48	933.85

08000 Doors And Windows**08300 Special Doors****08330 Coiling Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08330-0110	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	8,593.05 5,096.39	998.26
08330-0111	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	9,763.35 5,886.83	1,062.66
08330-0112	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	11,079.97 6,787.83	1,127.07
08330-0113	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	12,402.21 7,693.95	1,191.47
08330-0114	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	13,752.12 8,618.60	1,255.87
08330-0115	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	6,094.52 3,441.15	837.25
08330-0116	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	7,163.49 4,155.59	901.65
08330-0117	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	8,465.93 5,001.05	998.26
08330-0118	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	9,799.95 5,916.17	1,062.66
08330-0119	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	11,143.02 6,835.12	1,127.07
08330-0120	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	12,628.92 7,863.98	1,191.47
08330-0121	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	14,122.98 8,896.74	1,255.87
08330-0122	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	15,604.84 9,921.97	1,320.27
08330-0123	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	6,684.87 3,796.62	901.65
08330-0124	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	7,457.09 4,288.12	966.05
08330-0125	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	9,180.01 5,451.22	1,062.66
08330-0126	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	10,678.84 6,486.98	1,127.07
08330-0127	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	12,113.34 7,477.30	1,191.47
08330-0128	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	13,697.01 8,577.27	1,255.87
08330-0129	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	15,549.80 9,880.69	1,320.27
08330-0130	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>08MOD-0385 For Insulated, Add</i>	17,455.91 11,221.34	1,384.67

08330-0131 Aluminum Overhead Coiling Doors (Width x Height) (08330)**08330-0132 0.04" Aluminum Overhead Coiling Doors (08330-0131)**

08330-0133	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,376.73	193.21
08330-0134	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,506.07	209.31
08330-0135	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,900.60	225.41
08330-0136	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,702.30	209.31
08330-0137	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,854.65	225.41
08330-0138	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,039.16	257.62
08330-0139	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,259.70	289.82
08330-0140	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,482.94	322.02
08330-0141	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,850.55	209.31
08330-0142	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,109.74	257.62
08330-0143	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,403.66	322.02
08330-0144	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,624.34	354.22
08330-0145	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,846.17	386.42
08330-0146	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,448.61	338.11
08330-0147	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,738.80	402.53
08330-0148	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,098.67	483.02
08330-0149	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,492.13	579.63
08330-0150	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,092.56	708.44
08330-0151	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,562.62	772.85
08330-0152	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,030.04	837.25
08330-0153	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,499.24	901.65
08330-0154	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,702.68	386.42
08330-0155	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,285.38	483.02
08330-0156	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,717.88	547.43
08330-0157	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,217.03	644.03
08330-0158	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,888.14	772.85
08330-0159	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,432.20	837.25
08330-0160	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,813.24	933.85
08330-0161	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,195.94	1,030.46

08330-0162 0.05" Aluminum Overhead Coiling Doors (08330-0131)

08330-0163	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	3,134.89	483.02
08330-0164	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	3,697.39	547.43
08330-0165	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,249.85	611.84
08330-0166	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,761.84	676.24



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08330-0167	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,434.77	805.04
08330-0168	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,979.27	869.45
08330-0169	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,598.22	966.05
08330-0170	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,214.38	1,062.66
08330-0171	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	3,719.66	579.63
08330-0172	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,306.76	644.03
08330-0173	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,934.98	740.64
08330-0174	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,579.22	837.25
08330-0175	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,206.53	901.65
08330-0176	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,872.89	966.05
08330-0177	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,507.23	1,030.46
08330-0178	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,102.15	1,094.86
08330-0179	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,261.46	708.44
08330-0180	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,887.29	772.85
08330-0181	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,637.09	869.45
08330-0182	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,377.46	966.05
08330-0183	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,060.60	1,030.46
08330-0184	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,738.95	1,094.86
08330-0185	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,416.40	1,159.26
08330-0186	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,096.48	1,223.67
08330-0187	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	4,774.35	772.85
08330-0188	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,412.37	837.25
08330-0189	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,457.46	933.85
08330-0190	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,090.37	998.26
08330-0191	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,840.62	1,062.66
08330-0192	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,618.37	1,127.07
08330-0193	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,350.90	1,191.47
08330-0194	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,113.70	1,255.87
08330-0195	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,476.55	837.25
08330-0196	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,257.86	901.65
08330-0197	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,196.89	998.26
08330-0198	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,051.08	1,062.66
08330-0199	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,908.43	1,127.07
08330-0200	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,770.59	1,191.47
08330-0201	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,587.29	1,255.87
08330-0202	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,408.00	1,320.27
08330-0203	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,002.44	901.65
08330-0204	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,523.77	966.05
08330-0205	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,795.69	1,062.66
08330-0206	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,759.53	1,127.07
08330-0207	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,666.63	1,191.47
08330-0208	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,577.03	1,255.87
08330-0209	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,618.49	1,320.27
08330-0210	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,702.58	1,384.67

08330-0211 Removal And Reinstallation Of Roll-Up Door And Support (08330)

Note: Includes storage, cleaning and supply materials.

08330-0212	SF	Remove And Reinstall Metal Roll-up Door And Supports.....	13.74	
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08330-0213 Overhead Coiling Door Accessories (08330)

08330-0214	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only.....	1.80	0.81
08330-0215	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors.....	17.84	0.97
08330-0216	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors.....	15.02	0.97
08330-0217	EA	Cylinder Lock For Coiling Doors.....	153.98	40.25
08330-0218	EA	Jackshaft Operator For Coiling Doors.....	993.03	128.80
		Note: Includes three button inside station controls and mounting hardware.		
08330-0219	EA	Remote Transmitter Kit For Coiling Door Operators.....	204.36	64.40

08331 High Speed Doors (08300)

08331-0001 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08331)

Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

08331-0002 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08331-0001)

08331-0003 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08331-0002)

08331-0004	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,717.05	257.62
08331-0005	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,858.29	268.56
08331-0006	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,030.12	279.51
08331-0007	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,247.86	290.46
08331-0008	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,478.86	301.41
08331-0009	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,868.97	312.36
08331-0010	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,145.87	323.30

08000 Doors And Windows**08300 Special Doors****08331 High Speed Doors**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08331-0011			7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)		
			(08331-0002)		
08331-0012	EA		7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,888.89	268.56
08331-0013	EA		7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,068.88	279.51
08331-0014	EA		7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,294.78	290.46
08331-0015	EA		7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,533.94	301.41
08331-0016	EA		7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,849.59	312.36
08331-0017	EA		7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,230.53	323.30
08331-0018	EA		7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,530.89	334.25
08331-0019			8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)		
			(08331-0002)		
08331-0020	EA		8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,099.48	279.51
08331-0021	EA		8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,324.36	290.46
08331-0022	EA		8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,572.70	301.41
08331-0023	EA		8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,897.53	312.36
08331-0024	EA		8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,190.75	323.30
08331-0025	EA		8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,605.35	334.25
08331-0026	EA		8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,945.49	345.20
08331-0027			9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)		
			(08331-0002)		
08331-0028	EA		9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,354.96	290.46
08331-0029	EA		9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,602.28	301.41
08331-0030	EA		9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,927.11	312.36
08331-0031	EA		9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,229.51	323.30
08331-0032	EA		9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,547.21	334.25
08331-0033	EA		9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,877.15	345.20
08331-0034	EA		9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,238.71	356.15
08331-0035			10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)		
			(08331-0002)		
08331-0036	EA		10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,626.76	301.41
08331-0037	EA		10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,957.71	312.36
08331-0038	EA		10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,258.07	323.30
08331-0039	EA		10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,577.81	334.25
08331-0040	EA		10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,933.25	345.20
08331-0041	EA		10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,298.89	356.15
08331-0042	EA		10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,609.44	367.10
08331-0043			11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)		
			(08331-0002)		
08331-0044	EA		11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,976.07	312.36
08331-0045	EA		11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,283.57	323.30
08331-0046	EA		11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,607.39	334.25
08331-0047	EA		11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,963.85	345.20
08331-0048	EA		11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,196.89	356.15
08331-0049	EA		11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,660.44	367.10
08331-0050	EA		11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,039.34	378.04
08331-0051			12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)		
			(08331-0002)		
08331-0052	EA		12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,291.73	323.30
08331-0053	EA		12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,624.73	334.25
08331-0054	EA		12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,987.31	345.20
08331-0055	EA		12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,229.53	356.15
08331-0056	EA		12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,547.22	367.10
08331-0057	EA		12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,082.18	378.04
08331-0058	EA		12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,453.94	389.00
08331-0059			Rytec® PredaDoor® Door Options (08331-0001)		
08331-0060	EA		Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	306.00	64.40
08331-0061	EA		>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	510.00	64.40
08331-0062	SF		Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....	7.65	
08331-0063			3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08331)		
			Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08331-0064			3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08331-0063)		
08331-0065			8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08331-0064)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08331-0066	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	12,822.11	386.42
08331-0067	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,412.14	397.37
08331-0068	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,923.64	408.31
08331-0069	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,475.93	419.27
08331-0070	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,102.69	430.22
08331-0071	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,426.51	441.17
08331-0072	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,938.00	452.12
08331-0073		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08331-0064)</small>		
08331-0074	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,412.14	397.37
08331-0075	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,923.64	408.31
08331-0076	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,475.93	419.27
08331-0077	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,102.69	430.22
08331-0078	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,426.51	441.17
08331-0079	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,938.00	452.12
08331-0080	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,602.50	463.06
08331-0081		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08331-0064)</small>		
08331-0082	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	13,923.64	408.31
08331-0083	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,475.93	419.27
08331-0084	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,102.69	430.22
08331-0085	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,426.51	441.17
08331-0086	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,938.00	452.12
08331-0087	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,602.50	463.06
08331-0088	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,229.27	474.01
08331-0089		11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08331-0064)</small>		
08331-0090	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,475.93	419.27
08331-0091	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,102.69	430.22
08331-0092	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,426.51	441.17
08331-0093	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,938.00	452.12
08331-0094	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,602.50	463.06
08331-0095	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,229.27	474.01
08331-0096	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,930.48	484.96
08331-0097		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08331-0064)</small>		
08331-0098	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,102.69	430.22
08331-0099	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,426.51	441.17
08331-0100	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,938.00	452.12
08331-0101	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,602.50	463.06
08331-0102	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,229.27	474.01
08331-0103	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,930.48	484.96
08331-0104	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,431.78	495.91
08331-0105		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08331-0064)</small>		
08331-0106	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,815.13	441.17
08331-0107	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,473.50	452.12
08331-0108	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,097.20	463.06
08331-0109	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,823.93	474.01
08331-0110	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,547.58	484.96
08331-0111	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,081.52	495.91
08331-0112	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,483.87	506.86
08331-0113		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08331-0064)</small>		
08331-0114	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,473.50	452.12
08331-0115	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,097.20	463.06
08331-0116	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,823.93	474.01
08331-0117	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,547.58	484.96
08331-0118	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,081.52	495.91
08331-0119	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,483.87	506.86
08331-0120	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,088.19	517.81
08331-0121		Rytec® Fast-Seal® Door Options <small>(08331-0063)</small>		
08331-0122	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors 30.60 Note: Multiply linear foot price x width of door.	30.60	
08331-0123	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors 306.00	306.00	
08331-0124	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors 510.00	510.00	
08331-0125	EA	One 17" x 17", 2mm Thick, Replaceable PVC Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors 193.80	193.80	

08000 Doors And Windows**08300 Special Doors****08331 High Speed Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08331-0126	EA	Two 17" x 17", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	382.50	
08331-0127	EA	Three 17" x 17", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	484.50	
08331-0128	EA	Four 17" x 17", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	765.00	
08331-0129	EA	One 24" x 24", 2mm Thick, Replaceable PVC Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	224.40	
08331-0130	EA	Two 24" x 24", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	443.70	
08331-0131	EA	Three 24" x 24", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	550.80	
08331-0132	EA	Four 24" x 24", 2mm Thick, Replaceable PVC Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	887.40	
08331-0133		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) <small>(08331)</small> Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weatherseal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08331-0134		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) <small>(08331-0133)</small>		
08331-0135		8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0136	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	18,290.90	515.23
08331-0137	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	18,823.82	526.18
08331-0138	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,356.73	537.13
08331-0139	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,889.65	548.07
08331-0140	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,422.57	559.02
08331-0141	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,955.48	569.97
08331-0142	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,509.42	580.92
08331-0143		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0144	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	18,823.82	526.18
08331-0145	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,356.73	537.13
08331-0146	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,889.65	548.07
08331-0147	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,422.57	559.02
08331-0148	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,955.48	569.97
08331-0149	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,488.40	580.92
08331-0150	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,042.33	591.87
08331-0151		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0152	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,356.73	537.13
08331-0153	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,889.65	548.07
08331-0154	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,422.57	559.02
08331-0155	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,955.48	569.97
08331-0156	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,488.40	580.92
08331-0157	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,021.31	591.87
08331-0158	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,575.25	602.82
08331-0159		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0160	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,889.65	548.07
08331-0161	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,422.57	559.02
08331-0162	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,955.48	569.97
08331-0163	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,488.40	580.92
08331-0164	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,021.31	591.87
08331-0165	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,554.23	602.82
08331-0166	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,107.16	613.76
08331-0167		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0168	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,422.57	559.02
08331-0169	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,955.48	569.97
08331-0170	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,488.40	580.92
08331-0171	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,021.31	591.87
08331-0172	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,554.23	602.82
08331-0173	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,087.16	613.76
08331-0174	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,641.09	624.71



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08331-0175 13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0176 EA 13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,955.48	569.97
08331-0177 EA 13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,488.40	580.92
08331-0178 EA 13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,021.31	591.87
08331-0179 EA 13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,554.23	602.82
08331-0180 EA 13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,087.16	613.76
08331-0181 EA 13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,620.07	624.71
08331-0182 EA 13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,174.01	635.66
08331-0183 14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08331-0134)</small>		
08331-0184 EA 14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,509.42	580.92
08331-0185 EA 14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,042.33	591.87
08331-0186 EA 14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,575.25	602.82
08331-0187 EA 14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,107.16	613.76
08331-0188 EA 14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,641.09	624.71
08331-0189 EA 14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,174.01	635.66
08331-0190 EA 14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,701.83	646.61
08331-0191 Rytec® Spiral® Door Options <small>(08331-0133)</small>		
08331-0192 EA Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	306.00	
Note: Per door price.		
08331-0193 EA Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	204.00	
Note: Maximum of 4 per door.		
08331-0194 EA >13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	306.00	
Note: Maximum of 4 per door.		
08331-0195 EA Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors.....	574.40	32.21
08331-0196 EA Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	1,658.80	64.40
08331-0197 EA >13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	2,984.80	64.40
08331-0198 EA >16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	3,392.80	64.40
08331-0199 Activation And Control Box Options For High Speed Doors <small>(08331)</small>		
08331-0200 EA Pull Cord For High-Speed Rolling Doors.....	140.90	32.21
08331-0201 EA Emergency Stop, Pushbutton Control For High-Speed Rolling Doors.....	108.71	16.10
08331-0202 EA NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	134.21	16.10
08331-0203 EA On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	144.41	16.10
08331-0204 EA Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	261.71	16.10
08331-0205 EA Radio Control For High-Speed Rolling Doors.....	402.61	28.98
Note: Includes one receiver and two transmitters.		
08331-0206 EA Floor Loop For High-Speed Rolling Doors.....	681.03	
Note: Excludes sealant.		
08331-0207 EA Reflective Type Photo Eye For High-Speed Rolling Doors.....	412.89	28.98
08331-0208 EA Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	453.61	28.98
08331-0209 EA Motion Detector For High-Speed Rolling Doors.....	395.64	19.32
08331-0210 EA Remote Warning Horn For High-Speed Rolling Doors.....	268.40	32.21
Note: Includes wall box and mounting hardware.		
08331-0211 EA Remote Strobe Light For High-Speed Rolling Doors.....	370.40	32.21
Note: Includes wall box and mounting hardware.		
08331-0212 EA Remote Warning Horn And Strobe Light For High-Speed Rolling Doors.....	421.40	32.21
Note: Includes wall box and mounting hardware.		
08331-0213 EA Red And Green Red Light For High-Speed Rolling Doors.....	523.40	32.21
Note: Includes mounting hardware.		
08332 Coiling Grilles <small>(08300)</small>		
Note: Includes curtains, guides, counterbalance mechanisms, hardware, frame, supports and/or trim as required.		
08332-0001 Steel Overhead Coiling Grilles (Width x Height) <small>(08332)</small>		
08332-0002 EA 4' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	1,999.24	138.62
08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add	384.76	
08MOD-0086 For Staggered Brick Pattern, Add	40.08	
08MOD-0087 For Lexan Lattice Pattern, Add	240.48	
08332-0003 EA 6' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	2,204.27	138.62
08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add	433.97	
08MOD-0086 For Staggered Brick Pattern, Add	45.21	
08MOD-0087 For Lexan Lattice Pattern, Add	271.23	
08332-0004 EA 8' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	2,543.24	184.81
08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add	483.63	
08MOD-0086 For Staggered Brick Pattern, Add	50.38	
08MOD-0087 For Lexan Lattice Pattern, Add	302.27	
08332-0005 EA 12' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	3,036.65	184.81
08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add	602.05	
08MOD-0086 For Staggered Brick Pattern, Add	62.71	
08MOD-0087 For Lexan Lattice Pattern, Add	376.28	
08332-0006 EA 16' x 4', Steel Overhead Coiling Grilles, Manual Lift.....	4,109.03	277.26
08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add	796.05	
08MOD-0086 For Staggered Brick Pattern, Add	82.92	
08MOD-0087 For Lexan Lattice Pattern, Add	497.53	

08000 Doors And Windows**08300 Special Doors****08332 Coiling Grilles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08332-0007	EA	20' x 4', Steel Overhead Coiling Grilles, Manual Lift	5,181.40	369.54
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	990.05	
	08MOD-0086	For Staggered Brick Pattern, Add	103.13	
	08MOD-0087	For Lexan Lattice Pattern, Add	618.78	
08332-0008	EA	24' x 4', Steel Overhead Coiling Grilles, Manual Lift	6,469.20	443.61
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,247.93	
	08MOD-0086	For Staggered Brick Pattern, Add	129.99	
	08MOD-0087	For Lexan Lattice Pattern, Add	779.96	
08332-0009	EA	30' x 4', Steel Overhead Coiling Grilles, Manual Lift	7,940.05	554.51
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,525.38	
	08MOD-0086	For Staggered Brick Pattern, Add	158.89	
	08MOD-0087	For Lexan Lattice Pattern, Add	953.36	
08332-0010	EA	4' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,155.75	138.62
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	422.32	
	08MOD-0086	For Staggered Brick Pattern, Add	43.99	
	08MOD-0087	For Lexan Lattice Pattern, Add	263.95	
08332-0011	EA	6' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,450.22	138.62
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	493.00	
	08MOD-0086	For Staggered Brick Pattern, Add	51.35	
	08MOD-0087	For Lexan Lattice Pattern, Add	308.12	
08332-0012	EA	8' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,755.94	184.89
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	534.68	
	08MOD-0086	For Staggered Brick Pattern, Add	55.70	
	08MOD-0087	For Lexan Lattice Pattern, Add	334.18	
08332-0013	EA	12' x 6', Steel Overhead Coiling Grilles, Manual Lift	3,324.45	184.89
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	671.12	
	08MOD-0086	For Staggered Brick Pattern, Add	69.91	
	08MOD-0087	For Lexan Lattice Pattern, Add	419.45	
08332-0014	EA	16' x 6', Steel Overhead Coiling Grilles, Manual Lift	4,512.70	277.26
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	892.93	
	08MOD-0086	For Staggered Brick Pattern, Add	93.01	
	08MOD-0087	For Lexan Lattice Pattern, Add	558.08	
08332-0015	EA	20' x 6', Steel Overhead Coiling Grilles, Manual Lift	5,698.13	369.54
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,114.74	
	08MOD-0086	For Staggered Brick Pattern, Add	116.12	
	08MOD-0087	For Lexan Lattice Pattern, Add	696.71	
08332-0016	EA	24' x 6', Steel Overhead Coiling Grilles, Manual Lift	7,142.48	443.61
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,409.52	
	08MOD-0086	For Staggered Brick Pattern, Add	146.83	
	08MOD-0087	For Lexan Lattice Pattern, Add	880.95	
08332-0017	EA	30' x 6', Steel Overhead Coiling Grilles, Manual Lift	8,610.62	554.51
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,686.32	
	08MOD-0086	For Staggered Brick Pattern, Add	175.66	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,053.95	
08332-0018	EA	4' x 8', Steel Overhead Coiling Grilles, Manual Lift	2,468.70	166.35
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	478.51	
	08MOD-0086	For Staggered Brick Pattern, Add	49.84	
	08MOD-0087	For Lexan Lattice Pattern, Add	299.07	
08332-0019	EA	6' x 8', Steel Overhead Coiling Grilles, Manual Lift	2,824.44	166.35
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	563.88	
	08MOD-0086	For Staggered Brick Pattern, Add	58.74	
	08MOD-0087	For Lexan Lattice Pattern, Add	352.43	
08332-0020	EA	8' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,389.53	207.94
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	670.76	
	08MOD-0086	For Staggered Brick Pattern, Add	69.87	
	08MOD-0087	For Lexan Lattice Pattern, Add	419.22	
08332-0021	EA	12' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,902.57	207.94
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	793.89	
	08MOD-0086	For Staggered Brick Pattern, Add	82.70	
	08MOD-0087	For Lexan Lattice Pattern, Add	496.18	
08332-0022	EA	16' x 8', Steel Overhead Coiling Grilles, Manual Lift	5,316.01	332.71
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,047.34	
	08MOD-0086	For Staggered Brick Pattern, Add	109.10	
	08MOD-0087	For Lexan Lattice Pattern, Add	654.59	
08332-0023	EA	20' x 8', Steel Overhead Coiling Grilles, Manual Lift	6,605.80	415.88
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,300.79	
	08MOD-0086	For Staggered Brick Pattern, Add	135.50	
	08MOD-0087	For Lexan Lattice Pattern, Add	812.99	
08332-0024	EA	24' x 8', Steel Overhead Coiling Grilles, Manual Lift	8,356.35	499.06
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,663.59	
	08MOD-0086	For Staggered Brick Pattern, Add	173.29	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,039.74	
08332-0025	EA	30' x 8', Steel Overhead Coiling Grilles, Manual Lift	10,187.87	609.95
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	2,028.17	
	08MOD-0086	For Staggered Brick Pattern, Add	211.27	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,267.61	
08332-0026	EA	4' x 10', Steel Overhead Coiling Grilles, Manual Lift	2,726.55	166.35
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	540.39	
	08MOD-0086	For Staggered Brick Pattern, Add	56.29	
	08MOD-0087	For Lexan Lattice Pattern, Add	337.74	
08332-0027	EA	6' x 10', Steel Overhead Coiling Grilles, Manual Lift	3,198.03	166.35
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	653.55	
	08MOD-0086	For Staggered Brick Pattern, Add	68.08	
	08MOD-0087	For Lexan Lattice Pattern, Add	408.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08332-0028	EA 8' x 10', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	3,804.44 770.76 80.29 481.73	207.94
08332-0029	EA 12' x 10', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	4,446.97 924.97 96.35 578.11	207.94
08332-0030	EA 16' x 10', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	6,030.13 1,218.72 126.95 761.70	332.71
08332-0031	EA 20' x 10', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	7,487.83 1,512.47 157.55 945.30	415.88
08332-0032	EA 24' x 10', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	9,422.03 1,919.35 199.93 1,199.59	499.06
08332-0033	EA 30' x 10', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	11,833.40 2,423.10 252.41 1,514.43	609.95
08332-0034	EA 4' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	3,021.82 611.26 63.67 382.04	166.35
08332-0035	EA 6' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	3,107.30 631.77 65.81 394.86	166.35
08332-0036	EA 8' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	3,777.68 763.91 79.57 477.45	207.94
08332-0037	EA 12' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	5,062.51 1,072.27 111.70 670.17	207.94
08332-0038	EA 16' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	7,039.61 1,461.00 152.19 913.13	332.71
08332-0039	EA 20' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	8,893.04 1,849.72 192.68 1,156.08	415.88
08332-0040	EA 24' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	10,787.65 2,247.10 234.07 1,404.44	499.06
08332-0041	EA 30' x 12', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	13,459.20 2,813.29 293.05 1,758.30	609.95
08332-0042	EA 4' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	3,549.95 738.01 76.88 461.25	166.35
08332-0043	EA 6' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	4,126.57 876.40 91.29 547.75	166.35
08332-0044	EA 8' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	4,827.54 1,016.31 105.87 635.19	207.94
08332-0045	EA 12' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	6,038.81 1,307.01 136.15 816.88	207.94
08332-0046	EA 16' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	8,046.80 1,702.73 177.37 1,064.20	332.71
08332-0047	EA 20' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	9,929.37 2,098.44 218.59 1,311.53	415.88
08332-0048	EA 24' x 14', Steel Overhead Coiling Grilles, Manual Lift 08MOD-0085 For Aluminum With Clear Or Anodized Bronze Finish, Add 08MOD-0086 For Staggered Brick Pattern, Add 08MOD-0087 For Lexan Lattice Pattern, Add	11,863.62 2,505.33 260.97 1,565.83	499.06

08000 Doors And Windows**08300 Special Doors****08332 Coiling Grilles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08332-0049	EA	30' x 14', Steel Overhead Coiling Grilles, Manual Lift	15,212.07	609.95
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	3,233.98	
	08MOD-0086	For Staggered Brick Pattern, Add	336.87	
	08MOD-0087	For Lexan Lattice Pattern, Add	2,021.24	
08332-0050		Steel Side Coiling Grilles (Width x Height) (08332)		
08332-0051	EA	12' x 8', Steel Side Coiling Grilles, Manually Operated	5,089.51	465.15
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	902.49	
	08MOD-0086	For Staggered Brick Pattern, Add	94.01	
	08MOD-0087	For Lexan Lattice Pattern, Add	564.06	
08332-0052	EA	18' x 8', Steel Side Coiling Grilles, Manually Operated	7,228.46	597.52
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,325.10	
	08MOD-0086	For Staggered Brick Pattern, Add	138.03	
	08MOD-0087	For Lexan Lattice Pattern, Add	828.19	
08332-0053	EA	24' x 8', Steel Side Coiling Grilles, Manually Operated	9,404.36	753.41
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,740.42	
	08MOD-0086	For Staggered Brick Pattern, Add	181.29	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,087.77	
08332-0054	EA	30' x 8', Steel Side Coiling Grilles, Manually Operated	11,442.13	831.76
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	2,175.53	
	08MOD-0086	For Staggered Brick Pattern, Add	226.62	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,359.71	
08332-0055	EA	12' x 10', Steel Side Coiling Grilles, Manually Operated	6,212.38	530.35
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,127.32	
	08MOD-0086	For Staggered Brick Pattern, Add	117.43	
	08MOD-0087	For Lexan Lattice Pattern, Add	704.58	
08332-0056	EA	18' x 10', Steel Side Coiling Grilles, Manually Operated	8,852.94	681.18
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,657.36	
	08MOD-0086	For Staggered Brick Pattern, Add	172.64	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,035.85	
08332-0057	EA	24' x 10', Steel Side Coiling Grilles, Manually Operated	11,353.90	858.61
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	2,135.98	
	08MOD-0086	For Staggered Brick Pattern, Add	222.50	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,334.99	
08332-0058	EA	30' x 10', Steel Side Coiling Grilles, Manually Operated	14,047.90	948.20
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	2,718.62	
	08MOD-0086	For Staggered Brick Pattern, Add	283.19	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,699.14	
08332-0059	EA	12' x 12', Steel Side Coiling Grilles, Manually Operated	7,345.47	597.52
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,353.18	
	08MOD-0086	For Staggered Brick Pattern, Add	140.96	
	08MOD-0087	For Lexan Lattice Pattern, Add	845.74	
08332-0060	EA	18' x 12', Steel Side Coiling Grilles, Manually Operated	10,474.03	767.44
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,985.67	
	08MOD-0086	For Staggered Brick Pattern, Add	206.84	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,241.04	
08332-0061	EA	24' x 12', Steel Side Coiling Grilles, Manually Operated	13,628.19	967.62
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	2,610.64	
	08MOD-0086	For Staggered Brick Pattern, Add	271.94	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,631.65	
08332-0062	EA	30' x 12', Steel Side Coiling Grilles, Manually Operated	16,648.51	1,067.43
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	3,263.30	
	08MOD-0086	For Staggered Brick Pattern, Add	339.93	
	08MOD-0087	For Lexan Lattice Pattern, Add	2,039.56	
08332-0063	EA	12' x 14', Steel Side Coiling Grilles, Manually Operated	8,478.60	660.65
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	1,582.20	
	08MOD-0086	For Staggered Brick Pattern, Add	164.81	
	08MOD-0087	For Lexan Lattice Pattern, Add	988.88	
08332-0064	EA	18' x 14', Steel Side Coiling Grilles, Manually Operated	12,102.96	848.39
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	2,317.93	
	08MOD-0086	For Staggered Brick Pattern, Add	241.45	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,448.71	
08332-0065	EA	24' x 14', Steel Side Coiling Grilles, Manually Operated	15,737.34	1,069.64
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	3,045.74	
	08MOD-0086	For Staggered Brick Pattern, Add	317.27	
	08MOD-0087	For Lexan Lattice Pattern, Add	1,903.59	
08332-0066	EA	30' x 14', Steel Side Coiling Grilles, Manually Operated	19,228.74	1,181.10
	08MOD-0085	For Aluminum With Clear Or Anodized Bronze Finish, Add	3,805.20	
	08MOD-0086	For Staggered Brick Pattern, Add	396.38	
	08MOD-0087	For Lexan Lattice Pattern, Add	2,378.25	
08332-0067		Coiling Grilles Accessories (08332)		
08332-0068	EA	Add For Motor Operator	1,698.66	33.67
		Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08332-0069	LF	For Safety Edge Bottom Bar, Electric, Add	49.13	
08332-0070	LF	For Overhead Framed Rolling Grille Supports	70.31	

08350 Folding Doors (08300)**08350-0001 Bi-Folding Door, 6' 8" To 7' High (08350)**

Note: Includes frame, trim, and hardware.



Doors And Windows 08000

Special Doors 08300

Folding Doors 08350

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08350-0002	EA	4' Opening, Paneled Pine Bi-Fold Door With Hardware, 1-3/8" Thick.....	316.75	39.61
08350-0003	EA	6' Opening, Paneled Pine Bi-Fold Door With Hardware, 1-3/8" Thick.....	357.09	51.53
08350-0004	EA	4' Opening, Paneled Hardwood Bi-Fold Door With Hardware, 1-3/8" Thick	804.94	39.61
		<i>08MOD-0088 For Walnut Or Mahogany, Add</i>	<i>282.34</i>	
08350-0005	EA	6' Opening, Paneled Hardwood Bi-Fold Door With Hardware, 1-3/8" Thick	1,234.41	51.53
		<i>08MOD-0088 For Walnut Or Mahogany, Add</i>	<i>442.24</i>	
08350-0006	EA	4' Opening, Unfinished Lauan Bi-Fold Door With Hardware, 1-3/8" Thick	160.13	39.61
08350-0007	EA	6' Opening, Unfinished Lauan Bi-Fold Door With Hardware, 1-3/8" Thick	205.78	51.53
08350-0008	EA	4' Opening, Primed Hardboard Bi-Fold Door With Hardware, 1-3/8" Thick.....	196.66	39.61
08350-0009	EA	6' Opening, Primed Hardboard Bi-Fold Door With Hardware, 1-3/8" Thick.....	262.59	51.53
08350-0010	EA	4' Opening, Vinyl Bi-Fold Door With Hardware, 1-3/8" Thick	178.72	39.61
08350-0011	EA	6' Opening, Vinyl Bi-Fold Door With Hardware, 1-3/8" Thick	232.95	51.53

08350-0012 Louvered Bi-Folding Door, 6' 8" To 7' High (08350)

Note: Includes frame, trim, and hardware.

08350-0013	EA	2' Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick.....	167.55	39.61
08350-0014	EA	2' 6" Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick	174.18	39.61
08350-0015	EA	3' Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick	184.80	39.61
08350-0016	EA	4' Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick.....	236.57	39.61
08350-0017	EA	5' Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick.....	280.11	51.53
08350-0018	EA	5' 4" Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick	285.42	51.53
08350-0019	EA	6' Opening, Louvered Bi-Fold Wood Door With Hardware, 1-3/8" Thick.....	301.34	51.53

08351 Bi-Pass Doors (08300)

08351-0001 Bi-Pass Door, 6' 8" To 7' High (08351)

Note: Includes frame, trim, and hardware.

08351-0002	EA	3' Wide Flush Lauan Bi-pass Door, With Hardware	258.46	39.61
		<i>08MOD-0089 For Tempered Hardboard, Deduct</i>	<i>-14.71</i>	
08351-0003	EA	4' Wide Flush Lauan Bi-pass Door, With Hardware	284.45	39.61
		<i>08MOD-0089 For Tempered Hardboard, Deduct</i>	<i>-17.10</i>	
08351-0004	EA	5' Wide Flush Lauan Bi-pass Door, With Hardware	294.44	39.61
		<i>08MOD-0089 For Tempered Hardboard, Deduct</i>	<i>-18.02</i>	
08351-0005	EA	6' Wide Flush Lauan Bi-pass Door, With Hardware	314.43	39.61
		<i>08MOD-0089 For Tempered Hardboard, Deduct</i>	<i>-19.86</i>	
08351-0006	EA	3' Wide Flush Birch Bi-pass Door, With Hardware	282.45	39.61
08351-0007	EA	4' Wide Flush Birch Bi-pass Door, With Hardware	312.43	39.61
08351-0008	EA	5' Wide Flush Birch Bi-pass Door, With Hardware	332.42	39.61
08351-0009	EA	6' Wide Flush Birch Bi-pass Door, With Hardware	352.42	39.61
08351-0010	EA	3' Wide Louvered, Pine Bi-pass Door, With Hardware	346.42	39.61
08351-0011	EA	4' Wide Louvered, Pine Bi-pass Door, With Hardware	360.21	39.61
08351-0012	EA	5' Wide Louvered, Pine Bi-pass Door, With Hardware	429.88	39.61
08351-0013	EA	6' Wide Louvered, Pine Bi-pass Door, With Hardware	508.35	39.61
08351-0014	EA	3' Wide Paneled, Pine Bi-pass Door, With Hardware	408.39	39.61
08351-0015	EA	4' Wide Paneled, Pine Bi-pass Door, With Hardware	455.37	39.61
08351-0016	EA	5' Wide Paneled, Pine Bi-pass Door, With Hardware	525.04	39.61
08351-0017	EA	6' Wide Paneled, Pine Bi-pass Door, With Hardware	608.30	39.61

08353 Accordion Folding Doors (08300)

08353-0001 Accordion Folding Doors (08353)

Note: Includes track, fittings and hardware, complete.

08353-0002	SF	Vinyl Covered Steel Accordion Doors, Two Layers	15.16	6.44
		<i>08MOD-0090 For Fire Retardant, Add</i>	<i>2.34</i>	
08353-0003	SF	Woven Mahogany/Vinyl Accordion Door	10.90	6.44
		<i>08MOD-0090 For Fire Retardant, Add</i>	<i>1.28</i>	
08353-0004	SF	Economy Vinyl Accordion Door	11.01	6.44
		<i>08MOD-0090 For Fire Retardant, Add</i>	<i>1.30</i>	
08353-0005	SF	Rigid PVC Accordion Door.....	12.13	6.44
		<i>08MOD-0090 For Fire Retardant, Add</i>	<i>1.58</i>	

08354 Acoustical Doors Units (08300)

08354-0001 Acoustical Doors (08354)

Note: Includes frame, seals, and auto door button.

08354-0002	EA	Up To 3' x 7' Wood, 27 STC Rating Acoustical Door	911.55	115.93
08354-0003	EA	Up To 3' x 7' Wood, 35 STC Rating Acoustical Door	1,013.51	115.93
08354-0004	EA	Up To 3' x 7' Steel, 40 STC Rating Acoustical Door	2,373.75	142.97
08354-0005	EA	Up To 3' x 7' Steel, 45 STC Rating Acoustical Door	3,004.03	142.97
08354-0006	EA	Up To 3' x 7' Steel, 49 STC Rating Acoustical Door	3,752.49	142.97
08354-0007	EA	Up To 3' x 7' Steel, 52 STC Rating Acoustical Door	4,422.16	142.97

08361 Sectional Wood Overhead Doors (08300)

08361-0001 Wood Sectional Overhead Doors (08361)

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08361-0002	EA	8' x 8', Wood Sectional Door, Manual Lift	1,955.36	257.62
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08000 Doors And Windows**08300 Special Doors****08361 Sectional Wood Overhead Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08361-0003	EA	10' x 10', Wood Sectional Door, Manual Lift	2,454.30	285.95
08361-0004	EA	12' x 12', Wood Sectional Door, Manual Lift	3,146.75	342.63
08361-0005	EA	14' x 14', Wood Sectional Door, Manual Lift	4,601.25	396.73
08361-0006	EA	12' x 16', Wood Sectional Door, Manual Lift	4,884.42	515.23
08361-0007	EA	20' x 8', Wood Sectional Door, Manual Lift	4,549.97	644.03
08361-0008	EA	20' x 16', Wood Sectional Door, Manual Lift	8,517.63	858.50
08361-0009		Residential Grade, Wood Sectional Overhead Doors (08361)		
		Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08361-0010	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,012.20	128.80
	08MOD-0091	For Hardboard Face, Add	115.00	
	08MOD-0092	For Insulation, Add	117.00	
	08MOD-0093	For Motor Operator With Remote Controls, Add	353.84	
	08MOD-0094	For Each Glass Vision Panel In Door, Add	50.00	
08361-0011	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,633.81	128.80
	08MOD-0091	For Hardboard Face, Add	115.00	
	08MOD-0092	For Insulation, Add	117.00	
	08MOD-0093	For Motor Operator With Remote Controls, Add	372.98	
	08MOD-0094	For Each Glass Vision Panel In Door, Add	50.00	
08362		Sectional Metal Overhead Doors (08300)		
		Note: Includes tracks and all hardware.		
08362-0001		Galvanized Steel Sectional Overhead Doors (08362)		
08362-0002		Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors (08362-0001)		
		Note: Includes 2" door, tracks and hardware. Excludes frame.		
08362-0003	EA	8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	925.05	225.41
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	68.76	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	118.56	
	08MOD-0100	For Aluminum, Mill Finish, Add	54.06	
	08MOD-0101	For Aluminum, Anodized Finish, Add	151.28	
08362-0004	EA	8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,087.72	257.62
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	83.01	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	143.12	
	08MOD-0100	For Aluminum, Mill Finish, Add	65.26	
	08MOD-0101	For Aluminum, Anodized Finish, Add	182.62	
08362-0005	EA	8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,343.98	322.02
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	101.49	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	174.99	
	08MOD-0100	For Aluminum, Mill Finish, Add	79.79	
	08MOD-0101	For Aluminum, Anodized Finish, Add	223.28	
08362-0006	EA	10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,043.96	257.62
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	76.67	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	132.18	
	08MOD-0100	For Aluminum, Mill Finish, Add	60.28	
	08MOD-0101	For Aluminum, Anodized Finish, Add	168.66	
08362-0007	EA	10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,287.93	322.02
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	93.37	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	160.98	
	08MOD-0100	For Aluminum, Mill Finish, Add	73.40	
	08MOD-0101	For Aluminum, Anodized Finish, Add	205.40	
08362-0008	EA	10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,624.74	418.62
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	114.19	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	196.87	
	08MOD-0100	For Aluminum, Mill Finish, Add	89.77	
	08MOD-0101	For Aluminum, Anodized Finish, Add	251.21	
08362-0009	EA	10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,926.99	515.23
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	130.00	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	224.13	
	08MOD-0100	For Aluminum, Mill Finish, Add	102.20	
	08MOD-0101	For Aluminum, Anodized Finish, Add	285.99	
08362-0010	EA	12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,251.09	322.02
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	88.02	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	151.77	
	08MOD-0100	For Aluminum, Mill Finish, Add	69.20	
	08MOD-0101	For Aluminum, Anodized Finish, Add	193.65	
08362-0011	EA	12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,569.46	418.62
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	106.17	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	183.05	
	08MOD-0100	For Aluminum, Mill Finish, Add	83.47	
	08MOD-0101	For Aluminum, Anodized Finish, Add	233.57	
08362-0012	EA	12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,917.00	515.23
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	128.55	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	221.64	
	08MOD-0100	For Aluminum, Mill Finish, Add	101.07	
	08MOD-0101	For Aluminum, Anodized Finish, Add	282.81	
08362-0013	EA	12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,263.00	611.84
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	150.70	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	259.84	
	08MOD-0100	For Aluminum, Mill Finish, Add	118.48	
	08MOD-0101	For Aluminum, Anodized Finish, Add	331.55	



Doors And Windows 08000	08
Special Doors 08300	
Sectional Metal Overhead Doors 08362	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08362-0014	EA 12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,704.14	740.64
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	177.31	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	305.72	
	08MOD-0100 For Aluminum, Mill Finish, Add	139.41	
	08MOD-0101 For Aluminum, Anodized Finish, Add	390.09	
08362-0015	EA 14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,496.52	418.62
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	95.59	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	164.82	
	08MOD-0100 For Aluminum, Mill Finish, Add	75.16	
	08MOD-0101 For Aluminum, Anodized Finish, Add	210.31	
08362-0016	EA 10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,840.99	515.23
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	117.53	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	202.63	
	08MOD-0100 For Aluminum, Mill Finish, Add	92.40	
	08MOD-0101 For Aluminum, Anodized Finish, Add	258.56	
08362-0017	EA 14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,274.44	644.03
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	143.02	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	246.59	
	08MOD-0100 For Aluminum, Mill Finish, Add	112.45	
	08MOD-0101 For Aluminum, Anodized Finish, Add	314.65	
08362-0018	EA 14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,621.98	740.64
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	165.40	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	285.18	
	08MOD-0100 For Aluminum, Mill Finish, Add	130.04	
	08MOD-0101 For Aluminum, Anodized Finish, Add	363.88	
08362-0019	EA 14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,010.21	837.25
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	193.68	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	333.93	
	08MOD-0100 For Aluminum, Mill Finish, Add	152.27	
	08MOD-0101 For Aluminum, Anodized Finish, Add	426.09	
08362-0020	EA 16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,814.11	515.23
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	113.63	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	195.91	
	08MOD-0100 For Aluminum, Mill Finish, Add	89.34	
	08MOD-0101 For Aluminum, Anodized Finish, Add	249.98	
08362-0021	EA 16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,246.02	644.03
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	138.90	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	239.49	
	08MOD-0100 For Aluminum, Mill Finish, Add	109.21	
	08MOD-0101 For Aluminum, Anodized Finish, Add	305.58	
08362-0022	EA 16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,636.56	740.64
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	167.52	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	288.82	
	08MOD-0100 For Aluminum, Mill Finish, Add	131.70	
	08MOD-0101 For Aluminum, Anodized Finish, Add	368.53	
08362-0023	EA 16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,125.39	837.25
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	210.38	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	362.73	
	08MOD-0100 For Aluminum, Mill Finish, Add	165.40	
	08MOD-0101 For Aluminum, Anodized Finish, Add	462.84	
08362-0024	EA 16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,637.17	966.05
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	247.23	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	426.26	
	08MOD-0100 For Aluminum, Mill Finish, Add	194.38	
	08MOD-0101 For Aluminum, Anodized Finish, Add	543.91	
08362-0025	EA 18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,305.16	644.03
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	147.48	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	254.27	
	08MOD-0100 For Aluminum, Mill Finish, Add	115.95	
	08MOD-0101 For Aluminum, Anodized Finish, Add	324.45	
08362-0026	EA 18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,742.53	740.64
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	182.88	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	315.31	
	08MOD-0100 For Aluminum, Mill Finish, Add	143.78	
	08MOD-0101 For Aluminum, Anodized Finish, Add	402.34	
08362-0027	EA 18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,294.31	837.25
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	234.87	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	404.96	
	08MOD-0100 For Aluminum, Mill Finish, Add	184.66	
	08MOD-0101 For Aluminum, Anodized Finish, Add	516.72	
08362-0028	EA 18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,806.86	966.05
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	271.84	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	468.69	
	08MOD-0100 For Aluminum, Mill Finish, Add	213.72	
	08MOD-0101 For Aluminum, Anodized Finish, Add	598.04	
08362-0029	EA 18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,367.01	1,094.86
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	315.70	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	544.32	
	08MOD-0100 For Aluminum, Mill Finish, Add	248.21	
	08MOD-0101 For Aluminum, Anodized Finish, Add	694.55	
08362-0030	EA 20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,621.98	740.64
	08MOD-0098 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	165.40	
	08MOD-0099 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	285.18	
	08MOD-0100 For Aluminum, Mill Finish, Add	130.04	
	08MOD-0101 For Aluminum, Anodized Finish, Add	363.88	

08000 Doors And Windows**08300 Special Doors****08362 Sectional Metal Overhead Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08362-0031	EA	20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,059.36	837.25
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	200.81	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	346.22	
	08MOD-0100	For Aluminum, Mill Finish, Add	157.88	
	08MOD-0101	For Aluminum, Anodized Finish, Add	441.77	
08362-0032	EA	20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,747.74	966.05
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	263.26	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	453.91	
	08MOD-0100	For Aluminum, Mill Finish, Add	206.98	
	08MOD-0101	For Aluminum, Anodized Finish, Add	579.18	
08362-0033	EA	20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,260.28	1,094.86
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	300.23	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	517.64	
	08MOD-0100	For Aluminum, Mill Finish, Add	236.04	
	08MOD-0101	For Aluminum, Anodized Finish, Add	660.50	
08362-0034	EA	20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,207.41	1,223.67
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	400.21	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	690.01	
	08MOD-0100	For Aluminum, Mill Finish, Add	314.65	
	08MOD-0101	For Aluminum, Anodized Finish, Add	880.46	
08362-0035	EA	22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,924.21	837.25
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	181.21	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	312.43	
	08MOD-0100	For Aluminum, Mill Finish, Add	142.47	
	08MOD-0101	For Aluminum, Anodized Finish, Add	398.66	
08362-0036	EA	22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,582.66	966.05
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	239.33	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	412.64	
	08MOD-0100	For Aluminum, Mill Finish, Add	188.16	
	08MOD-0101	For Aluminum, Anodized Finish, Add	526.52	
08362-0037	EA	22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,225.73	1,094.86
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	295.22	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	509.00	
	08MOD-0100	For Aluminum, Mill Finish, Add	232.10	
	08MOD-0101	For Aluminum, Anodized Finish, Add	649.48	
08362-0038	EA	22' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,959.40	1,223.67
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	364.25	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	628.01	
	08MOD-0100	For Aluminum, Mill Finish, Add	286.37	
	08MOD-0101	For Aluminum, Anodized Finish, Add	801.34	
08362-0039	EA	22' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,581.71	1,352.48
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	417.13	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	719.19	
	08MOD-0100	For Aluminum, Mill Finish, Add	327.95	
	08MOD-0101	For Aluminum, Anodized Finish, Add	917.69	
08362-0040	EA	24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,256.33	966.05
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	192.01	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	331.05	
	08MOD-0100	For Aluminum, Mill Finish, Add	150.96	
	08MOD-0101	For Aluminum, Anodized Finish, Add	422.42	
08362-0041	EA	24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,938.55	1,094.86
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	253.58	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	437.20	
	08MOD-0100	For Aluminum, Mill Finish, Add	199.36	
	08MOD-0101	For Aluminum, Anodized Finish, Add	557.87	
08362-0042	EA	24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,753.62	1,223.67
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	334.41	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	576.57	
	08MOD-0100	For Aluminum, Mill Finish, Add	262.91	
	08MOD-0101	For Aluminum, Anodized Finish, Add	735.70	
08362-0043	EA	24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,308.37	1,352.48
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	377.50	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	650.86	
	08MOD-0100	For Aluminum, Mill Finish, Add	296.79	
	08MOD-0101	For Aluminum, Anodized Finish, Add	830.49	
08362-0044	EA	24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,944.52	1,481.28
	08MOD-0098	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	432.38	
	08MOD-0099	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	745.49	
	08MOD-0100	For Aluminum, Mill Finish, Add	339.94	
	08MOD-0101	For Aluminum, Anodized Finish, Add	951.25	
08362-0045	Insulated, 24 Gauge Galvanized Steel Sectional Doors <small>(08362-0001)</small>			
	Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.			
08362-0046	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,151.01	225.41
	08MOD-0100	For Aluminum, Mill Finish, Add	79.82	
	08MOD-0101	For Aluminum, Anodized Finish, Add	223.36	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	35.01	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	154.04	
08362-0047	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,368.19	257.62
	08MOD-0100	For Aluminum, Mill Finish, Add	97.24	
	08MOD-0101	For Aluminum, Anodized Finish, Add	272.09	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	42.65	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	187.65	



Doors And Windows 08000	08
Special Doors 08300	
Sectional Metal Overhead Doors 08362	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08362-0048	EA 8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,682.34	322.02
	08MOD-0100 For Aluminum, Mill Finish, Add	118.37	
	08MOD-0101 For Aluminum, Anodized Finish, Add	331.22	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	51.92	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	228.43	
08362-0049	EA 10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,337.04	257.62
	08MOD-0100 For Aluminum, Mill Finish, Add	93.69	
	08MOD-0101 For Aluminum, Anodized Finish, Add	262.16	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	41.09	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	180.80	
08362-0050	EA 10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,643.97	322.02
	08MOD-0100 For Aluminum, Mill Finish, Add	113.99	
	08MOD-0101 For Aluminum, Anodized Finish, Add	318.98	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	50.00	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	219.99	
08362-0051	EA 10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,092.77	418.62
	08MOD-0100 For Aluminum, Mill Finish, Add	143.13	
	08MOD-0101 For Aluminum, Anodized Finish, Add	400.51	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	62.78	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	276.21	
08362-0052	EA 10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,438.04	515.23
	08MOD-0100 For Aluminum, Mill Finish, Add	160.46	
	08MOD-0101 For Aluminum, Anodized Finish, Add	449.02	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	70.38	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	309.67	
08362-0053	EA 12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,585.32	322.02
	08MOD-0100 For Aluminum, Mill Finish, Add	107.31	
	08MOD-0101 For Aluminum, Anodized Finish, Add	300.27	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	47.06	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	207.08	
08362-0054	EA 12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,982.00	418.62
	08MOD-0100 For Aluminum, Mill Finish, Add	130.50	
	08MOD-0101 For Aluminum, Anodized Finish, Add	365.18	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	57.24	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	251.85	
08362-0055	EA 12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,418.49	515.23
	08MOD-0100 For Aluminum, Mill Finish, Add	158.24	
	08MOD-0101 For Aluminum, Anodized Finish, Add	442.78	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	69.40	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	305.37	
08362-0056	EA 12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,831.08	611.84
	08MOD-0100 For Aluminum, Mill Finish, Add	183.25	
	08MOD-0101 For Aluminum, Anodized Finish, Add	512.77	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	80.37	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	353.63	
08362-0057	EA 12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,436.24	740.64
	08MOD-0100 For Aluminum, Mill Finish, Add	222.87	
	08MOD-0101 For Aluminum, Anodized Finish, Add	623.63	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	97.75	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	430.09	
08362-0058	EA 14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,895.84	418.62
	08MOD-0100 For Aluminum, Mill Finish, Add	120.68	
	08MOD-0101 For Aluminum, Anodized Finish, Add	337.69	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	52.93	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	232.89	
08362-0059	EA 14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,349.71	515.23
	08MOD-0100 For Aluminum, Mill Finish, Add	150.39	
	08MOD-0101 For Aluminum, Anodized Finish, Add	420.84	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	65.96	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	290.24	
08362-0060	EA 14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,864.37	644.03
	08MOD-0100 For Aluminum, Mill Finish, Add	179.70	
	08MOD-0101 For Aluminum, Anodized Finish, Add	502.84	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	78.81	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	346.78	
08362-0061	EA 14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,369.63	740.64
	08MOD-0100 For Aluminum, Mill Finish, Add	215.27	
	08MOD-0101 For Aluminum, Anodized Finish, Add	602.38	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	94.42	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	415.44	
08362-0062	EA 14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,863.32	837.25
	08MOD-0100 For Aluminum, Mill Finish, Add	249.53	
	08MOD-0101 For Aluminum, Anodized Finish, Add	698.24	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	109.44	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	481.54	
08362-0063	EA 16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,275.13	515.23
	08MOD-0100 For Aluminum, Mill Finish, Add	141.89	
	08MOD-0101 For Aluminum, Anodized Finish, Add	397.05	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	62.23	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	273.83	
08362-0064	EA 16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,922.29	644.03
	08MOD-0100 For Aluminum, Mill Finish, Add	186.30	
	08MOD-0101 For Aluminum, Anodized Finish, Add	521.31	
	08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	81.71	
	08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	359.53	

08000 Doors And Windows**08300 Special Doors****08362 Sectional Metal Overhead Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08362-0065	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,408.73	740.64
	08MOD-0100	For Aluminum, Mill Finish, Add	219.73	
	08MOD-0101	For Aluminum, Anodized Finish, Add	614.86	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	96.37	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	424.04	
08362-0066	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,898.07	837.25
	08MOD-0100	For Aluminum, Mill Finish, Add	253.49	
	08MOD-0101	For Aluminum, Anodized Finish, Add	709.32	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	111.18	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	489.19	
08362-0067	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,601.72	966.05
	08MOD-0100	For Aluminum, Mill Finish, Add	304.33	
	08MOD-0101	For Aluminum, Anodized Finish, Add	851.60	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	133.48	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	587.31	
08362-0068	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,641.35	644.03
	08MOD-0100	For Aluminum, Mill Finish, Add	154.27	
	08MOD-0101	For Aluminum, Anodized Finish, Add	431.69	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	67.66	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	297.72	
08362-0069	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,254.50	740.64
	08MOD-0100	For Aluminum, Mill Finish, Add	202.15	
	08MOD-0101	For Aluminum, Anodized Finish, Add	565.66	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	88.66	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	390.11	
08362-0070	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,770.64	837.25
	08MOD-0100	For Aluminum, Mill Finish, Add	238.96	
	08MOD-0101	For Aluminum, Anodized Finish, Add	668.67	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	104.81	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	461.15	
08362-0071	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,675.57	966.05
	08MOD-0100	For Aluminum, Mill Finish, Add	312.75	
	08MOD-0101	For Aluminum, Anodized Finish, Add	875.16	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	137.17	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	603.56	
08362-0072	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,135.20	1,094.86
	08MOD-0100	For Aluminum, Mill Finish, Add	335.78	
	08MOD-0101	For Aluminum, Anodized Finish, Add	939.60	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	147.27	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	648.00	
08362-0073	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,240.74	740.64
	08MOD-0100	For Aluminum, Mill Finish, Add	200.58	
	08MOD-0101	For Aluminum, Anodized Finish, Add	561.27	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	87.97	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	387.08	
08362-0074	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,802.50	837.25
	08MOD-0100	For Aluminum, Mill Finish, Add	242.59	
	08MOD-0101	For Aluminum, Anodized Finish, Add	678.84	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	106.40	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	468.16	
08362-0075	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,824.00	966.05
	08MOD-0100	For Aluminum, Mill Finish, Add	329.67	
	08MOD-0101	For Aluminum, Anodized Finish, Add	922.51	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	144.59	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	636.21	
08362-0076	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,267.70	1,094.86
	08MOD-0100	For Aluminum, Mill Finish, Add	350.89	
	08MOD-0101	For Aluminum, Anodized Finish, Add	981.87	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	153.90	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	677.15	
08362-0077	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,102.39	1,223.67
	08MOD-0100	For Aluminum, Mill Finish, Add	416.67	
	08MOD-0101	For Aluminum, Anodized Finish, Add	1,165.95	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	182.75	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	804.11	
08362-0078	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,564.28	837.25
	08MOD-0100	For Aluminum, Mill Finish, Add	215.44	
	08MOD-0101	For Aluminum, Anodized Finish, Add	602.84	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	94.49	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	415.75	
08362-0079	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,382.33	966.05
	08MOD-0100	For Aluminum, Mill Finish, Add	279.32	
	08MOD-0101	For Aluminum, Anodized Finish, Add	781.62	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	122.51	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	539.05	
08362-0080	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,188.06	1,094.86
	08MOD-0100	For Aluminum, Mill Finish, Add	341.81	
	08MOD-0101	For Aluminum, Anodized Finish, Add	956.46	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	149.92	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	659.63	
08362-0081	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,827.98	1,223.67
	08MOD-0100	For Aluminum, Mill Finish, Add	385.39	
	08MOD-0101	For Aluminum, Anodized Finish, Add	1,078.42	
	08MOD-0238	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	169.03	
	08MOD-0239	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	743.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08362-0082 EA 22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,633.68	1,352.48
08MOD-0100 For Aluminum, Mill Finish, Add	447.88	
08MOD-0101 For Aluminum, Anodized Finish, Add	1,253.26	
08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	196.44	
08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	864.32	
08362-0083 EA 24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,981.93	966.05
08MOD-0100 For Aluminum, Mill Finish, Add	233.68	
08MOD-0101 For Aluminum, Anodized Finish, Add	653.89	
08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	102.49	
08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	450.96	
08362-0084 EA 24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,880.34	1,094.86
08MOD-0100 For Aluminum, Mill Finish, Add	306.73	
08MOD-0101 For Aluminum, Anodized Finish, Add	858.30	
08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	134.53	
08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	591.93	
08362-0085 EA 24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,644.80	1,223.67
08MOD-0100 For Aluminum, Mill Finish, Add	364.51	
08MOD-0101 For Aluminum, Anodized Finish, Add	1,019.98	
08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	159.87	
08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	703.44	
08362-0086 EA 24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,451.95	1,352.48
08MOD-0100 For Aluminum, Mill Finish, Add	427.16	
08MOD-0101 For Aluminum, Anodized Finish, Add	1,195.29	
08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	187.35	
08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	824.34	
08362-0087 EA 24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,246.80	1,481.28
08MOD-0100 For Aluminum, Mill Finish, Add	488.40	
08MOD-0101 For Aluminum, Anodized Finish, Add	1,366.67	
08MOD-0238 For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	214.21	
08MOD-0239 For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	942.53	
08362-0088 Residential Grade, Galvanized Steel Sectional Overhead Doors (08362)		
Note: Includes track and hardware. Excludes frame.		
08362-0089 EA 9' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	813.44	128.80
08MOD-0102 For Aluminum And Fiberglass, Add	152.34	
08MOD-0103 For Motor Operator With Remote Controls, Add	340.96	
08MOD-0104 For Each Glass Vision Panel In Door, Add	27.00	
08MOD-0105 For Insulated Door, Add	260.45	
08362-0090 EA 9' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	901.63	128.80
08MOD-0102 For Aluminum And Fiberglass, Add	179.68	
08MOD-0103 For Motor Operator With Remote Controls, Add	340.96	
08MOD-0104 For Each Glass Vision Panel In Door, Add	27.00	
08MOD-0105 For Insulated Door, Add	307.19	
08362-0091 EA 16' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,180.29	147.36
08MOD-0102 For Aluminum And Fiberglass, Add	251.93	
08MOD-0103 For Motor Operator With Remote Controls, Add	358.28	
08MOD-0104 For Each Glass Vision Panel In Door, Add	27.00	
08MOD-0105 For Insulated Door, Add	430.73	
08362-0092 EA 16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,318.87	147.36
08MOD-0102 For Aluminum And Fiberglass, Add	294.89	
08MOD-0103 For Motor Operator With Remote Controls, Add	358.28	
08MOD-0104 For Each Glass Vision Panel In Door, Add	27.00	
08MOD-0105 For Insulated Door, Add	504.17	
08362-0093 Remove And Reinstall Sectional Metal Overhead Doors And Supports (08362)		
Note: Includes storage, cleaning and supply materials.		
08362-0094 SF Remove And Reinstall Sectional Metal Overhead Door And Supports.....	9.19	
08363 Sectional Fiberglass Overhead Doors (08300)		
08363-0001 Fiberglass Sectional Overhead Doors (08363)		
08363-0002 Non-Insulated, Fiberglass Sectional Doors (08363-0001)		
Note: Includes 2" door, tracks and hardware. Excludes frame.		
08363-0003 EA 8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	1,195.92	225.41
08363-0004 EA 8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	1,413.45	257.62
08363-0005 EA 8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	1,683.17	322.02
08363-0006 EA 10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	1,398.74	257.62
08363-0007 EA 10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	1,657.94	289.82
08363-0008 EA 10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,092.94	402.53
08363-0009 EA 10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,530.01	515.23
08363-0010 EA 12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	1,662.34	322.02
08363-0011 EA 12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,084.36	402.53
08363-0012 EA 12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,501.29	483.02
08363-0013 EA 12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,078.39	644.03
08363-0014 EA 12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,594.06	772.85
08363-0015 EA 14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,054.61	450.83
08363-0016 EA 14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,478.54	515.23
08363-0017 EA 14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,034.28	644.03
08363-0018 EA 14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,589.16	772.85
08363-0019 EA 14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	4,016.65	837.25
08363-0020 EA 16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,335.17	515.23

08000 Doors And Windows**08300 Special Doors****08363 Sectional Fiberglass Overhead Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08363-0021 EA 16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,787.73	579.63
08363-0022 EA 16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,376.74	708.44
08363-0023 EA 16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,959.06	837.25
08363-0024 EA 16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	4,413.11	901.65

08363-0025**Insulated, Fiberglass Sectional Doors** (08363-0001)

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08363-0026 EA 8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,441.79	225.41
08363-0027 EA 8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,709.86	257.62
08363-0028 EA 8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,026.09	322.02
08363-0029 EA 10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,690.30	257.62
08363-0030 EA 10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,013.80	289.82
08363-0031 EA 10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,517.94	402.53
08363-0032 EA 10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,024.97	515.23
08363-0033 EA 12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	1,998.38	322.02
08363-0034 EA 12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,506.53	402.53
08363-0035 EA 12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,007.98	483.02
08363-0036 EA 12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,669.19	644.03
08363-0037 EA 12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,270.19	772.85
08363-0038 EA 14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,435.13	450.83
08363-0039 EA 14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,956.52	515.23
08363-0040 EA 14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,610.52	644.03
08363-0041 EA 14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,263.67	772.85
08363-0042 EA 14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,789.83	837.25
08363-0043 EA 16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,765.84	515.23
08363-0044 EA 16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,325.15	579.63
08363-0045 EA 16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,023.35	708.44
08363-0046 EA 16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,713.23	837.25
08363-0047 EA 16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,274.45	901.65

08364 Sectional Overhead Door Accessories (08300)**08364-0001****Sectional Overhead Door Accessories** (08364)

See CSI section 08332-0069 for safety edge bottom bar.

08364-0002 LF Flap Seal For Sectional Doors.....	2.26	
08364-0003 LF Weather Seal At Top Of Door.....	3.22	
08364-0004 LF Weather Strip At Door Bottom, Astragal Only.....	1.88	
08364-0005 EA Cylinder Lock.....	186.08	
08364-0006 EA Manual Chain Hoist.....	341.95	
08364-0007 EA Operator, Electric, Chain Lift.....	1,227.14	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08364-0008 EA 1/2 HP Trolley Operator.....	630.89	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08364-0009 SF Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing.....	17.51	
Note: Additional cost for factory supplied		
08364-0010 SF > 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing.....	10.92	
Note: Additional cost for factory supplied		
08364-0011 SF Up To 2 SF Per Window 1/8" Plexiglass Glazing.....	18.31	
Note: Additional cost for factory supplied		
08364-0012 SF >2 SF Per Window 1/8" Plexiglass Glazing.....	12.48	
Note: Additional cost for factory supplied		
08364-0013 SF Up To 2 SF Per Window 3/4" Insulated Glazing.....	29.45	
Note: Additional cost for factory supplied		
08364-0014 SF > 2 SF Per Window 3/4" Insulated Glazing.....	19.88	
Note: Additional cost for factory supplied		
08364-0015 EA Vertical Lift Track For Sectional Doors Up To 12' High Door.....	293.22	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs		
08364-0016 EA Vertical Lift Track For Sectional Doors > 12' To 16' High Door.....	455.95	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs		
08364-0017 EA Vertical Lift Track For Sectional Doors > 16' To 20' High Door.....	682.42	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs		
08364-0018 SF 25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Door.....	0.79	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08364-0019 SF 50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Door.....	1.02	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08364-0020 SF 100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Door.....	1.35	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.		

08370 Sliding Glass Doors (08300)

Note: Includes stock frames, trim, necessary anchors and Usual hardware

08370-0001**Residential Metal Sliding Glass Door** (08370)**08370-0002****Door With 5/8" Insulating Glass** (08370-0001)

08370-0003 SF Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	17.15	2.89
08MOD-0106 For Custom Quality, Add	2.37	
08MOD-0107 For Tempered Glass, Add	1.42	
08MOD-0108 For Anodized Or Colored Aluminum Frames, Add	1.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08370-0004 SF >6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	13.55	1.80
08MOD-0106 For Custom Quality, Add	2.27	
08MOD-0107 For Tempered Glass, Add	1.42	
08MOD-0108 For Anodized Or Colored Aluminum Frames, Add	1.63	
08370-0005 Door With 1" Insulating Glass (08370-0001)		
08370-0006 SF >6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	18.85	2.89
08MOD-0106 For Custom Quality, Add	2.80	
08MOD-0107 For Tempered Glass, Add	1.42	
08MOD-0108 For Anodized Or Colored Aluminum Frames, Add	2.01	
08370-0007 SF >6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	15.22	1.80
08MOD-0106 For Custom Quality, Add	2.69	
08MOD-0107 For Tempered Glass, Add	1.42	
08MOD-0108 For Anodized Or Colored Aluminum Frames, Add	1.93	
08370-0008 Door With 1/4" Tempered Plate Glass 3.2/SF (08370-0001)		
08370-0009 SF Up To 6' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware	15.76	2.89
08370-0010 SF >6' Up To 12' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware	11.79	1.80
08370-0011 Residential Wood Sliding Doors With 5/8" Glass (08370)		
08370-0012 EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,450.58	86.95
08370-0013 EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,770.80	106.27
08370-0014 EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,046.41	122.37
08370-0015 EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	1,599.13	86.95
08370-0016 EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	1,962.66	106.27
08370-0017 EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,283.85	122.37
08380 Traffic Doors (08300)		
08381 Flexible Strip Doors (08380)		
08381-0001 Clear PVC Strip Doors (08381)		
08381-0002 SF 8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear PVC Strip Door	6.77	3.22
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	0.36	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	0.75	
08381-0003 SF 8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear PVC Strip Door	8.54	3.54
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	0.50	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	1.05	
08381-0004 SF 12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear PVC Strip Door	7.69	3.22
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	0.45	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	0.94	
08381-0005 SF 12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear PVC Strip Door	9.15	3.54
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	0.56	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	1.18	
08381-0006 SF 16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear PVC Strip Door	8.90	3.22
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	0.57	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	1.19	
08381-0007 Clear PVC Replacement Strips (08381)		
08381-0008 EA 8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	17.79	6.44
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	1.14	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	2.38	
08381-0009 EA 8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	19.50	6.44
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	1.31	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	2.74	
08381-0010 EA 12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	36.05	6.44
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	2.96	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	6.22	
08381-0011 EA 12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	43.23	6.44
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	3.68	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	7.73	
08381-0012 EA 12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	50.66	6.44
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	4.42	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	9.29	
08381-0013 EA 16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip	83.04	6.44
08MOD-0109 For Cooler/Freezer Doors, USDA Grade, Add	7.66	
Note: Low temperature to -40 degree F.		
08MOD-0110 For Ribbed Strip Material, Add	16.09	

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**08382 Flexible Traffic Doors** (08380)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08382-0001	0.160" Thick, Clear PVC Flexible Impact Traffic Doors (TMI Mega-Pro) (08382)		
08382-0002	Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Doors (08382-0001)		
08382-0003	Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Doors (08382-0002)		
08382-0004	EA 72" x 84" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	1,207.87	64.40
08382-0005	EA 72" x 96" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	1,300.62	64.40
08382-0006	EA 96" x 96" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	2,650.60	74.06
08382-0007	EA 96" x 120" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	2,972.01	80.51
08382-0008	EA 108" x 108" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	4,577.22	80.51
08382-0009	EA 108" x 120" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	4,784.88	80.51
08382-0010	EA 120" x 120" Opening, Double Door, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	5,332.39	96.61

08382-0011 Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Doors (08382-0002)

08382-0012	EA 72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	1,337.00	64.40
08382-0013	EA 72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	1,440.29	64.40
08382-0014	EA 96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	3,126.25	74.06
08382-0015	EA 96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	3,445.54	80.51
08382-0016	EA 108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	5,120.30	80.51
08382-0017	EA 108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	5,331.53	80.51
08382-0018	EA 120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear PVC Flexible Impact Traffic Door.....	5,940.55	96.61

08382-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliaison FMP) (08382)

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08382-0020	Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08382-0019)		
08382-0021	84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08382-0020)		
08382-0022	EA 24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	608.20	35.42
08382-0023	EA 40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	653.47	35.42

08382-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08382-0020)

08382-0025	EA 24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	653.47	35.42
08382-0026	EA 40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	666.23	35.42

08382-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08382-0019)

08382-0028	84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08382-0027)		
08382-0029	EA 48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,197.07	61.19
08382-0030	EA 80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,287.60	61.19

08382-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08382-0027)

08382-0032	EA 48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,287.60	61.19
08382-0033	EA 80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	1,313.14	61.19

08383 Rigid Traffic Doors (08380)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08383-0001	0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliaison LWP-3) (08383)		
08383-0002	Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08383-0001)		
08383-0003	84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08383-0002)		
08383-0004	EA 24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	312.25	35.42
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0005	EA 28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	333.14	35.42
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0006	EA 30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	344.48	37.04
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0007	EA 32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	357.25	37.04
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0008	EA 36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	373.26	38.64
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0009	EA 40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	401.11	38.64
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0010	EA 42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	418.87	43.47
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0011	96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08383-0002)		
08383-0012	EA 24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	348.23	35.42
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0013	EA 28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	364.47	35.42
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0014	EA 30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	376.98	37.04
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0015	EA 32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	386.26	37.04
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0016	EA 36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	420.84	38.64
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0017	EA 40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	427.80	38.64
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0018	EA 42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	444.41	43.47
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0019	Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08383-0001)		
08383-0020	84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08383-0019)		
08383-0021	EA 48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	605.16	61.19
	08MOD-0240 For Each 14" x 16" Window, Add	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add	41.00	

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	646.95	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	663.19	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	688.73	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	720.71	64.40
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	776.42	64.40
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	792.67	64.40
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08383-0019)		
08383-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	677.12	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	709.62	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	728.19	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	746.76	61.19
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	815.88	64.40
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	829.81	64.40
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	843.74	64.40
		08MOD-0240 For Each 14" x 16" Window, Add	22.00	
		08MOD-0241 For Each 15" x 20" Window, Add	28.00	
		08MOD-0242 For Each 18" x 30" Window, Add	41.00	
08383-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliaison P-11 Plus) (08383)		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08383-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08383-0036)		
08383-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08383-0037)		
08383-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	525.80	35.42
		08MOD-0243 For Each 15" x 20" Window, Add	6.00	
		08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	580.35	35.42
		08MOD-0243 For Each 15" x 20" Window, Add	6.00	
		08MOD-0244 For Each 18" x 30" Window, Add	19.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0041	EA 30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	605.62 6.00 19.00	37.04
08383-0042	EA 32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	628.83 6.00 19.00	37.04
08383-0043	EA 36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	639.04 6.00 19.00	38.64
08383-0044	EA 40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	686.62 6.00 19.00	38.64
08383-0045	EA 42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	739.20 6.00 19.00	43.47
08383-0046	EA 44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	747.33 6.00 19.00	43.47
08383-0047	96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08383-0037)		
08383-0048	EA 24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	572.22 6.00 19.00	35.42
08383-0049	EA 28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	629.09 6.00 19.00	35.42
08383-0050	EA 30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	654.36 6.00 19.00	37.04
08383-0051	EA 32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	683.38 6.00 19.00	37.04
08383-0052	EA 36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	707.51 6.00 19.00	38.64
08383-0053	EA 40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	753.94 6.00 19.00	38.64
08383-0054	EA 42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	782.15 6.00 19.00	43.47
08383-0055	EA 44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	811.16 6.00 19.00	43.47
08383-0056	Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08383-0036)		
08383-0057	84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08383-0056)		
08383-0058	EA 48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,032.27 6.00 19.00	61.19
08383-0059	EA 56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,141.37 6.00 19.00	61.19
08383-0060	EA 60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,185.47 6.00 19.00	61.19
08383-0061	EA 64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,231.89 6.00 19.00	61.19
08383-0062	EA 72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,252.27 6.00 19.00	64.40
08383-0063	EA 80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,347.44 6.00 19.00	64.40
08383-0064	EA 84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,433.33 6.00 19.00	64.40
08383-0065	EA 88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,449.57 6.00 19.00	64.40
08383-0066	96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors (08383-0056)		
08383-0067	EA 48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,125.12 6.00 19.00	61.19
08383-0068	EA 56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,238.86 6.00 19.00	61.19

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,282.96	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,340.99	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,389.22	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,482.07	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,519.21	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,577.24	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0075		3/4" Thick, Double Ply ABS Impact Traffic Doors (Eliason PMP-2) (08383)		
		Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08383-0076		Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors (08383-0075)		
08383-0077		84" Height, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors (08383-0076)		
08383-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	553.65	35.42
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	623.29	35.42
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	645.08	37.04
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	652.04	37.04
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	662.25	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	727.24	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	790.27	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	798.39	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0086		96" Height, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors (08383-0076)		
08383-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	568.74	35.42
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	654.63	35.42
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	677.58	37.04
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	686.86	37.04
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	692.42	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	740.01	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	801.88	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	811.16	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0095		Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors (08383-0075)		
08383-0096		84" Height, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors (08383-0095)		
08383-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door.....	1,087.98	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	



Doors And Windows 08000

Special Doors 08300

Traffic Doors 08380

08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,227.25	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,264.39	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,278.32	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,298.69	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,428.68	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,535.46	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,551.71	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0105		96" Height, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Doors (08383-0095)		
08383-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,118.15	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,289.92	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,329.38	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,347.95	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,359.05	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,454.22	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,558.67	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply ABS Impact Traffic Door	1,577.24	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Elison SCP-2) <small>(08383)</small>		
		Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08383-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08383-0114)		
08383-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (08383-0115)		
08383-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	692.93	35.42
	08MOD-0240	For Each 14" x 16" Window, Add	22.00	
	08MOD-0241	For Each 15" x 20" Window, Add	28.00	
	08MOD-0242	For Each 18" x 30" Window, Add	41.00	
08383-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	754.44	35.42
	08MOD-0240	For Each 14" x 16" Window, Add	22.00	
	08MOD-0241	For Each 15" x 20" Window, Add	28.00	
	08MOD-0242	For Each 18" x 30" Window, Add	41.00	
08383-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	773.91	37.04
	08MOD-0240	For Each 14" x 16" Window, Add	22.00	
	08MOD-0241	For Each 15" x 20" Window, Add	28.00	
	08MOD-0242	For Each 18" x 30" Window, Add	41.00	
08383-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	789.00	37.04
	08MOD-0240	For Each 14" x 16" Window, Add	22.00	
	08MOD-0241	For Each 15" x 20" Window, Add	28.00	
	08MOD-0242	For Each 18" x 30" Window, Add	41.00	
08383-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	817.77	38.64
	08MOD-0240	For Each 14" x 16" Window, Add	22.00	
	08MOD-0241	For Each 15" x 20" Window, Add	28.00	
	08MOD-0242	For Each 18" x 30" Window, Add	41.00	
08383-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	846.78	38.64
	08MOD-0240	For Each 14" x 16" Window, Add	22.00	
	08MOD-0241	For Each 15" x 20" Window, Add	28.00	
	08MOD-0242	For Each 18" x 30" Window, Add	41.00	

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0123	EA		42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	879.64	43.47
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0124	EA		44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	899.37	43.47
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0125			96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08383-0115)</small>		
08383-0126	EA		24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	745.15	35.42
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0127	EA		28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	810.15	35.42
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0128	EA		30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	830.78	37.04
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0129	EA		32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	838.90	37.04
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0130	EA		36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	865.35	38.64
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0131	EA		40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	903.65	38.64
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0132	EA		42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	931.86	43.47
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0133	EA		44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	951.59	43.47
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0134			Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08383-0114)</small>		
08383-0135			84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08383-0134)</small>		
08383-0136	EA		48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,366.52	61.19
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0137	EA		56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,489.55	61.19
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0138	EA		60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,522.05	61.19
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0139	EA		64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,552.22	61.19
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0140	EA		72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,609.74	64.40
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0141	EA		80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,667.77	64.40
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0142	EA		84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,714.19	64.40
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	
08383-0143	EA		88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,753.65	64.40
	08MOD-0240		For Each 14" x 16" Window, Add	22.00	
	08MOD-0241		For Each 15" x 20" Window, Add	28.00	
	08MOD-0242		For Each 18" x 30" Window, Add	41.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0144	96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08383-0134)</small>		
08383-0145	EA 48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,470.98	1,470.98	61.19
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0146	EA 56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,600.97	1,600.97	61.19
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0147	EA 60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,635.79	1,635.79	61.19
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0148	EA 64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,652.03	1,652.03	61.19
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0149	EA 72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,704.91	1,704.91	64.40
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0150	EA 80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,781.51	1,781.51	64.40
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0151	EA 84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,818.65	1,818.65	64.40
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0152	EA 88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door 1,858.11	1,858.11	64.40
	08MOD-0240 For Each 14" x 16" Window, Add 22.00	22.00	
	08MOD-0241 For Each 15" x 20" Window, Add 28.00	28.00	
	08MOD-0242 For Each 18" x 30" Window, Add 41.00	41.00	
08383-0153	1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) <small>(08383)</small>		
	Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08383-0154	Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08383-0153)</small>		
08383-0155	84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08383-0154)</small>		
08383-0156	EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 681.32	681.32	35.42
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0157	EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 714.98	714.98	35.42
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0158	EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 748.37	748.37	37.04
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0159	EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 768.10	768.10	37.04
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0160	EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 820.09	820.09	38.64
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0161	EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 859.55	859.55	38.64
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0162	EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 900.53	900.53	43.47
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0163	EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 937.67	937.67	43.47
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0164	90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08383-0154)</small>		
08383-0165	EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 704.53	704.53	35.42
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0166	EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 745.15	745.15	35.42
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0167	EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 768.10	768.10	37.04
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0168	EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 795.96	795.96	37.04
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	
08383-0169	EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door 851.43	851.43	38.64
	08MOD-0243 For Each 15" x 20" Window, Add 6.00	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add 19.00	19.00	

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0170 EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	899.01	38.64
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0171 EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	937.67	43.47
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0172 EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	972.49	43.47
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
(08383-0154)		
08383-0174 EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	763.72	35.42
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0175 EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	771.85	35.42
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0176 EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	808.73	37.04
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0177 EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	834.26	37.04
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0178 EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	890.89	38.64
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0179 EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	947.76	38.64
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0180 EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	984.09	43.47
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0181 EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,018.91	43.47
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
(08383-0153)		
08383-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
(08383-0182)		
08383-0184 EA 48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,343.31	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0185 EA 56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,410.63	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0186 EA 60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,470.98	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0187 EA 64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,510.44	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0188 EA 72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,614.38	64.40
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0189 EA 80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,693.30	64.40
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0190 EA 84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,755.98	64.40
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0191 EA 88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,830.25	64.40
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0192 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
(08383-0182)		
08383-0193 EA 48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,389.74	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0194 EA 56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,470.98	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0195 EA 60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,510.44	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0196 EA 64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,566.15	61.19
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0197 EA 72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,677.05	64.40
08MOD-0243 For Each 15" x 20" Window, Add	6.00	
08MOD-0244 For Each 18" x 30" Window, Add	19.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0198	EA 80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,772.22	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0199	EA 84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,830.25	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0200	EA 88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,899.89	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0201	96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
	<small>(08383-0192)</small>		
08383-0202	EA 48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,508.12	61.19
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0203	EA 56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,524.37	61.19
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0204	EA 60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,591.68	61.19
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0205	EA 64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,642.75	61.19
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0206	EA 72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,755.98	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0207	EA 80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,869.72	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0208	EA 84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,923.10	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0209	EA 88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,992.74	64.40
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0210	1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) <small>(08383)</small>		
	Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08383-0211	Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08383-0210)</small>		
08383-0212	84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors		
	<small>(08383-0211)</small>		
08383-0213	EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	681.32	35.42
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0214	EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	714.98	35.42
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0215	EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	748.37	37.04
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0216	EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	768.10	37.04
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0217	EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	820.09	38.64
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0218	EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	859.55	38.64
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0219	EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	900.53	43.47
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0220	EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	937.67	43.47
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0221	90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors		
	<small>(08383-0211)</small>		
08383-0222	EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	704.53	35.42
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0223	EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	745.15	35.42
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0224	EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	768.10	37.04
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	
08383-0225	EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	795.96	37.04
	08MOD-0243 For Each 15" x 20" Window, Add	6.00	
	08MOD-0244 For Each 18" x 30" Window, Add	19.00	

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	851.43	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	899.01	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	937.67	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	972.49	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors		
	(08383-0211)			
08383-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	763.72	35.42
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	771.85	35.42
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	808.73	37.04
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	834.26	37.04
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	890.89	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	947.76	38.64
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	984.09	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,018.91	43.47
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0239		Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08383-0210)		
08383-0240		84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08383-0239)		
08383-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,343.31	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,410.63	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,470.98	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,510.44	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,614.38	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,693.30	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,755.98	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,830.25	64.40
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0249		90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08383-0239)		
08383-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,389.74	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,470.98	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	
08383-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	1,510.44	61.19
	08MOD-0243	For Each 15" x 20" Window, Add	6.00	
	08MOD-0244	For Each 18" x 30" Window, Add	19.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0253	EA 64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,566.15 6.00 19.00	61.19
08383-0254	EA 72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,677.05 6.00 19.00	64.40
08383-0255	EA 80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,772.22 6.00 19.00	64.40
08383-0256	EA 84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,830.25 6.00 19.00	64.40
08383-0257	EA 88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,899.89 6.00 19.00	64.40
08383-0258	96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (08383-0239)		
08383-0259	EA 48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,508.12 6.00 19.00	61.19
08383-0260	EA 56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,524.37 6.00 19.00	61.19
08383-0261	EA 60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,591.68 6.00 19.00	61.19
08383-0262	EA 64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,642.75 6.00 19.00	61.19
08383-0263	EA 72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,755.98 6.00 19.00	64.40
08383-0264	EA 80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,869.72 6.00 19.00	64.40
08383-0265	EA 84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,923.10 6.00 19.00	64.40
08383-0266	EA 88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door 08MOD-0243 For Each 15" x 20" Window, Add 08MOD-0244 For Each 18" x 30" Window, Add	1,992.74 6.00 19.00	64.40
08383-0267	Rigid Impact Traffic Door Accessories (08383)		
08383-0268	Bumper Strips For Impact Traffic Doors (08383-0267) Note: Includes two bumpers per set.		
08383-0269	SET 24" Wide, Bumper Strips For Impact Traffic Doors	68.70	25.76
08383-0270	SET 30" Wide, Bumper Strips For Impact Traffic Doors	74.51	25.76
08383-0271	SET 36" Wide, Bumper Strips For Impact Traffic Doors	79.15	25.76
08383-0272	SET 48" Wide, Bumper Strips For Impact Traffic Doors	87.27	25.76
08383-0273	Easy Spring Bumpers For Impact Traffic Doors (08383-0267) Note: Includes two bumpers per set.		
08383-0274	SET 18" Height, Easy Spring Bumpers For Impact Traffic Doors	162.71	25.76
08383-0275	SET 24" Height, Easy Spring Bumpers For Impact Traffic Doors	211.46	25.76
08383-0276	SET 36" Height, Easy Spring Bumpers For Impact Traffic Doors	305.47	25.76
08383-0277	SET 42" Height, Easy Spring Bumpers For Impact Traffic Doors	350.73	25.76
08383-0278	SET 48" Height, Easy Spring Bumpers For Impact Traffic Doors	397.16	25.76
08383-0279	Scuff Plates For Impact Traffic Doors (08383-0267) Note: Includes two 0.090" thermoplastic plates per set.		
08383-0280	12" High, Scuff Plates For Impact Traffic Doors (08383-0279)		
08383-0281	SET 24" Wide x 12" High, Impact Traffic Door Scuff Plates	79.15	25.76
08383-0282	SET 30" Wide x 12" High, Impact Traffic Door Scuff Plates	83.79	25.76
08383-0283	SET 36" Wide x 12" High, Impact Traffic Door Scuff Plates	89.59	25.76
08383-0284	SET 42" Wide x 12" High, Impact Traffic Door Scuff Plates	97.72	25.76
08383-0285	SET 48" Wide x 12" High, Impact Traffic Door Scuff Plates	102.36	25.76
08383-0286	24" High, Scuff Plates For Impact Traffic Doors (08383-0279)		
08383-0287	SET 24" Wide x 24" High, Impact Traffic Door Scuff Plates	102.36	25.76
08383-0288	SET 30" Wide x 24" High, Impact Traffic Door Scuff Plates	123.25	25.76
08383-0289	SET 36" Wide x 24" High, Impact Traffic Door Scuff Plates	134.86	25.76
08383-0290	SET 42" Wide x 24" High, Impact Traffic Door Scuff Plates	151.11	25.76
08383-0291	SET 48" Wide x 24" High, Impact Traffic Door Scuff Plates	161.55	25.76

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0292		30" High, Scuff Plates For Impact Traffic Doors (08383-0279)		
08383-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates.....	123.25	25.76
08383-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates.....	141.82	25.76
08383-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates.....	155.75	25.76
08383-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates.....	181.28	25.76
08383-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates.....	198.69	25.76
08383-0298		36" High, Scuff Plates For Impact Traffic Doors (08383-0279)		
08383-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates.....	134.86	25.76
08383-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates.....	155.75	25.76
08383-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates.....	178.96	25.76
08383-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates.....	191.73	25.76
08383-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates.....	211.46	25.76
08383-0304		48" High, Scuff Plates For Impact Traffic Doors (08383-0279)		
08383-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates.....	161.55	25.76
08383-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates.....	198.69	25.76
08383-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates.....	211.46	25.76
08383-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates.....	235.83	25.76
08383-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates.....	262.52	25.76
08383-0310		Base Plates For Impact Traffic Doors (08383-0267)		
		Note: Includes two base plates per set.		
08383-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08383-0310)		
08383-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08383-0311)		
08383-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	76.83	25.76
08383-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	81.47	25.76
08383-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	83.79	25.76
08383-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	94.24	25.76
08383-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	98.88	25.76
08383-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08383-0311)		
08383-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	94.24	25.76
08383-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	101.20	25.76
08383-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	108.16	25.76
08383-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	113.97	25.76
08383-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	123.25	25.76
08383-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08383-0311)		
08383-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	105.84	25.76
08383-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	111.65	25.76
08383-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	125.57	25.76
08383-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	140.66	25.76
08383-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	147.62	25.76
08383-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08383-0311)		
08383-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	111.65	25.76
08383-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	123.25	25.76
08383-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	140.66	25.76
08383-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	154.59	25.76
08383-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	162.71	25.76
08383-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08383-0311)		
08383-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	138.34	25.76
08383-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	154.59	25.76
08383-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	176.64	25.76
08383-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	187.08	25.76
08383-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	201.01	25.76
08383-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0310)		
08383-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0342)		
08383-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	97.72	25.76
08383-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	102.36	25.76
08383-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	116.29	25.76
08383-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	123.25	25.76
08383-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	142.98	25.76
08383-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0342)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0350 SET 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	130.21	25.76
08383-0351 SET 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	151.11	25.76
08383-0352 SET 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	172.00	25.76
08383-0353 SET 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	197.53	25.76
08383-0354 SET 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	220.74	25.76
08383-0355 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0342)		
08383-0356 SET 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	146.46	25.76
08383-0357 SET 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	174.32	25.76
08383-0358 SET 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	199.85	25.76
08383-0359 SET 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	226.55	25.76
08383-0360 SET 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	257.88	25.76
08383-0361 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0342)		
08383-0362 SET 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	167.35	25.76
08383-0363 SET 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	197.53	25.76
08383-0364 SET 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	232.35	25.76
08383-0365 SET 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	266.01	25.76
08383-0366 SET 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	295.02	25.76
08383-0367 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0342)		
08383-0368 SET 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	204.49	25.76
08383-0369 SET 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	276.45	25.76
08383-0370 SET 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	295.02	25.76
08383-0371 SET 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	350.73	25.76
08383-0372 SET 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	383.23	25.76
08383-0373 One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0310)		
08383-0374 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0373)		
08383-0375 SET 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	88.43	25.76
08383-0376 SET 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	94.24	25.76
08383-0377 SET 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	101.20	25.76
08383-0378 SET 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	109.32	25.76
08383-0379 SET 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	122.09	25.76
08383-0380 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0373)		
08383-0381 SET 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	113.97	25.76
08383-0382 SET 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	127.89	25.76
08383-0383 SET 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	141.82	25.76
08383-0384 SET 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	156.91	25.76
08383-0385 SET 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	174.32	25.76
08383-0386 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0373)		
08383-0387 SET 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	127.89	25.76
08383-0388 SET 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	145.30	25.76
08383-0389 SET 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	165.03	25.76
08383-0390 SET 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	189.41	25.76
08383-0391 SET 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	205.65	25.76
08383-0392 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0373)		
08383-0393 SET 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	141.82	25.76
08383-0394 SET 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	165.03	25.76
08383-0395 SET 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	189.41	25.76
08383-0396 SET 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	231.78	25.76
08383-0397 SET 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	231.19	25.76
08383-0398 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08383-0373)		
08383-0399 SET 24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	174.32	25.76
08383-0400 SET 30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	210.30	25.76
08383-0401 SET 36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	231.19	25.76
08383-0402 SET 42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	272.97	25.76
08383-0403 SET 48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	284.58	25.76

08000 Doors And Windows**08300 Special Doors****08380 Traffic Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0404		Jamb Guards For Impact Traffic Doors (08383-0267)		
08383-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	119.26	32.21
08383-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	154.07	32.21
08383-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	281.74	32.21
08383-0408		Other Impact Traffic Door Accessories (08383-0267)		
08383-0409	EA	Push Plate For Impact Traffic Doors	34.67	16.10
08383-0410	EA	Pull Handle For Impact Traffic Doors	42.79	16.10
08383-0411	EA	Deadbolt Lock For Impact Traffic Doors	92.70	16.10
08383-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	113.59	16.10
08383-0413	PR	Padlock Brackets For Impact Traffic Doors	50.92	16.10
08383-0414		Impact Traffic Door Knock Down Frames (08383)		
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08383-0415		Single Door, Impact Traffic Door Knock Down Frames (08383-0414)		
08383-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames (08383-0415)		
08383-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	303.91	48.30
08383-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	353.05	53.13
08383-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	363.42	56.36
08383-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	376.54	61.19
08383-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	387.42	64.40
08383-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	404.51	67.62
08383-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	418.08	70.85
08383-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	428.41	74.06
08383-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames (08383-0415)		
08383-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	309.08	48.30
08383-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	359.21	53.13
08383-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	369.69	56.36
08383-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	382.90	61.19
08383-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	393.88	64.40
08383-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	411.24	67.62
08383-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	424.98	70.85
08383-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	435.42	74.06
08383-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames (08383-0415)		
08383-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	315.97	48.30
08383-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	367.41	53.13
08383-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	378.02	56.36
08383-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	389.30	61.19
08383-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	402.47	64.40
08383-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	417.97	67.62
08383-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	434.16	70.85
08383-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	445.24	72.46
08383-0443		Double Door, Impact Traffic Door Knock Down Frames (08383-0414)		
08383-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames (08383-0443)		
08383-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	434.38	74.06
08383-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	442.68	75.35
08383-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	450.70	77.29
08383-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	463.81	80.51
08383-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	473.44	83.72
08383-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	486.80	84.37
08383-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	496.41	85.34
08383-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	508.53	86.95
08383-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames (08383-0443)		
08383-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	441.53	74.06
08383-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	449.93	75.35
08383-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	458.10	77.29
08383-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	471.38	80.51
08383-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	481.10	83.72
08383-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	494.75	84.37
08383-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	504.55	85.34
08383-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	516.90	86.95
08383-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames (08383-0443)		
08383-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	449.88	74.06
08383-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	457.17	75.35
08383-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	467.93	77.29



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08383-0466 EA 64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	478.95	80.51
08383-0467 EA 72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	491.26	83.72
08383-0468 EA 80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	506.47	84.37
08383-0469 EA 84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	515.37	85.34
08383-0470 EA 88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	528.08	86.95

08390 Screen And Storm Doors (08300)

08390-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom (08390)

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08390-0002 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	349.80	51.53
08MOD-0111 For Special Finished, Add	26.52	
08390-0003 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	364.71	51.53
08390-0004 EA Aluminum Screen Door	236.28	32.19
08390-0005 SF Repair Screen Door	4.88	

08390-0006 Wood Screen Storm Door, Residential Grade (08390)

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08390-0007 EA 2'-8" x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware	326.31	92.74
08390-0008 EA 3' x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware	340.63	103.04
08390-0009 EA 2'-8" x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware	326.31	92.74
08390-0010 EA 3' x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware	340.63	103.04

08390-0011 Steel Screen Door (08390)

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08390-0012 EA 2'-8" x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware	512.41	88.55
08390-0013 EA 3' x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware	518.88	91.78
08390-0014 EA Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	634.58	91.78

08500 Windows (08000)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08510 Steel Windows (08500)

Note: All sashes are factory primed. See CSI section 08800-0000 for glazing.

08510-0001 Steel Windows (08510)

08510-0002 Industrial (08510-0001)

08510-0003 SF Industrial Steel Window With Horizontal Pivot Sash	46.68	3.86
08MOD-0112 For Heavy Commercial Grade (HC-40), Add	19.07	
08MOD-0113 For Non Stock Custom Sizes, Add	4.02	
08MOD-0114 For Double Glazing Sash, Add	24.53	
08MOD-0115 For Bonderized Finish, Add	15.29	
08MOD-0118 For Installation In Concrete Or Masonry, Add	2.29	
08510-0004 SF Industrial Steel Window, Fixed Sash	41.52	3.86
08MOD-0112 For Heavy Commercial Grade (HC-40), Add	16.75	
08MOD-0113 For Non Stock Custom Sizes, Add	3.51	
08MOD-0114 For Double Glazing Sash, Add	21.43	
08MOD-0115 For Bonderized Finish, Add	13.33	
08MOD-0118 For Installation In Concrete Or Masonry, Add	2.17	
08510-0005 SF Industrial Steel Window, Operable Security Sash	67.83	3.86
08MOD-0112 For Heavy Commercial Grade (HC-40), Add	28.59	
08MOD-0113 For Non Stock Custom Sizes, Add	6.14	
08MOD-0114 For Double Glazing Sash, Add	37.22	
08MOD-0115 For Bonderized Finish, Add	23.33	
08MOD-0118 For Installation In Concrete Or Masonry, Add	2.82	
08510-0006 SF Industrial Steel Window, Fixed Security Sash	57.51	3.86
08MOD-0112 For Heavy Commercial Grade (HC-40), Add	23.95	
08MOD-0113 For Non Stock Custom Sizes, Add	5.11	
08MOD-0114 For Double Glazing Sash, Add	31.03	
08MOD-0115 For Bonderized Finish, Add	19.41	
08MOD-0118 For Installation In Concrete Or Masonry, Add	2.56	

08510-0007 Projected Sash (08510-0001)

08510-0008 SF Commercial Projected Sash Window - 40% Vented Steel	54.37	3.86
08MOD-0112 For Heavy Commercial Grade (HC-40), Add	22.53	
08MOD-0113 For Non Stock Custom Sizes, Add	4.79	
08MOD-0114 For Double Glazing Sash, Add	29.14	
08MOD-0115 For Bonderized Finish, Add	18.21	
08MOD-0118 For Installation In Concrete Or Masonry, Add	2.49	
08510-0009 SF Intermediate Projected Sash Window - 40% Vented Steel	60.04	3.86
08MOD-0112 For Heavy Commercial Grade (HC-40), Add	25.09	
08MOD-0113 For Non Stock Custom Sizes, Add	5.36	
08MOD-0114 For Double Glazing Sash, Add	32.55	
08MOD-0115 For Bonderized Finish, Add	20.37	
08MOD-0118 For Installation In Concrete Or Masonry, Add	2.63	

08000 Doors And Windows**08500 Windows****08510 Steel Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08510-0010		Other Type Sash <small>(08510-0001)</small>		
08510-0011	SF	Double Hung Steel Window Sash.....	70.06	3.86
	08MOD-0112	For Heavy Commercial Grade (HC-40), Add	29.60	
	08MOD-0113	For Non Stock Custom Sizes, Add	6.36	
	08MOD-0114	For Double Glazing Sash, Add	38.56	
	08MOD-0115	For Bonderized Finish, Add	24.18	
	08MOD-0118	For Installation In Concrete Or Masonry, Add	2.88	
08510-0012	SF	Steel Picture Window Sash.....	29.67	3.86
	08MOD-0112	For Heavy Commercial Grade (HC-40), Add	11.42	
	08MOD-0113	For Non Stock Custom Sizes, Add	2.32	
	08MOD-0114	For Double Glazing Sash, Add	14.32	
	08MOD-0115	For Bonderized Finish, Add	8.83	
	08MOD-0118	For Installation In Concrete Or Masonry, Add	1.87	
08510-0013	SF	Fire Rated Double Hung Steel Window Sash.....	72.29	4.83
	08MOD-0112	For Heavy Commercial Grade (HC-40), Add	30.60	
	08MOD-0113	For Non Stock Custom Sizes, Add	6.59	
	08MOD-0114	For Double Glazing Sash, Add	39.90	
	08MOD-0115	For Bonderized Finish, Add	25.02	
	08MOD-0118	For Installation In Concrete Or Masonry, Add	2.93	
08510-0014	SF	Single Hung Steel Window Sash.....	49.35	3.86
	08MOD-0112	For Heavy Commercial Grade (HC-40), Add	20.28	
	08MOD-0113	For Non Stock Custom Sizes, Add	4.29	
	08MOD-0114	For Double Glazing Sash, Add	26.13	
	08MOD-0115	For Bonderized Finish, Add	16.31	
	08MOD-0118	For Installation In Concrete Or Masonry, Add	2.36	
08510-0015		Casements <small>(08510-0001)</small>		
08510-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed.....	62.73	1.94
	08MOD-0114	For Double Glazing Sash, Add	34.16	
	08MOD-0115	For Bonderized Finish, Add	21.39	
	08MOD-0116	For Heavy Commercial Grade (HC-40), Add	26.30	
	08MOD-0117	For Non Stock Custom Sizes, Add	5.63	
	08MOD-0119	For Installation In Concrete Or Masonry, Add	2.70	
08510-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed.....	54.15	1.94
	08MOD-0114	For Double Glazing Sash, Add	29.01	
	08MOD-0115	For Bonderized Finish, Add	18.13	
	08MOD-0116	For Heavy Commercial Grade (HC-40), Add	22.44	
	08MOD-0117	For Non Stock Custom Sizes, Add	4.77	
	08MOD-0119	For Installation In Concrete Or Masonry, Add	2.48	
08510-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed.....	37.97	2.89
	08MOD-0114	For Double Glazing Sash, Add	19.30	
	08MOD-0115	For Bonderized Finish, Add	11.98	
	08MOD-0116	For Heavy Commercial Grade (HC-40), Add	15.15	
	08MOD-0117	For Non Stock Custom Sizes, Add	3.15	
	08MOD-0119	For Installation In Concrete Or Masonry, Add	2.08	
08510-0019		Window Hardware <small>(08510-0001)</small>		
08510-0020	EA	Window Pole Hook.....	57.14	
08510-0021	EA	Window Pole.....	14.42	
08510-0022	PR	Window Cleaner Anchor Bolt.....	367.58	
08510-0023		Mullions <small>(08510-0001)</small>		
08510-0024	LF	Open Faced Steel Mullion.....	22.35	2.89
08510-0025	LF	Covered Steel Mullions.....	38.57	2.89
08510-0026		Removal And Reinstallation Of Metal Window And Frame <small>(08510)</small>		
		Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08510-0027	SF	Remove And Reinstall Metal Window And Frame.....	10.16	
08520		Aluminum Windows <small>(08500)</small>		
		See CSI section 08800-0000 for glazing.		
08520-0001		Aluminum Windows <small>(08520)</small>		
		Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.		
08520-0002		Single Hung Aluminum Windows <small>(08520-0001)</small>		
08520-0003		2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) <small>(08520-0002)</small>		
08520-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	281.69	61.83
	08MOD-0120	For Installation In Concrete Or Masonry, Add	25.07	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	3.57	
	08MOD-0332	For 70% Fluoropolymer Finish (Durantar), Add	10.72	
	08MOD-0333	For Clear Anodized Finish, Add	8.93	
	08MOD-0334	For Color Anodized Finish, Add	12.51	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0005	EA >6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	315.71	65.69
	08MOD-0120 For Installation In Concrete Or Masonry, Add	27.05	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.12	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	12.37	
	08MOD-0333 For Clear Anodized Finish, Add	10.31	
	08MOD-0334 For Color Anodized Finish, Add	14.44	
08520-0006	EA >10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	344.94	69.55
	08MOD-0120 For Installation In Concrete Or Masonry, Add	28.91	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.58	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	13.74	
	08MOD-0333 For Clear Anodized Finish, Add	11.45	
	08MOD-0334 For Color Anodized Finish, Add	16.03	
08520-0007	EA >15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	369.36	73.42
	08MOD-0120 For Installation In Concrete Or Masonry, Add	30.65	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.94	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	14.82	
	08MOD-0333 For Clear Anodized Finish, Add	12.35	
	08MOD-0334 For Color Anodized Finish, Add	17.29	
08520-0008	EA >20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	422.56	77.29
	08MOD-0120 For Installation In Concrete Or Masonry, Add	33.10	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.88	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	17.63	
	08MOD-0333 For Clear Anodized Finish, Add	14.69	
	08MOD-0334 For Color Anodized Finish, Add	20.56	
08520-0009	SF >30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400).....	13.66	2.32
	08MOD-0120 For Installation In Concrete Or Masonry, Add	1.02	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	0.59	
	08MOD-0333 For Clear Anodized Finish, Add	0.49	
	08MOD-0334 For Color Anodized Finish, Add	0.69	
08520-0010	3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) (08520-0002)		
08520-0011	EA Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	408.78	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	28.25	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.11	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	18.34	
	08MOD-0333 For Clear Anodized Finish, Add	15.29	
	08MOD-0334 For Color Anodized Finish, Add	21.40	
08520-0012	EA >6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	453.59	65.69
	08MOD-0120 For Installation In Concrete Or Masonry, Add	30.50	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.88	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	20.65	
	08MOD-0333 For Clear Anodized Finish, Add	17.21	
	08MOD-0334 For Color Anodized Finish, Add	24.09	
08520-0013	EA >10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	491.22	69.55
	08MOD-0120 For Installation In Concrete Or Masonry, Add	32.57	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.51	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	22.52	
	08MOD-0333 For Clear Anodized Finish, Add	18.76	
	08MOD-0334 For Color Anodized Finish, Add	26.27	
08520-0014	EA >15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	527.63	73.42
	08MOD-0120 For Installation In Concrete Or Masonry, Add	34.61	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.11	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	24.32	
	08MOD-0333 For Clear Anodized Finish, Add	20.26	
	08MOD-0334 For Color Anodized Finish, Add	28.37	
08520-0015	EA >20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	623.99	77.29
	08MOD-0120 For Installation In Concrete Or Masonry, Add	38.14	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.90	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	29.71	
	08MOD-0333 For Clear Anodized Finish, Add	24.76	
	08MOD-0334 For Color Anodized Finish, Add	34.66	
08520-0016	SF >30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100).....	20.37	2.32
	08MOD-0120 For Installation In Concrete Or Masonry, Add	1.18	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.33	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	0.99	
	08MOD-0333 For Clear Anodized Finish, Add	0.83	
	08MOD-0334 For Color Anodized Finish, Add	1.16	
08520-0017	3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08520-0002)		
08520-0018	EA Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	430.37	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	28.79	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.55	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	19.64	
	08MOD-0333 For Clear Anodized Finish, Add	16.37	
	08MOD-0334 For Color Anodized Finish, Add	22.91	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	483.57	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	31.25	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.48	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	22.45	
		08MOD-0333 For Clear Anodized Finish, Add	18.70	
		08MOD-0334 For Color Anodized Finish, Add	26.19	
08520-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	527.19	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	33.47	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.23	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	24.68	
		08MOD-0333 For Clear Anodized Finish, Add	20.56	
		08MOD-0334 For Color Anodized Finish, Add	28.79	
08520-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	569.60	73.42
		08MOD-0120 For Installation In Concrete Or Masonry, Add	35.65	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.94	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	26.83	
		08MOD-0333 For Clear Anodized Finish, Add	22.36	
		08MOD-0334 For Color Anodized Finish, Add	31.31	
08520-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	675.54	77.29
		08MOD-0120 For Installation In Concrete Or Masonry, Add	39.43	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.93	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	32.80	
		08MOD-0333 For Clear Anodized Finish, Add	27.34	
		08MOD-0334 For Color Anodized Finish, Add	38.27	
08520-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	22.08	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.23	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	1.09	
		08MOD-0333 For Clear Anodized Finish, Add	0.91	
		08MOD-0334 For Color Anodized Finish, Add	1.28	
08520-0024		4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08520-0002)		
08520-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	471.13	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	29.81	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.36	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	22.09	
		08MOD-0333 For Clear Anodized Finish, Add	18.40	
		08MOD-0334 For Color Anodized Finish, Add	25.77	
08520-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	539.92	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	32.66	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.61	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	25.83	
		08MOD-0333 For Clear Anodized Finish, Add	21.52	
		08MOD-0334 For Color Anodized Finish, Add	30.13	
08520-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	584.74	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	34.91	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.38	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	28.13	
		08MOD-0333 For Clear Anodized Finish, Add	23.44	
		08MOD-0334 For Color Anodized Finish, Add	32.82	
08520-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	627.15	73.42
		08MOD-0120 For Installation In Concrete Or Masonry, Add	37.09	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.10	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	30.29	
		08MOD-0333 For Clear Anodized Finish, Add	25.24	
		08MOD-0334 For Color Anodized Finish, Add	35.33	
08520-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	724.70	77.29
		08MOD-0120 For Installation In Concrete Or Masonry, Add	40.66	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	11.92	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	35.75	
		08MOD-0333 For Clear Anodized Finish, Add	29.80	
		08MOD-0334 For Color Anodized Finish, Add	41.71	
08520-0030	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	23.73	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.27	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.40	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	1.19	
		08MOD-0333 For Clear Anodized Finish, Add	0.99	
		08MOD-0334 For Color Anodized Finish, Add	1.39	
08520-0031		Double Hung Aluminum Windows (08520-0001)		
08520-0032		3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) (08520-0031)		
08520-0033	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	314.06	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	25.88	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.22	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	12.66	
		08MOD-0333 For Clear Anodized Finish, Add	10.55	
		08MOD-0334 For Color Anodized Finish, Add	14.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0034 EA >6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	346.88	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	27.83	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.75	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	14.24	
08MOD-0333 For Clear Anodized Finish, Add	11.87	
08MOD-0334 For Color Anodized Finish, Add	16.62	
08520-0035 EA >10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	374.91	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	29.66	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.18	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	15.54	
08MOD-0333 For Clear Anodized Finish, Add	12.95	
08MOD-0334 For Color Anodized Finish, Add	18.13	
08520-0036 EA >15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	404.13	73.42
08MOD-0120 For Installation In Concrete Or Masonry, Add	31.52	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.64	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	16.91	
08MOD-0333 For Clear Anodized Finish, Add	14.09	
08MOD-0334 For Color Anodized Finish, Add	19.72	
08520-0037 EA >20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	469.32	77.29
08MOD-0120 For Installation In Concrete Or Masonry, Add	34.27	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.81	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	20.43	
08MOD-0333 For Clear Anodized Finish, Add	17.03	
08MOD-0334 For Color Anodized Finish, Add	23.84	
08520-0038 SF >30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	15.21	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.06	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.23	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	0.68	
08MOD-0333 For Clear Anodized Finish, Add	0.57	
08MOD-0334 For Color Anodized Finish, Add	0.79	
08520-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) (08520-0031)		
08520-0040 EA Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	382.41	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	27.59	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.59	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	16.76	
08MOD-0333 For Clear Anodized Finish, Add	13.97	
08MOD-0334 For Color Anodized Finish, Add	19.56	
08520-0041 EA >6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	441.60	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	30.20	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.64	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	19.93	
08MOD-0333 For Clear Anodized Finish, Add	16.61	
08MOD-0334 For Color Anodized Finish, Add	23.25	
08520-0042 EA >10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	490.02	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	32.54	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.48	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	22.45	
08MOD-0333 For Clear Anodized Finish, Add	18.70	
08MOD-0334 For Color Anodized Finish, Add	26.19	
08520-0043 EA >15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	544.42	73.42
08MOD-0120 For Installation In Concrete Or Masonry, Add	35.03	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.44	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	25.32	
08MOD-0333 For Clear Anodized Finish, Add	21.10	
08MOD-0334 For Color Anodized Finish, Add	29.54	
08520-0044 EA >20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	643.17	77.29
08MOD-0120 For Installation In Concrete Or Masonry, Add	38.62	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.29	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	30.86	
08MOD-0333 For Clear Anodized Finish, Add	25.72	
08MOD-0334 For Color Anodized Finish, Add	36.01	
08520-0045 SF >30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	21.01	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.20	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.34	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	1.03	
08MOD-0333 For Clear Anodized Finish, Add	0.86	
08MOD-0334 For Color Anodized Finish, Add	1.20	
08520-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) (08520-0031)		
08520-0047 EA Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	477.13	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	29.96	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.48	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	22.45	
08MOD-0333 For Clear Anodized Finish, Add	18.70	
08MOD-0334 For Color Anodized Finish, Add	26.19	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	545.92	65.69
	08MOD-0120	For Installation In Concrete Or Masonry, Add	32.81	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	8.73	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	26.19	
	08MOD-0333	For Clear Anodized Finish, Add	21.82	
	08MOD-0334	For Color Anodized Finish, Add	30.55	
08520-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	603.92	69.55
	08MOD-0120	For Installation In Concrete Or Masonry, Add	35.39	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	9.76	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	29.28	
	08MOD-0333	For Clear Anodized Finish, Add	24.40	
	08MOD-0334	For Color Anodized Finish, Add	34.16	
08520-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	660.72	73.42
	08MOD-0120	For Installation In Concrete Or Masonry, Add	37.93	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	10.77	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	32.30	
	08MOD-0333	For Clear Anodized Finish, Add	26.92	
	08MOD-0334	For Color Anodized Finish, Add	37.68	
08520-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	795.44	77.29
	08MOD-0120	For Installation In Concrete Or Masonry, Add	42.43	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	13.33	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	40.00	
	08MOD-0333	For Clear Anodized Finish, Add	33.33	
	08MOD-0334	For Color Anodized Finish, Add	46.66	
08520-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	26.08	2.32
	08MOD-0120	For Installation In Concrete Or Masonry, Add	1.33	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	0.44	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	1.33	
	08MOD-0333	For Clear Anodized Finish, Add	1.11	
	08MOD-0334	For Color Anodized Finish, Add	1.56	
08520-0053		4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) (08520-0031)		
08520-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	736.56	65.69
	08MOD-0120	For Installation In Concrete Or Masonry, Add	37.57	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	12.54	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	37.62	
	08MOD-0333	For Clear Anodized Finish, Add	31.35	
	08MOD-0334	For Color Anodized Finish, Add	43.90	
08520-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	806.55	69.55
	08MOD-0120	For Installation In Concrete Or Masonry, Add	40.45	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	13.81	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	41.44	
	08MOD-0333	For Clear Anodized Finish, Add	34.53	
	08MOD-0334	For Color Anodized Finish, Add	48.34	
08520-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	888.53	73.42
	08MOD-0120	For Installation In Concrete Or Masonry, Add	43.63	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	15.32	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	45.97	
	08MOD-0333	For Clear Anodized Finish, Add	38.31	
	08MOD-0334	For Color Anodized Finish, Add	53.63	
08520-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,025.65	77.29
	08MOD-0120	For Installation In Concrete Or Masonry, Add	48.18	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	17.94	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	53.81	
	08MOD-0333	For Clear Anodized Finish, Add	44.84	
	08MOD-0334	For Color Anodized Finish, Add	62.78	
08520-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	33.72	2.32
	08MOD-0120	For Installation In Concrete Or Masonry, Add	1.52	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	0.60	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	1.79	
	08MOD-0333	For Clear Anodized Finish, Add	1.49	
	08MOD-0334	For Color Anodized Finish, Add	2.09	
08520-0059		5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) (08520-0031)		
08520-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,007.53	65.69
	08MOD-0120	For Installation In Concrete Or Masonry, Add	44.35	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	17.96	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	53.88	
	08MOD-0333	For Clear Anodized Finish, Add	44.90	
	08MOD-0334	For Color Anodized Finish, Add	62.86	
08520-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,085.92	69.55
	08MOD-0120	For Installation In Concrete Or Masonry, Add	47.44	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	19.40	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	58.20	
	08MOD-0333	For Clear Anodized Finish, Add	48.50	
	08MOD-0334	For Color Anodized Finish, Add	67.90	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0062	EA >15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,175.09	73.42
	08MOD-0120 For Installation In Concrete Or Masonry, Add	50.79	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	21.05	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	63.16	
	08MOD-0333 For Clear Anodized Finish, Add	52.64	
	08MOD-0334 For Color Anodized Finish, Add	73.69	
08520-0063	EA >20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,329.00	77.29
	08MOD-0120 For Installation In Concrete Or Masonry, Add	55.77	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	24.00	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	72.01	
	08MOD-0333 For Clear Anodized Finish, Add	60.01	
	08MOD-0334 For Color Anodized Finish, Add	84.01	
08520-0064	SF >30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	43.91	2.32
	08MOD-0120 For Installation In Concrete Or Masonry, Add	1.77	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.80	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	2.40	
	08MOD-0333 For Clear Anodized Finish, Add	2.00	
	08MOD-0334 For Color Anodized Finish, Add	2.80	
08520-0065	Horizontal Sliding Aluminum Windows (08520-0001)		
08520-0066	One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows (08520-0065)		
08520-0067	2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) (08520-0066)		
08520-0068	EA Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	287.69	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	25.22	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.69	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	11.08	
	08MOD-0333 For Clear Anodized Finish, Add	9.23	
	08MOD-0334 For Color Anodized Finish, Add	12.93	
08520-0069	EA >6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	322.90	65.69
	08MOD-0120 For Installation In Concrete Or Masonry, Add	27.23	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.27	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	12.81	
	08MOD-0333 For Clear Anodized Finish, Add	10.67	
	08MOD-0334 For Color Anodized Finish, Add	14.94	
08520-0070	EA >10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	349.73	69.55
	08MOD-0120 For Installation In Concrete Or Masonry, Add	29.03	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.68	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	14.03	
	08MOD-0333 For Clear Anodized Finish, Add	11.69	
	08MOD-0334 For Color Anodized Finish, Add	16.37	
08520-0071	EA >15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	377.76	73.42
	08MOD-0120 For Installation In Concrete Or Masonry, Add	30.86	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.11	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	15.32	
	08MOD-0333 For Clear Anodized Finish, Add	12.77	
	08MOD-0334 For Color Anodized Finish, Add	17.88	
08520-0072	EA >20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	433.35	77.29
	08MOD-0120 For Installation In Concrete Or Masonry, Add	33.37	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.09	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	18.27	
	08MOD-0333 For Clear Anodized Finish, Add	15.23	
	08MOD-0334 For Color Anodized Finish, Add	21.32	
08520-0073	SF >30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	14.02	2.32
	08MOD-0120 For Installation In Concrete Or Masonry, Add	1.03	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	0.61	
	08MOD-0333 For Clear Anodized Finish, Add	0.51	
	08MOD-0334 For Color Anodized Finish, Add	0.71	
08520-0074	3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) (08520-0066)		
08520-0075	EA Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	439.96	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	29.03	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.74	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	20.22	
	08MOD-0333 For Clear Anodized Finish, Add	16.85	
	08MOD-0334 For Color Anodized Finish, Add	23.58	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0076	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	494.36	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	31.52	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.70	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	23.09	
		08MOD-0333 For Clear Anodized Finish, Add	19.24	
		08MOD-0334 For Color Anodized Finish, Add	26.94	
08520-0077	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	537.98	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	33.74	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.44	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	25.32	
		08MOD-0333 For Clear Anodized Finish, Add	21.10	
		08MOD-0334 For Color Anodized Finish, Add	29.54	
08520-0078	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	580.39	73.42
		08MOD-0120 For Installation In Concrete Or Masonry, Add	35.92	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.16	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	27.48	
		08MOD-0333 For Clear Anodized Finish, Add	22.90	
		08MOD-0334 For Color Anodized Finish, Add	32.06	
08520-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	670.75	77.29
		08MOD-0120 For Installation In Concrete Or Masonry, Add	39.31	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.84	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	32.52	
		08MOD-0333 For Clear Anodized Finish, Add	27.10	
		08MOD-0334 For Color Anodized Finish, Add	37.94	
08520-0080	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	21.93	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.22	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	1.08	
		08MOD-0333 For Clear Anodized Finish, Add	0.90	
		08MOD-0334 For Color Anodized Finish, Add	1.26	
08520-0081		Two Rolling Sashes, Horizontal Sliding Aluminum Windows (08520-0065)		
08520-0082		3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) (08520-0081)		
08520-0083	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	318.86	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	26.00	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.32	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	12.95	
		08MOD-0333 For Clear Anodized Finish, Add	10.79	
		08MOD-0334 For Color Anodized Finish, Add	15.11	
08520-0084	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	363.67	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	28.25	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.08	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	15.25	
		08MOD-0333 For Clear Anodized Finish, Add	12.71	
		08MOD-0334 For Color Anodized Finish, Add	17.79	
08520-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	394.10	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	30.14	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.56	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	16.69	
		08MOD-0333 For Clear Anodized Finish, Add	13.91	
		08MOD-0334 For Color Anodized Finish, Add	19.47	
08520-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	419.72	73.42
		08MOD-0120 For Installation In Concrete Or Masonry, Add	31.91	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.95	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	17.84	
		08MOD-0333 For Clear Anodized Finish, Add	14.87	
		08MOD-0334 For Color Anodized Finish, Add	20.81	
08520-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	482.50	77.29
		08MOD-0120 For Installation In Concrete Or Masonry, Add	34.60	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.07	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	21.22	
		08MOD-0333 For Clear Anodized Finish, Add	17.69	
		08MOD-0334 For Color Anodized Finish, Add	24.76	
08520-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	15.65	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.07	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.24	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	0.71	
		08MOD-0333 For Clear Anodized Finish, Add	0.59	
		08MOD-0334 For Color Anodized Finish, Add	0.83	
08520-0089		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows (08520-0065)		



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08520-0090	4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) <small>(08520-0089)</small>		
	08520-0091	EA Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	773.28	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	37.36	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	13.40	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	40.21	
		08MOD-0333 For Clear Anodized Finish, Add	33.51	
		08MOD-0334 For Color Anodized Finish, Add	46.92	
	08520-0092	EA >12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	890.10	71.49
		08MOD-0120 For Installation In Concrete Or Masonry, Add	43.10	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	15.42	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	46.26	
		08MOD-0333 For Clear Anodized Finish, Add	38.55	
		08MOD-0334 For Color Anodized Finish, Add	53.97	
	08520-0093	EA >18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	961.29	75.35
		08MOD-0120 For Installation In Concrete Or Masonry, Add	46.01	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	16.71	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	50.14	
		08MOD-0333 For Clear Anodized Finish, Add	41.79	
		08MOD-0334 For Color Anodized Finish, Add	58.50	
	08520-0094	EA >24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,159.64	85.01
		08MOD-0120 For Installation In Concrete Or Masonry, Add	53.79	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	20.36	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	61.08	
		08MOD-0333 For Clear Anodized Finish, Add	50.90	
		08MOD-0334 For Color Anodized Finish, Add	71.26	
	08520-0095	EA >40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,338.43	96.61
		08MOD-0120 For Installation In Concrete Or Masonry, Add	61.64	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	23.55	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	70.65	
		08MOD-0333 For Clear Anodized Finish, Add	58.87	
		08MOD-0334 For Color Anodized Finish, Add	82.42	
	08520-0096	SF >60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	23.48	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.26	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.39	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	1.18	
		08MOD-0333 For Clear Anodized Finish, Add	0.98	
		08MOD-0334 For Color Anodized Finish, Add	1.37	
	08520-0097	Fixed Aluminum Windows <small>(08520-0001)</small>		
	08520-0098	2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) <small>(08520-0097)</small>		
	08520-0099	EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	231.33	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	23.82	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	2.57	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	7.70	
		08MOD-0333 For Clear Anodized Finish, Add	6.41	
		08MOD-0334 For Color Anodized Finish, Add	8.98	
	08520-0100	EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	261.75	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	25.70	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.05	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	9.14	
		08MOD-0333 For Clear Anodized Finish, Add	7.61	
		08MOD-0334 For Color Anodized Finish, Add	10.66	
	08520-0101	EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	276.60	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	27.20	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.21	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	9.64	
		08MOD-0333 For Clear Anodized Finish, Add	8.03	
		08MOD-0334 For Color Anodized Finish, Add	11.25	
	08520-0102	EA >15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	291.43	73.42
		08MOD-0120 For Installation In Concrete Or Masonry, Add	28.70	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.38	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	10.14	
		08MOD-0333 For Clear Anodized Finish, Add	8.45	
		08MOD-0334 For Color Anodized Finish, Add	11.83	
	08520-0103	EA >20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	375.79	77.29
		08MOD-0120 For Installation In Concrete Or Masonry, Add	31.93	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.94	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	14.82	
		08MOD-0333 For Clear Anodized Finish, Add	12.35	
		08MOD-0334 For Color Anodized Finish, Add	17.29	
	08520-0104	SF >30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	12.10	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	0.98	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.16	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	0.49	
		08MOD-0333 For Clear Anodized Finish, Add	0.41	
		08MOD-0334 For Color Anodized Finish, Add	0.58	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08520-0105		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) (08520-0097)		
08520-0106	EA	>6 To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	284.09	61.83
	08MOD-0120	For Installation In Concrete Or Masonry, Add	25.13	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	3.62	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	10.86	
	08MOD-0333	For Clear Anodized Finish, Add	9.05	
	08MOD-0334	For Color Anodized Finish, Add	12.67	
08520-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	322.90	65.69
	08MOD-0120	For Installation In Concrete Or Masonry, Add	27.23	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	4.27	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	12.81	
	08MOD-0333	For Clear Anodized Finish, Add	10.67	
	08MOD-0334	For Color Anodized Finish, Add	14.94	
08520-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	347.34	69.55
	08MOD-0120	For Installation In Concrete Or Masonry, Add	28.97	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	4.63	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	13.88	
	08MOD-0333	For Clear Anodized Finish, Add	11.57	
	08MOD-0334	For Color Anodized Finish, Add	16.20	
08520-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	372.96	73.42
	08MOD-0120	For Installation In Concrete Or Masonry, Add	30.74	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	5.01	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	15.04	
	08MOD-0333	For Clear Anodized Finish, Add	12.53	
	08MOD-0334	For Color Anodized Finish, Add	17.54	
08520-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	482.50	77.29
	08MOD-0120	For Installation In Concrete Or Masonry, Add	34.60	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	7.07	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	21.22	
	08MOD-0333	For Clear Anodized Finish, Add	17.69	
	08MOD-0334	For Color Anodized Finish, Add	24.76	
08520-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	15.65	2.32
	08MOD-0120	For Installation In Concrete Or Masonry, Add	1.07	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	0.24	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	0.71	
	08MOD-0333	For Clear Anodized Finish, Add	0.59	
	08MOD-0334	For Color Anodized Finish, Add	0.83	
08520-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900) (08520-0097)		
08520-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	248.12	61.83
	08MOD-0120	For Installation In Concrete Or Masonry, Add	24.24	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	2.90	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	8.70	
	08MOD-0333	For Clear Anodized Finish, Add	7.25	
	08MOD-0334	For Color Anodized Finish, Add	10.16	
08520-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	286.93	65.69
	08MOD-0120	For Installation In Concrete Or Masonry, Add	26.33	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	3.55	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	10.65	
	08MOD-0333	For Clear Anodized Finish, Add	8.87	
	08MOD-0334	For Color Anodized Finish, Add	12.42	
08520-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	308.97	69.55
	08MOD-0120	For Installation In Concrete Or Masonry, Add	28.01	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	3.86	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	11.58	
	08MOD-0333	For Clear Anodized Finish, Add	9.65	
	08MOD-0334	For Color Anodized Finish, Add	13.51	
08520-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	332.19	73.42
	08MOD-0120	For Installation In Concrete Or Masonry, Add	29.72	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	4.20	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	12.59	
	08MOD-0333	For Clear Anodized Finish, Add	10.49	
	08MOD-0334	For Color Anodized Finish, Add	14.69	
08520-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	435.74	77.29
	08MOD-0120	For Installation In Concrete Or Masonry, Add	33.43	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	6.14	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	18.42	
	08MOD-0333	For Clear Anodized Finish, Add	15.35	
	08MOD-0334	For Color Anodized Finish, Add	21.49	
08520-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	14.09	2.32
	08MOD-0120	For Installation In Concrete Or Masonry, Add	1.03	
	08MOD-0331	For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
	08MOD-0332	For 70% Fluoropolymer Finish (Durandar), Add	0.61	
	08MOD-0333	For Clear Anodized Finish, Add	0.51	
	08MOD-0334	For Color Anodized Finish, Add	0.72	
08520-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) (08520-0097)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0120 EA Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	246.92	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	24.21	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	2.88	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	8.63	
08MOD-0333 For Clear Anodized Finish, Add	7.19	
08MOD-0334 For Color Anodized Finish, Add	10.07	
08520-0121 EA >6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	282.14	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	26.21	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.45	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	10.36	
08MOD-0333 For Clear Anodized Finish, Add	8.63	
08MOD-0334 For Color Anodized Finish, Add	12.09	
08520-0122 EA >10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	304.17	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	27.89	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.76	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	11.29	
08MOD-0333 For Clear Anodized Finish, Add	9.41	
08MOD-0334 For Color Anodized Finish, Add	13.18	
08520-0123 EA >15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	327.40	73.42
08MOD-0120 For Installation In Concrete Or Masonry, Add	29.60	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.10	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	12.30	
08MOD-0333 For Clear Anodized Finish, Add	10.25	
08MOD-0334 For Color Anodized Finish, Add	14.35	
08520-0124 EA >20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	430.95	77.29
08MOD-0120 For Installation In Concrete Or Masonry, Add	33.31	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.04	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	18.13	
08MOD-0333 For Clear Anodized Finish, Add	15.11	
08MOD-0334 For Color Anodized Finish, Add	21.15	
08520-0125 SF >30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	13.93	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.02	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	0.60	
08MOD-0333 For Clear Anodized Finish, Add	0.50	
08MOD-0334 For Color Anodized Finish, Add	0.70	
08520-0126 Projected Aluminum Windows (08520-0001)		
08520-0127 Single Vent, Projected Aluminum Windows (08520-0126)		
08520-0128 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) (08520-0127)		
08520-0129 EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	321.50	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	26.07	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.37	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	13.11	
08MOD-0333 For Clear Anodized Finish, Add	10.92	
08MOD-0334 For Color Anodized Finish, Add	15.29	
08520-0130 EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	347.96	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	27.86	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	4.77	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	14.31	
08MOD-0333 For Clear Anodized Finish, Add	11.92	
08MOD-0334 For Color Anodized Finish, Add	16.69	
08520-0131 EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	378.51	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	29.75	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.25	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	15.75	
08MOD-0333 For Clear Anodized Finish, Add	13.13	
08MOD-0334 For Color Anodized Finish, Add	18.38	
08520-0132 SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	21.37	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.21	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.35	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	1.05	
08MOD-0333 For Clear Anodized Finish, Add	0.88	
08MOD-0334 For Color Anodized Finish, Add	1.23	
08520-0133 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) (08520-0127)		
08520-0134 EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	427.50	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	28.72	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.49	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	19.47	
08MOD-0333 For Clear Anodized Finish, Add	16.22	
08MOD-0334 For Color Anodized Finish, Add	22.71	
08520-0135 EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	471.47	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	30.95	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.24	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	21.72	
08MOD-0333 For Clear Anodized Finish, Add	18.10	
08MOD-0334 For Color Anodized Finish, Add	25.34	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)		522.39	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add		33.35	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		8.13	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		24.39	
		08MOD-0333 For Clear Anodized Finish, Add		20.32	
		08MOD-0334 For Color Anodized Finish, Add		28.45	
08520-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)		30.96	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add		1.45	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		0.54	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		1.63	
		08MOD-0333 For Clear Anodized Finish, Add		1.36	
		08MOD-0334 For Color Anodized Finish, Add		1.90	
08520-0138		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) <small>(08520-0127)</small>			
08520-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)		467.26	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add		29.71	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		7.28	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		21.85	
		08MOD-0333 For Clear Anodized Finish, Add		18.21	
		08MOD-0334 For Color Anodized Finish, Add		25.50	
08520-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)		517.78	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add		32.10	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		8.17	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		24.50	
		08MOD-0333 For Clear Anodized Finish, Add		20.42	
		08MOD-0334 For Color Anodized Finish, Add		28.58	
08520-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)		576.35	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add		34.70	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		9.21	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		27.63	
		08MOD-0333 For Clear Anodized Finish, Add		23.02	
		08MOD-0334 For Color Anodized Finish, Add		32.23	
08520-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)		34.55	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add		1.54	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		0.61	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		1.84	
		08MOD-0333 For Clear Anodized Finish, Add		1.53	
		08MOD-0334 For Color Anodized Finish, Add		2.15	
08520-0143		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) <small>(08520-0127)</small>			
08520-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)		494.65	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add		30.40	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		7.83	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		23.50	
		08MOD-0333 For Clear Anodized Finish, Add		19.58	
		08MOD-0334 For Color Anodized Finish, Add		27.41	
08520-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)		549.68	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add		32.90	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		8.80	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		26.41	
		08MOD-0333 For Clear Anodized Finish, Add		22.01	
		08MOD-0334 For Color Anodized Finish, Add		30.81	
08520-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)		613.51	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add		35.63	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		9.95	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		29.85	
		08MOD-0333 For Clear Anodized Finish, Add		24.88	
		08MOD-0334 For Color Anodized Finish, Add		34.83	
08520-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)		37.04	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add		1.60	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add		0.66	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add		1.99	
		08MOD-0333 For Clear Anodized Finish, Add		1.66	
		08MOD-0334 For Color Anodized Finish, Add		2.32	
08520-0148		4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) <small>(08520-0127)</small>			



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0149	EA Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	491.11	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	30.31	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.76	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	23.28	
	08MOD-0333 For Clear Anodized Finish, Add	19.40	
	08MOD-0334 For Color Anodized Finish, Add	27.16	
08520-0150	EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	545.57	65.69
	08MOD-0120 For Installation In Concrete Or Masonry, Add	32.80	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.72	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	26.17	
	08MOD-0333 For Clear Anodized Finish, Add	21.80	
	08MOD-0334 For Color Anodized Finish, Add	30.53	
08520-0151	EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	608.72	69.55
	08MOD-0120 For Installation In Concrete Or Masonry, Add	35.51	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.86	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	29.57	
	08MOD-0333 For Clear Anodized Finish, Add	24.64	
	08MOD-0334 For Color Anodized Finish, Add	34.50	
08520-0152	SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750).....	36.71	2.32
	08MOD-0120 For Installation In Concrete Or Masonry, Add	1.59	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.66	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	1.97	
	08MOD-0333 For Clear Anodized Finish, Add	1.64	
	08MOD-0334 For Color Anodized Finish, Add	2.30	
08520-0153	Fixed Over Vent, Projected Aluminum Windows <small>(08520-0126)</small>		
08520-0154	2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) <small>(08520-0153)</small>		
08520-0155	EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	437.23	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	28.96	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.68	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	20.05	
	08MOD-0333 For Clear Anodized Finish, Add	16.71	
	08MOD-0334 For Color Anodized Finish, Add	23.39	
08520-0156	EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	482.79	65.69
	08MOD-0120 For Installation In Concrete Or Masonry, Add	31.23	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.47	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	22.40	
	08MOD-0333 For Clear Anodized Finish, Add	18.67	
	08MOD-0334 For Color Anodized Finish, Add	26.13	
08520-0157	EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	535.58	69.55
	08MOD-0120 For Installation In Concrete Or Masonry, Add	33.68	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.39	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	25.18	
	08MOD-0333 For Clear Anodized Finish, Add	20.98	
	08MOD-0334 For Color Anodized Finish, Add	29.38	
08520-0158	SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250).....	31.80	2.32
	08MOD-0120 For Installation In Concrete Or Masonry, Add	1.47	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.56	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	1.68	
	08MOD-0333 For Clear Anodized Finish, Add	1.40	
	08MOD-0334 For Color Anodized Finish, Add	1.96	
08520-0159	2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) <small>(08520-0153)</small>		
08520-0160	EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	605.07	61.83
	08MOD-0120 For Installation In Concrete Or Masonry, Add	33.16	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.04	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	30.12	
	08MOD-0333 For Clear Anodized Finish, Add	25.10	
	08MOD-0334 For Color Anodized Finish, Add	35.14	
08520-0161	EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	678.33	65.69
	08MOD-0120 For Installation In Concrete Or Masonry, Add	36.12	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	11.38	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	34.13	
	08MOD-0333 For Clear Anodized Finish, Add	28.44	
	08MOD-0334 For Color Anodized Finish, Add	39.82	
08520-0162	EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500).....	763.39	69.55
	08MOD-0120 For Installation In Concrete Or Masonry, Add	39.37	
	08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	12.95	
	08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	38.85	
	08MOD-0333 For Clear Anodized Finish, Add	32.37	
	08MOD-0334 For Color Anodized Finish, Add	45.32	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	47.02	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.85	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.86	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	2.59	
		08MOD-0333 For Clear Anodized Finish, Add	2.16	
		08MOD-0334 For Color Anodized Finish, Add	3.02	
08520-0164		3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) (08520-0153)		
08520-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	640.41	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	34.04	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.75	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	32.24	
		08MOD-0333 For Clear Anodized Finish, Add	26.87	
		08MOD-0334 For Color Anodized Finish, Add	37.62	
08520-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	719.50	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	37.15	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	12.20	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	36.60	
		08MOD-0333 For Clear Anodized Finish, Add	30.50	
		08MOD-0334 For Color Anodized Finish, Add	42.70	
08520-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	811.35	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	40.57	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	13.91	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	41.73	
		08MOD-0333 For Clear Anodized Finish, Add	34.77	
		08MOD-0334 For Color Anodized Finish, Add	48.68	
08520-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	50.14	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.93	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.93	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	2.78	
		08MOD-0333 For Clear Anodized Finish, Add	2.31	
		08MOD-0334 For Color Anodized Finish, Add	3.24	
08520-0169		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) (08520-0153)		
08520-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	636.88	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	33.95	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.68	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	32.03	
		08MOD-0333 For Clear Anodized Finish, Add	26.69	
		08MOD-0334 For Color Anodized Finish, Add	37.37	
08520-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	715.38	65.69
		08MOD-0120 For Installation In Concrete Or Masonry, Add	37.04	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	12.12	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	36.35	
		08MOD-0333 For Clear Anodized Finish, Add	30.30	
		08MOD-0334 For Color Anodized Finish, Add	42.41	
08520-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	806.55	69.55
		08MOD-0120 For Installation In Concrete Or Masonry, Add	40.45	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	13.81	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	41.44	
		08MOD-0333 For Clear Anodized Finish, Add	34.53	
		08MOD-0334 For Color Anodized Finish, Add	48.34	
08520-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	49.90	2.32
		08MOD-0120 For Installation In Concrete Or Masonry, Add	1.92	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.92	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	2.76	
		08MOD-0333 For Clear Anodized Finish, Add	2.30	
		08MOD-0334 For Color Anodized Finish, Add	3.22	
08520-0174		4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08520-0153)		
08520-0175	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	691.65	61.83
		08MOD-0120 For Installation In Concrete Or Masonry, Add	35.32	
		08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	11.77	
		08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	35.32	
		08MOD-0333 For Clear Anodized Finish, Add	29.43	
		08MOD-0334 For Color Anodized Finish, Add	41.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0176 EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	779.19	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	38.64	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	13.39	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	40.18	
08MOD-0333 For Clear Anodized Finish, Add	33.49	
08MOD-0334 For Color Anodized Finish, Add	46.88	
08520-0177 EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	880.89	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	42.31	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	15.30	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	45.90	
08MOD-0333 For Clear Anodized Finish, Add	38.25	
08MOD-0334 For Color Anodized Finish, Add	53.55	
08520-0178 SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	54.82	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	2.05	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	1.02	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	3.06	
08MOD-0333 For Clear Anodized Finish, Add	2.55	
08MOD-0334 For Color Anodized Finish, Add	3.57	
08520-0179 Casement Aluminum Windows (08520-0001)		
08520-0180 Single Vent, Casement Aluminum Windows (08520-0179)		
08520-0181 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08520-0180)		
08520-0182 EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	364.78	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	27.15	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.23	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	15.70	
08MOD-0333 For Clear Anodized Finish, Add	13.09	
08MOD-0334 For Color Anodized Finish, Add	18.32	
08520-0183 EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	398.39	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	29.12	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	5.78	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	17.33	
08MOD-0333 For Clear Anodized Finish, Add	14.45	
08MOD-0334 For Color Anodized Finish, Add	20.22	
08520-0184 EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	437.26	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	31.22	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.43	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	19.28	
08MOD-0333 For Clear Anodized Finish, Add	16.07	
08MOD-0334 For Color Anodized Finish, Add	22.49	
08520-0185 SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	25.29	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.31	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.43	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	1.29	
08MOD-0333 For Clear Anodized Finish, Add	1.07	
08MOD-0334 For Color Anodized Finish, Add	1.50	
08520-0186 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) (08520-0180)		
08520-0187 EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	525.57	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	31.17	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.45	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	25.35	
08MOD-0333 For Clear Anodized Finish, Add	21.13	
08MOD-0334 For Color Anodized Finish, Add	29.58	
08520-0188 EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	585.70	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	33.80	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.52	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	28.57	
08MOD-0333 For Clear Anodized Finish, Add	23.81	
08MOD-0334 For Color Anodized Finish, Add	33.34	
08520-0189 EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	655.48	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	36.67	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.79	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	32.37	
08MOD-0333 For Clear Anodized Finish, Add	26.98	
08MOD-0334 For Color Anodized Finish, Add	37.77	
08520-0190 SF >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	39.83	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.67	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.72	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	2.16	
08MOD-0333 For Clear Anodized Finish, Add	1.80	
08MOD-0334 For Color Anodized Finish, Add	2.52	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0191			3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) <small>(08520-0180)</small>		
08520-0192	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	528.22	61.83
			08MOD-0120 For Installation In Concrete Or Masonry, Add	31.24	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	8.50	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	25.51	
			08MOD-0333 For Clear Anodized Finish, Add	21.26	
			08MOD-0334 For Color Anodized Finish, Add	29.76	
08520-0193	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	588.79	65.69
			08MOD-0120 For Installation In Concrete Or Masonry, Add	33.88	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.59	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	28.76	
			08MOD-0333 For Clear Anodized Finish, Add	23.97	
			08MOD-0334 For Color Anodized Finish, Add	33.55	
08520-0194	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	659.08	69.55
			08MOD-0120 For Installation In Concrete Or Masonry, Add	36.76	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.86	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	32.59	
			08MOD-0333 For Clear Anodized Finish, Add	27.16	
			08MOD-0334 For Color Anodized Finish, Add	38.02	
08520-0195	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	40.07	2.32
			08MOD-0120 For Installation In Concrete Or Masonry, Add	1.68	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.72	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	2.17	
			08MOD-0333 For Clear Anodized Finish, Add	1.81	
			08MOD-0334 For Color Anodized Finish, Add	2.53	
08520-0196			4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) <small>(08520-0180)</small>		
08520-0197	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	555.50	61.83
			08MOD-0120 For Installation In Concrete Or Masonry, Add	31.92	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.05	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	27.15	
			08MOD-0333 For Clear Anodized Finish, Add	22.63	
			08MOD-0334 For Color Anodized Finish, Add	31.68	
08520-0198	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	620.70	65.69
			08MOD-0120 For Installation In Concrete Or Masonry, Add	34.68	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.22	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	30.67	
			08MOD-0333 For Clear Anodized Finish, Add	25.56	
			08MOD-0334 For Color Anodized Finish, Add	35.79	
08520-0199	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	696.25	69.55
			08MOD-0120 For Installation In Concrete Or Masonry, Add	37.69	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	11.61	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	34.82	
			08MOD-0333 For Clear Anodized Finish, Add	29.02	
			08MOD-0334 For Color Anodized Finish, Add	40.62	
08520-0200	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	42.55	2.32
			08MOD-0120 For Installation In Concrete Or Masonry, Add	1.74	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.77	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	2.32	
			08MOD-0333 For Clear Anodized Finish, Add	1.93	
			08MOD-0334 For Color Anodized Finish, Add	2.71	
08520-0201			Fixed Over Vent, Casement Aluminum Windows <small>(08520-0179)</small>		
08520-0202			2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) <small>(08520-0201)</small>		
08520-0203	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	413.37	61.83
			08MOD-0120 For Installation In Concrete Or Masonry, Add	28.37	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.21	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	18.62	
			08MOD-0333 For Clear Anodized Finish, Add	15.52	
			08MOD-0334 For Color Anodized Finish, Add	21.72	
08520-0204	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	455.00	65.69
			08MOD-0120 For Installation In Concrete Or Masonry, Add	30.53	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	6.91	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	20.73	
			08MOD-0333 For Clear Anodized Finish, Add	17.28	
			08MOD-0334 For Color Anodized Finish, Add	24.19	
08520-0205	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	503.21	69.55
			08MOD-0120 For Installation In Concrete Or Masonry, Add	32.87	
			08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	7.75	
			08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	23.24	
			08MOD-0333 For Clear Anodized Finish, Add	19.36	
			08MOD-0334 For Color Anodized Finish, Add	27.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0206 SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220).....	29.67	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.42	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.52	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	1.55	
08MOD-0333 For Clear Anodized Finish, Add	1.29	
08MOD-0334 For Color Anodized Finish, Add	1.81	
08520-0207 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) (08520-0201)		
08520-0208 EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	574.15	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	32.39	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	9.42	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	28.27	
08MOD-0333 For Clear Anodized Finish, Add	23.56	
08MOD-0334 For Color Anodized Finish, Add	32.98	
08520-0209 EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	642.30	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	35.22	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.66	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	31.97	
08MOD-0333 For Clear Anodized Finish, Add	26.64	
08MOD-0334 For Color Anodized Finish, Add	37.30	
08520-0210 EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	721.43	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	38.32	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	12.11	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	36.33	
08MOD-0333 For Clear Anodized Finish, Add	30.28	
08MOD-0334 For Color Anodized Finish, Add	42.39	
08520-0211 SF >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	44.23	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.78	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.81	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	2.42	
08MOD-0333 For Clear Anodized Finish, Add	2.02	
08MOD-0334 For Color Anodized Finish, Add	2.83	
08520-0212 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) (08520-0201)		
08520-0213 EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	633.35	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	33.87	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	10.61	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	31.82	
08MOD-0333 For Clear Anodized Finish, Add	26.52	
08MOD-0334 For Color Anodized Finish, Add	37.12	
08520-0214 EA >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	711.27	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	36.94	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	12.04	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	36.11	
08MOD-0333 For Clear Anodized Finish, Add	30.09	
08MOD-0334 For Color Anodized Finish, Add	42.13	
08520-0215 EA >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	801.76	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	40.33	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	13.72	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	41.15	
08MOD-0333 For Clear Anodized Finish, Add	34.29	
08MOD-0334 For Color Anodized Finish, Add	48.01	
08520-0216 SF >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	49.58	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	1.92	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.91	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	2.74	
08MOD-0333 For Clear Anodized Finish, Add	2.29	
08MOD-0334 For Color Anodized Finish, Add	3.20	
08520-0217 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) (08520-0201)		
08520-0218 EA Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	687.23	61.83
08MOD-0120 For Installation In Concrete Or Masonry, Add	35.21	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	11.68	
08MOD-0332 For 70% Fluoropolymer Finish (Duranar), Add	35.05	
08MOD-0333 For Clear Anodized Finish, Add	29.21	
08MOD-0334 For Color Anodized Finish, Add	40.89	

08000 Doors And Windows**08500 Windows****08520 Aluminum Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0219 EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	774.05	65.69
08MOD-0120 For Installation In Concrete Or Masonry, Add	38.51	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	13.29	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	39.87	
08MOD-0333 For Clear Anodized Finish, Add	33.23	
08MOD-0334 For Color Anodized Finish, Add	46.52	
08520-0220 EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	874.90	69.55
08MOD-0120 For Installation In Concrete Or Masonry, Add	42.16	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	15.18	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	45.54	
08MOD-0333 For Clear Anodized Finish, Add	37.95	
08MOD-0334 For Color Anodized Finish, Add	53.13	
08520-0221 SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	54.46	2.32
08MOD-0120 For Installation In Concrete Or Masonry, Add	2.04	
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	1.01	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	3.04	
08MOD-0333 For Clear Anodized Finish, Add	2.53	
08MOD-0334 For Color Anodized Finish, Add	3.54	
08520-0222 Aluminum Window Accessories (08520)		
08520-0223 Aluminum Window Mullions (08520-0222)		
08520-0224 LF Integral Mullions For Aluminum Windows	12.99	2.89
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.15	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	0.46	
08MOD-0333 For Clear Anodized Finish, Add	0.38	
08MOD-0334 For Color Anodized Finish, Add	0.53	
08520-0225 Aluminum Window Insect Screens (08520-0222)		
Note: Includes aluminum frames.		
08520-0226 SF <10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	4.34	0.97
08520-0227 SF >10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	2.99	0.78
08520-0228 SF Repair Screen Window	3.33	
08520-0229 Aluminum Window Panning (08520-0222)		
Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.		
08520-0230 EA Up To 6 SF Window, Aluminum Window Panning	131.49	24.61
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	1.81	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	5.43	
08MOD-0333 For Clear Anodized Finish, Add	4.52	
08MOD-0334 For Color Anodized Finish, Add	6.33	
08520-0231 EA >6 To 10 SF Window, Aluminum Window Panning	184.99	41.02
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	2.33	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	7.00	
08MOD-0333 For Clear Anodized Finish, Add	5.83	
08MOD-0334 For Color Anodized Finish, Add	8.16	
08520-0232 EA >10 To 15 SF Window, Aluminum Window Panning	230.08	61.52
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	2.55	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	7.65	
08MOD-0333 For Clear Anodized Finish, Add	6.38	
08MOD-0334 For Color Anodized Finish, Add	8.93	
08520-0233 EA >15 To 20 SF Window, Aluminum Window Panning	277.34	82.04
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	2.81	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	8.44	
08MOD-0333 For Clear Anodized Finish, Add	7.03	
08MOD-0334 For Color Anodized Finish, Add	9.84	
08520-0234 EA >20 To 30 SF Window, Aluminum Window Panning	370.77	123.06
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	3.31	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	9.94	
08MOD-0333 For Clear Anodized Finish, Add	8.28	
08MOD-0334 For Color Anodized Finish, Add	11.60	
08520-0235 SF >30 SF Window, Aluminum Window Panning	13.73	5.13
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.10	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	0.31	
08MOD-0333 For Clear Anodized Finish, Add	0.26	
08MOD-0334 For Color Anodized Finish, Add	0.36	
08520-0236 Aluminum Window Muntins, Grilles Or Dividers (08520-0222)		
08520-0237 SF Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	4.35	2.89
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.01	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	0.03	
08MOD-0333 For Clear Anodized Finish, Add	0.02	
08MOD-0334 For Color Anodized Finish, Add	0.03	
08520-0238 SF Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	5.77	2.89
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.04	
08MOD-0332 For 70% Fluoropolymer Finish (Durandar), Add	0.11	
08MOD-0333 For Clear Anodized Finish, Add	0.10	
08MOD-0334 For Color Anodized Finish, Add	0.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08520-0239 SF Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	12.38	2.89
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.05	
08MOD-0332 For 70% Fluoropolymer Finish (Duramar), Add	0.16	
08MOD-0333 For Clear Anodized Finish, Add	0.14	
08MOD-0334 For Color Anodized Finish, Add	0.19	
08520-0240 SF True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	14.77	2.89
08MOD-0331 For 50% Fluoropolymer Finish (Acrynar), Add	0.08	
08MOD-0332 For 70% Fluoropolymer Finish (Duramar), Add	0.23	
08MOD-0333 For Clear Anodized Finish, Add	0.19	
08MOD-0334 For Color Anodized Finish, Add	0.27	
08520-0241 Other Aluminum Window Accessories (08520-0222)		
08520-0242 EA Roto Operator For Casement Aluminum Windows	98.98	12.87
08520-0243 EA Head And Sill Automatic Locks For Hung Aluminum Windows.....	51.02	12.87

08530 Stainless Steel Windows (08500)

See CSI section 08800-0000 for glazing.

08530-0001 Stainless Steel Windows Types (08530)

08530-0002 SF Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	58.21	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	24.26	
08MOD-0122 For Non Stock Custom Sizes, Add	5.18	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.58	
08530-0003 SF Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	51.51	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	21.25	
08MOD-0122 For Non Stock Custom Sizes, Add	4.51	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.41	
08530-0004 SF Stainless Steel Window Casements, Fixed Sash, Factory Primed	36.95	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	14.70	
08MOD-0122 For Non Stock Custom Sizes, Add	3.05	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.05	
08530-0005 SF Stainless Steel Window, Fixed Sash	41.17	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	16.59	
08MOD-0122 For Non Stock Custom Sizes, Add	3.47	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.16	
08530-0006 SF Stainless Steel Window With Horizontal Pivot Sash	71.25	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	30.13	
08MOD-0122 For Non Stock Custom Sizes, Add	6.48	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.91	
08530-0007 SF Commercial Projected Sash Window - 40% Vented Stainless Steel	74.66	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	31.67	
08MOD-0122 For Non Stock Custom Sizes, Add	6.82	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.99	
08530-0008 SF Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	82.75	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	35.31	
08MOD-0122 For Non Stock Custom Sizes, Add	7.63	
08MOD-0123 For Installation In Concrete Or Masonry, Add	3.20	
08530-0009 SF Double Hung Stainless Steel Window Sash	90.82	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	38.94	
08MOD-0122 For Non Stock Custom Sizes, Add	8.44	
08MOD-0123 For Installation In Concrete Or Masonry, Add	3.40	
08530-0010 SF Single Hung Stainless Steel Window Sash.....	63.34	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	26.57	
08MOD-0122 For Non Stock Custom Sizes, Add	5.69	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.71	
08530-0011 SF Stainless Steel Picture Window Sash	52.42	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	21.66	
08MOD-0122 For Non Stock Custom Sizes, Add	4.60	
08MOD-0123 For Installation In Concrete Or Masonry, Add	2.44	
08530-0012 SF Sliding Stainless Steel Window.....	93.78	3.86
08MOD-0121 For Heavy Commercial Grade (HC-40), Add	40.27	
08MOD-0122 For Non Stock Custom Sizes, Add	8.73	
08MOD-0123 For Installation In Concrete Or Masonry, Add	3.47	

08550 Wood Windows (08500)

08550-0001 Plastic-Clad Wood Windows (08550)

08550-0002 Double Hung Wood Clad Windows (08550-0001)

08550-0003 Double Hung Wood Clad Windows (Andersen 200 TW Series) (08550-0002)

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08550-0004 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)

08550-0005 EA 23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	227.41	29.62
08MOD-0336 For Low-E Insulated Glass, Add	20.18	
08MOD-0337 For Tempered Clear Insulated Glass, Add	33.63	
08550-0006 EA 27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	240.90	30.92
08MOD-0336 For Low-E Insulated Glass, Add	21.49	
08MOD-0337 For Tempered Clear Insulated Glass, Add	35.81	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0007	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	253.47	32.21
	08MOD-0336	For Low-E Insulated Glass, Add	22.69	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	37.81	
08550-0008	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	266.05	33.49
	08MOD-0336	For Low-E Insulated Glass, Add	23.89	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	39.81	
08550-0009		41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)		
	(08550-0003)			
08550-0010	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	246.73	31.56
	08MOD-0336	For Low-E Insulated Glass, Add	22.03	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	36.72	
08550-0011	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	260.22	32.84
	08MOD-0336	For Low-E Insulated Glass, Add	23.34	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	38.91	
08550-0012	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	272.78	34.13
	08MOD-0336	For Low-E Insulated Glass, Add	24.54	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	40.90	
08550-0013	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	285.37	35.42
	08MOD-0336	For Low-E Insulated Glass, Add	25.74	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	42.90	
08550-0014		47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)		
	(08550-0003)			
08550-0015	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	266.05	33.49
	08MOD-0336	For Low-E Insulated Glass, Add	23.89	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	39.81	
08550-0016	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	278.62	34.78
	08MOD-0336	For Low-E Insulated Glass, Add	25.09	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	41.81	
08550-0017	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	292.12	36.07
	08MOD-0336	For Low-E Insulated Glass, Add	26.40	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.00	
08550-0018	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	304.69	37.36
	08MOD-0336	For Low-E Insulated Glass, Add	27.60	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	46.00	
08550-0019		53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)		
	(08550-0003)			
08550-0020	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	285.37	35.42
	08MOD-0336	For Low-E Insulated Glass, Add	25.74	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	42.90	
08550-0021	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	297.94	36.71
	08MOD-0336	For Low-E Insulated Glass, Add	26.94	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.90	
08550-0022	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	310.52	37.99
	08MOD-0336	For Low-E Insulated Glass, Add	28.14	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	46.90	
08550-0023	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	324.00	39.28
	08MOD-0336	For Low-E Insulated Glass, Add	29.45	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	49.09	
08550-0024		56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)		
	(08550-0003)			
08550-0025	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	282.00	35.42
	08MOD-0336	For Low-E Insulated Glass, Add	25.42	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	42.36	
08550-0026	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	294.57	36.39
	08MOD-0336	For Low-E Insulated Glass, Add	26.62	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.36	
08550-0027	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	308.05	37.99
	08MOD-0336	For Low-E Insulated Glass, Add	27.92	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	46.54	
08550-0028	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	320.62	39.28
	08MOD-0336	For Low-E Insulated Glass, Add	29.12	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	48.54	
08550-0029	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	333.21	40.58
	08MOD-0336	For Low-E Insulated Glass, Add	30.32	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	50.54	
08550-0030	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	345.78	41.87
	08MOD-0336	For Low-E Insulated Glass, Add	31.52	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	52.54	
08550-0031		59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)		
	(08550-0003)			
08550-0032	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	292.12	36.07
	08MOD-0336	For Low-E Insulated Glass, Add	26.40	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.00	
08550-0033	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	304.69	37.36
	08MOD-0336	For Low-E Insulated Glass, Add	27.60	
	08MOD-0337	For Tempered Clear Insulated Glass, Add	46.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0034	EA 27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	317.27	38.64
	08MOD-0336 For Low-E Insulated Glass, Add	28.80	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	48.00	
08550-0035	EA 31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	329.84	39.93
	08MOD-0336 For Low-E Insulated Glass, Add	30.00	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	50.00	
08550-0036	EA 35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	342.41	41.22
	08MOD-0336 For Low-E Insulated Glass, Add	31.20	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	51.99	
08550-0037	EA 39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	355.89	42.51
	08MOD-0336 For Low-E Insulated Glass, Add	32.51	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	54.18	
08550-0038	65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08550-0003)</small>		
08550-0039	EA 23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	324.00	39.28
	08MOD-0336 For Low-E Insulated Glass, Add	29.45	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	49.09	
08550-0040	EA 27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	336.58	40.58
	08MOD-0336 For Low-E Insulated Glass, Add	30.65	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	51.09	
08550-0041	EA 31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	349.15	41.87
	08MOD-0336 For Low-E Insulated Glass, Add	31.85	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	53.09	
08550-0042	EA 35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	361.73	43.15
	08MOD-0336 For Low-E Insulated Glass, Add	33.05	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	55.09	
08550-0043	71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08550-0003)</small>		
08550-0044	EA 23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	342.41	41.22
	08MOD-0336 For Low-E Insulated Glass, Add	31.20	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	51.99	
08550-0045	EA 27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	355.89	42.51
	08MOD-0336 For Low-E Insulated Glass, Add	32.51	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	54.18	
08550-0046	EA 31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	368.46	43.79
	08MOD-0336 For Low-E Insulated Glass, Add	33.71	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	56.18	
08550-0047	EA 35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	381.05	45.08
	08MOD-0336 For Low-E Insulated Glass, Add	34.91	
	08MOD-0337 For Tempered Clear Insulated Glass, Add	58.18	
08550-0048	Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0002)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08550-0049	36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0048)</small>		
08550-0050	EA 21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	281.30	29.62
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	44.54	
08550-0051	EA 25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	298.44	30.59
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	47.45	
08550-0052	EA 29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	316.46	31.88
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	50.54	
08550-0053	EA 31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	325.93	32.84
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	52.18	
08550-0054	EA 33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	334.50	33.49
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	53.63	
08550-0055	EA 35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	343.05	34.13
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	55.09	
08550-0056	EA 37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	352.52	34.45
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	56.72	
08550-0057	EA 41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	369.64	35.75
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	59.63	
08550-0058	EA 45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.04
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	62.72	
08550-0059	40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0048)</small>		
08550-0060	EA 21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	298.44	30.92
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	47.45	
08550-0061	EA 25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	316.46	31.88
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	50.54	
08550-0062	EA 29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	334.50	33.16
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	53.63	
08550-0063	EA 31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	343.05	34.13
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	55.09	
08550-0064	EA 33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	352.52	34.78
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	56.72	
08550-0065	EA 35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	361.08	35.42
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	58.18	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0066	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	369.64	35.75
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.63	
08550-0067	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.04
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	62.72	
08550-0068	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.32
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.81	
08550-0069		44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
	(08550-0048)			
08550-0070	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	316.46	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	50.54	
08550-0071	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	334.50	33.16
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	53.63	
08550-0072	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	352.52	34.45
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	56.72	
08550-0073	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	361.08	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	58.18	
08550-0074	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	369.64	36.07
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.63	
08550-0075	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	379.10	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	61.27	
08550-0076	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.04
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	62.72	
08550-0077	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.32
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.81	
08550-0078	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.61
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	68.90	
08550-0079		48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
	(08550-0048)			
08550-0080	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	334.50	33.49
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	53.63	
08550-0081	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	352.52	34.45
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	56.72	
08550-0082	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	369.64	35.75
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.63	
08550-0083	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	379.10	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	61.27	
08550-0084	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.36
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	62.72	
08550-0085	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	396.23	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	64.18	
08550-0086	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.32
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.81	
08550-0087	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.61
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	68.90	
08550-0088	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	40.90
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	71.81	
08550-0089		52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
	(08550-0048)			
08550-0090	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	352.52	34.78
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	56.72	
08550-0091	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	369.64	35.75
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.63	
08550-0092	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.04
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	62.72	
08550-0093	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	396.23	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	64.18	
08550-0094	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.64
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.81	
08550-0095	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	414.25	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	67.27	
08550-0096	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.61
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	68.90	
08550-0097	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	40.90
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	71.81	
08550-0098	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.19
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	74.90	
08550-0099		56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
	(08550-0048)			
08550-0100	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	369.64	36.07
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.63	
08550-0101	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.04
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	62.72	
08550-0102	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.32
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.81	
08550-0103	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	414.25	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	67.27	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0104	EA 33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.93
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	68.90	
08550-0105	EA 35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	432.29	40.58
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	70.36	
08550-0106	EA 37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	40.90
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.81	
08550-0107	EA 41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.19
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.90	
08550-0108	EA 45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.91	43.47
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	77.99	
08550-0109	60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0048)</small>		
08550-0110	EA 21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	387.66	37.36
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	62.72	
08550-0111	EA 25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.32
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	65.81	
08550-0112	EA 29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.61
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	68.90	
08550-0113	EA 31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	432.29	40.58
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	70.36	
08550-0114	EA 33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	41.22
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.81	
08550-0115	EA 35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	450.32	41.87
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	73.45	
08550-0116	EA 37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.19
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.90	
08550-0117	EA 41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.91	43.47
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	77.99	
08550-0118	EA 45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.02	44.76
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	80.90	
08550-0119	64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0048)</small>		
08550-0120	EA 21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	405.70	38.64
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	65.81	
08550-0121	EA 25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.61
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	68.90	
08550-0122	EA 29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	40.90
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.81	
08550-0123	EA 31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	450.32	41.87
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	73.45	
08550-0124	EA 33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.51
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.90	
08550-0125	EA 35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	467.44	43.15
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	76.36	
08550-0126	EA 37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.91	43.47
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	77.99	
08550-0127	EA 41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.02	44.76
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	80.90	
08550-0128	EA 45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.06	46.05
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	83.99	
08550-0129	68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0048)</small>		
08550-0130	EA 21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	423.72	39.93
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	68.90	
08550-0131	EA 25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	40.90
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.81	
08550-0132	EA 29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.19
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.90	
08550-0133	EA 31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	467.44	43.15
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	76.36	
08550-0134	EA 33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.91	43.79
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	77.99	
08550-0135	EA 35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	485.46	44.44
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.45	
08550-0136	EA 37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.02	44.76
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	80.90	
08550-0137	EA 41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.06	46.05
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	83.99	
08550-0138	EA 45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	530.08	47.34
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	87.08	
08550-0139	72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08550-0048)</small>		
08550-0140	EA 21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.86	41.22
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.81	
08550-0141	EA 25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.19
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.90	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0142	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.91	43.47
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	77.99	
08550-0143	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	485.46	44.44
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.45	
08550-0144	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.02	45.08
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	80.90	
08550-0145	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	503.50	45.73
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	82.54	
08550-0146	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.06	46.05
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	83.99	
08550-0147	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	530.08	47.34
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	87.08	
08550-0148	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	548.11	48.62
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	90.17	
08550-0149		76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
		<small>(08550-0048)</small>		
08550-0150	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	458.88	42.51
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.90	
08550-0151	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	476.91	43.47
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	77.99	
08550-0152	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.02	44.76
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	80.90	
08550-0153	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	503.50	45.73
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	82.54	
08550-0154	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.06	46.37
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	83.99	
08550-0155	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	521.52	47.02
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	85.63	
08550-0156	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	530.08	47.34
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	87.08	
08550-0157	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	548.11	48.62
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	90.17	
08550-0158	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	565.24	49.91
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	93.08	
08550-0159		84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
		<small>(08550-0048)</small>		
08550-0160	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	710.37	45.08
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	124.17	
08550-0161	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	735.67	46.05
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	128.71	
08550-0162	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	760.97	47.34
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	133.26	
08550-0163	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	773.16	48.30
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	135.44	
08550-0164	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	786.27	48.94
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	137.80	
08550-0165	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	798.46	49.59
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	139.99	
08550-0166	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	810.67	49.91
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	142.17	
08550-0167	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	835.97	51.20
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	146.71	
08550-0168	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	861.27	52.49
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	151.26	
08550-0169		88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)		
		<small>(08550-0048)</small>		
08550-0170	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	735.67	46.37
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	128.71	
08550-0171	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	760.97	47.34
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	133.26	
08550-0172	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	786.27	48.62
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	137.80	
08550-0173	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	798.46	49.59
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	139.99	
08550-0174	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	810.67	50.24
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	142.17	
08550-0175	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	823.78	50.88
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	144.53	
08550-0176	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	835.97	51.20
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	146.71	
08550-0177	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	861.27	52.49
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	151.26	
08550-0178	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	886.57	53.77
		08MOD-0335 For Tempered Low-E Insulated Glass, Add	155.80	
08550-0179		Casement Wood Clad Windows <small>(08550-0001)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0180	Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0179)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08550-0181	One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0180)</small>		
08550-0182	24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0183	EA 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	182.77	24.47
	08MOD-0337 For Tempered Clear Insulated Glass, Add	26.89	
08550-0184	EA 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	193.05	25.12
	08MOD-0337 For Tempered Clear Insulated Glass, Add	28.56	
08550-0185	EA 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	204.66	26.41
	08MOD-0337 For Tempered Clear Insulated Glass, Add	30.37	
08550-0186	EA 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	215.43	27.69
	08MOD-0337 For Tempered Clear Insulated Glass, Add	32.01	
08550-0187	28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0188	EA 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	195.78	25.76
	08MOD-0337 For Tempered Clear Insulated Glass, Add	28.98	
08550-0189	EA 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	206.05	26.41
	08MOD-0337 For Tempered Clear Insulated Glass, Add	30.65	
08550-0190	EA 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	217.67	27.69
	08MOD-0337 For Tempered Clear Insulated Glass, Add	32.46	
08550-0191	EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	223.81	28.98
	08MOD-0337 For Tempered Clear Insulated Glass, Add	33.17	
08550-0192	EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	236.95	30.27
	08MOD-0337 For Tempered Clear Insulated Glass, Add	35.41	
08550-0193	35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0194	EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	219.06	27.69
	08MOD-0337 For Tempered Clear Insulated Glass, Add	32.73	
08550-0195	EA 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	230.02	28.98
	08MOD-0337 For Tempered Clear Insulated Glass, Add	34.54	
08550-0196	EA 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	241.64	29.95
	08MOD-0337 For Tempered Clear Insulated Glass, Add	36.35	
08550-0197	EA 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	259.52	31.24
	08MOD-0337 For Tempered Clear Insulated Glass, Add	39.41	
08550-0198	EA 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	276.36	32.21
	08MOD-0337 For Tempered Clear Insulated Glass, Add	42.39	
08550-0199	EA 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	292.62	32.84
	08MOD-0337 For Tempered Clear Insulated Glass, Add	45.39	
08550-0200	40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0201	EA 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	234.78	29.62
	08MOD-0337 For Tempered Clear Insulated Glass, Add	35.24	
08550-0202	EA 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	245.06	30.27
	08MOD-0337 For Tempered Clear Insulated Glass, Add	36.90	
08550-0203	EA 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	256.67	31.56
	08MOD-0337 For Tempered Clear Insulated Glass, Add	38.71	
08550-0204	EA 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	282.19	32.84
	08MOD-0337 For Tempered Clear Insulated Glass, Add	43.30	
08550-0205	EA 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	299.82	34.13
	08MOD-0337 For Tempered Clear Insulated Glass, Add	46.44	
08550-0206	EA 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	316.59	35.42
	08MOD-0337 For Tempered Clear Insulated Glass, Add	49.28	
08550-0207	48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0208	EA 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	257.32	32.21
	08MOD-0337 For Tempered Clear Insulated Glass, Add	38.71	
08550-0209	EA 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	268.29	32.84
	08MOD-0337 For Tempered Clear Insulated Glass, Add	40.52	
08550-0210	EA 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	279.89	34.13
	08MOD-0337 For Tempered Clear Insulated Glass, Add	42.33	
08550-0211	EA 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	314.81	35.42
	08MOD-0337 For Tempered Clear Insulated Glass, Add	48.79	
08550-0212	EA 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	328.73	36.71
	08MOD-0337 For Tempered Clear Insulated Glass, Add	51.19	
08550-0213	EA 35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	349.55	37.99
	08MOD-0337 For Tempered Clear Insulated Glass, Add	54.84	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0214		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0215	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	272.41	33.49
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	41.21	
08550-0216	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	282.68	34.13
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	42.88	
08550-0217	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	294.30	35.42
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	44.69	
08550-0218	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	337.19	36.71
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	52.75	
08550-0219	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	357.71	37.99
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	56.47	
08550-0220	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	371.59	39.28
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	58.73	
08550-0221		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0222	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	294.30	35.42
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	44.69	
08550-0223	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	305.26	36.71
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	46.50	
08550-0224	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	316.88	37.67
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	48.31	
08550-0225	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	369.50	38.96
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	58.32	
08550-0226	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	384.22	39.93
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	60.87	
08550-0227	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	403.92	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	64.30	
08550-0228		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0229	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	310.03	37.36
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	47.19	
08550-0230	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	320.31	37.99
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	48.86	
08550-0231	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	331.92	39.28
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	50.67	
08550-0232	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	392.20	40.58
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	62.21	
08550-0233	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	405.92	41.87
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	64.57	
08550-0234	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	426.60	43.15
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	68.19	
08550-0235		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0181)</small>		
08550-0236	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	331.92	39.28
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	50.67	
08550-0237	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	342.89	40.58
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	52.48	
08550-0238	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	354.50	41.54
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	54.28	
08550-0239	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	424.52	42.82
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	67.77	
08550-0240	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	441.22	43.79
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	70.73	
08550-0241	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	458.92	45.08
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	73.75	
08550-0242		Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0180)</small>		
08550-0243		24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0244	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	320.59	31.56
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	51.50	
08550-0245	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	363.38	34.13
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	59.02	
08550-0246	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	412.74	36.71
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	67.86	
08550-0247		28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0248	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	345.23	32.84
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	55.91	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0249	EA 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	388.03 63.44	35.42
08550-0250	EA 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	437.38 72.28	37.99
08550-0251	35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0252	EA 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	342.27 55.32	32.84
08550-0253	EA 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	385.71 63.10	35.42
08550-0254	EA 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	431.18 71.17	37.99
08550-0255	EA 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	483.62 80.62	40.25
08550-0256	EA 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	518.85 86.90	42.19
08550-0257	EA 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	577.40 97.45	45.08
08550-0258	40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0259	EA 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	372.60 60.74	34.45
08550-0260	EA 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	416.05 68.53	36.71
08550-0261	EA 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	461.52 76.59	39.28
08550-0262	EA 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	513.94 86.04	41.87
08550-0263	EA 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	552.86 93.06	43.79
08550-0264	EA 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	714.09 124.14	46.70
08550-0265	48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0266	EA 33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	417.38 68.66	37.04
08550-0267	EA 40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	461.52 76.59	39.28
08550-0268	EA 48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	506.99 84.65	41.87
08550-0269	EA 56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	559.41 94.11	44.44
08550-0270	EA 62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	596.74 100.80	46.37
08550-0271	EA 71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	653.19 110.93	49.27
08550-0272	52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0273	EA 33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	447.07 74.09	38.32
08550-0274	EA 40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	490.51 81.87	40.58
08550-0275	EA 48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	530.83 88.91	43.15
08550-0276	EA 56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	588.42 99.39	45.73
08550-0277	EA 62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	627.48 106.43	47.65
08550-0278	EA 71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	682.89 116.35	50.56
08550-0279	59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0280	EA 33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	491.21 82.01	40.58
08550-0281	EA 40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	534.65 89.80	43.15
08550-0282	EA 48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	580.12 97.86	45.73
08550-0283	EA 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	632.55 107.32	47.98

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0284	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	671.62	49.91
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	114.36	
08550-0285	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	726.33	52.81
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	124.14	
08550-0286		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0287	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	521.54	42.19
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	87.43	
08550-0288	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	564.97	44.44
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	95.22	
08550-0289	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	611.15	47.02
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	103.42	
08550-0290	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	663.57	49.59
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	112.88	
08550-0291		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0242)</small>		
08550-0292	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	565.67	44.44
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	95.36	
08550-0293	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	609.11	47.02
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	103.15	
08550-0294	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	654.58	49.59
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	111.21	
08550-0295	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	707.02	51.85
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	120.67	
08550-0296		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0180)</small>		
08550-0297		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0298	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	503.63	41.54
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	84.11	
08550-0299	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	584.38	45.73
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	98.58	
08550-0300		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0301	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	533.74	42.82
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	89.62	
08550-0302	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	609.33	47.02
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	103.06	
08550-0303		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0304	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	514.08	41.87
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	86.07	
08550-0305	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	578.79	45.08
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	97.72	
08550-0306	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	658.75	49.59
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	112.04	
08550-0307		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0308	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	543.01	43.79
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	91.21	
08550-0309	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	609.81	46.70
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	103.29	
08550-0310	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	689.10	50.88
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	117.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0311	48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0312	EA 71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	654.58	49.27
	08MOD-0337 For Tempered Clear Insulated Glass, Add	111.21	
08550-0313	EA 84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	733.87	53.45
	08MOD-0337 For Tempered Clear Insulated Glass, Add	125.39	
08550-0314	52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0315	EA 71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	684.28	50.56
	08MOD-0337 For Tempered Clear Insulated Glass, Add	116.63	
08550-0316	EA 84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	763.56	54.74
	08MOD-0337 For Tempered Clear Insulated Glass, Add	130.82	
08550-0317	59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08550-0296)</small>		
08550-0318	EA 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	727.72	52.81
	08MOD-0337 For Tempered Clear Insulated Glass, Add	124.42	
08550-0319	EA 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	807.69	57.32
	08MOD-0337 For Tempered Clear Insulated Glass, Add	138.74	
08550-0320	Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0179)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08550-0321	One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0320)</small>		
08550-0322	24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0323	EA 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	215.09	24.47
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	33.36	
08550-0324	EA 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	227.46	25.12
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	35.44	
08550-0325	EA 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	241.33	26.41
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	37.70	
08550-0326	EA 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	254.15	27.69
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	39.75	
08550-0327	28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0328	EA 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	230.71	25.76
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	35.97	
08550-0329	EA 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	243.07	26.41
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	38.05	
08550-0330	EA 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	256.94	27.69
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	40.31	
08550-0331	EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	263.98	28.98
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	41.20	
08550-0332	EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	279.92	30.27
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	44.00	
08550-0333	35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0334	EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	258.68	27.69
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	40.66	
08550-0335	EA 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	271.91	28.98
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	42.92	
08550-0336	EA 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	285.79	29.95
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	45.18	
08550-0337	EA 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	307.48	31.24
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	49.00	
08550-0338	EA 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	328.06	32.21
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	52.73	
08550-0339	EA 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	348.06	32.84
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	56.47	
08550-0340	40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0341	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	277.53	29.62
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	43.79	
08550-0342	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	289.90	30.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	45.87	
08550-0343	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	303.77	31.56
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	48.13	
08550-0344	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	335.03	32.84
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	53.87	
08550-0345	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	356.58	34.13
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	57.79	
08550-0346	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	376.90	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	61.34	
08550-0347		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0348	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	304.42	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	48.13	
08550-0349	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	317.65	32.84
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	50.39	
08550-0350	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	331.51	34.13
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	52.65	
08550-0351	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	374.51	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	60.73	
08550-0352	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	391.43	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	63.73	
08550-0353	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	416.81	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	68.29	
08550-0354		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0355	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	322.64	33.49
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	51.26	
08550-0356	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	334.99	34.13
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	53.35	
08550-0357	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	348.88	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	55.61	
08550-0358	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	401.85	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.69	
08550-0359	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	427.01	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	70.33	
08550-0360	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	443.72	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	73.16	
08550-0361		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0362	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	348.88	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	55.61	
08550-0363	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	362.09	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	57.86	
08550-0364	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	375.97	37.67
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	60.12	
08550-0365	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	441.11	38.96
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	72.64	
08550-0366	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	459.02	39.93
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	75.83	
08550-0367	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	483.00	41.22
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	80.11	
08550-0368		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		
08550-0369	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	367.73	37.36
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	58.73	
08550-0370	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	380.10	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	60.82	
08550-0371	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	393.96	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	63.08	
08550-0372	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	468.67	40.58
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	77.50	
08550-0373	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	485.34	41.87
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	80.45	
08550-0374	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	510.55	43.15
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	84.98	
08550-0375		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0321)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0376	EA 17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	393.96 63.08	39.28
08550-0377	EA 20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	407.20 65.34	40.58
08550-0378	EA 24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	421.07 67.60	41.54
08550-0379	EA 28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	507.94 84.46	42.82
08550-0380	EA 31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	528.34 88.15	43.79
08550-0381	EA 35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	549.82 91.93	45.08
08550-0382	Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0382)</small>		
08550-0383	24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0382)</small>		
08550-0384	EA 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	382.38 63.85	31.56
08550-0385	EA 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	434.58 73.26	34.13
08550-0386	EA 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	494.99 84.31	36.71
08550-0387	28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0382)</small>		
08550-0388	EA 40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	412.53 69.37	32.84
08550-0389	EA 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	464.75 78.78	35.42
08550-0390	EA 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	525.14 89.83	37.99
08550-0391	35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0382)</small>		
08550-0392	EA 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	408.84 68.63	32.84
08550-0393	EA 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	462.01 78.36	35.42
08550-0394	EA 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	517.56 88.44	37.99
08550-0395	EA 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	581.81 100.26	40.25
08550-0396	EA 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	624.89 108.10	42.19
08550-0397	EA 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	696.62 121.29	45.08
08550-0398	40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0382)</small>		
08550-0399	EA 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	445.95 75.41	34.45
08550-0400	EA 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	499.12 85.14	36.71
08550-0401	EA 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	554.67 95.22	39.28
08550-0402	EA 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	618.92 107.04	41.87
08550-0403	EA 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	666.60 115.80	43.79
08550-0404	EA 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	866.68 154.66	46.70
08550-0405	48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08550-0382)</small>		
08550-0406	EA 33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	500.63 85.31	37.04
08550-0407	EA 40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	554.67 95.22	39.28
08550-0408	EA 48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	610.23 105.30	41.87
08550-0409	EA 56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	674.47 117.12	44.44
08550-0410	EA 62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	720.16 125.48	46.37

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0411	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	789.28	49.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	138.15	
08550-0412		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0382)		
08550-0413	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	537.10	38.32
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	92.09	
08550-0414	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	590.28	40.58
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	101.83	
08550-0415	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	640.67	43.15
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	110.87	
08550-0416	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	710.08	45.73
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	123.72	
08550-0417	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	757.94	47.65
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	132.52	
08550-0418	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	825.76	50.56
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	144.93	
08550-0419		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0382)		
08550-0420	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	591.15	40.58
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	102.00	
08550-0421	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	644.32	43.15
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	111.73	
08550-0422	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	699.87	45.73
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	121.81	
08550-0423	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	764.11	47.98
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	133.63	
08550-0424	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	811.98	49.91
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	142.43	
08550-0425	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	878.92	52.81
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	154.66	
08550-0426		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0382)		
08550-0427	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	628.26	42.19
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	108.78	
08550-0428	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	681.42	44.44
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	118.51	
08550-0429	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	737.85	47.02
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	128.76	
08550-0430	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	802.09	49.59
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	140.58	
08550-0431		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0382)		
08550-0432	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	682.29	44.44
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	118.68	
08550-0433	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	735.46	47.02
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	128.42	
08550-0434	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	791.01	49.59
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	138.50	
08550-0435	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	855.27	51.85
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	150.32	
08550-0436		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0320)		
08550-0437		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0438	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	607.47	41.54
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	104.88	
08550-0439	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	705.03	45.73
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	122.71	
08550-0440		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0441	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	643.19	42.82
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	111.51	
08550-0442	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	735.57	47.02
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	128.31	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0443 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0444 EA 61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	619.09	41.87
08MOD-0335 For Tempered Low-E Insulated Glass, Add	107.07	
08550-0445 EA 71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	698.36	45.08
08MOD-0335 For Tempered Low-E Insulated Glass, Add	121.64	
08550-0446 EA 84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	796.23	49.59
08MOD-0335 For Tempered Low-E Insulated Glass, Add	139.54	
08550-0447 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0448 EA 61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	654.44	43.79
08MOD-0335 For Tempered Low-E Insulated Glass, Add	113.50	
08550-0449 EA 71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	736.33	46.70
08MOD-0335 For Tempered Low-E Insulated Glass, Add	128.59	
08550-0450 EA 84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	833.35	50.88
08MOD-0335 For Tempered Low-E Insulated Glass, Add	146.32	
08550-0451 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0452 EA 71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	791.01	49.27
08MOD-0335 For Tempered Low-E Insulated Glass, Add	138.50	
08550-0453 EA 84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	888.03	53.45
08MOD-0335 For Tempered Low-E Insulated Glass, Add	156.22	
08550-0454 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0455 EA 71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	827.50	50.56
08MOD-0335 For Tempered Low-E Insulated Glass, Add	145.28	
08550-0456 EA 84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	924.49	54.74
08MOD-0335 For Tempered Low-E Insulated Glass, Add	163.00	
08550-0457 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08550-0436)		
08550-0458 EA 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	880.66	52.81
08MOD-0335 For Tempered Low-E Insulated Glass, Add	155.01	
08550-0459 EA 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	978.54	57.32
08MOD-0335 For Tempered Low-E Insulated Glass, Add	172.91	
08550-0460 Awning Wood Clad Windows (08550-0001)		
08550-0461 Awning Wood Clad Windows (Andersen 200 Series) (08550-0460) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08550-0462 Venting, Awning Wood Clad Windows (Andersen 200 Series) (08550-0461)		
08550-0463 17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08550-0462)		
08550-0464 EA 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	198.03	26.41
08MOD-0337 For Tempered Clear Insulated Glass, Add	29.04	
08550-0465 EA 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	211.73	27.69
08MOD-0337 For Tempered Clear Insulated Glass, Add	31.27	
08550-0466 EA 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	222.90	28.66
08MOD-0337 For Tempered Clear Insulated Glass, Add	33.12	
08550-0467 EA 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	237.10	29.95
08MOD-0337 For Tempered Clear Insulated Glass, Add	35.44	
08550-0468 EA 40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	253.52	31.56
08MOD-0337 For Tempered Clear Insulated Glass, Add	38.08	
08550-0469 EA 48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	278.83	34.13
08MOD-0337 For Tempered Clear Insulated Glass, Add	42.11	
08550-0470 EA 52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	294.63	35.42
08MOD-0337 For Tempered Clear Insulated Glass, Add	44.76	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0471	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	317.90	37.99
		08MOD-0337 For Tempered Clear Insulated Glass, Add	48.51	
08550-0472	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	327.06	39.28
		08MOD-0337 For Tempered Clear Insulated Glass, Add	49.70	
08550-0473	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	350.11	41.54
		08MOD-0337 For Tempered Clear Insulated Glass, Add	53.41	
08550-0474		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)		
		<small>(08550-0462)</small>		
08550-0475	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	208.64	27.69
		08MOD-0337 For Tempered Clear Insulated Glass, Add	30.78	
08550-0476	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	223.39	28.98
		08MOD-0337 For Tempered Clear Insulated Glass, Add	33.21	
08550-0477	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	233.09	29.62
		08MOD-0337 For Tempered Clear Insulated Glass, Add	34.77	
08550-0478	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	248.76	30.92
		08MOD-0337 For Tempered Clear Insulated Glass, Add	37.39	
08550-0479	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	265.19	32.84
		08MOD-0337 For Tempered Clear Insulated Glass, Add	40.03	
08550-0480	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	289.80	35.10
		08MOD-0337 For Tempered Clear Insulated Glass, Add	43.92	
08550-0481	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	305.58	36.71
		08MOD-0337 For Tempered Clear Insulated Glass, Add	46.56	
08550-0482	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	329.57	38.64
		08MOD-0337 For Tempered Clear Insulated Glass, Add	50.46	
08550-0483	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	337.93	40.58
		08MOD-0337 For Tempered Clear Insulated Glass, Add	51.48	
08550-0484	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	361.65	42.51
		08MOD-0337 For Tempered Clear Insulated Glass, Add	55.33	
08550-0485	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	546.57	47.02
		08MOD-0337 For Tempered Clear Insulated Glass, Add	90.64	
08550-0486		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)		
		<small>(08550-0462)</small>		
08550-0487	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	222.00	28.98
		08MOD-0337 For Tempered Clear Insulated Glass, Add	32.94	
08550-0488	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	235.71	30.27
		08MOD-0337 For Tempered Clear Insulated Glass, Add	35.16	
08550-0489	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	245.10	30.92
		08MOD-0337 For Tempered Clear Insulated Glass, Add	36.65	
08550-0490	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	261.06	32.21
		08MOD-0337 For Tempered Clear Insulated Glass, Add	39.33	
08550-0491	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	277.49	34.13
		08MOD-0337 For Tempered Clear Insulated Glass, Add	41.97	
08550-0492	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	302.80	36.39
		08MOD-0337 For Tempered Clear Insulated Glass, Add	46.01	
08550-0493	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	318.59	37.99
		08MOD-0337 For Tempered Clear Insulated Glass, Add	48.65	
08550-0494	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	342.57	39.93
		08MOD-0337 For Tempered Clear Insulated Glass, Add	52.54	
08550-0495	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	350.11	41.87
		08MOD-0337 For Tempered Clear Insulated Glass, Add	53.41	
08550-0496	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	373.11	43.79
		08MOD-0337 For Tempered Clear Insulated Glass, Add	57.11	
08550-0497	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	574.50	48.30
		08MOD-0337 For Tempered Clear Insulated Glass, Add	95.71	
08550-0498		28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)		
		<small>(08550-0462)</small>		
08550-0499	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	222.50	30.27
		08MOD-0337 For Tempered Clear Insulated Glass, Add	32.52	
08550-0500	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	243.15	31.56
		08MOD-0337 For Tempered Clear Insulated Glass, Add	36.13	
08550-0501	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	256.51	32.21
		08MOD-0337 For Tempered Clear Insulated Glass, Add	38.42	
08550-0502	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	281.02	33.49
		08MOD-0337 For Tempered Clear Insulated Glass, Add	42.81	
08550-0503	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	305.79	35.42
		08MOD-0337 For Tempered Clear Insulated Glass, Add	47.12	
08550-0504	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	342.23	37.67
		08MOD-0337 For Tempered Clear Insulated Glass, Add	53.38	
08550-0505	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	365.65	39.28
		08MOD-0337 For Tempered Clear Insulated Glass, Add	57.55	
08550-0506	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	401.46	41.22
		08MOD-0337 For Tempered Clear Insulated Glass, Add	63.80	
08550-0507	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	415.15	43.15
		08MOD-0337 For Tempered Clear Insulated Glass, Add	65.90	
08550-0508	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	449.86	45.08
		08MOD-0337 For Tempered Clear Insulated Glass, Add	71.94	
08550-0509	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	590.10	49.59
		08MOD-0337 For Tempered Clear Insulated Glass, Add	98.31	



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0510	31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0462)</small>		
08550-0511	EA 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	256.51	32.21
	08MOD-0337 For Tempered Clear Insulated Glass, Add	38.42	
08550-0512	EA 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	270.83	33.16
	08MOD-0337 For Tempered Clear Insulated Glass, Add	40.90	
08550-0513	EA 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	290.50	34.45
	08MOD-0337 For Tempered Clear Insulated Glass, Add	44.32	
08550-0514	EA 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	312.60	36.07
	08MOD-0337 For Tempered Clear Insulated Glass, Add	48.09	
08550-0515	EA 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	344.87	38.64
	08MOD-0337 For Tempered Clear Insulated Glass, Add	53.52	
08550-0516	EA 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	366.90	39.93
	08MOD-0337 For Tempered Clear Insulated Glass, Add	57.41	
08550-0517	EA 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	398.53	42.51
	08MOD-0337 For Tempered Clear Insulated Glass, Add	62.83	
08550-0518	EA 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	420.61	43.79
	08MOD-0337 For Tempered Clear Insulated Glass, Add	66.61	
08550-0519	EA 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	452.84	46.05
	08MOD-0337 For Tempered Clear Insulated Glass, Add	72.15	
08550-0520	EA 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	627.89	50.24
	08MOD-0337 For Tempered Clear Insulated Glass, Add	105.48	
08550-0521	35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0462)</small>		
08550-0522	EA 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	290.50	34.45
	08MOD-0337 For Tempered Clear Insulated Glass, Add	44.32	
08550-0523	EA 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	318.21	35.75
	08MOD-0337 For Tempered Clear Insulated Glass, Add	49.34	
08550-0524	EA 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	342.98	37.36
	08MOD-0337 For Tempered Clear Insulated Glass, Add	53.65	
08550-0525	EA 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	379.41	39.93
	08MOD-0337 For Tempered Clear Insulated Glass, Add	59.91	
08550-0526	EA 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	403.54	41.22
	08MOD-0337 For Tempered Clear Insulated Glass, Add	64.22	
08550-0527	EA 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	438.64	43.79
	08MOD-0337 For Tempered Clear Insulated Glass, Add	70.34	
08550-0528	EA 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	387.40	45.08
	08MOD-0337 For Tempered Clear Insulated Glass, Add	59.45	
08550-0529	EA 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	415.24	47.34
	08MOD-0337 For Tempered Clear Insulated Glass, Add	64.11	
08550-0530	40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0462)</small>		
08550-0531	EA 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	338.81	37.36
	08MOD-0337 For Tempered Clear Insulated Glass, Add	52.82	
08550-0532	EA 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	379.56	39.28
	08MOD-0337 For Tempered Clear Insulated Glass, Add	60.33	
08550-0533	48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0462)</small>		
08550-0534	EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	400.27	39.93
	08MOD-0337 For Tempered Clear Insulated Glass, Add	64.08	
08550-0535	EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	441.72	41.87
	08MOD-0337 For Tempered Clear Insulated Glass, Add	71.73	
08550-0536	EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	502.49	44.11
	08MOD-0337 For Tempered Clear Insulated Glass, Add	82.85	
08550-0537	59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0462)</small>		
08550-0538	EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	492.02	43.47
	08MOD-0337 For Tempered Clear Insulated Glass, Add	81.01	
08550-0539	EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	528.45	45.08
	08MOD-0337 For Tempered Clear Insulated Glass, Add	87.66	
08550-0540	71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0462)</small>		
08550-0541	EA 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	535.82	43.79
	08MOD-0337 For Tempered Clear Insulated Glass, Add	89.65	
08550-0542	EA 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	555.58	47.34
	08MOD-0337 For Tempered Clear Insulated Glass, Add	92.18	
08550-0543	EA 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	612.81	48.94
	08MOD-0337 For Tempered Clear Insulated Glass, Add	102.98	
08550-0544	EA 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	671.85	51.53
	08MOD-0337 For Tempered Clear Insulated Glass, Add	113.76	
08550-0545	Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0461)</small>		

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0546		17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0545)</small>		
08550-0547	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	176.48	26.41
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	24.73	
08550-0548	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	189.48	27.69
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	26.82	
08550-0549	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	198.14	28.66
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	28.16	
08550-0550	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	212.07	29.95
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	30.43	
08550-0551	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	227.10	31.56
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	32.80	
08550-0552	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	250.32	34.13
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	36.41	
08550-0553	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	264.04	35.42
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	38.64	
08550-0554	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	285.92	37.99
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	42.11	
08550-0555	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	300.95	39.28
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	44.48	
08550-0556	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	322.84	41.54
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	47.95	
08550-0557		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0545)</small>		
08550-0558	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	186.75	27.69
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	26.40	
08550-0559	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	199.76	28.98
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	28.49	
08550-0560	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	207.73	29.62
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	29.70	
08550-0561	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	223.04	30.92
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	32.24	
08550-0562	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	238.08	32.84
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	34.61	
08550-0563	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	260.61	35.10
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	38.08	
08550-0564	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	274.99	36.71
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	40.44	
08550-0565	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	296.20	38.64
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	43.78	
08550-0566	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	311.93	40.58
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	46.28	
08550-0567	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	333.12	42.51
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	49.62	
08550-0568		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0545)</small>		
08550-0569	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	198.37	28.98
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	28.21	
08550-0570	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	211.37	30.27
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	30.29	
08550-0571	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	218.57	30.92
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	31.35	
08550-0572	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	233.95	32.21
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	33.91	
08550-0573	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	248.99	34.13
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	36.27	
08550-0574	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	271.52	36.39
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	39.75	
08550-0575	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	285.92	37.99
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	42.11	
08550-0576	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	307.81	39.93
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	45.59	
08550-0577	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	322.84	41.87
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	47.95	
08550-0578	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	344.72	43.79
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	51.43	
08550-0579		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0545)</small>		
08550-0580	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	200.25	30.27
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	28.07	
08550-0581	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	217.43	31.56
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	30.99	
08550-0582	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	227.03	32.21
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	32.53	
08550-0583	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	236.53	33.49
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	33.91	
08550-0584	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	268.25	35.42
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	39.61	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0585	EA 48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	297.73 44.48	37.67
08550-0586	EA 52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	316.99 47.81	39.28
08550-0587	EA 59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	345.84 52.68	41.22
08550-0588	EA 64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	366.44 56.16	43.15
08550-0589	EA 71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	395.28 61.02	45.08
08550-0590	31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0545)</small>		
08550-0591	EA 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	227.03 32.53	32.21
08550-0592	EA 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	239.00 34.53	33.16
08550-0593	EA 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	255.13 37.24	34.45
08550-0594	EA 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	273.69 40.31	36.07
08550-0595	EA 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	300.65 44.67	38.64
08550-0596	EA 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	318.55 47.74	39.93
08550-0597	EA 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	344.88 52.10	42.51
08550-0598	EA 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	362.83 55.05	43.79
08550-0599	EA 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	389.16 59.41	46.05
08550-0600	35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08550-0545)</small>		
08550-0601	EA 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	255.13 37.24	34.45
08550-0602	EA 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	278.58 41.42	35.75
08550-0603	EA 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	298.49 44.76	37.36
08550-0604	EA 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	328.66 49.76	39.93
08550-0605	EA 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	347.93 53.10	41.22
08550-0606	EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	376.77 57.96	43.79
08550-0607	EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	396.67 61.30	45.08
08550-0608	EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	425.51 66.17	47.34
08550-0609	Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0460)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08550-0610	Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0609)</small>		
08550-0611	17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		
08550-0612	EA 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	232.44 35.93	26.41
08550-0613	EA 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	248.92 38.71	27.69
08550-0614	EA 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	262.40 41.02	28.66
08550-0615	EA 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	279.50 43.92	29.95
08550-0616	EA 40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	299.23 47.22	31.56
08550-0617	EA 48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	329.58 52.26	34.13
08550-0618	EA 52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	348.68 55.57	35.42
08550-0619	EA 59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	376.64 60.26	37.99
08550-0620	EA 64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	387.30 61.75	39.28
08550-0621	EA 71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	414.97 66.38	41.54
08550-0622	20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0623	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	245.23	27.69
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	38.10	
08550-0624	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	263.02	28.98
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	41.14	
08550-0625	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	274.65	29.62
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	43.08	
08550-0626	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	293.60	30.92
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	46.35	
08550-0627	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	313.33	32.84
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	49.66	
08550-0628	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	342.81	35.10
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	54.52	
08550-0629	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	361.89	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	57.82	
08550-0630	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	390.75	38.64
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	62.69	
08550-0631	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	400.39	40.58
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	63.98	
08550-0632	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	428.91	42.51
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	68.78	
08550-0633	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	657.98	47.02
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	112.92	
08550-0634		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)		
	(08550-0610)			
08550-0635	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	261.28	28.98
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	40.79	
08550-0636	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	277.77	30.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	43.57	
08550-0637	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	289.02	30.92
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	45.44	
08550-0638	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	308.34	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	48.79	
08550-0639	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	328.07	34.13
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	52.09	
08550-0640	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	358.42	36.39
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	57.13	
08550-0641	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	377.51	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	60.43	
08550-0642	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	406.35	39.93
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.30	
08550-0643	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	414.97	41.87
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	66.38	
08550-0644	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	442.60	43.79
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	71.00	
08550-0645	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	692.25	48.30
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	119.26	
08550-0646		28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)		
	(08550-0610)			
08550-0647	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	261.26	30.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	40.27	
08550-0648	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	286.43	31.56
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	44.79	
08550-0649	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	302.65	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	47.65	
08550-0650	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	332.64	33.49
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	53.13	
08550-0651	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	362.80	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	58.52	
08550-0652	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	407.05	37.67
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	66.34	
08550-0653	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	435.70	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	71.56	
08550-0654	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	479.32	41.22
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	79.38	
08550-0655	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	495.63	43.15
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	81.99	
08550-0656	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	613.57	45.08
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	104.68	
08550-0657	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	711.10	49.59
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	122.51	
08550-0658		31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)		
	(08550-0610)			
08550-0659	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	302.65	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	47.65	
08550-0660	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	320.07	33.16
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	50.75	
08550-0661	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	344.01	34.45
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	55.02	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0662	EA 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	370.82 59.74	36.07
08550-0663	EA 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	409.87 66.52	38.64
08550-0664	EA 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	436.77 71.38	39.93
08550-0665	EA 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	475.18 78.16	42.51
08550-0666	EA 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	501.97 82.88	43.79
08550-0667	EA 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	541.13 89.81	46.05
08550-0668	EA 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	757.85 131.48	50.24
08550-0669	35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		
08550-0670	EA 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	344.01 55.02	34.45
08550-0671	EA 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	377.99 61.30	35.75
08550-0672	EA 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	408.15 66.69	37.36
08550-0673	EA 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	452.41 74.51	39.93
08550-0674	EA 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	481.93 79.90	41.22
08550-0675	EA 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	524.67 87.54	43.79
08550-0676	EA 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	459.81 73.93	45.08
08550-0677	EA 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	493.49 79.76	47.34
08550-0678	40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		
08550-0679	EA 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	399.72 65.65	37.36
08550-0680	EA 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	455.02 75.03	39.93
08550-0681	48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		
08550-0682	EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	478.48 79.72	39.93
08550-0683	EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	529.49 89.28	41.87
08550-0684	EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	604.16 103.19	44.11
08550-0685	59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		
08550-0686	EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	591.40 100.89	43.47
08550-0687	EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	636.12 109.19	45.08
08550-0688	71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0610)</small>		
08550-0689	EA 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	645.98 111.68	43.79
08550-0690	EA 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	668.91 114.85	47.34
08550-0691	EA 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	739.65 128.35	48.94
08550-0692	EA 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	812.16 141.82	51.53
08550-0693	Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0609)</small>		
08550-0694	17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08550-0693)</small>		
08550-0695	EA 24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	205.50 30.54	26.41
08550-0696	EA 28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	221.12 33.15	27.69
08550-0697	EA 31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	231.45 34.83	28.66
08550-0698	EA 35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	248.22 37.66	29.95

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0699	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	266.20	31.56
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	40.62	
08550-0700	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	293.95	34.13
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	45.14	
08550-0701	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	310.44	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	47.92	
08550-0702	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	336.67	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	52.26	
08550-0703	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	354.66	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	55.22	
08550-0704	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	380.89	41.54
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.56	
08550-0705		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)		
	(08550-0693)			
08550-0706	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	217.86	27.69
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	32.62	
08550-0707	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	233.47	28.98
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	35.23	
08550-0708	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	242.96	29.62
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	36.74	
08550-0709	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	261.45	30.92
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	39.92	
08550-0710	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	279.44	32.84
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	42.88	
08550-0711	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	306.32	35.10
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	47.22	
08550-0712	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	323.66	36.71
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	50.18	
08550-0713	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	349.03	38.64
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	54.35	
08550-0714	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	367.90	40.58
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	57.48	
08550-0715	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	393.25	42.51
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	61.65	
08550-0716		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)		
	(08550-0693)			
08550-0717	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	231.74	28.98
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	34.88	
08550-0718	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	247.35	30.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	37.49	
08550-0719	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	255.86	30.92
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	38.81	
08550-0720	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	274.44	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	42.01	
08550-0721	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	292.44	34.13
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	44.96	
08550-0722	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	319.31	36.39
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	49.31	
08550-0723	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	336.67	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	52.26	
08550-0724	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	362.90	39.93
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	56.61	
08550-0725	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	380.89	41.87
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.56	
08550-0726	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	407.12	43.79
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	63.91	
08550-0727		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)		
	(08550-0693)			
08550-0728	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	233.45	30.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	34.71	
08550-0729	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	254.28	31.56
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	38.36	
08550-0730	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	265.80	32.21
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	40.28	
08550-0731	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	277.02	33.49
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	42.01	
08550-0732	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	315.87	35.42
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	49.13	
08550-0733	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	351.44	37.67
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	55.22	
08550-0734	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	374.86	39.28
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	59.39	
08550-0735	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	409.80	41.22
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	65.47	
08550-0736	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	434.74	43.15
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	69.82	
08550-0737	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	469.67	45.08
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	75.90	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		08550-0738 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)		
		<small>(08550-0693)</small>		
	08550-0739	EA 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	265.80	32.21
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	40.28	
	08550-0740	EA 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	280.27	33.16
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	42.79	
	08550-0741	EA 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	299.79	34.45
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	46.18	
	08550-0742	EA 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	322.18	36.07
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	50.01	
	08550-0743	EA 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	354.60	38.64
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	55.46	
	08550-0744	EA 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	376.33	39.93
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	59.29	
	08550-0745	EA 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	408.11	42.51
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	64.75	
	08550-0746	EA 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	429.75	43.79
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	68.43	
	08550-0747	EA 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	461.54	46.05
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	73.89	
		08550-0748 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)		
		<small>(08550-0693)</small>		
	08550-0749	EA 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	299.79	34.45
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	46.18	
	08550-0750	EA 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	328.46	35.75
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	51.39	
	08550-0751	EA 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	352.54	37.36
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	55.57	
	08550-0752	EA 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	388.97	39.93
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	61.82	
	08550-0753	EA 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	412.41	41.22
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	65.99	
	08550-0754	EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	447.33	43.79
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	72.08	
	08550-0755	EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	471.41	45.08
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	76.25	
	08550-0756	EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	506.32	47.34
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	82.33	
		08550-0757 Horizontal Sliding Wood Clad Windows <small>(08550-0001)</small>		
		08550-0758 One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08550-0757)</small>		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
		08550-0759 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08550-0758)</small>		
	08550-0760	EA 47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	246.08	34.13
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	35.69	
		08550-0761 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08550-0758)</small>		
	08550-0762	EA 35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	226.78	31.56
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	32.60	
	08550-0763	EA 47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	264.54	36.07
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	38.61	
		08550-0764 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08550-0758)</small>		
	08550-0765	EA 35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	264.54	36.07
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	38.61	
	08550-0766	EA 47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	302.29	39.93
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	44.62	
	08550-0767	EA 59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	340.06	43.47
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	50.62	
	08550-0768	EA 71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	377.81	47.34
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	56.63	
		08550-0769 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08550-0758)</small>		
	08550-0770	EA 35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	283.84	37.99
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	41.70	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0771	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	320.75	41.87
	08MOD-0337	For Tempered Clear Insulated Glass, Add	47.53	
08550-0772	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	358.51	45.41
	08MOD-0337	For Tempered Clear Insulated Glass, Add	53.54	
08550-0773	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	426.29	49.27
	08MOD-0337	For Tempered Clear Insulated Glass, Add	65.55	
08550-0774		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08550-0758)		
08550-0775	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	302.29	39.93
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.62	
08550-0776	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	340.06	43.79
	08MOD-0337	For Tempered Clear Insulated Glass, Add	50.62	
08550-0777	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	377.81	47.34
	08MOD-0337	For Tempered Clear Insulated Glass, Add	56.63	
08550-0778	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	415.58	51.20
	08MOD-0337	For Tempered Clear Insulated Glass, Add	62.63	
08550-0779		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08550-0758)		
08550-0780	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	358.51	45.73
	08MOD-0337	For Tempered Clear Insulated Glass, Add	53.54	
08550-0781	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	396.26	49.27
	08MOD-0337	For Tempered Clear Insulated Glass, Add	59.55	
08550-0782	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	434.03	53.13
	08MOD-0337	For Tempered Clear Insulated Glass, Add	65.55	
08550-0783		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08550-0758)		
08550-0784	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	377.81	47.65
	08MOD-0337	For Tempered Clear Insulated Glass, Add	56.63	
08550-0785	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	415.58	51.20
	08MOD-0337	For Tempered Clear Insulated Glass, Add	62.63	
08550-0786	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	453.40	55.07
	08MOD-0337	For Tempered Clear Insulated Glass, Add	68.65	
08550-0787		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08550-0757)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08550-0788		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08550-0787)		
08550-0789	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	527.85	31.56
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	92.82	
08550-0790	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	627.39	36.07
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	111.18	
08550-0791		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08550-0787)		
08550-0792	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	635.11	36.07
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	112.72	
08550-0793	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	735.49	39.93
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	131.26	
08550-0794	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	835.04	43.47
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	149.62	
08550-0795	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	934.56	47.34
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	167.98	
08550-0796		41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08550-0787)		
08550-0797	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	685.30	37.99
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	121.99	
08550-0798	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	784.84	41.87
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	140.35	
08550-0799	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	885.23	45.41
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	158.88	
08550-0800	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	984.76	49.27
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	177.25	
08550-0801		47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08550-0787)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0802	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	735.49	39.93
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	131.26	
08550-0803	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	835.04	43.79
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	149.62	
08550-0804	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	934.56	47.34
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	167.98	
08550-0805	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,034.97	51.20
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	186.51	
08550-0806		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08550-0787)		
08550-0807	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	835.04	43.79
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	149.62	
08550-0808	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	934.56	47.65
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	167.98	
08550-0809	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,034.97	51.20
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	186.51	
08550-0810	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,134.49	55.07
	08MOD-0335	For Tempered Low-E Insulated Glass, Add	204.87	
08550-0811		Picture Wood Clad Windows (08550-0001)		
08550-0812		Picture Wood Clad Windows For Awning And Casement Windows (08550-0811)		
08550-0813		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08550-0812) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08550-0814		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08550-0813)		
08550-0815	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	193.11	25.76
	08MOD-0337	For Tempered Clear Insulated Glass, Add	28.32	
08550-0816	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	225.08	28.33
	08MOD-0337	For Tempered Clear Insulated Glass, Add	33.68	
08550-0817	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	238.88	29.62
	08MOD-0337	For Tempered Clear Insulated Glass, Add	35.93	
08550-0818	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	258.98	32.21
	08MOD-0337	For Tempered Clear Insulated Glass, Add	39.04	
08550-0819	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	272.80	33.49
	08MOD-0337	For Tempered Clear Insulated Glass, Add	41.16	
08550-0820	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	292.90	36.07
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.28	
08550-0821		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08550-0813)		
08550-0822	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	215.85	31.56
	08MOD-0337	For Tempered Clear Insulated Glass, Add	30.55	
08550-0823	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	247.94	33.49
	08MOD-0337	For Tempered Clear Insulated Glass, Add	36.32	
08550-0824	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	295.33	35.75
	08MOD-0337	For Tempered Clear Insulated Glass, Add	44.77	
08550-0825	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	326.05	37.04
	08MOD-0337	For Tempered Clear Insulated Glass, Add	50.40	
08550-0826	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	372.09	39.28
	08MOD-0337	For Tempered Clear Insulated Glass, Add	58.70	
08550-0827	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	404.18	40.90
	08MOD-0337	For Tempered Clear Insulated Glass, Add	64.48	
08550-0828	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	590.99	43.15
	08MOD-0337	For Tempered Clear Insulated Glass, Add	100.94	
08550-0829		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08550-0813)		
08550-0830	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	247.94	33.49
	08MOD-0337	For Tempered Clear Insulated Glass, Add	36.32	
08550-0831	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	280.01	34.78
	08MOD-0337	For Tempered Clear Insulated Glass, Add	42.09	
08550-0832	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	327.41	37.36
	08MOD-0337	For Tempered Clear Insulated Glass, Add	50.54	
08550-0833	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	358.14	38.64
	08MOD-0337	For Tempered Clear Insulated Glass, Add	56.17	
08550-0834	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	404.18	41.22
	08MOD-0337	For Tempered Clear Insulated Glass, Add	64.48	
08550-0835	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	436.25	42.51
	08MOD-0337	For Tempered Clear Insulated Glass, Add	70.25	
08550-0836	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	482.29	45.08
	08MOD-0337	For Tempered Clear Insulated Glass, Add	78.55	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0837		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08550-0813)</small>		
08550-0838	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	295.33	36.07
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	44.77	
08550-0839	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	327.41	37.36
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	50.54	
08550-0840	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	374.79	39.93
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	58.99	
08550-0841	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	405.53	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	64.62	
08550-0842	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	451.57	43.79
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	72.92	
08550-0843	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	483.64	45.08
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	78.69	
08550-0844	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	529.67	47.65
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	87.00	
08550-0845		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08550-0813)</small>		
08550-0846	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	326.05	37.36
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	50.40	
08550-0847	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	358.14	38.64
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	56.17	
08550-0848	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	405.53	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	64.62	
08550-0849	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	436.25	42.51
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	70.25	
08550-0850	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	482.29	45.08
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	78.55	
08550-0851	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	514.37	46.37
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	84.33	
08550-0852	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	601.94	48.94
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	100.94	
08550-0853		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08550-0813)</small>		
08550-0854	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	372.09	39.28
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	58.70	
08550-0855	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	404.18	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	64.48	
08550-0856	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	451.57	43.47
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	72.92	
08550-0857	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	482.29	44.76
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	78.55	
08550-0858	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	528.33	47.02
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	86.86	
08550-0859	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	560.41	48.62
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	92.63	
08550-0860	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	606.45	50.88
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	100.94	
08550-0861		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08550-0813)</small>		
08550-0862	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	404.18	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	64.48	
08550-0863	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	436.25	42.51
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	70.25	
08550-0864	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	483.64	45.08
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	78.69	
08550-0865	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	514.37	46.37
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	84.33	
08550-0866	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	601.94	48.94
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	100.94	
08550-0867		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08550-0813)</small>		
08550-0868	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	450.21	43.15
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	72.78	
08550-0869	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	482.29	45.08
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	78.55	
08550-0870	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	529.67	47.34
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	87.00	
08550-0871	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	560.41	48.62
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	92.63	
08550-0872	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	606.45	50.88
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	100.94	



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0873	Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0812)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08550-0874	12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0875	EA 40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	226.32	25.76
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	34.96	
08550-0876	EA 48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	264.58	28.33
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	41.58	
08550-0877	EA 52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	281.01	29.62
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	44.35	
08550-0878	EA 59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	304.77	32.21
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	48.20	
08550-0879	EA 64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	321.08	33.49
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	50.82	
08550-0880	EA 71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	344.84	36.07
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	54.67	
08550-0881	35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0882	EA 35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	251.68	31.56
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	37.71	
08550-0883	EA 40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	290.54	33.49
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	44.84	
08550-0884	EA 48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	347.83	35.75
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	55.27	
08550-0885	EA 52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	385.16	37.04
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	62.22	
08550-0886	EA 59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	440.94	39.28
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	72.47	
08550-0887	EA 64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	479.80	40.90
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.60	
08550-0888	EA 71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	709.37	43.15
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	124.61	
08550-0889	40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0890	EA 35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	290.54	33.49
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	44.84	
08550-0891	EA 40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	329.38	34.78
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	51.97	
08550-0892	EA 48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	386.68	37.36
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	62.39	
08550-0893	EA 52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	424.02	38.64
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	69.35	
08550-0894	EA 59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	479.80	41.22
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.60	
08550-0895	EA 64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	518.64	42.51
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	86.73	
08550-0896	EA 71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	574.42	45.08
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	96.98	
08550-0897	48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0898	EA 35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	347.83	36.07
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	55.27	
08550-0899	EA 40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	386.68	37.36
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	62.39	
08550-0900	EA 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	443.97	39.93
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	72.82	
08550-0901	EA 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	481.31	41.22
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.77	
08550-0902	EA 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	537.09	43.79
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	90.03	
08550-0903	EA 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	575.94	45.08
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	97.15	
08550-0904	EA 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	631.71	47.65
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	107.41	
08550-0905	52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0906	EA 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	385.16	37.36
	08MOD-0335 For Tempered Low-E Insulated Glass, Add	62.22	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0907	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	424.02	38.64
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	69.35	
08550-0908	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	481.31	41.22
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	79.77	
08550-0909	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	518.64	42.51
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	86.73	
08550-0910	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	574.42	45.08
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	96.98	
08550-0911	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	613.27	46.37
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	104.11	
08550-0912	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	720.32	48.94
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	124.61	
08550-0913		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0914	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	440.94	39.28
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	72.47	
08550-0915	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	479.80	41.22
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	79.60	
08550-0916	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	537.09	43.47
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	90.03	
08550-0917	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	574.42	44.76
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	96.98	
08550-0918	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	630.20	47.02
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	107.23	
08550-0919	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	669.05	48.62
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	114.36	
08550-0920	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	724.83	50.88
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	124.61	
08550-0921		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0922	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	479.80	41.22
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	79.60	
08550-0923	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	518.64	42.51
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	86.73	
08550-0924	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	575.94	45.08
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	97.15	
08550-0925	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	613.27	46.37
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	104.11	
08550-0926	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	720.32	48.94
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	124.61	
08550-0927		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) <small>(08550-0873)</small>		
08550-0928	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	535.57	43.15
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	89.85	
08550-0929	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	574.42	45.08
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	96.98	
08550-0930	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	631.71	47.34
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	107.41	
08550-0931	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	669.05	48.62
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	114.36	
08550-0932	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	724.83	50.88
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	124.61	
08550-0933		Picture Wood Clad Windows For Double Hung Windows <small>(08550-0811)</small>		
08550-0934		Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0933)</small>		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08550-0935		35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0936	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	276.86	40.25
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	39.27	
08550-0937	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	284.18	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	40.35	
08550-0938		47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0939	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	284.18	41.22
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	40.35	
08550-0940	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	344.29	48.94
		<i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	49.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0941 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0942 EA 56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	322.33	46.05
08MOD-0337 For Tempered Clear Insulated Glass, Add	46.05	
08550-0943 EA 59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	329.65	47.02
08MOD-0337 For Tempered Clear Insulated Glass, Add	47.12	
08550-0944 56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0945 EA 35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	276.86	40.58
08MOD-0337 For Tempered Clear Insulated Glass, Add	39.27	
08550-0946 EA 53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	322.33	46.05
08MOD-0337 For Tempered Clear Insulated Glass, Add	46.05	
08550-0947 59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0948 EA 35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	284.18	41.22
08MOD-0337 For Tempered Clear Insulated Glass, Add	40.35	
08550-0949 EA 53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	329.65	47.02
08MOD-0337 For Tempered Clear Insulated Glass, Add	47.12	
08550-0950 EA 59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	344.29	48.94
08MOD-0337 For Tempered Clear Insulated Glass, Add	49.28	
08550-0951 EA 65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	359.71	50.88
08MOD-0337 For Tempered Clear Insulated Glass, Add	51.59	
08550-0952 65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0953 EA 59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	359.71	50.88
08MOD-0337 For Tempered Clear Insulated Glass, Add	51.59	
08550-0954 71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08550-0934)</small>		
08550-0955 EA 47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	344.29	48.94
08MOD-0337 For Tempered Clear Insulated Glass, Add	49.28	
08550-0956 Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0933)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08550-0957 48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-0958 EA 12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	301.55	30.27
08MOD-0335 For Tempered Low-E Insulated Glass, Add	48.20	
08550-0959 EA 37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	419.29	38.64
08MOD-0335 For Tempered Low-E Insulated Glass, Add	68.53	
08550-0960 EA 41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	437.26	39.61
08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.61	
08550-0961 EA 47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	464.23	41.54
08MOD-0335 For Tempered Low-E Insulated Glass, Add	76.23	
08550-0962 EA 51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	482.21	43.15
08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.31	
08550-0963 EA 59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	518.93	45.41
08MOD-0335 For Tempered Low-E Insulated Glass, Add	85.62	
08550-0964 EA 67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	555.65	48.30
08MOD-0335 For Tempered Low-E Insulated Glass, Add	91.94	
08550-0965 52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-0966 EA 12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	320.29	31.56
08MOD-0335 For Tempered Low-E Insulated Glass, Add	51.44	
08550-0967 EA 37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	437.26	39.93
08MOD-0335 For Tempered Low-E Insulated Glass, Add	71.61	
08550-0968 EA 41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	456.02	40.90
08MOD-0335 For Tempered Low-E Insulated Glass, Add	74.84	
08550-0969 EA 47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	482.21	42.82
08MOD-0335 For Tempered Low-E Insulated Glass, Add	79.31	
08550-0970 EA 51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	500.95	44.44
08MOD-0335 For Tempered Low-E Insulated Glass, Add	82.54	
08550-0971 EA 59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	537.67	46.70
08MOD-0335 For Tempered Low-E Insulated Glass, Add	88.86	
08550-0972 EA 67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	574.39	49.59
08MOD-0335 For Tempered Low-E Insulated Glass, Add	95.17	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-0973		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-0974	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	338.27	32.84
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	54.52	
08550-0975	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	456.02	41.22
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	74.84	
08550-0976	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	473.99	42.19
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	77.92	
08550-0977	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	500.95	44.11
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	82.54	
08550-0978	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	518.93	45.73
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	85.62	
08550-0979	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	555.65	47.98
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	91.94	
08550-0980	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	593.15	50.88
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	98.41	
08550-0981		60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-0982	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	357.01	34.13
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	57.75	
08550-0983	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	473.99	42.51
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	77.92	
08550-0984	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	492.74	43.47
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	81.16	
08550-0985	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	518.93	45.41
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	85.62	
08550-0986	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	537.67	47.02
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	88.86	
08550-0987	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	574.39	49.27
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	95.17	
08550-0988	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	611.12	52.17
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	101.49	
08550-0989		64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-0990	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	375.00	35.42
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	60.83	
08550-0991	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	492.74	43.79
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	81.16	
08550-0992	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	511.48	44.76
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	84.39	
08550-0993	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	537.67	46.70
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	88.86	
08550-0994	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	555.65	48.30
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	91.94	
08550-0995	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	593.15	50.56
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	98.41	
08550-0996	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	629.87	53.45
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	104.72	
08550-0997		68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-0998	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	393.74	36.71
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	64.06	
08550-0999	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	511.48	45.08
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	84.39	
08550-1000	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	529.46	46.05
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	87.47	
08550-1001	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	555.65	47.98
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	91.94	
08550-1002	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	574.39	49.59
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	95.17	
08550-1003	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	611.12	51.85
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	101.49	
08550-1004	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	647.84	54.74
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	107.80	
08550-1005		72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08550-0956)</small>		
08550-1006	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	411.72	37.99
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	67.14	
08550-1007	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	529.46	46.37
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	87.47	
08550-1008	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	548.20	47.34
		<i>08MOD-0335 For Tempered Low-E Insulated Glass, Add</i>	90.71	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1009	EA 47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	574.39 95.17	49.27
08550-1010	EA 51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	593.15 98.41	50.88
08550-1011	EA 59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	629.87 104.72	53.13
08550-1012	EA 67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	666.59 111.03	56.03
08550-1013	76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08550-0956)		
08550-1014	EA 12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	430.46 70.38	39.28
08550-1015	EA 37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	548.20 90.71	47.65
08550-1016	EA 41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	566.18 93.79	48.62
08550-1017	EA 47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	593.15 98.41	50.56
08550-1018	EA 51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	611.12 101.49	52.17
08550-1019	EA 59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	647.84 107.80	54.42
08550-1020	EA 67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) 08MOD-0335 For Tempered Low-E Insulated Glass, Add	684.56 114.11	57.32
08550-1021	Picture Wood Clad Windows For Horizontal Sliding Windows (08550-0811)		
08550-1022	Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1021) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08550-1023	35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1024	EA 56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	276.86 39.27	40.25
08550-1025	EA 59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	284.18 40.35	41.22
08550-1026	47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1027	EA 47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	284.18 40.35	41.22
08550-1028	EA 71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	344.29 49.28	48.94
08550-1029	53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1030	EA 56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	322.33 46.05	46.05
08550-1031	EA 59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	329.65 47.12	47.02
08550-1032	56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1033	EA 35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	276.86 39.27	40.58
08550-1034	EA 53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	322.33 46.05	46.05
08550-1035	59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1036	EA 35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	284.18 40.35	41.22
08550-1037	EA 53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	329.65 47.12	47.02
08550-1038	EA 59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	344.29 49.28	48.94
08550-1039	EA 65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) 08MOD-0337 For Tempered Clear Insulated Glass, Add	359.71 51.59	50.88

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1040		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1041	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	359.71 51.59	50.88
08550-1042		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08550-1022)		
08550-1043	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>08MOD-0337 For Tempered Clear Insulated Glass, Add</i>	344.29 49.28	48.94
08550-1044		Basement Wood Clad Windows (08550-0001)		
08550-1045		Basement Wood Clad Windows (Andersen 400 Series) (08550-1044) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08550-1046	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	148.77	25.76
08550-1047	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	156.07	25.76
08550-1048	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	162.50	25.76
08550-1049		Accessories For Wood Clad Windows (08550-0001)		
08550-1050		Insect Screens For Wood Clad Windows (08550-1049)		
08550-1051	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	28.78	6.43
08550-1052	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	33.32	6.43
08550-1053	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	35.59	6.43
08550-1054	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	40.14	6.43
08550-1055	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	49.23	6.43
08550-1056	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	53.77	6.43
08550-1057	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	58.32	6.43
08550-1058	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	62.87	6.43
08550-1059	SF	>35 SF, Insect Screen For Wood Clad Windows	1.88	0.13
08550-1060		Factory Installed Grilles For Wood Clad Windows (08550-1049)		
08550-1061		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows (08550-1060)		
08550-1062	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	19.00	
08550-1063	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	28.00	
08550-1064	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	38.00	
08550-1065	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	48.00	
08550-1066	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	68.00	
08550-1067		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08550-1060)		
08550-1068	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	30.40	
08550-1069	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	44.80	
08550-1070	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	60.80	
08550-1071	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	76.80	
08550-1072	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	108.80	
08550-1073		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08550-1060)		
08550-1074	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	36.48	
08550-1075	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	53.76	
08550-1076	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	72.96	
08550-1077	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	92.16	
08550-1078	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	130.56	
08550-1079		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08550-1060)		
08550-1080	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	43.78	
08550-1081	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	64.51	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1082	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	87.55	
08550-1083	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	110.59	
08550-1084	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	156.67	
08550-1085		Sash-Only Replacement Kits For Double Hung Wood Windows (08550) Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles. See CSI section 08550-1049 for accessories for wood windows.		
08550-1086		30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1087	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	216.68	
	08MOD-0383	For Low-E Insulated Glass, Add	19.48	
	08MOD-0384	For Aluminum Clad Exterior, Add	20.87	
08550-1088	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	230.30	
	08MOD-0383	For Low-E Insulated Glass, Add	20.88	
	08MOD-0384	For Aluminum Clad Exterior, Add	22.37	
08550-1089	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	244.91	
	08MOD-0383	For Low-E Insulated Glass, Add	22.42	
	08MOD-0384	For Aluminum Clad Exterior, Add	24.02	
08550-1090	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	252.73	
	08MOD-0383	For Low-E Insulated Glass, Add	23.26	
	08MOD-0384	For Aluminum Clad Exterior, Add	24.93	
08550-1091	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	259.53	
	08MOD-0383	For Low-E Insulated Glass, Add	23.96	
	08MOD-0384	For Aluminum Clad Exterior, Add	25.68	
08550-1092	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	268.35	
	08MOD-0383	For Low-E Insulated Glass, Add	24.95	
	08MOD-0384	For Aluminum Clad Exterior, Add	26.73	
08550-1093	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	272.18	
	08MOD-0383	For Low-E Insulated Glass, Add	25.23	
	08MOD-0384	For Aluminum Clad Exterior, Add	27.03	
08550-1094	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	289.76	
	08MOD-0383	For Low-E Insulated Glass, Add	27.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	29.13	
08550-1095	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	304.38	
	08MOD-0383	For Low-E Insulated Glass, Add	28.73	
	08MOD-0384	For Aluminum Clad Exterior, Add	30.78	
08550-1096		34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1097	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	230.30	
	08MOD-0383	For Low-E Insulated Glass, Add	20.88	
	08MOD-0384	For Aluminum Clad Exterior, Add	22.37	
08550-1098	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	244.91	
	08MOD-0383	For Low-E Insulated Glass, Add	22.42	
	08MOD-0384	For Aluminum Clad Exterior, Add	24.02	
08550-1099	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	257.73	
	08MOD-0383	For Low-E Insulated Glass, Add	23.96	
	08MOD-0384	For Aluminum Clad Exterior, Add	25.68	
08550-1100	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	268.35	
	08MOD-0383	For Low-E Insulated Glass, Add	24.95	
	08MOD-0384	For Aluminum Clad Exterior, Add	26.73	
08550-1101	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	275.15	
	08MOD-0383	For Low-E Insulated Glass, Add	25.65	
	08MOD-0384	For Aluminum Clad Exterior, Add	27.48	
08550-1102	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	282.97	
	08MOD-0383	For Low-E Insulated Glass, Add	26.49	
	08MOD-0384	For Aluminum Clad Exterior, Add	28.38	
08550-1103	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	289.76	
	08MOD-0383	For Low-E Insulated Glass, Add	27.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	29.13	
08550-1104	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	304.38	
	08MOD-0383	For Low-E Insulated Glass, Add	28.73	
	08MOD-0384	For Aluminum Clad Exterior, Add	30.78	
08550-1105	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	319.01	
	08MOD-0383	For Low-E Insulated Glass, Add	30.27	
	08MOD-0384	For Aluminum Clad Exterior, Add	32.43	
08550-1106		36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1107	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	237.21	
	08MOD-0383	For Low-E Insulated Glass, Add	21.72	
	08MOD-0384	For Aluminum Clad Exterior, Add	23.27	
08550-1108	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	251.83	
	08MOD-0383	For Low-E Insulated Glass, Add	23.26	
	08MOD-0384	For Aluminum Clad Exterior, Add	24.93	
08550-1109	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	267.45	
	08MOD-0383	For Low-E Insulated Glass, Add	24.95	
	08MOD-0384	For Aluminum Clad Exterior, Add	26.73	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1110	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	274.24	
	08MOD-0383	For Low-E Insulated Glass, Add	25.65	
	08MOD-0384	For Aluminum Clad Exterior, Add	27.48	
08550-1111	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	282.06	
	08MOD-0383	For Low-E Insulated Glass, Add	26.49	
	08MOD-0384	For Aluminum Clad Exterior, Add	28.38	
08550-1112	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	288.86	
	08MOD-0383	For Low-E Insulated Glass, Add	27.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	29.13	
08550-1113	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	296.68	
	08MOD-0383	For Low-E Insulated Glass, Add	28.03	
	08MOD-0384	For Aluminum Clad Exterior, Add	30.03	
08550-1114	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	310.30	
	08MOD-0383	For Low-E Insulated Glass, Add	29.43	
	08MOD-0384	For Aluminum Clad Exterior, Add	31.53	
08550-1115	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	324.91	
	08MOD-0383	For Low-E Insulated Glass, Add	30.97	
	08MOD-0384	For Aluminum Clad Exterior, Add	33.18	
08550-1116		38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1117	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	245.82	
	08MOD-0383	For Low-E Insulated Glass, Add	22.42	
	08MOD-0384	For Aluminum Clad Exterior, Add	24.02	
08550-1118	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	260.44	
	08MOD-0383	For Low-E Insulated Glass, Add	23.96	
	08MOD-0384	For Aluminum Clad Exterior, Add	25.68	
08550-1119	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	276.05	
	08MOD-0383	For Low-E Insulated Glass, Add	25.65	
	08MOD-0384	For Aluminum Clad Exterior, Add	27.48	
08550-1120	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	283.86	
	08MOD-0383	For Low-E Insulated Glass, Add	26.49	
	08MOD-0384	For Aluminum Clad Exterior, Add	28.38	
08550-1121	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	290.67	
	08MOD-0383	For Low-E Insulated Glass, Add	27.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	29.13	
08550-1122	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	298.48	
	08MOD-0383	For Low-E Insulated Glass, Add	28.03	
	08MOD-0384	For Aluminum Clad Exterior, Add	30.03	
08550-1123	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	305.29	
	08MOD-0383	For Low-E Insulated Glass, Add	28.73	
	08MOD-0384	For Aluminum Clad Exterior, Add	30.78	
08550-1124	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	319.91	
	08MOD-0383	For Low-E Insulated Glass, Add	30.27	
	08MOD-0384	For Aluminum Clad Exterior, Add	32.43	
08550-1125	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	334.53	
	08MOD-0383	For Low-E Insulated Glass, Add	31.81	
	08MOD-0384	For Aluminum Clad Exterior, Add	34.08	
08550-1126		46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1127	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	275.15	
	08MOD-0383	For Low-E Insulated Glass, Add	25.65	
	08MOD-0384	For Aluminum Clad Exterior, Add	27.48	
08550-1128	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	289.76	
	08MOD-0383	For Low-E Insulated Glass, Add	27.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	29.13	
08550-1129	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	304.38	
	08MOD-0383	For Low-E Insulated Glass, Add	28.73	
	08MOD-0384	For Aluminum Clad Exterior, Add	30.78	
08550-1130	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.19	
	08MOD-0383	For Low-E Insulated Glass, Add	29.43	
	08MOD-0384	For Aluminum Clad Exterior, Add	31.53	
08550-1131	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	319.01	
	08MOD-0383	For Low-E Insulated Glass, Add	30.27	
	08MOD-0384	For Aluminum Clad Exterior, Add	32.43	
08550-1132	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	325.81	
	08MOD-0383	For Low-E Insulated Glass, Add	30.97	
	08MOD-0384	For Aluminum Clad Exterior, Add	33.18	
08550-1133	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	333.63	
	08MOD-0383	For Low-E Insulated Glass, Add	31.81	
	08MOD-0384	For Aluminum Clad Exterior, Add	34.08	
08550-1134	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.24	
	08MOD-0383	For Low-E Insulated Glass, Add	33.35	
	08MOD-0384	For Aluminum Clad Exterior, Add	35.74	
08550-1135	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	363.86	
	08MOD-0383	For Low-E Insulated Glass, Add	35.04	
	08MOD-0384	For Aluminum Clad Exterior, Add	37.54	
08550-1136		48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1137	EA 20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	282.06 26.49 28.38	
08550-1138	EA 24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	296.68 28.03 30.03	
08550-1139	EA 28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	310.30 29.43 31.53	
08550-1140	EA 30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	318.10 30.27 32.43	
08550-1141	EA 32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	324.91 30.97 33.18	
08550-1142	EA 34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	332.72 31.81 34.08	
08550-1143	EA 36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	339.53 32.51 34.83	
08550-1144	EA 40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	355.15 34.19 36.64	
08550-1145	EA 44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	369.77 35.74 38.29	
08550-1146	50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08550-1085)</small>		
08550-1147	EA 20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	290.67 27.19 29.13	
08550-1148	EA 24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	305.29 28.73 30.78	
08550-1149	EA 28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	319.91 30.27 32.43	
08550-1150	EA 30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	326.71 30.97 33.18	
08550-1151	EA 32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	334.53 31.81 34.08	
08550-1152	EA 34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	341.33 32.51 34.83	
08550-1153	EA 36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	349.15 33.35 35.74	
08550-1154	EA 40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	364.76 35.04 37.54	
08550-1155	EA 44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	379.38 36.58 39.19	
08550-1156	54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08550-1085)</small>		
08550-1157	EA 20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	305.29 28.73 30.78	
08550-1158	EA 24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	319.91 30.27 32.43	
08550-1159	EA 28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	334.53 31.81 34.08	
08550-1160	EA 30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	341.33 32.51 34.83	
08550-1161	EA 32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	349.15 33.35 35.74	
08550-1162	EA 34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	356.94 34.19 36.64	
08550-1163	EA 36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	364.76 35.04 37.54	
08550-1164	EA 40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	379.38 36.58 39.19	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1165	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	394.00	
	08MOD-0383	For Low-E Insulated Glass, Add	38.12	
	08MOD-0384	For Aluminum Clad Exterior, Add	40.84	
08550-1166		58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1167	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	319.01	
	08MOD-0383	For Low-E Insulated Glass, Add	30.27	
	08MOD-0384	For Aluminum Clad Exterior, Add	32.43	
08550-1168	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	333.63	
	08MOD-0383	For Low-E Insulated Glass, Add	31.81	
	08MOD-0384	For Aluminum Clad Exterior, Add	34.08	
08550-1169	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.24	
	08MOD-0383	For Low-E Insulated Glass, Add	33.35	
	08MOD-0384	For Aluminum Clad Exterior, Add	35.74	
08550-1170	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	356.04	
	08MOD-0383	For Low-E Insulated Glass, Add	34.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	36.64	
08550-1171	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	363.86	
	08MOD-0383	For Low-E Insulated Glass, Add	35.04	
	08MOD-0384	For Aluminum Clad Exterior, Add	37.54	
08550-1172	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	370.67	
	08MOD-0383	For Low-E Insulated Glass, Add	35.74	
	08MOD-0384	For Aluminum Clad Exterior, Add	38.29	
08550-1173	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	378.48	
	08MOD-0383	For Low-E Insulated Glass, Add	36.58	
	08MOD-0384	For Aluminum Clad Exterior, Add	39.19	
08550-1174	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	393.09	
	08MOD-0383	For Low-E Insulated Glass, Add	38.12	
	08MOD-0384	For Aluminum Clad Exterior, Add	40.84	
08550-1175	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	406.71	
	08MOD-0383	For Low-E Insulated Glass, Add	39.52	
	08MOD-0384	For Aluminum Clad Exterior, Add	42.34	
08550-1176		60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1177	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	324.91	
	08MOD-0383	For Low-E Insulated Glass, Add	30.97	
	08MOD-0384	For Aluminum Clad Exterior, Add	33.18	
08550-1178	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	339.53	
	08MOD-0383	For Low-E Insulated Glass, Add	32.51	
	08MOD-0384	For Aluminum Clad Exterior, Add	34.83	
08550-1179	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	355.15	
	08MOD-0383	For Low-E Insulated Glass, Add	34.19	
	08MOD-0384	For Aluminum Clad Exterior, Add	36.64	
08550-1180	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	362.95	
	08MOD-0383	For Low-E Insulated Glass, Add	35.04	
	08MOD-0384	For Aluminum Clad Exterior, Add	37.54	
08550-1181	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	369.77	
	08MOD-0383	For Low-E Insulated Glass, Add	35.74	
	08MOD-0384	For Aluminum Clad Exterior, Add	38.29	
08550-1182	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	377.57	
	08MOD-0383	For Low-E Insulated Glass, Add	36.58	
	08MOD-0384	For Aluminum Clad Exterior, Add	39.19	
08550-1183	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	384.39	
	08MOD-0383	For Low-E Insulated Glass, Add	37.28	
	08MOD-0384	For Aluminum Clad Exterior, Add	39.94	
08550-1184	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	399.01	
	08MOD-0383	For Low-E Insulated Glass, Add	38.82	
	08MOD-0384	For Aluminum Clad Exterior, Add	41.59	
08550-1185	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	413.62	
	08MOD-0383	For Low-E Insulated Glass, Add	40.36	
	08MOD-0384	For Aluminum Clad Exterior, Add	43.24	
08550-1186		62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1187	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	334.53	
	08MOD-0383	For Low-E Insulated Glass, Add	31.81	
	08MOD-0384	For Aluminum Clad Exterior, Add	34.08	
08550-1188	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	349.15	
	08MOD-0383	For Low-E Insulated Glass, Add	33.35	
	08MOD-0384	For Aluminum Clad Exterior, Add	35.74	
08550-1189	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	364.76	
	08MOD-0383	For Low-E Insulated Glass, Add	35.04	
	08MOD-0384	For Aluminum Clad Exterior, Add	37.54	
08550-1190	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	371.57	
	08MOD-0383	For Low-E Insulated Glass, Add	35.74	
	08MOD-0384	For Aluminum Clad Exterior, Add	38.29	
08550-1191	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	379.38	
	08MOD-0383	For Low-E Insulated Glass, Add	36.58	
	08MOD-0384	For Aluminum Clad Exterior, Add	39.19	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1192	EA 34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	386.19 37.28 39.94	
08550-1193	EA 36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	394.00 38.12 40.84	
08550-1194	EA 40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	407.61 39.52 42.34	
08550-1195	EA 44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	422.23 41.06 43.99	
08550-1196	66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows ⁽⁰⁸⁵⁵⁰⁻¹⁰⁸⁵⁾		
08550-1197	EA 20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	349.15 33.35 35.74	
08550-1198	EA 24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	364.76 35.04 37.54	
08550-1199	EA 28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	379.38 36.58 39.19	
08550-1200	EA 30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	386.19 37.28 39.94	
08550-1201	EA 32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	394.00 38.12 40.84	
08550-1202	EA 34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	400.81 38.82 41.59	
08550-1203	EA 36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	407.61 39.52 42.34	
08550-1204	EA 40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	422.23 41.06 43.99	
08550-1205	EA 44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	436.85 42.60 45.65	
08550-1206	70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows ⁽⁰⁸⁵⁵⁰⁻¹⁰⁸⁵⁾		
08550-1207	EA 20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	363.86 35.04 37.54	
08550-1208	EA 24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	378.48 36.58 39.19	
08550-1209	EA 28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	393.09 38.12 40.84	
08550-1210	EA 30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	399.90 38.82 41.59	
08550-1211	EA 32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	406.71 39.52 42.34	
08550-1212	EA 34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	417.49 40.78 43.69	
08550-1213	EA 36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	422.38 41.21 44.15	
08550-1214	EA 40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	435.94 42.60 45.65	
08550-1215	EA 44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	451.57 44.28 47.45	
08550-1216	74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows ⁽⁰⁸⁵⁵⁰⁻¹⁰⁸⁵⁾		
08550-1217	EA 20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	379.38 36.58 39.19	
08550-1218	EA 24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>08MOD-0383 For Low-E Insulated Glass, Add</i> <i>08MOD-0384 For Aluminum Clad Exterior, Add</i>	394.00 38.12 40.84	

08000 Doors And Windows**08500 Windows****08550 Wood Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08550-1219	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	407.61	
		08MOD-0383 For Low-E Insulated Glass, Add	39.52	
		08MOD-0384 For Aluminum Clad Exterior, Add	42.34	
08550-1220	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	415.42	
		08MOD-0383 For Low-E Insulated Glass, Add	40.36	
		08MOD-0384 For Aluminum Clad Exterior, Add	43.24	
08550-1221	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	422.23	
		08MOD-0383 For Low-E Insulated Glass, Add	41.06	
		08MOD-0384 For Aluminum Clad Exterior, Add	43.99	
08550-1222	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	430.04	
		08MOD-0383 For Low-E Insulated Glass, Add	41.90	
		08MOD-0384 For Aluminum Clad Exterior, Add	44.90	
08550-1223	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	436.85	
		08MOD-0383 For Low-E Insulated Glass, Add	42.60	
		08MOD-0384 For Aluminum Clad Exterior, Add	45.65	
08550-1224	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	452.47	
		08MOD-0383 For Low-E Insulated Glass, Add	44.28	
		08MOD-0384 For Aluminum Clad Exterior, Add	47.45	
08550-1225	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	467.09	
		08MOD-0383 For Low-E Insulated Glass, Add	45.83	
		08MOD-0384 For Aluminum Clad Exterior, Add	49.10	
08550-1226		78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows (08550-1085)		
08550-1227	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	397.60	
		08MOD-0383 For Low-E Insulated Glass, Add	38.12	
		08MOD-0384 For Aluminum Clad Exterior, Add	40.84	
08550-1228	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	411.22	
		08MOD-0383 For Low-E Insulated Glass, Add	39.52	
		08MOD-0384 For Aluminum Clad Exterior, Add	42.34	
08550-1229	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	425.84	
		08MOD-0383 For Low-E Insulated Glass, Add	41.06	
		08MOD-0384 For Aluminum Clad Exterior, Add	43.99	
08550-1230	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	433.65	
		08MOD-0383 For Low-E Insulated Glass, Add	41.90	
		08MOD-0384 For Aluminum Clad Exterior, Add	44.90	
08550-1231	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	440.45	
		08MOD-0383 For Low-E Insulated Glass, Add	42.60	
		08MOD-0384 For Aluminum Clad Exterior, Add	45.65	
08550-1232	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	448.26	
		08MOD-0383 For Low-E Insulated Glass, Add	43.44	
		08MOD-0384 For Aluminum Clad Exterior, Add	46.55	
08550-1233	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	456.08	
		08MOD-0383 For Low-E Insulated Glass, Add	44.28	
		08MOD-0384 For Aluminum Clad Exterior, Add	47.45	
08550-1234	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	470.69	
		08MOD-0383 For Low-E Insulated Glass, Add	45.83	
		08MOD-0384 For Aluminum Clad Exterior, Add	49.10	
08550-1235	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	485.30	
		08MOD-0383 For Low-E Insulated Glass, Add	47.37	
		08MOD-0384 For Aluminum Clad Exterior, Add	50.75	
08550-1236		Commercial And Institutional Heavy Double Hung Windows (08550)		
		Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08550-1237	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	59.28	8.05
		08MOD-0124 For Insulating Glass, Add	3.67	
08550-1238	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	56.55	8.95
		08MOD-0124 For Insulating Glass, Add	3.29	
08550-1239	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	54.15	10.04
		08MOD-0124 For Insulating Glass, Add	2.89	
08550-1240		Architectural And Historic Reproduction Wood Windows (08550)		
		Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08550-1241	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	63.83	8.04
		08MOD-0124 For Insulating Glass, Add	4.06	
08550-1242	SF	21 To 40 SF Architectural And Historic Reproduction Wood	59.01	8.95
		08MOD-0124 For Insulating Glass, Add	3.50	
08550-1243	SF	40 SF And Over Architectural And Historic Reproduction Wood	53.55	10.04
		08MOD-0124 For Insulating Glass, Add	2.84	
08550-1244		Removal And Reinstallation Of Wood Window And Frame (08550)		
		Note: Includes storage, cleaning and supply materials.		
08550-1245	SF	Remove And Reinstall Wood Windows And Frames	19.95	

08560 Plastic Windows (08500)**08560-0001 Vinyl Windows (08560)**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0002 Single Hung Vinyl Windows <small>(08560-0001)</small>		
08560-0003 New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0002)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08560-0004 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0005 EA 24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	140.72	29.62
08MOD-0338 For Colored Vinyl, Add	8.15	
08MOD-0339 For Tinted Glass, Add	9.78	
08MOD-0340 For Low-E Insulated Glass, Add	20.37	
08MOD-0341 For Obscure Glass, Add	22.40	
08560-0006 EA 28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	147.84	30.92
08MOD-0338 For Colored Vinyl, Add	8.60	
08MOD-0339 For Tinted Glass, Add	10.32	
08MOD-0340 For Low-E Insulated Glass, Add	21.50	
08MOD-0341 For Obscure Glass, Add	23.65	
08560-0007 EA 30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	150.88	31.56
08MOD-0338 For Colored Vinyl, Add	8.78	
08MOD-0339 For Tinted Glass, Add	10.53	
08MOD-0340 For Low-E Insulated Glass, Add	21.94	
08MOD-0341 For Obscure Glass, Add	24.14	
08560-0008 EA 32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	154.15	32.21
08MOD-0338 For Colored Vinyl, Add	8.98	
08MOD-0339 For Tinted Glass, Add	10.77	
08MOD-0340 For Low-E Insulated Glass, Add	22.44	
08MOD-0341 For Obscure Glass, Add	24.68	
08560-0009 EA 36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	162.28	33.49
08MOD-0338 For Colored Vinyl, Add	9.53	
08MOD-0339 For Tinted Glass, Add	11.44	
08MOD-0340 For Low-E Insulated Glass, Add	23.83	
08MOD-0341 For Obscure Glass, Add	26.21	
08560-0010 EA 44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	175.83	36.07
08MOD-0338 For Colored Vinyl, Add	10.37	
08MOD-0339 For Tinted Glass, Add	12.44	
08MOD-0340 For Low-E Insulated Glass, Add	25.92	
08MOD-0341 For Obscure Glass, Add	28.51	
08560-0011 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0012 EA 24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	143.61	30.27
08MOD-0338 For Colored Vinyl, Add	8.31	
08MOD-0339 For Tinted Glass, Add	9.97	
08MOD-0340 For Low-E Insulated Glass, Add	20.77	
08MOD-0341 For Obscure Glass, Add	22.84	
08560-0013 EA 28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	150.72	30.92
08MOD-0338 For Colored Vinyl, Add	8.76	
08MOD-0339 For Tinted Glass, Add	10.51	
08MOD-0340 For Low-E Insulated Glass, Add	21.90	
08MOD-0341 For Obscure Glass, Add	24.09	
08560-0014 EA 30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	153.76	32.21
08MOD-0338 For Colored Vinyl, Add	8.94	
08MOD-0339 For Tinted Glass, Add	10.72	
08MOD-0340 For Low-E Insulated Glass, Add	22.34	
08MOD-0341 For Obscure Glass, Add	24.57	
08560-0015 EA 32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	157.04	32.84
08MOD-0338 For Colored Vinyl, Add	9.14	
08MOD-0339 For Tinted Glass, Add	10.96	
08MOD-0340 For Low-E Insulated Glass, Add	22.84	
08MOD-0341 For Obscure Glass, Add	25.12	
08560-0016 EA 36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	165.16	34.13
08MOD-0338 For Colored Vinyl, Add	9.69	
08MOD-0339 For Tinted Glass, Add	11.63	
08MOD-0340 For Low-E Insulated Glass, Add	24.23	
08MOD-0341 For Obscure Glass, Add	26.65	
08560-0017 EA 44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	178.71	36.71
08MOD-0338 For Colored Vinyl, Add	10.53	
08MOD-0339 For Tinted Glass, Add	12.63	
08MOD-0340 For Low-E Insulated Glass, Add	26.32	
08MOD-0341 For Obscure Glass, Add	28.95	
08560-0018 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0019 EA 24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	146.42	30.92
08MOD-0338 For Colored Vinyl, Add	8.46	
08MOD-0339 For Tinted Glass, Add	10.15	
08MOD-0340 For Low-E Insulated Glass, Add	21.15	
08MOD-0341 For Obscure Glass, Add	23.26	
08560-0020 EA 28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	153.53	32.21
08MOD-0338 For Colored Vinyl, Add	8.91	
08MOD-0339 For Tinted Glass, Add	10.70	
08MOD-0340 For Low-E Insulated Glass, Add	22.28	
08MOD-0341 For Obscure Glass, Add	24.51	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0021	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	156.68	32.84
		08MOD-0338 For Colored Vinyl, Add	9.10	
		08MOD-0339 For Tinted Glass, Add	10.92	
		08MOD-0340 For Low-E Insulated Glass, Add	22.75	
		08MOD-0341 For Obscure Glass, Add	25.02	
08560-0022	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	159.95	33.49
		08MOD-0338 For Colored Vinyl, Add	9.30	
		08MOD-0339 For Tinted Glass, Add	11.16	
		08MOD-0340 For Low-E Insulated Glass, Add	23.24	
		08MOD-0341 For Obscure Glass, Add	25.57	
08560-0023	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	168.19	34.78
		08MOD-0338 For Colored Vinyl, Add	9.86	
		08MOD-0339 For Tinted Glass, Add	11.84	
		08MOD-0340 For Low-E Insulated Glass, Add	24.66	
		08MOD-0341 For Obscure Glass, Add	27.13	
08560-0024	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	181.89	37.36
		08MOD-0338 For Colored Vinyl, Add	10.72	
		08MOD-0339 For Tinted Glass, Add	12.86	
		08MOD-0340 For Low-E Insulated Glass, Add	26.80	
		08MOD-0341 For Obscure Glass, Add	29.47	
08560-0025		44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0026	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	154.99	32.84
		08MOD-0338 For Colored Vinyl, Add	8.93	
		08MOD-0339 For Tinted Glass, Add	10.72	
		08MOD-0340 For Low-E Insulated Glass, Add	22.33	
		08MOD-0341 For Obscure Glass, Add	24.56	
08560-0027	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	162.10	34.13
		08MOD-0338 For Colored Vinyl, Add	9.38	
		08MOD-0339 For Tinted Glass, Add	11.26	
		08MOD-0340 For Low-E Insulated Glass, Add	23.46	
		08MOD-0341 For Obscure Glass, Add	25.81	
08560-0028	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	165.58	34.78
		08MOD-0338 For Colored Vinyl, Add	9.60	
		08MOD-0339 For Tinted Glass, Add	11.52	
		08MOD-0340 For Low-E Insulated Glass, Add	24.01	
		08MOD-0341 For Obscure Glass, Add	26.41	
08560-0029	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	168.86	35.42
		08MOD-0338 For Colored Vinyl, Add	9.80	
		08MOD-0339 For Tinted Glass, Add	11.76	
		08MOD-0340 For Low-E Insulated Glass, Add	24.50	
		08MOD-0341 For Obscure Glass, Add	26.95	
08560-0030	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	177.43	36.71
		08MOD-0338 For Colored Vinyl, Add	10.40	
		08MOD-0339 For Tinted Glass, Add	12.48	
		08MOD-0340 For Low-E Insulated Glass, Add	26.00	
		08MOD-0341 For Obscure Glass, Add	28.60	
08560-0031	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.55	39.28
		08MOD-0338 For Colored Vinyl, Add	11.30	
		08MOD-0339 For Tinted Glass, Add	13.56	
		08MOD-0340 For Low-E Insulated Glass, Add	28.25	
		08MOD-0341 For Obscure Glass, Add	31.07	
08560-0032		46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0033	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	157.88	33.49
		08MOD-0338 For Colored Vinyl, Add	9.09	
		08MOD-0339 For Tinted Glass, Add	10.91	
		08MOD-0340 For Low-E Insulated Glass, Add	22.73	
		08MOD-0341 For Obscure Glass, Add	25.00	
08560-0034	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	164.99	34.78
		08MOD-0338 For Colored Vinyl, Add	9.54	
		08MOD-0339 For Tinted Glass, Add	11.45	
		08MOD-0340 For Low-E Insulated Glass, Add	23.86	
		08MOD-0341 For Obscure Glass, Add	26.25	
08560-0035	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	168.58	35.42
		08MOD-0338 For Colored Vinyl, Add	9.77	
		08MOD-0339 For Tinted Glass, Add	11.73	
		08MOD-0340 For Low-E Insulated Glass, Add	24.43	
		08MOD-0341 For Obscure Glass, Add	26.88	
08560-0036	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	171.85	36.07
		08MOD-0338 For Colored Vinyl, Add	9.97	
		08MOD-0339 For Tinted Glass, Add	11.97	
		08MOD-0340 For Low-E Insulated Glass, Add	24.93	
		08MOD-0341 For Obscure Glass, Add	27.42	
08560-0037	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	180.52	37.36
		08MOD-0338 For Colored Vinyl, Add	10.58	
		08MOD-0339 For Tinted Glass, Add	12.70	
		08MOD-0340 For Low-E Insulated Glass, Add	26.45	
		08MOD-0341 For Obscure Glass, Add	29.10	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0038	EA 44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	194.80	39.93
	08MOD-0338 For Colored Vinyl, Add	11.49	
	08MOD-0339 For Tinted Glass, Add	13.79	
	08MOD-0340 For Low-E Insulated Glass, Add	28.74	
	08MOD-0341 For Obscure Glass, Add	31.61	
08560-0039	48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0040	EA 24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	160.78	34.13
	08MOD-0338 For Colored Vinyl, Add	9.25	
	08MOD-0339 For Tinted Glass, Add	11.10	
	08MOD-0340 For Low-E Insulated Glass, Add	23.13	
	08MOD-0341 For Obscure Glass, Add	25.44	
08560-0041	EA 28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	167.91	35.42
	08MOD-0338 For Colored Vinyl, Add	9.71	
	08MOD-0339 For Tinted Glass, Add	11.65	
	08MOD-0340 For Low-E Insulated Glass, Add	24.27	
	08MOD-0341 For Obscure Glass, Add	26.69	
08560-0042	EA 30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	171.60	36.07
	08MOD-0338 For Colored Vinyl, Add	9.95	
	08MOD-0339 For Tinted Glass, Add	11.94	
	08MOD-0340 For Low-E Insulated Glass, Add	24.87	
	08MOD-0341 For Obscure Glass, Add	27.35	
08560-0043	EA 32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	174.86	36.71
	08MOD-0338 For Colored Vinyl, Add	10.14	
	08MOD-0339 For Tinted Glass, Add	12.17	
	08MOD-0340 For Low-E Insulated Glass, Add	25.36	
	08MOD-0341 For Obscure Glass, Add	27.90	
08560-0044	EA 36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	183.66	37.99
	08MOD-0338 For Colored Vinyl, Add	10.77	
	08MOD-0339 For Tinted Glass, Add	12.92	
	08MOD-0340 For Low-E Insulated Glass, Add	26.92	
	08MOD-0341 For Obscure Glass, Add	29.61	
08560-0045	EA 44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.07	40.58
	08MOD-0338 For Colored Vinyl, Add	11.69	
	08MOD-0339 For Tinted Glass, Add	14.03	
	08MOD-0340 For Low-E Insulated Glass, Add	29.23	
	08MOD-0341 For Obscure Glass, Add	32.15	
08560-0046	50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0047	EA 24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	163.60	34.78
	08MOD-0338 For Colored Vinyl, Add	9.41	
	08MOD-0339 For Tinted Glass, Add	11.29	
	08MOD-0340 For Low-E Insulated Glass, Add	23.51	
	08MOD-0341 For Obscure Glass, Add	25.86	
08560-0048	EA 28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	170.73	36.07
	08MOD-0338 For Colored Vinyl, Add	9.86	
	08MOD-0339 For Tinted Glass, Add	11.83	
	08MOD-0340 For Low-E Insulated Glass, Add	24.65	
	08MOD-0341 For Obscure Glass, Add	27.11	
08560-0049	EA 30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	174.51	36.71
	08MOD-0338 For Colored Vinyl, Add	10.11	
	08MOD-0339 For Tinted Glass, Add	12.13	
	08MOD-0340 For Low-E Insulated Glass, Add	25.27	
	08MOD-0341 For Obscure Glass, Add	27.80	
08560-0050	EA 32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	177.79	37.36
	08MOD-0338 For Colored Vinyl, Add	10.31	
	08MOD-0339 For Tinted Glass, Add	12.37	
	08MOD-0340 For Low-E Insulated Glass, Add	25.77	
	08MOD-0341 For Obscure Glass, Add	28.35	
08560-0051	EA 36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	186.69	38.64
	08MOD-0338 For Colored Vinyl, Add	10.94	
	08MOD-0339 For Tinted Glass, Add	13.13	
	08MOD-0340 For Low-E Insulated Glass, Add	27.35	
	08MOD-0341 For Obscure Glass, Add	30.09	
08560-0052	EA 44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	201.24	41.22
	08MOD-0338 For Colored Vinyl, Add	11.88	
	08MOD-0339 For Tinted Glass, Add	14.26	
	08MOD-0340 For Low-E Insulated Glass, Add	29.70	
	08MOD-0341 For Obscure Glass, Add	32.67	
08560-0053	52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0054	EA 24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	166.43	35.42
	08MOD-0338 For Colored Vinyl, Add	9.56	
	08MOD-0339 For Tinted Glass, Add	11.47	
	08MOD-0340 For Low-E Insulated Glass, Add	23.90	
	08MOD-0341 For Obscure Glass, Add	26.28	
08560-0055	EA 28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	173.54	36.71
	08MOD-0338 For Colored Vinyl, Add	10.01	
	08MOD-0339 For Tinted Glass, Add	12.01	
	08MOD-0340 For Low-E Insulated Glass, Add	25.03	
	08MOD-0341 For Obscure Glass, Add	27.53	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0056	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	177.45	37.36
	08MOD-0338	For Colored Vinyl, Add	10.27	
	08MOD-0339	For Tinted Glass, Add	12.33	
	08MOD-0340	For Low-E Insulated Glass, Add	25.69	
	08MOD-0341	For Obscure Glass, Add	28.25	
08560-0057	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	180.73	37.99
	08MOD-0338	For Colored Vinyl, Add	10.47	
	08MOD-0339	For Tinted Glass, Add	12.57	
	08MOD-0340	For Low-E Insulated Glass, Add	26.18	
	08MOD-0341	For Obscure Glass, Add	28.80	
08560-0058	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	189.73	39.28
	08MOD-0338	For Colored Vinyl, Add	11.12	
	08MOD-0339	For Tinted Glass, Add	13.34	
	08MOD-0340	For Low-E Insulated Glass, Add	27.79	
	08MOD-0341	For Obscure Glass, Add	30.57	
08560-0059	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	204.42	41.87
	08MOD-0338	For Colored Vinyl, Add	12.07	
	08MOD-0339	For Tinted Glass, Add	14.48	
	08MOD-0340	For Low-E Insulated Glass, Add	30.18	
	08MOD-0341	For Obscure Glass, Add	33.19	
08560-0060		54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0061	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	169.26	36.07
	08MOD-0338	For Colored Vinyl, Add	9.71	
	08MOD-0339	For Tinted Glass, Add	11.65	
	08MOD-0340	For Low-E Insulated Glass, Add	24.28	
	08MOD-0341	For Obscure Glass, Add	26.71	
08560-0062	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	176.37	37.36
	08MOD-0338	For Colored Vinyl, Add	10.17	
	08MOD-0339	For Tinted Glass, Add	12.20	
	08MOD-0340	For Low-E Insulated Glass, Add	25.42	
	08MOD-0341	For Obscure Glass, Add	27.96	
08560-0063	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	180.38	37.99
	08MOD-0338	For Colored Vinyl, Add	10.44	
	08MOD-0339	For Tinted Glass, Add	12.53	
	08MOD-0340	For Low-E Insulated Glass, Add	26.10	
	08MOD-0341	For Obscure Glass, Add	28.70	
08560-0064	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	183.65	38.64
	08MOD-0338	For Colored Vinyl, Add	10.64	
	08MOD-0339	For Tinted Glass, Add	12.76	
	08MOD-0340	For Low-E Insulated Glass, Add	26.59	
	08MOD-0341	For Obscure Glass, Add	29.25	
08560-0065	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.76	39.93
	08MOD-0338	For Colored Vinyl, Add	11.29	
	08MOD-0339	For Tinted Glass, Add	13.55	
	08MOD-0340	For Low-E Insulated Glass, Add	28.23	
	08MOD-0341	For Obscure Glass, Add	31.05	
08560-0066	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	207.59	42.51
	08MOD-0338	For Colored Vinyl, Add	12.26	
	08MOD-0339	For Tinted Glass, Add	14.71	
	08MOD-0340	For Low-E Insulated Glass, Add	30.65	
	08MOD-0341	For Obscure Glass, Add	33.71	
08560-0067		60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0068	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	177.91	37.99
	08MOD-0338	For Colored Vinyl, Add	10.19	
	08MOD-0339	For Tinted Glass, Add	12.23	
	08MOD-0340	For Low-E Insulated Glass, Add	25.48	
	08MOD-0341	For Obscure Glass, Add	28.03	
08560-0069	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	185.02	39.28
	08MOD-0338	For Colored Vinyl, Add	10.65	
	08MOD-0339	For Tinted Glass, Add	12.77	
	08MOD-0340	For Low-E Insulated Glass, Add	26.61	
	08MOD-0341	For Obscure Glass, Add	29.27	
08560-0070	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	189.35	39.93
	08MOD-0338	For Colored Vinyl, Add	10.95	
	08MOD-0339	For Tinted Glass, Add	13.14	
	08MOD-0340	For Low-E Insulated Glass, Add	27.37	
	08MOD-0341	For Obscure Glass, Add	30.11	
08560-0071	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.62	40.58
	08MOD-0338	For Colored Vinyl, Add	11.15	
	08MOD-0339	For Tinted Glass, Add	13.38	
	08MOD-0340	For Low-E Insulated Glass, Add	27.87	
	08MOD-0341	For Obscure Glass, Add	30.65	
08560-0072	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.06	41.87
	08MOD-0338	For Colored Vinyl, Add	11.83	
	08MOD-0339	For Tinted Glass, Add	14.20	
	08MOD-0340	For Low-E Insulated Glass, Add	29.59	
	08MOD-0341	For Obscure Glass, Add	32.54	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0073	EA 44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	217.33	44.44
	08MOD-0338 For Colored Vinyl, Add	12.85	
	08MOD-0339 For Tinted Glass, Add	15.42	
	08MOD-0340 For Low-E Insulated Glass, Add	32.12	
	08MOD-0341 For Obscure Glass, Add	35.33	
08560-0074	62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0075	EA 24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	180.74	38.64
	08MOD-0338 For Colored Vinyl, Add	10.35	
	08MOD-0339 For Tinted Glass, Add	12.41	
	08MOD-0340 For Low-E Insulated Glass, Add	25.86	
	08MOD-0341 For Obscure Glass, Add	28.45	
08560-0076	EA 28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	187.85	39.93
	08MOD-0338 For Colored Vinyl, Add	10.80	
	08MOD-0339 For Tinted Glass, Add	12.96	
	08MOD-0340 For Low-E Insulated Glass, Add	27.00	
	08MOD-0341 For Obscure Glass, Add	29.70	
08560-0077	EA 30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.30	40.58
	08MOD-0338 For Colored Vinyl, Add	11.12	
	08MOD-0339 For Tinted Glass, Add	13.34	
	08MOD-0340 For Low-E Insulated Glass, Add	27.79	
	08MOD-0341 For Obscure Glass, Add	30.57	
08560-0078	EA 32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	195.57	41.22
	08MOD-0338 For Colored Vinyl, Add	11.31	
	08MOD-0339 For Tinted Glass, Add	13.58	
	08MOD-0340 For Low-E Insulated Glass, Add	28.28	
	08MOD-0341 For Obscure Glass, Add	31.11	
08560-0079	EA 36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	205.11	42.51
	08MOD-0338 For Colored Vinyl, Add	12.01	
	08MOD-0339 For Tinted Glass, Add	14.41	
	08MOD-0340 For Low-E Insulated Glass, Add	30.03	
	08MOD-0341 For Obscure Glass, Add	33.03	
08560-0080	EA 44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	220.55	45.08
	08MOD-0338 For Colored Vinyl, Add	13.04	
	08MOD-0339 For Tinted Glass, Add	15.65	
	08MOD-0340 For Low-E Insulated Glass, Add	32.60	
	08MOD-0341 For Obscure Glass, Add	35.85	
08560-0081	66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0082	EA 24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	186.45	39.93
	08MOD-0338 For Colored Vinyl, Add	10.66	
	08MOD-0339 For Tinted Glass, Add	12.79	
	08MOD-0340 For Low-E Insulated Glass, Add	26.65	
	08MOD-0341 For Obscure Glass, Add	29.31	
08560-0083	EA 28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	193.58	41.22
	08MOD-0338 For Colored Vinyl, Add	11.11	
	08MOD-0339 For Tinted Glass, Add	13.34	
	08MOD-0340 For Low-E Insulated Glass, Add	27.79	
	08MOD-0341 For Obscure Glass, Add	30.56	
08560-0084	EA 30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.22	41.87
	08MOD-0338 For Colored Vinyl, Add	11.45	
	08MOD-0339 For Tinted Glass, Add	13.74	
	08MOD-0340 For Low-E Insulated Glass, Add	28.63	
	08MOD-0341 For Obscure Glass, Add	31.49	
08560-0085	EA 32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	201.49	42.51
	08MOD-0338 For Colored Vinyl, Add	11.65	
	08MOD-0339 For Tinted Glass, Add	13.98	
	08MOD-0340 For Low-E Insulated Glass, Add	29.12	
	08MOD-0341 For Obscure Glass, Add	32.03	
08560-0086	EA 36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	211.26	43.79
	08MOD-0338 For Colored Vinyl, Add	12.37	
	08MOD-0339 For Tinted Glass, Add	14.84	
	08MOD-0340 For Low-E Insulated Glass, Add	30.92	
	08MOD-0341 For Obscure Glass, Add	34.01	
08560-0087	EA 44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	226.97	46.37
	08MOD-0338 For Colored Vinyl, Add	13.42	
	08MOD-0339 For Tinted Glass, Add	16.11	
	08MOD-0340 For Low-E Insulated Glass, Add	33.56	
	08MOD-0341 For Obscure Glass, Add	36.91	
08560-0088	72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08560-0003)</small>		
08560-0089	EA 24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	195.11	41.87
	08MOD-0338 For Colored Vinyl, Add	11.14	
	08MOD-0339 For Tinted Glass, Add	13.37	
	08MOD-0340 For Low-E Insulated Glass, Add	27.85	
	08MOD-0341 For Obscure Glass, Add	30.63	
08560-0090	EA 28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.23	43.15
	08MOD-0338 For Colored Vinyl, Add	11.59	
	08MOD-0339 For Tinted Glass, Add	13.91	
	08MOD-0340 For Low-E Insulated Glass, Add	28.98	
	08MOD-0341 For Obscure Glass, Add	31.88	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0091	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.88	43.79
	08MOD-0338		For Colored Vinyl, Add	11.93	
	08MOD-0339		For Tinted Glass, Add	14.32	
	08MOD-0340		For Low-E Insulated Glass, Add	29.83	
	08MOD-0341		For Obscure Glass, Add	32.81	
08560-0092	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	210.15	44.44
	08MOD-0338		For Colored Vinyl, Add	12.13	
	08MOD-0339		For Tinted Glass, Add	14.55	
	08MOD-0340		For Low-E Insulated Glass, Add	30.32	
	08MOD-0341		For Obscure Glass, Add	33.35	
08560-0093	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	219.94	45.73
	08MOD-0338		For Colored Vinyl, Add	12.85	
	08MOD-0339		For Tinted Glass, Add	15.42	
	08MOD-0340		For Low-E Insulated Glass, Add	32.12	
	08MOD-0341		For Obscure Glass, Add	35.33	
08560-0094	EA		44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	235.63	48.30
	08MOD-0338		For Colored Vinyl, Add	13.90	
	08MOD-0339		For Tinted Glass, Add	16.68	
	08MOD-0340		For Low-E Insulated Glass, Add	34.76	
	08MOD-0341		For Obscure Glass, Add	38.23	
08560-0095			Replacement, Single Hung Vinyl Windows (Silver Line 2000) <small>(08560-0002)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08560-0096	EA		Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	198.35	33.81
	08MOD-0342		For Colored Vinyl, Add	13.07	
	08MOD-0343		For Tinted Glass, Add	15.69	
	08MOD-0344		For Low-E Insulated Glass, Add	32.68	
	08MOD-0345		For Obscure Glass, Add	35.95	
08560-0097	EA		>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	217.39	37.04
	08MOD-0342		For Colored Vinyl, Add	14.33	
	08MOD-0343		For Tinted Glass, Add	17.20	
	08MOD-0344		For Low-E Insulated Glass, Add	35.83	
	08MOD-0345		For Obscure Glass, Add	39.42	
08560-0098	EA		>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	235.16	40.25
	08MOD-0342		For Colored Vinyl, Add	15.47	
	08MOD-0343		For Tinted Glass, Add	18.56	
	08MOD-0344		For Low-E Insulated Glass, Add	38.66	
	08MOD-0345		For Obscure Glass, Add	42.53	
08560-0099	EA		>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	248.45	43.47
	08MOD-0342		For Colored Vinyl, Add	16.15	
	08MOD-0343		For Tinted Glass, Add	19.38	
	08MOD-0344		For Low-E Insulated Glass, Add	40.38	
	08MOD-0345		For Obscure Glass, Add	44.41	
08560-0100	EA		>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	262.23	46.70
	08MOD-0342		For Colored Vinyl, Add	16.89	
	08MOD-0343		For Tinted Glass, Add	20.26	
	08MOD-0344		For Low-E Insulated Glass, Add	42.21	
	08MOD-0345		For Obscure Glass, Add	46.43	
08560-0101	EA		>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	284.03	49.91
	08MOD-0342		For Colored Vinyl, Add	18.42	
	08MOD-0343		For Tinted Glass, Add	22.10	
	08MOD-0344		For Low-E Insulated Glass, Add	46.05	
	08MOD-0345		For Obscure Glass, Add	50.66	
08560-0102	UI		>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	2.38	0.42
	08MOD-0342		For Colored Vinyl, Add	0.15	
	08MOD-0343		For Tinted Glass, Add	0.18	
	08MOD-0344		For Low-E Insulated Glass, Add	0.39	
	08MOD-0345		For Obscure Glass, Add	0.42	
08560-0103			Double Hung Vinyl Windows <small>(08560-0001)</small>		
08560-0104			New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08560-0103)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08560-0105			34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
			<small>(08560-0104)</small>		
08560-0106	EA		24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	189.93	29.62
	08MOD-0338		For Colored Vinyl, Add	13.07	
	08MOD-0339		For Tinted Glass, Add	15.68	
	08MOD-0340		For Low-E Insulated Glass, Add	32.67	
	08MOD-0341		For Obscure Glass, Add	35.94	
08560-0107	EA		28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	197.05	30.92
	08MOD-0338		For Colored Vinyl, Add	13.52	
	08MOD-0339		For Tinted Glass, Add	16.23	
	08MOD-0340		For Low-E Insulated Glass, Add	33.81	
	08MOD-0341		For Obscure Glass, Add	37.19	
08560-0108	EA		30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	200.51	31.56
	08MOD-0338		For Colored Vinyl, Add	13.74	
	08MOD-0339		For Tinted Glass, Add	16.49	
	08MOD-0340		For Low-E Insulated Glass, Add	34.35	
	08MOD-0341		For Obscure Glass, Add	37.79	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0109	EA 32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	203.78	32.21
	08MOD-0338 For Colored Vinyl, Add	13.94	
	08MOD-0339 For Tinted Glass, Add	16.73	
	08MOD-0340 For Low-E Insulated Glass, Add	34.85	
	08MOD-0341 For Obscure Glass, Add	38.33	
08560-0110	EA 36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	211.49	33.49
	08MOD-0338 For Colored Vinyl, Add	14.45	
	08MOD-0339 For Tinted Glass, Add	17.34	
	08MOD-0340 For Low-E Insulated Glass, Add	36.13	
	08MOD-0341 For Obscure Glass, Add	39.74	
08560-0111	EA 44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	224.49	36.07
	08MOD-0338 For Colored Vinyl, Add	15.24	
	08MOD-0339 For Tinted Glass, Add	18.28	
	08MOD-0340 For Low-E Insulated Glass, Add	38.09	
	08MOD-0341 For Obscure Glass, Add	41.90	
08560-0112	36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
	<small>(08560-0104)</small>		
08560-0113	EA 24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	192.82	30.27
	08MOD-0338 For Colored Vinyl, Add	13.23	
	08MOD-0339 For Tinted Glass, Add	15.87	
	08MOD-0340 For Low-E Insulated Glass, Add	33.07	
	08MOD-0341 For Obscure Glass, Add	36.38	
08560-0114	EA 28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	199.93	31.56
	08MOD-0338 For Colored Vinyl, Add	13.68	
	08MOD-0339 For Tinted Glass, Add	16.42	
	08MOD-0340 For Low-E Insulated Glass, Add	34.21	
	08MOD-0341 For Obscure Glass, Add	37.63	
08560-0115	EA 30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	203.40	32.21
	08MOD-0338 For Colored Vinyl, Add	13.90	
	08MOD-0339 For Tinted Glass, Add	16.68	
	08MOD-0340 For Low-E Insulated Glass, Add	34.75	
	08MOD-0341 For Obscure Glass, Add	38.23	
08560-0116	EA 32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	206.67	32.84
	08MOD-0338 For Colored Vinyl, Add	14.10	
	08MOD-0339 For Tinted Glass, Add	16.92	
	08MOD-0340 For Low-E Insulated Glass, Add	35.25	
	08MOD-0341 For Obscure Glass, Add	38.77	
08560-0117	EA 36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	214.37	34.13
	08MOD-0338 For Colored Vinyl, Add	14.61	
	08MOD-0339 For Tinted Glass, Add	17.53	
	08MOD-0340 For Low-E Insulated Glass, Add	36.53	
	08MOD-0341 For Obscure Glass, Add	40.18	
08560-0118	EA 44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	227.37	36.71
	08MOD-0338 For Colored Vinyl, Add	15.40	
	08MOD-0339 For Tinted Glass, Add	18.47	
	08MOD-0340 For Low-E Insulated Glass, Add	38.49	
	08MOD-0341 For Obscure Glass, Add	42.34	
08560-0119	38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
	<small>(08560-0104)</small>		
08560-0120	EA 24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	195.48	30.92
	08MOD-0338 For Colored Vinyl, Add	13.37	
	08MOD-0339 For Tinted Glass, Add	16.04	
	08MOD-0340 For Low-E Insulated Glass, Add	33.41	
	08MOD-0341 For Obscure Glass, Add	36.75	
08560-0121	EA 28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	202.59	32.21
	08MOD-0338 For Colored Vinyl, Add	13.82	
	08MOD-0339 For Tinted Glass, Add	16.58	
	08MOD-0340 For Low-E Insulated Glass, Add	34.55	
	08MOD-0341 For Obscure Glass, Add	38.00	
08560-0122	EA 30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	206.15	32.84
	08MOD-0338 For Colored Vinyl, Add	14.05	
	08MOD-0339 For Tinted Glass, Add	16.86	
	08MOD-0340 For Low-E Insulated Glass, Add	35.12	
	08MOD-0341 For Obscure Glass, Add	38.63	
08560-0123	EA 32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	209.42	33.49
	08MOD-0338 For Colored Vinyl, Add	14.24	
	08MOD-0339 For Tinted Glass, Add	17.09	
	08MOD-0340 For Low-E Insulated Glass, Add	35.61	
	08MOD-0341 For Obscure Glass, Add	39.17	
08560-0124	EA 36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	217.25	34.78
	08MOD-0338 For Colored Vinyl, Add	14.77	
	08MOD-0339 For Tinted Glass, Add	17.72	
	08MOD-0340 For Low-E Insulated Glass, Add	36.93	
	08MOD-0341 For Obscure Glass, Add	40.62	
08560-0125	EA 44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	230.37	37.36
	08MOD-0338 For Colored Vinyl, Add	15.57	
	08MOD-0339 For Tinted Glass, Add	18.68	
	08MOD-0340 For Low-E Insulated Glass, Add	38.92	
	08MOD-0341 For Obscure Glass, Add	42.81	
08560-0126	44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
	<small>(08560-0104)</small>		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0127	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	204.32	32.84
	08MOD-0338	For Colored Vinyl, Add	13.86	
	08MOD-0339	For Tinted Glass, Add	16.64	
	08MOD-0340	For Low-E Insulated Glass, Add	34.66	
	08MOD-0341	For Obscure Glass, Add	38.12	
08560-0128	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	217.43	34.13
	08MOD-0338	For Colored Vinyl, Add	14.32	
	08MOD-0339	For Tinted Glass, Add	17.18	
	08MOD-0340	For Low-E Insulated Glass, Add	35.79	
	08MOD-0341	For Obscure Glass, Add	39.37	
08560-0129	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	214.46	34.78
	08MOD-0338	For Colored Vinyl, Add	14.49	
	08MOD-0339	For Tinted Glass, Add	17.39	
	08MOD-0340	For Low-E Insulated Glass, Add	36.23	
	08MOD-0341	For Obscure Glass, Add	39.85	
08560-0130	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	217.74	35.42
	08MOD-0338	For Colored Vinyl, Add	14.69	
	08MOD-0339	For Tinted Glass, Add	17.63	
	08MOD-0340	For Low-E Insulated Glass, Add	36.72	
	08MOD-0341	For Obscure Glass, Add	40.39	
08560-0131	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	225.85	36.71
	08MOD-0338	For Colored Vinyl, Add	15.24	
	08MOD-0339	For Tinted Glass, Add	18.29	
	08MOD-0340	For Low-E Insulated Glass, Add	38.11	
	08MOD-0341	For Obscure Glass, Add	41.92	
08560-0132	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	239.61	39.28
	08MOD-0338	For Colored Vinyl, Add	16.10	
	08MOD-0339	For Tinted Glass, Add	19.32	
	08MOD-0340	For Low-E Insulated Glass, Add	40.26	
	08MOD-0341	For Obscure Glass, Add	44.29	
08560-0133		46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
		<small>(08560-0104)</small>		
08560-0134	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	206.96	33.49
	08MOD-0338	For Colored Vinyl, Add	14.00	
	08MOD-0339	For Tinted Glass, Add	16.80	
	08MOD-0340	For Low-E Insulated Glass, Add	35.00	
	08MOD-0341	For Obscure Glass, Add	38.49	
08560-0135	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	214.07	34.78
	08MOD-0338	For Colored Vinyl, Add	14.45	
	08MOD-0339	For Tinted Glass, Add	17.34	
	08MOD-0340	For Low-E Insulated Glass, Add	36.13	
	08MOD-0341	For Obscure Glass, Add	39.74	
08560-0136	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	217.25	35.42
	08MOD-0338	For Colored Vinyl, Add	14.64	
	08MOD-0339	For Tinted Glass, Add	17.57	
	08MOD-0340	For Low-E Insulated Glass, Add	36.60	
	08MOD-0341	For Obscure Glass, Add	40.26	
08560-0137	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	220.53	36.07
	08MOD-0338	For Colored Vinyl, Add	14.84	
	08MOD-0339	For Tinted Glass, Add	17.81	
	08MOD-0340	For Low-E Insulated Glass, Add	37.10	
	08MOD-0341	For Obscure Glass, Add	40.81	
08560-0138	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	228.72	37.36
	08MOD-0338	For Colored Vinyl, Add	15.40	
	08MOD-0339	For Tinted Glass, Add	18.48	
	08MOD-0340	For Low-E Insulated Glass, Add	38.50	
	08MOD-0341	For Obscure Glass, Add	42.35	
08560-0139	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	242.87	39.93
	08MOD-0338	For Colored Vinyl, Add	16.30	
	08MOD-0339	For Tinted Glass, Add	19.56	
	08MOD-0340	For Low-E Insulated Glass, Add	40.75	
	08MOD-0341	For Obscure Glass, Add	44.83	
08560-0140		48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
		<small>(08560-0104)</small>		
08560-0141	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	209.62	34.13
	08MOD-0338	For Colored Vinyl, Add	14.14	
	08MOD-0339	For Tinted Glass, Add	16.96	
	08MOD-0340	For Low-E Insulated Glass, Add	35.34	
	08MOD-0341	For Obscure Glass, Add	38.87	
08560-0142	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	216.75	35.42
	08MOD-0338	For Colored Vinyl, Add	14.59	
	08MOD-0339	For Tinted Glass, Add	17.51	
	08MOD-0340	For Low-E Insulated Glass, Add	36.48	
	08MOD-0341	For Obscure Glass, Add	40.12	
08560-0143	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	220.00	36.07
	08MOD-0338	For Colored Vinyl, Add	14.79	
	08MOD-0339	For Tinted Glass, Add	17.74	
	08MOD-0340	For Low-E Insulated Glass, Add	36.97	
	08MOD-0341	For Obscure Glass, Add	40.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0144 EA 32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	223.26	36.71
08MOD-0338 For Colored Vinyl, Add	14.98	
08MOD-0339 For Tinted Glass, Add	17.98	
08MOD-0340 For Low-E Insulated Glass, Add	37.46	
08MOD-0341 For Obscure Glass, Add	41.21	
08560-0145 EA 36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	231.60	37.99
08MOD-0338 For Colored Vinyl, Add	15.56	
08MOD-0339 For Tinted Glass, Add	18.67	
08MOD-0340 For Low-E Insulated Glass, Add	38.90	
08MOD-0341 For Obscure Glass, Add	42.79	
08560-0146 EA 44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	246.08	40.58
08MOD-0338 For Colored Vinyl, Add	16.49	
08MOD-0339 For Tinted Glass, Add	19.79	
08MOD-0340 For Low-E Insulated Glass, Add	41.23	
08MOD-0341 For Obscure Glass, Add	45.36	
08560-0147 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08560-0104)</small>		
08560-0148 EA 24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	212.27	34.78
08MOD-0338 For Colored Vinyl, Add	14.27	
08MOD-0339 For Tinted Glass, Add	17.13	
08MOD-0340 For Low-E Insulated Glass, Add	35.68	
08MOD-0341 For Obscure Glass, Add	39.25	
08560-0149 EA 28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	219.40	36.07
08MOD-0338 For Colored Vinyl, Add	14.73	
08MOD-0339 For Tinted Glass, Add	17.67	
08MOD-0340 For Low-E Insulated Glass, Add	36.82	
08MOD-0341 For Obscure Glass, Add	40.50	
08560-0150 EA 30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	222.77	36.71
08MOD-0338 For Colored Vinyl, Add	14.94	
08MOD-0339 For Tinted Glass, Add	17.92	
08MOD-0340 For Low-E Insulated Glass, Add	37.34	
08MOD-0341 For Obscure Glass, Add	41.07	
08560-0151 EA 32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	226.04	37.36
08MOD-0338 For Colored Vinyl, Add	15.13	
08MOD-0339 For Tinted Glass, Add	18.16	
08MOD-0340 For Low-E Insulated Glass, Add	37.83	
08MOD-0341 For Obscure Glass, Add	41.62	
08560-0152 EA 36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	234.48	38.64
08MOD-0338 For Colored Vinyl, Add	15.72	
08MOD-0339 For Tinted Glass, Add	18.86	
08MOD-0340 For Low-E Insulated Glass, Add	39.30	
08MOD-0341 For Obscure Glass, Add	43.23	
08560-0153 EA 44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	249.32	41.22
08MOD-0338 For Colored Vinyl, Add	16.69	
08MOD-0339 For Tinted Glass, Add	20.03	
08MOD-0340 For Low-E Insulated Glass, Add	41.72	
08MOD-0341 For Obscure Glass, Add	45.89	
08560-0154 52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08560-0104)</small>		
08560-0155 EA 24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	214.94	35.42
08MOD-0338 For Colored Vinyl, Add	14.41	
08MOD-0339 For Tinted Glass, Add	17.29	
08MOD-0340 For Low-E Insulated Glass, Add	36.02	
08MOD-0341 For Obscure Glass, Add	39.62	
08560-0156 EA 28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	222.05	36.71
08MOD-0338 For Colored Vinyl, Add	14.86	
08MOD-0339 For Tinted Glass, Add	17.84	
08MOD-0340 For Low-E Insulated Glass, Add	37.16	
08MOD-0341 For Obscure Glass, Add	40.87	
08560-0157 EA 30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	225.51	37.36
08MOD-0338 For Colored Vinyl, Add	15.08	
08MOD-0339 For Tinted Glass, Add	18.10	
08MOD-0340 For Low-E Insulated Glass, Add	37.70	
08MOD-0341 For Obscure Glass, Add	41.47	
08560-0158 EA 32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	228.79	37.99
08MOD-0338 For Colored Vinyl, Add	15.28	
08MOD-0339 For Tinted Glass, Add	18.33	
08MOD-0340 For Low-E Insulated Glass, Add	38.20	
08MOD-0341 For Obscure Glass, Add	42.02	
08560-0159 EA 36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	237.56	39.28
08MOD-0338 For Colored Vinyl, Add	15.90	
08MOD-0339 For Tinted Glass, Add	19.08	
08MOD-0340 For Low-E Insulated Glass, Add	39.75	
08MOD-0341 For Obscure Glass, Add	43.72	
08560-0160 EA 44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	252.51	41.87
08MOD-0338 For Colored Vinyl, Add	16.88	
08MOD-0339 For Tinted Glass, Add	20.25	
08MOD-0340 For Low-E Insulated Glass, Add	42.20	
08MOD-0341 For Obscure Glass, Add	46.42	
08560-0161 54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08560-0104)</small>		

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0162	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	217.61	36.07
	08MOD-0338	For Colored Vinyl, Add	14.55	
	08MOD-0339	For Tinted Glass, Add	17.46	
	08MOD-0340	For Low-E Insulated Glass, Add	36.37	
	08MOD-0341	For Obscure Glass, Add	40.00	
08560-0163	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	224.72	37.36
	08MOD-0338	For Colored Vinyl, Add	15.00	
	08MOD-0339	For Tinted Glass, Add	18.00	
	08MOD-0340	For Low-E Insulated Glass, Add	37.50	
	08MOD-0341	For Obscure Glass, Add	41.25	
08560-0164	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	228.30	37.99
	08MOD-0338	For Colored Vinyl, Add	15.23	
	08MOD-0339	For Tinted Glass, Add	18.28	
	08MOD-0340	For Low-E Insulated Glass, Add	38.08	
	08MOD-0341	For Obscure Glass, Add	41.88	
08560-0165	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	231.57	38.64
	08MOD-0338	For Colored Vinyl, Add	15.43	
	08MOD-0339	For Tinted Glass, Add	18.51	
	08MOD-0340	For Low-E Insulated Glass, Add	38.57	
	08MOD-0341	For Obscure Glass, Add	42.43	
08560-0166	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	240.65	39.93
	08MOD-0338	For Colored Vinyl, Add	16.08	
	08MOD-0339	For Tinted Glass, Add	19.29	
	08MOD-0340	For Low-E Insulated Glass, Add	40.20	
	08MOD-0341	For Obscure Glass, Add	44.22	
08560-0167	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	255.72	42.51
	08MOD-0338	For Colored Vinyl, Add	17.07	
	08MOD-0339	For Tinted Glass, Add	20.49	
	08MOD-0340	For Low-E Insulated Glass, Add	42.68	
	08MOD-0341	For Obscure Glass, Add	46.95	
08560-0168		60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
		<small>(08560-0104)</small>		
08560-0169	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	225.60	37.99
	08MOD-0338	For Colored Vinyl, Add	14.96	
	08MOD-0339	For Tinted Glass, Add	17.95	
	08MOD-0340	For Low-E Insulated Glass, Add	37.40	
	08MOD-0341	For Obscure Glass, Add	41.14	
08560-0170	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	232.71	39.28
	08MOD-0338	For Colored Vinyl, Add	15.41	
	08MOD-0339	For Tinted Glass, Add	18.50	
	08MOD-0340	For Low-E Insulated Glass, Add	38.54	
	08MOD-0341	For Obscure Glass, Add	42.39	
08560-0171	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	237.05	39.93
	08MOD-0338	For Colored Vinyl, Add	15.72	
	08MOD-0339	For Tinted Glass, Add	18.86	
	08MOD-0340	For Low-E Insulated Glass, Add	39.30	
	08MOD-0341	For Obscure Glass, Add	43.23	
08560-0172	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	240.32	40.58
	08MOD-0338	For Colored Vinyl, Add	15.92	
	08MOD-0339	For Tinted Glass, Add	19.10	
	08MOD-0340	For Low-E Insulated Glass, Add	39.79	
	08MOD-0341	For Obscure Glass, Add	43.77	
08560-0173	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	249.89	41.87
	08MOD-0338	For Colored Vinyl, Add	16.62	
	08MOD-0339	For Tinted Glass, Add	19.94	
	08MOD-0340	For Low-E Insulated Glass, Add	41.54	
	08MOD-0341	For Obscure Glass, Add	45.70	
08560-0174	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	265.36	44.44
	08MOD-0338	For Colored Vinyl, Add	17.65	
	08MOD-0339	For Tinted Glass, Add	21.18	
	08MOD-0340	For Low-E Insulated Glass, Add	44.12	
	08MOD-0341	For Obscure Glass, Add	48.53	
08560-0175		62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
		<small>(08560-0104)</small>		
08560-0176	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	228.26	38.64
	08MOD-0338	For Colored Vinyl, Add	15.10	
	08MOD-0339	For Tinted Glass, Add	18.12	
	08MOD-0340	For Low-E Insulated Glass, Add	37.74	
	08MOD-0341	For Obscure Glass, Add	41.52	
08560-0177	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	235.37	39.93
	08MOD-0338	For Colored Vinyl, Add	15.55	
	08MOD-0339	For Tinted Glass, Add	18.66	
	08MOD-0340	For Low-E Insulated Glass, Add	38.88	
	08MOD-0341	For Obscure Glass, Add	42.77	
08560-0178	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	240.01	40.58
	08MOD-0338	For Colored Vinyl, Add	15.89	
	08MOD-0339	For Tinted Glass, Add	19.06	
	08MOD-0340	For Low-E Insulated Glass, Add	39.72	
	08MOD-0341	For Obscure Glass, Add	43.69	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0179	EA 32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	243.29	41.22
	08MOD-0338 For Colored Vinyl, Add	16.09	
	08MOD-0339 For Tinted Glass, Add	19.30	
	08MOD-0340 For Low-E Insulated Glass, Add	40.21	
	08MOD-0341 For Obscure Glass, Add	44.23	
08560-0180	EA 36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	252.95	42.51
	08MOD-0338 For Colored Vinyl, Add	16.79	
	08MOD-0339 For Tinted Glass, Add	20.15	
	08MOD-0340 For Low-E Insulated Glass, Add	41.99	
	08MOD-0341 For Obscure Glass, Add	46.18	
08560-0181	EA 44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	268.83	45.08
	08MOD-0338 For Colored Vinyl, Add	17.87	
	08MOD-0339 For Tinted Glass, Add	21.44	
	08MOD-0340 For Low-E Insulated Glass, Add	44.67	
	08MOD-0341 For Obscure Glass, Add	49.13	
08560-0182	66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
	<small>(08560-0104)</small>		
08560-0183	EA 24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	234.03	39.93
	08MOD-0338 For Colored Vinyl, Add	15.42	
	08MOD-0339 For Tinted Glass, Add	18.50	
	08MOD-0340 For Low-E Insulated Glass, Add	38.54	
	08MOD-0341 For Obscure Glass, Add	42.40	
08560-0184	EA 28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	241.15	41.22
	08MOD-0338 For Colored Vinyl, Add	15.87	
	08MOD-0339 For Tinted Glass, Add	19.05	
	08MOD-0340 For Low-E Insulated Glass, Add	39.68	
	08MOD-0341 For Obscure Glass, Add	43.65	
08560-0185	EA 30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	245.95	41.87
	08MOD-0338 For Colored Vinyl, Add	16.22	
	08MOD-0339 For Tinted Glass, Add	19.47	
	08MOD-0340 For Low-E Insulated Glass, Add	40.56	
	08MOD-0341 For Obscure Glass, Add	44.61	
08560-0186	EA 32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	249.22	42.51
	08MOD-0338 For Colored Vinyl, Add	16.42	
	08MOD-0339 For Tinted Glass, Add	19.71	
	08MOD-0340 For Low-E Insulated Glass, Add	41.05	
	08MOD-0341 For Obscure Glass, Add	45.16	
08560-0187	EA 36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	259.13	43.79
	08MOD-0338 For Colored Vinyl, Add	17.16	
	08MOD-0339 For Tinted Glass, Add	20.59	
	08MOD-0340 For Low-E Insulated Glass, Add	42.89	
	08MOD-0341 For Obscure Glass, Add	47.18	
08560-0188	EA 44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	275.55	46.37
	08MOD-0338 For Colored Vinyl, Add	18.28	
	08MOD-0339 For Tinted Glass, Add	21.94	
	08MOD-0340 For Low-E Insulated Glass, Add	45.70	
	08MOD-0341 For Obscure Glass, Add	50.27	
08560-0189	72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)		
	<small>(08560-0104)</small>		
08560-0190	EA 24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	242.68	41.87
	08MOD-0338 For Colored Vinyl, Add	15.90	
	08MOD-0339 For Tinted Glass, Add	19.08	
	08MOD-0340 For Low-E Insulated Glass, Add	39.74	
	08MOD-0341 For Obscure Glass, Add	43.71	
08560-0191	EA 28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	249.81	43.15
	08MOD-0338 For Colored Vinyl, Add	16.35	
	08MOD-0339 For Tinted Glass, Add	19.62	
	08MOD-0340 For Low-E Insulated Glass, Add	40.88	
	08MOD-0341 For Obscure Glass, Add	44.97	
08560-0192	EA 30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	254.60	43.79
	08MOD-0338 For Colored Vinyl, Add	16.70	
	08MOD-0339 For Tinted Glass, Add	20.04	
	08MOD-0340 For Low-E Insulated Glass, Add	41.76	
	08MOD-0341 For Obscure Glass, Add	45.93	
08560-0193	EA 32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	257.88	44.44
	08MOD-0338 For Colored Vinyl, Add	16.90	
	08MOD-0339 For Tinted Glass, Add	20.28	
	08MOD-0340 For Low-E Insulated Glass, Add	42.25	
	08MOD-0341 For Obscure Glass, Add	46.48	
08560-0194	EA 36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	267.81	45.73
	08MOD-0338 For Colored Vinyl, Add	17.64	
	08MOD-0339 For Tinted Glass, Add	21.16	
	08MOD-0340 For Low-E Insulated Glass, Add	44.09	
	08MOD-0341 For Obscure Glass, Add	48.50	
08560-0195	EA 44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	284.22	48.30
	08MOD-0338 For Colored Vinyl, Add	18.76	
	08MOD-0339 For Tinted Glass, Add	22.51	
	08MOD-0340 For Low-E Insulated Glass, Add	46.90	
	08MOD-0341 For Obscure Glass, Add	51.59	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0196		Replacement, Double Hung Vinyl Windows (Silver Line 8500) <small>(08560-0103)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08560-0197	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	231.04	33.81
	08MOD-0342	For Colored Vinyl, Add	16.34	
	08MOD-0343	For Tinted Glass, Add	19.61	
	08MOD-0344	For Low-E Insulated Glass, Add	40.86	
	08MOD-0345	For Obscure Glass, Add	44.94	
08560-0198	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	254.55	37.04
	08MOD-0342	For Colored Vinyl, Add	18.05	
	08MOD-0343	For Tinted Glass, Add	21.66	
	08MOD-0344	For Low-E Insulated Glass, Add	45.12	
	08MOD-0345	For Obscure Glass, Add	49.63	
08560-0199	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	276.80	40.25
	08MOD-0342	For Colored Vinyl, Add	19.63	
	08MOD-0343	For Tinted Glass, Add	23.55	
	08MOD-0344	For Low-E Insulated Glass, Add	49.07	
	08MOD-0345	For Obscure Glass, Add	53.98	
08560-0200	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	293.67	43.47
	08MOD-0342	For Colored Vinyl, Add	20.67	
	08MOD-0343	For Tinted Glass, Add	24.81	
	08MOD-0344	For Low-E Insulated Glass, Add	51.68	
	08MOD-0345	For Obscure Glass, Add	56.85	
08560-0201	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	311.48	46.70
	08MOD-0342	For Colored Vinyl, Add	21.81	
	08MOD-0343	For Tinted Glass, Add	26.17	
	08MOD-0344	For Low-E Insulated Glass, Add	54.53	
	08MOD-0345	For Obscure Glass, Add	59.98	
08560-0202	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	337.76	49.91
	08MOD-0342	For Colored Vinyl, Add	23.79	
	08MOD-0343	For Tinted Glass, Add	28.55	
	08MOD-0344	For Low-E Insulated Glass, Add	59.48	
	08MOD-0345	For Obscure Glass, Add	65.43	
08560-0203	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	2.82	0.42
	08MOD-0342	For Colored Vinyl, Add	0.20	
	08MOD-0343	For Tinted Glass, Add	0.24	
	08MOD-0344	For Low-E Insulated Glass, Add	0.50	
	08MOD-0345	For Obscure Glass, Add	0.54	
08560-0204		Casement Vinyl Windows <small>(08560-0001)</small>		
08560-0205		New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0204)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08560-0206		One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0205)</small>		
08560-0207		24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0206)</small>		
08560-0208	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	171.43	24.47
	08MOD-0338	For Colored Vinyl, Add	12.31	
	08MOD-0339	For Tinted Glass, Add	14.78	
	08MOD-0340	For Low-E Insulated Glass, Add	30.78	
	08MOD-0341	For Obscure Glass, Add	33.86	
08560-0209	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	177.53	25.12
	08MOD-0338	For Colored Vinyl, Add	12.73	
	08MOD-0339	For Tinted Glass, Add	15.27	
	08MOD-0340	For Low-E Insulated Glass, Add	31.82	
	08MOD-0341	For Obscure Glass, Add	35.00	
08560-0210	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	184.26	26.41
	08MOD-0338	For Colored Vinyl, Add	13.15	
	08MOD-0339	For Tinted Glass, Add	15.77	
	08MOD-0340	For Low-E Insulated Glass, Add	32.86	
	08MOD-0341	For Obscure Glass, Add	36.15	
08560-0211	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	195.58	27.69
	08MOD-0338	For Colored Vinyl, Add	14.02	
	08MOD-0339	For Tinted Glass, Add	16.82	
	08MOD-0340	For Low-E Insulated Glass, Add	35.05	
	08MOD-0341	For Obscure Glass, Add	38.55	
08560-0212		28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0206)</small>		
08560-0213	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	181.75	25.76
	08MOD-0338	For Colored Vinyl, Add	13.09	
	08MOD-0339	For Tinted Glass, Add	15.70	
	08MOD-0340	For Low-E Insulated Glass, Add	32.72	
	08MOD-0341	For Obscure Glass, Add	35.99	
08560-0214	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	188.31	26.41
	08MOD-0338	For Colored Vinyl, Add	13.55	
	08MOD-0339	For Tinted Glass, Add	16.26	
	08MOD-0340	For Low-E Insulated Glass, Add	33.88	
	08MOD-0341	For Obscure Glass, Add	37.26	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0215	EA 24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	195.51	27.69
	08MOD-0338 For Colored Vinyl, Add	14.01	
	08MOD-0339 For Tinted Glass, Add	16.81	
	08MOD-0340 For Low-E Insulated Glass, Add	35.03	
	08MOD-0341 For Obscure Glass, Add	38.53	
08560-0216	EA 28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	207.38	28.98
	08MOD-0338 For Colored Vinyl, Add	14.94	
	08MOD-0339 For Tinted Glass, Add	17.93	
	08MOD-0340 For Low-E Insulated Glass, Add	37.36	
	08MOD-0341 For Obscure Glass, Add	41.09	
08560-0217	36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0218	EA 17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	194.58	27.69
	08MOD-0338 For Colored Vinyl, Add	13.92	
	08MOD-0339 For Tinted Glass, Add	16.70	
	08MOD-0340 For Low-E Insulated Glass, Add	34.80	
	08MOD-0341 For Obscure Glass, Add	38.28	
08560-0219	EA 20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	201.37	28.98
	08MOD-0338 For Colored Vinyl, Add	14.41	
	08MOD-0339 For Tinted Glass, Add	17.29	
	08MOD-0340 For Low-E Insulated Glass, Add	36.01	
	08MOD-0341 For Obscure Glass, Add	39.61	
08560-0220	EA 24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	208.82	29.95
	08MOD-0338 For Colored Vinyl, Add	14.89	
	08MOD-0339 For Tinted Glass, Add	17.87	
	08MOD-0340 For Low-E Insulated Glass, Add	37.23	
	08MOD-0341 For Obscure Glass, Add	40.95	
08560-0221	EA 28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	221.15	31.24
	08MOD-0338 For Colored Vinyl, Add	15.87	
	08MOD-0339 For Tinted Glass, Add	19.04	
	08MOD-0340 For Low-E Insulated Glass, Add	39.67	
	08MOD-0341 For Obscure Glass, Add	43.63	
08560-0222	40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0223	EA 17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	205.81	29.62
	08MOD-0338 For Colored Vinyl, Add	14.72	
	08MOD-0339 For Tinted Glass, Add	17.67	
	08MOD-0340 For Low-E Insulated Glass, Add	36.80	
	08MOD-0341 For Obscure Glass, Add	40.48	
08560-0224	EA 20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	212.94	30.27
	08MOD-0338 For Colored Vinyl, Add	15.24	
	08MOD-0339 For Tinted Glass, Add	18.29	
	08MOD-0340 For Low-E Insulated Glass, Add	38.10	
	08MOD-0341 For Obscure Glass, Add	41.91	
08560-0225	EA 24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	220.71	31.56
	08MOD-0338 For Colored Vinyl, Add	15.76	
	08MOD-0339 For Tinted Glass, Add	18.91	
	08MOD-0340 For Low-E Insulated Glass, Add	39.40	
	08MOD-0341 For Obscure Glass, Add	43.34	
08560-0226	EA 28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	233.95	32.84
	08MOD-0338 For Colored Vinyl, Add	16.83	
	08MOD-0339 For Tinted Glass, Add	20.19	
	08MOD-0340 For Low-E Insulated Glass, Add	42.07	
	08MOD-0341 For Obscure Glass, Add	46.27	
08560-0227	48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0228	EA 17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	219.07	32.21
	08MOD-0338 For Colored Vinyl, Add	15.53	
	08MOD-0339 For Tinted Glass, Add	18.64	
	08MOD-0340 For Low-E Insulated Glass, Add	38.83	
	08MOD-0341 For Obscure Glass, Add	42.71	
08560-0229	EA 20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	226.47	32.84
	08MOD-0338 For Colored Vinyl, Add	16.08	
	08MOD-0339 For Tinted Glass, Add	19.29	
	08MOD-0340 For Low-E Insulated Glass, Add	40.20	
	08MOD-0341 For Obscure Glass, Add	44.21	
08560-0230	EA 24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	234.53	34.13
	08MOD-0338 For Colored Vinyl, Add	16.63	
	08MOD-0339 For Tinted Glass, Add	19.95	
	08MOD-0340 For Low-E Insulated Glass, Add	41.57	
	08MOD-0341 For Obscure Glass, Add	45.72	
08560-0231	EA 28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	249.00	35.42
	08MOD-0338 For Colored Vinyl, Add	17.82	
	08MOD-0339 For Tinted Glass, Add	21.38	
	08MOD-0340 For Low-E Insulated Glass, Add	44.54	
	08MOD-0341 For Obscure Glass, Add	48.99	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0232 52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0233 EA 17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	229.71	33.49
08MOD-0338 For Colored Vinyl, Add	16.34	
08MOD-0339 For Tinted Glass, Add	19.60	
08MOD-0340 For Low-E Insulated Glass, Add	40.84	
08MOD-0341 For Obscure Glass, Add	44.93	
08560-0234 EA 20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	237.48	34.13
08MOD-0338 For Colored Vinyl, Add	16.92	
08MOD-0339 For Tinted Glass, Add	20.31	
08MOD-0340 For Low-E Insulated Glass, Add	42.31	
08MOD-0341 For Obscure Glass, Add	46.54	
08560-0235 EA 24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	245.92	35.42
08MOD-0338 For Colored Vinyl, Add	17.51	
08MOD-0339 For Tinted Glass, Add	21.01	
08MOD-0340 For Low-E Insulated Glass, Add	43.77	
08MOD-0341 For Obscure Glass, Add	48.14	
08560-0236 EA 28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	260.60	36.71
08MOD-0338 For Colored Vinyl, Add	18.72	
08MOD-0339 For Tinted Glass, Add	22.46	
08MOD-0340 For Low-E Insulated Glass, Add	46.80	
08MOD-0341 For Obscure Glass, Add	51.47	
08560-0237 60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0238 EA 17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	242.27	35.42
08MOD-0338 For Colored Vinyl, Add	17.14	
08MOD-0339 For Tinted Glass, Add	20.57	
08MOD-0340 For Low-E Insulated Glass, Add	42.86	
08MOD-0341 For Obscure Glass, Add	47.14	
08560-0239 EA 20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	250.42	36.71
08MOD-0338 For Colored Vinyl, Add	17.77	
08MOD-0339 For Tinted Glass, Add	21.32	
08MOD-0340 For Low-E Insulated Glass, Add	44.41	
08MOD-0341 For Obscure Glass, Add	48.85	
08560-0240 EA 24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	259.23	37.67
08MOD-0338 For Colored Vinyl, Add	18.39	
08MOD-0339 For Tinted Glass, Add	22.07	
08MOD-0340 For Low-E Insulated Glass, Add	45.97	
08MOD-0341 For Obscure Glass, Add	50.57	
08560-0241 EA 28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	274.14	38.96
08MOD-0338 For Colored Vinyl, Add	19.62	
08MOD-0339 For Tinted Glass, Add	23.55	
08MOD-0340 For Low-E Insulated Glass, Add	49.06	
08MOD-0341 For Obscure Glass, Add	53.96	
08560-0242 64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0243 EA 17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	253.35	37.36
08MOD-0338 For Colored Vinyl, Add	17.93	
08MOD-0339 For Tinted Glass, Add	21.51	
08MOD-0340 For Low-E Insulated Glass, Add	44.82	
08MOD-0341 For Obscure Glass, Add	49.30	
08560-0244 EA 20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	261.71	37.99
08MOD-0338 For Colored Vinyl, Add	18.57	
08MOD-0339 For Tinted Glass, Add	22.29	
08MOD-0340 For Low-E Insulated Glass, Add	46.43	
08MOD-0341 For Obscure Glass, Add	51.07	
08560-0245 EA 24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	271.02	39.28
08MOD-0338 For Colored Vinyl, Add	19.25	
08MOD-0339 For Tinted Glass, Add	23.09	
08MOD-0340 For Low-E Insulated Glass, Add	48.11	
08MOD-0341 For Obscure Glass, Add	52.92	
08560-0246 EA 28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	285.62	40.58
08MOD-0338 For Colored Vinyl, Add	20.45	
08MOD-0339 For Tinted Glass, Add	24.54	
08MOD-0340 For Low-E Insulated Glass, Add	51.12	
08MOD-0341 For Obscure Glass, Add	56.23	
08560-0247 72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0206)		
08560-0248 EA 17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	267.16	39.28
08MOD-0338 For Colored Vinyl, Add	18.86	
08MOD-0339 For Tinted Glass, Add	22.63	
08MOD-0340 For Low-E Insulated Glass, Add	47.15	
08MOD-0341 For Obscure Glass, Add	51.86	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0249 EA 20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	275.92	40.58
08MOD-0338 For Colored Vinyl, Add	19.54	
08MOD-0339 For Tinted Glass, Add	23.45	
08MOD-0340 For Low-E Insulated Glass, Add	48.85	
08MOD-0341 For Obscure Glass, Add	53.74	
08560-0250 EA 24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	284.87	41.54
08MOD-0338 For Colored Vinyl, Add	20.18	
08MOD-0339 For Tinted Glass, Add	24.21	
08MOD-0340 For Low-E Insulated Glass, Add	50.45	
08MOD-0341 For Obscure Glass, Add	55.49	
08560-0251 EA 28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	299.30	42.82
08MOD-0338 For Colored Vinyl, Add	21.36	
08MOD-0339 For Tinted Glass, Add	25.64	
08MOD-0340 For Low-E Insulated Glass, Add	53.41	
08MOD-0341 For Obscure Glass, Add	58.75	
08560-0252 Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0205)		
08560-0253 36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0252)		
08560-0254 EA 33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	333.03	32.84
08MOD-0338 For Colored Vinyl, Add	26.73	
08MOD-0339 For Tinted Glass, Add	32.08	
08MOD-0340 For Low-E Insulated Glass, Add	66.84	
08MOD-0341 For Obscure Glass, Add	73.52	
08560-0255 EA 40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	345.93	35.42
08MOD-0338 For Colored Vinyl, Add	27.57	
08MOD-0339 For Tinted Glass, Add	33.09	
08MOD-0340 For Low-E Insulated Glass, Add	68.93	
08MOD-0341 For Obscure Glass, Add	75.83	
08560-0256 EA 48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	359.48	37.99
08MOD-0338 For Colored Vinyl, Add	28.41	
08MOD-0339 For Tinted Glass, Add	34.10	
08MOD-0340 For Low-E Insulated Glass, Add	71.03	
08MOD-0341 For Obscure Glass, Add	78.14	
08560-0257 EA 56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	374.61	40.25
08MOD-0338 For Colored Vinyl, Add	29.41	
08MOD-0339 For Tinted Glass, Add	35.29	
08MOD-0340 For Low-E Insulated Glass, Add	73.53	
08MOD-0341 For Obscure Glass, Add	80.88	
08560-0258 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0252)		
08560-0259 EA 33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	352.42	34.45
08MOD-0338 For Colored Vinyl, Add	28.35	
08MOD-0339 For Tinted Glass, Add	34.02	
08MOD-0340 For Low-E Insulated Glass, Add	70.88	
08MOD-0341 For Obscure Glass, Add	77.97	
08560-0260 EA 40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	366.01	36.71
08MOD-0338 For Colored Vinyl, Add	29.26	
08MOD-0339 For Tinted Glass, Add	35.11	
08MOD-0340 For Low-E Insulated Glass, Add	73.15	
08MOD-0341 For Obscure Glass, Add	80.46	
08560-0261 EA 48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	380.25	39.28
08MOD-0338 For Colored Vinyl, Add	30.17	
08MOD-0339 For Tinted Glass, Add	36.20	
08MOD-0340 For Low-E Insulated Glass, Add	75.42	
08MOD-0341 For Obscure Glass, Add	82.96	
08560-0262 EA 56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	394.95	41.87
08MOD-0338 For Colored Vinyl, Add	31.12	
08MOD-0339 For Tinted Glass, Add	37.35	
08MOD-0340 For Low-E Insulated Glass, Add	77.81	
08MOD-0341 For Obscure Glass, Add	85.59	
08560-0263 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0252)		
08560-0264 EA 33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	374.06	37.04
08MOD-0338 For Colored Vinyl, Add	30.00	
08MOD-0339 For Tinted Glass, Add	36.00	
08MOD-0340 For Low-E Insulated Glass, Add	75.00	
08MOD-0341 For Obscure Glass, Add	82.50	
08560-0265 EA 40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	388.15	39.28
08MOD-0338 For Colored Vinyl, Add	30.96	
08MOD-0339 For Tinted Glass, Add	37.15	
08MOD-0340 For Low-E Insulated Glass, Add	77.40	
08MOD-0341 For Obscure Glass, Add	85.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0266	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	402.89	41.87
	08MOD-0338	For Colored Vinyl, Add	31.92	
	08MOD-0339	For Tinted Glass, Add	38.30	
	08MOD-0340	For Low-E Insulated Glass, Add	79.79	
	08MOD-0341	For Obscure Glass, Add	87.77	
08560-0267	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	418.75	44.44
	08MOD-0338	For Colored Vinyl, Add	32.99	
	08MOD-0339	For Tinted Glass, Add	39.59	
	08MOD-0340	For Low-E Insulated Glass, Add	82.47	
	08MOD-0341	For Obscure Glass, Add	90.72	
08560-0268		52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0252)		
08560-0269	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	393.09	38.32
	08MOD-0338	For Colored Vinyl, Add	31.65	
	08MOD-0339	For Tinted Glass, Add	37.97	
	08MOD-0340	For Low-E Insulated Glass, Add	79.11	
	08MOD-0341	For Obscure Glass, Add	87.02	
08560-0270	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	407.84	40.58
	08MOD-0338	For Colored Vinyl, Add	32.67	
	08MOD-0339	For Tinted Glass, Add	39.20	
	08MOD-0340	For Low-E Insulated Glass, Add	81.67	
	08MOD-0341	For Obscure Glass, Add	89.84	
08560-0271	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	423.24	43.15
	08MOD-0338	For Colored Vinyl, Add	33.69	
	08MOD-0339	For Tinted Glass, Add	40.43	
	08MOD-0340	For Low-E Insulated Glass, Add	84.24	
	08MOD-0341	For Obscure Glass, Add	92.66	
08560-0272	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	439.34	45.73
	08MOD-0338	For Colored Vinyl, Add	34.79	
	08MOD-0339	For Tinted Glass, Add	41.75	
	08MOD-0340	For Low-E Insulated Glass, Add	86.97	
	08MOD-0341	For Obscure Glass, Add	95.67	
08560-0273		60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0252)		
08560-0274	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	414.05	40.58
	08MOD-0338	For Colored Vinyl, Add	33.29	
	08MOD-0339	For Tinted Glass, Add	39.95	
	08MOD-0340	For Low-E Insulated Glass, Add	83.23	
	08MOD-0341	For Obscure Glass, Add	91.55	
08560-0275	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	429.47	43.15
	08MOD-0338	For Colored Vinyl, Add	34.38	
	08MOD-0339	For Tinted Glass, Add	41.26	
	08MOD-0340	For Low-E Insulated Glass, Add	85.95	
	08MOD-0341	For Obscure Glass, Add	94.55	
08560-0276	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	445.52	45.73
	08MOD-0338	For Colored Vinyl, Add	35.47	
	08MOD-0339	For Tinted Glass, Add	42.57	
	08MOD-0340	For Low-E Insulated Glass, Add	88.68	
	08MOD-0341	For Obscure Glass, Add	97.55	
08560-0277	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	461.82	47.98
	08MOD-0338	For Colored Vinyl, Add	36.59	
	08MOD-0339	For Tinted Glass, Add	43.90	
	08MOD-0340	For Low-E Insulated Glass, Add	91.47	
	08MOD-0341	For Obscure Glass, Add	100.61	
08560-0278		64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0252)		
08560-0279	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	434.25	42.19
	08MOD-0338	For Colored Vinyl, Add	34.99	
	08MOD-0339	For Tinted Glass, Add	41.99	
	08MOD-0340	For Low-E Insulated Glass, Add	87.47	
	08MOD-0341	For Obscure Glass, Add	96.22	
08560-0280	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	449.67	44.44
	08MOD-0338	For Colored Vinyl, Add	36.08	
	08MOD-0339	For Tinted Glass, Add	43.30	
	08MOD-0340	For Low-E Insulated Glass, Add	90.20	
	08MOD-0341	For Obscure Glass, Add	99.22	
08560-0281	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	465.67	47.02
	08MOD-0338	For Colored Vinyl, Add	37.16	
	08MOD-0339	For Tinted Glass, Add	44.60	
	08MOD-0340	For Low-E Insulated Glass, Add	92.91	
	08MOD-0341	For Obscure Glass, Add	102.20	
08560-0282	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	482.03	49.59
	08MOD-0338	For Colored Vinyl, Add	38.29	
	08MOD-0339	For Tinted Glass, Add	45.94	
	08MOD-0340	For Low-E Insulated Glass, Add	95.71	
	08MOD-0341	For Obscure Glass, Add	105.28	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0283	72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0252)</small>		
08560-0284	EA 33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	456.84	44.44
	08MOD-0338 For Colored Vinyl, Add	36.80	
	08MOD-0339 For Tinted Glass, Add	44.16	
	08MOD-0340 For Low-E Insulated Glass, Add	91.99	
	08MOD-0341 For Obscure Glass, Add	101.19	
08560-0285	EA 40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	472.26	47.02
	08MOD-0338 For Colored Vinyl, Add	37.89	
	08MOD-0339 For Tinted Glass, Add	45.47	
	08MOD-0340 For Low-E Insulated Glass, Add	94.72	
	08MOD-0341 For Obscure Glass, Add	104.19	
08560-0286	EA 48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	488.32	49.59
	08MOD-0338 For Colored Vinyl, Add	38.98	
	08MOD-0339 For Tinted Glass, Add	46.77	
	08MOD-0340 For Low-E Insulated Glass, Add	97.45	
	08MOD-0341 For Obscure Glass, Add	107.19	
08560-0287	EA 56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	504.64	51.85
	08MOD-0338 For Colored Vinyl, Add	40.10	
	08MOD-0339 For Tinted Glass, Add	48.11	
	08MOD-0340 For Low-E Insulated Glass, Add	100.24	
	08MOD-0341 For Obscure Glass, Add	110.26	
08560-0288	Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0205)</small>		
08560-0289	36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0288)</small>		
08560-0290	EA 62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	412.00	41.87
	08MOD-0338 For Colored Vinyl, Add	32.83	
	08MOD-0339 For Tinted Glass, Add	39.39	
	08MOD-0340 For Low-E Insulated Glass, Add	82.07	
	08MOD-0341 For Obscure Glass, Add	90.28	
08560-0291	EA 72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	432.28	45.08
	08MOD-0338 For Colored Vinyl, Add	34.21	
	08MOD-0339 For Tinted Glass, Add	41.05	
	08MOD-0340 For Low-E Insulated Glass, Add	85.53	
	08MOD-0341 For Obscure Glass, Add	94.08	
08560-0292	EA 86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	467.96	49.91
	08MOD-0338 For Colored Vinyl, Add	36.81	
	08MOD-0339 For Tinted Glass, Add	44.18	
	08MOD-0340 For Low-E Insulated Glass, Add	92.03	
	08MOD-0341 For Obscure Glass, Add	101.24	
08560-0293	40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0288)</small>		
08560-0294	EA 62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	438.29	43.79
	08MOD-0338 For Colored Vinyl, Add	35.13	
	08MOD-0339 For Tinted Glass, Add	42.16	
	08MOD-0340 For Low-E Insulated Glass, Add	87.84	
	08MOD-0341 For Obscure Glass, Add	96.62	
08560-0295	EA 72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	458.69	46.70
	08MOD-0338 For Colored Vinyl, Add	36.53	
	08MOD-0339 For Tinted Glass, Add	43.84	
	08MOD-0340 For Low-E Insulated Glass, Add	91.33	
	08MOD-0341 For Obscure Glass, Add	100.46	
08560-0296	EA 86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	496.24	51.53
	08MOD-0338 For Colored Vinyl, Add	39.32	
	08MOD-0339 For Tinted Glass, Add	47.18	
	08MOD-0340 For Low-E Insulated Glass, Add	98.30	
	08MOD-0341 For Obscure Glass, Add	108.13	
08560-0297	48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08560-0288)</small>		
08560-0298	EA 62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	463.85	46.37
	08MOD-0338 For Colored Vinyl, Add	37.11	
	08MOD-0339 For Tinted Glass, Add	44.53	
	08MOD-0340 For Low-E Insulated Glass, Add	92.78	
	08MOD-0341 For Obscure Glass, Add	102.06	
08560-0299	EA 72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	487.38	49.27
	08MOD-0338 For Colored Vinyl, Add	38.89	
	08MOD-0339 For Tinted Glass, Add	46.66	
	08MOD-0340 For Low-E Insulated Glass, Add	97.21	
	08MOD-0341 For Obscure Glass, Add	106.93	
08560-0300	EA 86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	526.52	54.10
	08MOD-0338 For Colored Vinyl, Add	41.83	
	08MOD-0339 For Tinted Glass, Add	50.20	
	08MOD-0340 For Low-E Insulated Glass, Add	104.58	
	08MOD-0341 For Obscure Glass, Add	115.04	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0301 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0288)		
08560-0302 EA 62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	488.70	47.65
08MOD-0338 For Colored Vinyl, Add	39.34	
08MOD-0339 For Tinted Glass, Add	47.21	
08MOD-0340 For Low-E Insulated Glass, Add	98.35	
08MOD-0341 For Obscure Glass, Add	108.18	
08560-0303 EA 72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	513.85	50.88
08MOD-0338 For Colored Vinyl, Add	41.21	
08MOD-0339 For Tinted Glass, Add	49.45	
08MOD-0340 For Low-E Insulated Glass, Add	103.02	
08MOD-0341 For Obscure Glass, Add	113.32	
08560-0304 EA 86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	557.95	55.39
08MOD-0338 For Colored Vinyl, Add	44.72	
08MOD-0339 For Tinted Glass, Add	53.66	
08MOD-0340 For Low-E Insulated Glass, Add	111.79	
08MOD-0341 For Obscure Glass, Add	122.97	
08560-0305 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0288)		
08560-0306 EA 62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	515.46	49.91
08MOD-0338 For Colored Vinyl, Add	41.56	
08MOD-0339 For Tinted Glass, Add	49.88	
08MOD-0340 For Low-E Insulated Glass, Add	103.91	
08MOD-0341 For Obscure Glass, Add	114.30	
08560-0307 EA 72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	541.59	53.13
08MOD-0338 For Colored Vinyl, Add	43.53	
08MOD-0339 For Tinted Glass, Add	52.24	
08MOD-0340 For Low-E Insulated Glass, Add	108.83	
08MOD-0341 For Obscure Glass, Add	119.71	
08560-0308 EA 86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	591.28	57.64
08MOD-0338 For Colored Vinyl, Add	47.60	
08MOD-0339 For Tinted Glass, Add	57.12	
08MOD-0340 For Low-E Insulated Glass, Add	119.00	
08MOD-0341 For Obscure Glass, Add	130.90	
08560-0309 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0288)		
08560-0310 EA 62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	543.82	51.53
08MOD-0338 For Colored Vinyl, Add	44.08	
08MOD-0339 For Tinted Glass, Add	52.89	
08MOD-0340 For Low-E Insulated Glass, Add	110.20	
08MOD-0341 For Obscure Glass, Add	121.21	
08560-0311 EA 72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	569.94	54.74
08MOD-0338 For Colored Vinyl, Add	46.05	
08MOD-0339 For Tinted Glass, Add	55.26	
08MOD-0340 For Low-E Insulated Glass, Add	115.12	
08MOD-0341 For Obscure Glass, Add	126.63	
08560-0312 EA 86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	619.64	59.25
08MOD-0338 For Colored Vinyl, Add	50.11	
08MOD-0339 For Tinted Glass, Add	60.14	
08MOD-0340 For Low-E Insulated Glass, Add	125.29	
08MOD-0341 For Obscure Glass, Add	137.81	
08560-0313 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08560-0288)		
08560-0314 EA 62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	573.54	53.77
08MOD-0338 For Colored Vinyl, Add	46.60	
08MOD-0339 For Tinted Glass, Add	55.92	
08MOD-0340 For Low-E Insulated Glass, Add	116.50	
08MOD-0341 For Obscure Glass, Add	128.14	
08560-0315 EA 72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	599.65	57.00
08MOD-0338 For Colored Vinyl, Add	48.57	
08MOD-0339 For Tinted Glass, Add	58.28	
08MOD-0340 For Low-E Insulated Glass, Add	121.42	
08MOD-0341 For Obscure Glass, Add	133.56	
08560-0316 EA 86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	649.35	61.51
08MOD-0338 For Colored Vinyl, Add	52.63	
08MOD-0339 For Tinted Glass, Add	63.16	
08MOD-0340 For Low-E Insulated Glass, Add	131.59	
08MOD-0341 For Obscure Glass, Add	144.74	
08560-0317 Replacement, Casement Vinyl Windows (Silver Line 7500) (08560-0204)		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08560-0318 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) (08560-0317)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0319 EA Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	217.45	27.38
08MOD-0342 For Colored Vinyl, Add	16.27	
08MOD-0343 For Tinted Glass, Add	19.53	
08MOD-0344 For Low-E Insulated Glass, Add	40.68	
08MOD-0345 For Obscure Glass, Add	44.75	
08560-0320 EA >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	246.54	30.59
08MOD-0342 For Colored Vinyl, Add	18.54	
08MOD-0343 For Tinted Glass, Add	22.24	
08MOD-0344 For Low-E Insulated Glass, Add	46.34	
08MOD-0345 For Obscure Glass, Add	50.97	
08560-0321 EA >63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	273.06	33.81
08MOD-0342 For Colored Vinyl, Add	20.54	
08MOD-0343 For Tinted Glass, Add	24.65	
08MOD-0344 For Low-E Insulated Glass, Add	51.36	
08MOD-0345 For Obscure Glass, Add	56.50	
08560-0322 EA >73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	297.02	37.04
08MOD-0342 For Colored Vinyl, Add	22.30	
08MOD-0343 For Tinted Glass, Add	26.76	
08MOD-0344 For Low-E Insulated Glass, Add	55.74	
08MOD-0345 For Obscure Glass, Add	61.31	
08560-0323 EA >83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	318.44	40.25
08MOD-0342 For Colored Vinyl, Add	23.79	
08MOD-0343 For Tinted Glass, Add	28.55	
08MOD-0344 For Low-E Insulated Glass, Add	59.48	
08MOD-0345 For Obscure Glass, Add	65.43	
08560-0324 EA >93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	332.43	43.47
08MOD-0342 For Colored Vinyl, Add	24.55	
08MOD-0343 For Tinted Glass, Add	29.46	
08MOD-0344 For Low-E Insulated Glass, Add	61.37	
08MOD-0345 For Obscure Glass, Add	67.51	
08560-0325 UI >101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	3.27	0.42
08MOD-0342 For Colored Vinyl, Add	0.24	
08MOD-0343 For Tinted Glass, Add	0.29	
08MOD-0344 For Low-E Insulated Glass, Add	0.61	
08MOD-0345 For Obscure Glass, Add	0.67	
08560-0326 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08560-0317)</small>		
08560-0327 EA Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	352.43	33.81
08MOD-0342 For Colored Vinyl, Add	28.48	
08MOD-0343 For Tinted Glass, Add	34.18	
08MOD-0344 For Low-E Insulated Glass, Add	71.20	
08MOD-0345 For Obscure Glass, Add	78.32	
08560-0328 EA >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	387.27	37.04
08MOD-0342 For Colored Vinyl, Add	31.32	
08MOD-0343 For Tinted Glass, Add	37.59	
08MOD-0344 For Low-E Insulated Glass, Add	78.30	
08MOD-0345 For Obscure Glass, Add	86.13	
08560-0329 EA >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	419.56	40.25
08MOD-0342 For Colored Vinyl, Add	33.91	
08MOD-0343 For Tinted Glass, Add	40.69	
08MOD-0344 For Low-E Insulated Glass, Add	84.76	
08MOD-0345 For Obscure Glass, Add	93.24	
08560-0330 EA >93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	442.25	43.47
08MOD-0342 For Colored Vinyl, Add	35.53	
08MOD-0343 For Tinted Glass, Add	42.64	
08MOD-0344 For Low-E Insulated Glass, Add	88.83	
08MOD-0345 For Obscure Glass, Add	97.71	
08560-0331 EA >101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	466.26	46.70
08MOD-0342 For Colored Vinyl, Add	37.29	
08MOD-0343 For Tinted Glass, Add	44.75	
08MOD-0344 For Low-E Insulated Glass, Add	93.22	
08MOD-0345 For Obscure Glass, Add	102.54	
08560-0332 EA >110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	491.26	49.91
08MOD-0342 For Colored Vinyl, Add	39.14	
08MOD-0343 For Tinted Glass, Add	46.97	
08MOD-0344 For Low-E Insulated Glass, Add	97.86	
08MOD-0345 For Obscure Glass, Add	107.64	
08560-0333 UI >120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	4.10	0.42
08MOD-0342 For Colored Vinyl, Add	0.33	
08MOD-0343 For Tinted Glass, Add	0.39	
08MOD-0344 For Low-E Insulated Glass, Add	0.82	
08MOD-0345 For Obscure Glass, Add	0.90	
08560-0334 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08560-0317)</small>		
08560-0335 EA Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	366.44	33.81
08MOD-0342 For Colored Vinyl, Add	29.88	
08MOD-0343 For Tinted Glass, Add	35.86	
08MOD-0344 For Low-E Insulated Glass, Add	74.71	
08MOD-0345 For Obscure Glass, Add	82.18	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0336	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	402.81	37.04
	08MOD-0342	For Colored Vinyl, Add	32.88	
	08MOD-0343	For Tinted Glass, Add	39.45	
	08MOD-0344	For Low-E Insulated Glass, Add	82.19	
	08MOD-0345	For Obscure Glass, Add	90.41	
08560-0337	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	437.40	40.25
	08MOD-0342	For Colored Vinyl, Add	35.69	
	08MOD-0343	For Tinted Glass, Add	42.83	
	08MOD-0344	For Low-E Insulated Glass, Add	89.22	
	08MOD-0345	For Obscure Glass, Add	98.14	
08560-0338	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	461.62	43.47
	08MOD-0342	For Colored Vinyl, Add	37.47	
	08MOD-0343	For Tinted Glass, Add	44.96	
	08MOD-0344	For Low-E Insulated Glass, Add	93.67	
	08MOD-0345	For Obscure Glass, Add	103.03	
08560-0339	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	487.37	46.70
	08MOD-0342	For Colored Vinyl, Add	39.40	
	08MOD-0343	For Tinted Glass, Add	47.28	
	08MOD-0344	For Low-E Insulated Glass, Add	98.50	
	08MOD-0345	For Obscure Glass, Add	108.35	
08560-0340	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	514.29	49.91
	08MOD-0342	For Colored Vinyl, Add	41.45	
	08MOD-0343	For Tinted Glass, Add	49.74	
	08MOD-0344	For Low-E Insulated Glass, Add	103.62	
	08MOD-0345	For Obscure Glass, Add	113.98	
08560-0341	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	4.29	0.42
	08MOD-0342	For Colored Vinyl, Add	0.35	
	08MOD-0343	For Tinted Glass, Add	0.41	
	08MOD-0344	For Low-E Insulated Glass, Add	0.86	
	08MOD-0345	For Obscure Glass, Add	0.95	
08560-0342	Awning Vinyl Windows (08560-0001)			
08560-0343	New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0342)			
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.			
08560-0344	Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0343)			
08560-0345	17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0344)			
08560-0346	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	218.04	26.41
	08MOD-0338	For Colored Vinyl, Add	16.52	
	08MOD-0339	For Tinted Glass, Add	19.83	
	08MOD-0340	For Low-E Insulated Glass, Add	41.31	
	08MOD-0341	For Obscure Glass, Add	45.44	
08560-0347	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	228.30	27.69
	08MOD-0338	For Colored Vinyl, Add	17.29	
	08MOD-0339	For Tinted Glass, Add	20.75	
	08MOD-0340	For Low-E Insulated Glass, Add	43.23	
	08MOD-0341	For Obscure Glass, Add	47.55	
08560-0348	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	244.32	29.95
	08MOD-0338	For Colored Vinyl, Add	18.44	
	08MOD-0339	For Tinted Glass, Add	22.13	
	08MOD-0340	For Low-E Insulated Glass, Add	46.11	
	08MOD-0341	For Obscure Glass, Add	50.72	
08560-0349	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	254.77	31.56
	08MOD-0338	For Colored Vinyl, Add	19.17	
	08MOD-0339	For Tinted Glass, Add	23.00	
	08MOD-0340	For Low-E Insulated Glass, Add	47.92	
	08MOD-0341	For Obscure Glass, Add	52.71	
08560-0350	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	271.87	34.13
	08MOD-0338	For Colored Vinyl, Add	20.36	
	08MOD-0339	For Tinted Glass, Add	24.43	
	08MOD-0340	For Low-E Insulated Glass, Add	50.90	
	08MOD-0341	For Obscure Glass, Add	55.99	
08560-0351	20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0344)			
08560-0352	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	229.57	27.69
	08MOD-0338	For Colored Vinyl, Add	17.48	
	08MOD-0339	For Tinted Glass, Add	20.98	
	08MOD-0340	For Low-E Insulated Glass, Add	43.71	
	08MOD-0341	For Obscure Glass, Add	48.08	
08560-0353	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	239.82	28.98
	08MOD-0338	For Colored Vinyl, Add	18.25	
	08MOD-0339	For Tinted Glass, Add	21.90	
	08MOD-0340	For Low-E Insulated Glass, Add	45.63	
	08MOD-0341	For Obscure Glass, Add	50.19	
08560-0354	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	256.91	30.92
	08MOD-0338	For Colored Vinyl, Add	19.51	
	08MOD-0339	For Tinted Glass, Add	23.41	
	08MOD-0340	For Low-E Insulated Glass, Add	48.77	
	08MOD-0341	For Obscure Glass, Add	53.65	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0355	EA 40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	267.38	32.84
	08MOD-0338 For Colored Vinyl, Add	20.23	
	08MOD-0339 For Tinted Glass, Add	24.28	
	08MOD-0340 For Low-E Insulated Glass, Add	50.58	
	08MOD-0341 For Obscure Glass, Add	55.64	
08560-0356	EA 48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	285.53	35.10
	08MOD-0338 For Colored Vinyl, Add	21.53	
	08MOD-0339 For Tinted Glass, Add	25.84	
	08MOD-0340 For Low-E Insulated Glass, Add	53.83	
	08MOD-0341 For Obscure Glass, Add	59.22	
08560-0357	24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0344)		
08560-0358	EA 24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	237.47	28.98
	08MOD-0338 For Colored Vinyl, Add	18.02	
	08MOD-0339 For Tinted Glass, Add	21.62	
	08MOD-0340 For Low-E Insulated Glass, Add	45.04	
	08MOD-0341 For Obscure Glass, Add	49.54	
08560-0359	EA 28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	247.72	30.27
	08MOD-0338 For Colored Vinyl, Add	18.78	
	08MOD-0339 For Tinted Glass, Add	22.54	
	08MOD-0340 For Low-E Insulated Glass, Add	46.96	
	08MOD-0341 For Obscure Glass, Add	51.65	
08560-0360	EA 36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	265.34	32.21
	08MOD-0338 For Colored Vinyl, Add	20.09	
	08MOD-0339 For Tinted Glass, Add	24.11	
	08MOD-0340 For Low-E Insulated Glass, Add	50.24	
	08MOD-0341 For Obscure Glass, Add	55.26	
08560-0361	EA 40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	276.67	34.13
	08MOD-0338 For Colored Vinyl, Add	20.91	
	08MOD-0339 For Tinted Glass, Add	25.09	
	08MOD-0340 For Low-E Insulated Glass, Add	52.26	
	08MOD-0341 For Obscure Glass, Add	57.49	
08560-0362	EA 48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	295.03	36.39
	08MOD-0338 For Colored Vinyl, Add	22.23	
	08MOD-0339 For Tinted Glass, Add	26.67	
	08MOD-0340 For Low-E Insulated Glass, Add	55.57	
	08MOD-0341 For Obscure Glass, Add	61.12	
08560-0363	28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0344)		
08560-0364	EA 24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	245.38	30.27
	08MOD-0338 For Colored Vinyl, Add	18.55	
	08MOD-0339 For Tinted Glass, Add	22.26	
	08MOD-0340 For Low-E Insulated Glass, Add	46.37	
	08MOD-0341 For Obscure Glass, Add	51.01	
08560-0365	EA 28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	255.64	31.56
	08MOD-0338 For Colored Vinyl, Add	19.32	
	08MOD-0339 For Tinted Glass, Add	23.18	
	08MOD-0340 For Low-E Insulated Glass, Add	48.29	
	08MOD-0341 For Obscure Glass, Add	53.12	
08560-0366	EA 36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	273.79	33.49
	08MOD-0338 For Colored Vinyl, Add	20.68	
	08MOD-0339 For Tinted Glass, Add	24.82	
	08MOD-0340 For Low-E Insulated Glass, Add	51.70	
	08MOD-0341 For Obscure Glass, Add	56.87	
08560-0367	EA 40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	285.91	35.42
	08MOD-0338 For Colored Vinyl, Add	21.57	
	08MOD-0339 For Tinted Glass, Add	25.89	
	08MOD-0340 For Low-E Insulated Glass, Add	53.93	
	08MOD-0341 For Obscure Glass, Add	59.32	
08560-0368	EA 48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	304.54	37.67
	08MOD-0338 For Colored Vinyl, Add	22.92	
	08MOD-0339 For Tinted Glass, Add	27.50	
	08MOD-0340 For Low-E Insulated Glass, Add	57.30	
	08MOD-0341 For Obscure Glass, Add	63.03	
08560-0369	36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08560-0344)		
08560-0370	EA 36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	290.01	35.75
	08MOD-0338 For Colored Vinyl, Add	21.85	
	08MOD-0339 For Tinted Glass, Add	26.22	
	08MOD-0340 For Low-E Insulated Glass, Add	54.63	
	08MOD-0341 For Obscure Glass, Add	60.09	
08560-0371	EA 40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	302.15	37.36
	08MOD-0338 For Colored Vinyl, Add	22.74	
	08MOD-0339 For Tinted Glass, Add	27.29	
	08MOD-0340 For Low-E Insulated Glass, Add	56.86	
	08MOD-0341 For Obscure Glass, Add	62.55	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0372	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	321.84	39.93
	08MOD-0338	For Colored Vinyl, Add	24.20	
	08MOD-0339	For Tinted Glass, Add	29.04	
	08MOD-0340	For Low-E Insulated Glass, Add	60.50	
	08MOD-0341	For Obscure Glass, Add	66.54	
08560-0373		Replacement, Awning Vinyl Windows (Silver Line 7400) <small>(08560-0342)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08560-0374	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	227.62	27.38
	08MOD-0342	For Colored Vinyl, Add	17.29	
	08MOD-0343	For Tinted Glass, Add	20.75	
	08MOD-0344	For Low-E Insulated Glass, Add	43.22	
	08MOD-0345	For Obscure Glass, Add	47.54	
08560-0375	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	262.66	30.59
	08MOD-0342	For Colored Vinyl, Add	20.15	
	08MOD-0343	For Tinted Glass, Add	24.18	
	08MOD-0344	For Low-E Insulated Glass, Add	50.37	
	08MOD-0345	For Obscure Glass, Add	55.40	
08560-0376	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	296.40	33.81
	08MOD-0342	For Colored Vinyl, Add	22.88	
	08MOD-0343	For Tinted Glass, Add	27.45	
	08MOD-0344	For Low-E Insulated Glass, Add	57.20	
	08MOD-0345	For Obscure Glass, Add	62.91	
08560-0377	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	328.87	37.04
	08MOD-0342	For Colored Vinyl, Add	25.48	
	08MOD-0343	For Tinted Glass, Add	30.58	
	08MOD-0344	For Low-E Insulated Glass, Add	63.70	
	08MOD-0345	For Obscure Glass, Add	70.07	
08560-0378	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	360.08	40.25
	08MOD-0342	For Colored Vinyl, Add	27.96	
	08MOD-0343	For Tinted Glass, Add	33.55	
	08MOD-0344	For Low-E Insulated Glass, Add	69.89	
	08MOD-0345	For Obscure Glass, Add	76.88	
08560-0379	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	377.65	43.47
	08MOD-0342	For Colored Vinyl, Add	29.07	
	08MOD-0343	For Tinted Glass, Add	34.88	
	08MOD-0344	For Low-E Insulated Glass, Add	72.68	
	08MOD-0345	For Obscure Glass, Add	79.94	
08560-0380	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	3.72	0.42
	08MOD-0342	For Colored Vinyl, Add	0.29	
	08MOD-0343	For Tinted Glass, Add	0.35	
	08MOD-0344	For Low-E Insulated Glass, Add	0.72	
	08MOD-0345	For Obscure Glass, Add	0.79	
08560-0381		Horizontal Sliding Vinyl Windows <small>(08560-0001)</small>		
08560-0382		New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0381)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08560-0383		20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0384	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	139.70	31.56
	08MOD-0338	For Colored Vinyl, Add	7.72	
	08MOD-0339	For Tinted Glass, Add	9.27	
	08MOD-0340	For Low-E Insulated Glass, Add	19.31	
	08MOD-0341	For Obscure Glass, Add	21.24	
08560-0385	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	155.00	35.42
	08MOD-0338	For Colored Vinyl, Add	8.48	
	08MOD-0339	For Tinted Glass, Add	10.18	
	08MOD-0340	For Low-E Insulated Glass, Add	21.20	
	08MOD-0341	For Obscure Glass, Add	23.32	
08560-0386	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	162.64	37.04
	08MOD-0338	For Colored Vinyl, Add	8.86	
	08MOD-0339	For Tinted Glass, Add	10.63	
	08MOD-0340	For Low-E Insulated Glass, Add	22.15	
	08MOD-0341	For Obscure Glass, Add	24.36	
08560-0387	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	170.29	38.96
	08MOD-0338	For Colored Vinyl, Add	9.24	
	08MOD-0339	For Tinted Glass, Add	11.08	
	08MOD-0340	For Low-E Insulated Glass, Add	23.09	
	08MOD-0341	For Obscure Glass, Add	25.40	
08560-0388	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	175.40	40.58
	08MOD-0338	For Colored Vinyl, Add	9.49	
	08MOD-0339	For Tinted Glass, Add	11.39	
	08MOD-0340	For Low-E Insulated Glass, Add	23.72	
	08MOD-0341	For Obscure Glass, Add	26.09	
08560-0389	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	185.60	42.82
	08MOD-0338	For Colored Vinyl, Add	9.99	
	08MOD-0339	For Tinted Glass, Add	11.99	
	08MOD-0340	For Low-E Insulated Glass, Add	24.99	
	08MOD-0341	For Obscure Glass, Add	27.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0390 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0391 EA 36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	146.53	32.84
08MOD-0338 For Colored Vinyl, Add	8.15	
08MOD-0339 For Tinted Glass, Add	9.78	
08MOD-0340 For Low-E Insulated Glass, Add	20.37	
08MOD-0341 For Obscure Glass, Add	22.41	
08560-0392 EA 48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	162.17	36.71
08MOD-0338 For Colored Vinyl, Add	8.94	
08MOD-0339 For Tinted Glass, Add	10.73	
08MOD-0340 For Low-E Insulated Glass, Add	22.35	
08MOD-0341 For Obscure Glass, Add	24.59	
08560-0393 EA 54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	170.05	38.32
08MOD-0338 For Colored Vinyl, Add	9.34	
08MOD-0339 For Tinted Glass, Add	11.21	
08MOD-0340 For Low-E Insulated Glass, Add	23.35	
08MOD-0341 For Obscure Glass, Add	25.69	
08560-0394 EA 60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	177.84	40.25
08MOD-0338 For Colored Vinyl, Add	9.73	
08MOD-0339 For Tinted Glass, Add	11.68	
08MOD-0340 For Low-E Insulated Glass, Add	24.33	
08MOD-0341 For Obscure Glass, Add	26.77	
08560-0395 EA 64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	183.05	41.87
08MOD-0338 For Colored Vinyl, Add	10.00	
08MOD-0339 For Tinted Glass, Add	12.00	
08MOD-0340 For Low-E Insulated Glass, Add	24.99	
08MOD-0341 For Obscure Glass, Add	27.49	
08560-0396 EA 72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	193.48	44.11
08MOD-0338 For Colored Vinyl, Add	10.53	
08MOD-0339 For Tinted Glass, Add	12.63	
08MOD-0340 For Low-E Insulated Glass, Add	26.31	
08MOD-0341 For Obscure Glass, Add	28.94	
08560-0397 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0398 EA 36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	167.15	36.71
08MOD-0338 For Colored Vinyl, Add	9.44	
08MOD-0339 For Tinted Glass, Add	11.33	
08MOD-0340 For Low-E Insulated Glass, Add	23.60	
08MOD-0341 For Obscure Glass, Add	25.95	
08560-0399 EA 48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	183.92	40.58
08MOD-0338 For Colored Vinyl, Add	10.34	
08MOD-0339 For Tinted Glass, Add	12.41	
08MOD-0340 For Low-E Insulated Glass, Add	25.85	
08MOD-0341 For Obscure Glass, Add	28.44	
08560-0400 EA 54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	192.31	42.19
08MOD-0338 For Colored Vinyl, Add	10.79	
08MOD-0339 For Tinted Glass, Add	12.95	
08MOD-0340 For Low-E Insulated Glass, Add	26.99	
08MOD-0341 For Obscure Glass, Add	29.68	
08560-0401 EA 60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	200.68	44.11
08MOD-0338 For Colored Vinyl, Add	11.25	
08MOD-0339 For Tinted Glass, Add	13.49	
08MOD-0340 For Low-E Insulated Glass, Add	28.11	
08MOD-0341 For Obscure Glass, Add	30.92	
08560-0402 EA 64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	206.28	45.08
08MOD-0338 For Colored Vinyl, Add	11.55	
08MOD-0339 For Tinted Glass, Add	13.86	
08MOD-0340 For Low-E Insulated Glass, Add	28.87	
08MOD-0341 For Obscure Glass, Add	31.75	
08560-0403 EA 72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	217.46	47.98
08MOD-0338 For Colored Vinyl, Add	12.15	
08MOD-0339 For Tinted Glass, Add	14.58	
08MOD-0340 For Low-E Insulated Glass, Add	30.38	
08MOD-0341 For Obscure Glass, Add	33.41	
08560-0404 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0405 EA 36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	177.47	38.64
08MOD-0338 For Colored Vinyl, Add	10.08	
08MOD-0339 For Tinted Glass, Add	12.10	
08MOD-0340 For Low-E Insulated Glass, Add	25.21	
08MOD-0341 For Obscure Glass, Add	27.73	
08560-0406 EA 48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	194.79	42.51
08MOD-0338 For Colored Vinyl, Add	11.04	
08MOD-0339 For Tinted Glass, Add	13.25	
08MOD-0340 For Low-E Insulated Glass, Add	27.61	
08MOD-0341 For Obscure Glass, Add	30.37	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0407	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	203.46	44.11
	08MOD-0338	For Colored Vinyl, Add	11.52	
	08MOD-0339	For Tinted Glass, Add	13.83	
	08MOD-0340	For Low-E Insulated Glass, Add	28.81	
	08MOD-0341	For Obscure Glass, Add	31.69	
08560-0408	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	212.13	46.05
	08MOD-0338	For Colored Vinyl, Add	12.00	
	08MOD-0339	For Tinted Glass, Add	14.40	
	08MOD-0340	For Low-E Insulated Glass, Add	30.01	
	08MOD-0341	For Obscure Glass, Add	33.01	
08560-0409	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	217.88	47.65
	08MOD-0338	For Colored Vinyl, Add	12.32	
	08MOD-0339	For Tinted Glass, Add	14.79	
	08MOD-0340	For Low-E Insulated Glass, Add	30.80	
	08MOD-0341	For Obscure Glass, Add	33.88	
08560-0410	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	229.45	49.91
	08MOD-0338	For Colored Vinyl, Add	12.96	
	08MOD-0339	For Tinted Glass, Add	15.55	
	08MOD-0340	For Low-E Insulated Glass, Add	32.41	
	08MOD-0341	For Obscure Glass, Add	35.65	
08560-0411		44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0412	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	180.89	39.28
	08MOD-0338	For Colored Vinyl, Add	10.30	
	08MOD-0339	For Tinted Glass, Add	12.36	
	08MOD-0340	For Low-E Insulated Glass, Add	25.74	
	08MOD-0341	For Obscure Glass, Add	28.32	
08560-0413	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	198.42	43.15
	08MOD-0338	For Colored Vinyl, Add	11.28	
	08MOD-0339	For Tinted Glass, Add	13.53	
	08MOD-0340	For Low-E Insulated Glass, Add	28.19	
	08MOD-0341	For Obscure Glass, Add	31.01	
08560-0414	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	207.17	44.76
	08MOD-0338	For Colored Vinyl, Add	11.77	
	08MOD-0339	For Tinted Glass, Add	14.12	
	08MOD-0340	For Low-E Insulated Glass, Add	29.41	
	08MOD-0341	For Obscure Glass, Add	32.35	
08560-0415	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	215.93	46.70
	08MOD-0338	For Colored Vinyl, Add	12.26	
	08MOD-0339	For Tinted Glass, Add	14.71	
	08MOD-0340	For Low-E Insulated Glass, Add	30.64	
	08MOD-0341	For Obscure Glass, Add	33.70	
08560-0416	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	221.77	48.30
	08MOD-0338	For Colored Vinyl, Add	12.58	
	08MOD-0339	For Tinted Glass, Add	15.10	
	08MOD-0340	For Low-E Insulated Glass, Add	31.45	
	08MOD-0341	For Obscure Glass, Add	34.60	
08560-0417	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	233.44	50.56
	08MOD-0338	For Colored Vinyl, Add	13.23	
	08MOD-0339	For Tinted Glass, Add	15.88	
	08MOD-0340	For Low-E Insulated Glass, Add	33.08	
	08MOD-0341	For Obscure Glass, Add	36.39	
08560-0418		46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0419	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	184.33	39.93
	08MOD-0338	For Colored Vinyl, Add	10.51	
	08MOD-0339	For Tinted Glass, Add	12.61	
	08MOD-0340	For Low-E Insulated Glass, Add	26.28	
	08MOD-0341	For Obscure Glass, Add	28.91	
08560-0420	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	202.04	43.79
	08MOD-0338	For Colored Vinyl, Add	11.51	
	08MOD-0339	For Tinted Glass, Add	13.81	
	08MOD-0340	For Low-E Insulated Glass, Add	28.77	
	08MOD-0341	For Obscure Glass, Add	31.65	
08560-0421	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	210.89	45.41
	08MOD-0338	For Colored Vinyl, Add	12.01	
	08MOD-0339	For Tinted Glass, Add	14.41	
	08MOD-0340	For Low-E Insulated Glass, Add	30.02	
	08MOD-0341	For Obscure Glass, Add	33.02	
08560-0422	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	219.72	47.34
	08MOD-0338	For Colored Vinyl, Add	12.51	
	08MOD-0339	For Tinted Glass, Add	15.01	
	08MOD-0340	For Low-E Insulated Glass, Add	31.26	
	08MOD-0341	For Obscure Glass, Add	34.39	
08560-0423	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	225.63	48.94
	08MOD-0338	For Colored Vinyl, Add	12.84	
	08MOD-0339	For Tinted Glass, Add	15.41	
	08MOD-0340	For Low-E Insulated Glass, Add	32.10	
	08MOD-0341	For Obscure Glass, Add	35.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0424 EA 72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	237.44	51.20
08MOD-0338 For Colored Vinyl, Add	13.50	
08MOD-0339 For Tinted Glass, Add	16.20	
08MOD-0340 For Low-E Insulated Glass, Add	33.76	
08MOD-0341 For Obscure Glass, Add	37.13	
08560-0425 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0426 EA 36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	187.78	40.58
08MOD-0338 For Colored Vinyl, Add	10.73	
08MOD-0339 For Tinted Glass, Add	12.87	
08MOD-0340 For Low-E Insulated Glass, Add	26.82	
08MOD-0341 For Obscure Glass, Add	29.50	
08560-0427 EA 48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	205.66	44.44
08MOD-0338 For Colored Vinyl, Add	11.74	
08MOD-0339 For Tinted Glass, Add	14.09	
08MOD-0340 For Low-E Insulated Glass, Add	29.36	
08MOD-0341 For Obscure Glass, Add	32.29	
08560-0428 EA 54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	214.61	46.05
08MOD-0338 For Colored Vinyl, Add	12.25	
08MOD-0339 For Tinted Glass, Add	14.70	
08MOD-0340 For Low-E Insulated Glass, Add	30.63	
08MOD-0341 For Obscure Glass, Add	33.69	
08560-0429 EA 60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	223.53	47.98
08MOD-0338 For Colored Vinyl, Add	12.76	
08MOD-0339 For Tinted Glass, Add	15.31	
08MOD-0340 For Low-E Insulated Glass, Add	31.89	
08MOD-0341 For Obscure Glass, Add	35.08	
08560-0430 EA 64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	229.49	49.59
08MOD-0338 For Colored Vinyl, Add	13.10	
08MOD-0339 For Tinted Glass, Add	15.72	
08MOD-0340 For Low-E Insulated Glass, Add	32.74	
08MOD-0341 For Obscure Glass, Add	36.01	
08560-0431 EA 72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	241.43	51.85
08MOD-0338 For Colored Vinyl, Add	13.77	
08MOD-0339 For Tinted Glass, Add	16.53	
08MOD-0340 For Low-E Insulated Glass, Add	34.44	
08MOD-0341 For Obscure Glass, Add	37.88	
08560-0432 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0433 EA 36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	191.22	41.22
08MOD-0338 For Colored Vinyl, Add	10.94	
08MOD-0339 For Tinted Glass, Add	13.13	
08MOD-0340 For Low-E Insulated Glass, Add	27.36	
08MOD-0341 For Obscure Glass, Add	30.09	
08560-0434 EA 48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	209.28	45.08
08MOD-0338 For Colored Vinyl, Add	11.98	
08MOD-0339 For Tinted Glass, Add	14.37	
08MOD-0340 For Low-E Insulated Glass, Add	29.94	
08MOD-0341 For Obscure Glass, Add	32.93	
08560-0435 EA 54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	218.31	46.70
08MOD-0338 For Colored Vinyl, Add	12.49	
08MOD-0339 For Tinted Glass, Add	14.99	
08MOD-0340 For Low-E Insulated Glass, Add	31.23	
08MOD-0341 For Obscure Glass, Add	34.36	
08560-0436 EA 60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	227.34	48.62
08MOD-0338 For Colored Vinyl, Add	13.01	
08MOD-0339 For Tinted Glass, Add	15.61	
08MOD-0340 For Low-E Insulated Glass, Add	32.52	
08MOD-0341 For Obscure Glass, Add	35.77	
08560-0437 EA 64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	233.38	50.24
08MOD-0338 For Colored Vinyl, Add	13.36	
08MOD-0339 For Tinted Glass, Add	16.03	
08MOD-0340 For Low-E Insulated Glass, Add	33.39	
08MOD-0341 For Obscure Glass, Add	36.73	
08560-0438 EA 72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	245.42	52.49
08MOD-0338 For Colored Vinyl, Add	14.04	
08MOD-0339 For Tinted Glass, Add	16.85	
08MOD-0340 For Low-E Insulated Glass, Add	35.11	
08MOD-0341 For Obscure Glass, Add	38.62	
08560-0439 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0440 EA 36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	194.65	41.87
08MOD-0338 For Colored Vinyl, Add	11.16	
08MOD-0339 For Tinted Glass, Add	13.39	
08MOD-0340 For Low-E Insulated Glass, Add	27.89	
08MOD-0341 For Obscure Glass, Add	30.68	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0441	EA		48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	212.91	45.73
	08MOD-0338		For Colored Vinyl, Add	12.21	
	08MOD-0339		For Tinted Glass, Add	14.65	
	08MOD-0340		For Low-E Insulated Glass, Add	30.53	
	08MOD-0341		For Obscure Glass, Add	33.58	
08560-0442	EA		54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	222.03	47.34
	08MOD-0338		For Colored Vinyl, Add	12.74	
	08MOD-0339		For Tinted Glass, Add	15.28	
	08MOD-0340		For Low-E Insulated Glass, Add	31.84	
	08MOD-0341		For Obscure Glass, Add	35.02	
08560-0443	EA		60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	231.16	49.27
	08MOD-0338		For Colored Vinyl, Add	13.26	
	08MOD-0339		For Tinted Glass, Add	15.92	
	08MOD-0340		For Low-E Insulated Glass, Add	33.16	
	08MOD-0341		For Obscure Glass, Add	36.47	
08560-0444	EA		64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	237.25	50.88
	08MOD-0338		For Colored Vinyl, Add	13.61	
	08MOD-0339		For Tinted Glass, Add	16.34	
	08MOD-0340		For Low-E Insulated Glass, Add	34.03	
	08MOD-0341		For Obscure Glass, Add	37.44	
08560-0445	EA		72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	249.42	53.13
	08MOD-0338		For Colored Vinyl, Add	14.32	
	08MOD-0339		For Tinted Glass, Add	17.18	
	08MOD-0340		For Low-E Insulated Glass, Add	35.79	
	08MOD-0341		For Obscure Glass, Add	39.37	
08560-0446			54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0447	EA		36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	198.09	42.51
	08MOD-0338		For Colored Vinyl, Add	11.37	
	08MOD-0339		For Tinted Glass, Add	13.65	
	08MOD-0340		For Low-E Insulated Glass, Add	28.43	
	08MOD-0341		For Obscure Glass, Add	31.27	
08560-0448	EA		48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	216.53	46.37
	08MOD-0338		For Colored Vinyl, Add	12.44	
	08MOD-0339		For Tinted Glass, Add	14.93	
	08MOD-0340		For Low-E Insulated Glass, Add	31.11	
	08MOD-0341		For Obscure Glass, Add	34.22	
08560-0449	EA		54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	225.75	47.98
	08MOD-0338		For Colored Vinyl, Add	12.98	
	08MOD-0339		For Tinted Glass, Add	15.57	
	08MOD-0340		For Low-E Insulated Glass, Add	32.45	
	08MOD-0341		For Obscure Glass, Add	35.69	
08560-0450	EA		60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	234.98	49.91
	08MOD-0338		For Colored Vinyl, Add	13.52	
	08MOD-0339		For Tinted Glass, Add	16.22	
	08MOD-0340		For Low-E Insulated Glass, Add	33.79	
	08MOD-0341		For Obscure Glass, Add	37.17	
08560-0451	EA		64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	241.13	51.53
	08MOD-0338		For Colored Vinyl, Add	13.87	
	08MOD-0339		For Tinted Glass, Add	16.65	
	08MOD-0340		For Low-E Insulated Glass, Add	34.68	
	08MOD-0341		For Obscure Glass, Add	38.15	
08560-0452	EA		72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	253.41	53.77
	08MOD-0338		For Colored Vinyl, Add	14.59	
	08MOD-0339		For Tinted Glass, Add	17.50	
	08MOD-0340		For Low-E Insulated Glass, Add	36.46	
	08MOD-0341		For Obscure Glass, Add	40.11	
08560-0453			60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08560-0382)</small>		
08560-0454	EA		36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	214.06	44.44
	08MOD-0338		For Colored Vinyl, Add	12.58	
	08MOD-0339		For Tinted Glass, Add	15.10	
	08MOD-0340		For Low-E Insulated Glass, Add	31.46	
	08MOD-0341		For Obscure Glass, Add	34.60	
08560-0455	EA		48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	227.40	48.30
	08MOD-0338		For Colored Vinyl, Add	13.14	
	08MOD-0339		For Tinted Glass, Add	15.77	
	08MOD-0340		For Low-E Insulated Glass, Add	32.86	
	08MOD-0341		For Obscure Glass, Add	36.15	
08560-0456	EA		54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	236.91	49.91
	08MOD-0338		For Colored Vinyl, Add	13.71	
	08MOD-0339		For Tinted Glass, Add	16.45	
	08MOD-0340		For Low-E Insulated Glass, Add	34.27	
	08MOD-0341		For Obscure Glass, Add	37.70	
08560-0457	EA		60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	246.40	51.85
	08MOD-0338		For Colored Vinyl, Add	14.27	
	08MOD-0339		For Tinted Glass, Add	17.13	
	08MOD-0340		For Low-E Insulated Glass, Add	35.68	
	08MOD-0341		For Obscure Glass, Add	39.25	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0458	EA 64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	252.74	53.45
	08MOD-0338 For Colored Vinyl, Add	14.65	
	08MOD-0339 For Tinted Glass, Add	17.58	
	08MOD-0340 For Low-E Insulated Glass, Add	36.62	
	08MOD-0341 For Obscure Glass, Add	40.28	
08560-0459	EA 72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	265.40	55.71
	08MOD-0338 For Colored Vinyl, Add	15.40	
	08MOD-0339 For Tinted Glass, Add	18.48	
	08MOD-0340 For Low-E Insulated Glass, Add	38.50	
	08MOD-0341 For Obscure Glass, Add	42.34	
08560-0460	Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) <small>(08560-0381)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08560-0461	EA Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	212.36	33.81
	08MOD-0342 For Colored Vinyl, Add	14.47	
	08MOD-0343 For Tinted Glass, Add	17.37	
	08MOD-0344 For Low-E Insulated Glass, Add	36.19	
	08MOD-0345 For Obscure Glass, Add	39.80	
08560-0462	EA >73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	233.32	37.04
	08MOD-0342 For Colored Vinyl, Add	15.93	
	08MOD-0343 For Tinted Glass, Add	19.11	
	08MOD-0344 For Low-E Insulated Glass, Add	39.82	
	08MOD-0345 For Obscure Glass, Add	43.80	
08560-0463	EA >83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	253.01	40.25
	08MOD-0342 For Colored Vinyl, Add	17.25	
	08MOD-0343 For Tinted Glass, Add	20.70	
	08MOD-0344 For Low-E Insulated Glass, Add	43.13	
	08MOD-0345 For Obscure Glass, Add	47.44	
08560-0464	EA >93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	267.83	43.47
	08MOD-0342 For Colored Vinyl, Add	18.09	
	08MOD-0343 For Tinted Glass, Add	21.71	
	08MOD-0344 For Low-E Insulated Glass, Add	45.22	
	08MOD-0345 For Obscure Glass, Add	49.74	
08560-0465	EA >101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	283.34	46.70
	08MOD-0342 For Colored Vinyl, Add	19.00	
	08MOD-0343 For Tinted Glass, Add	22.80	
	08MOD-0344 For Low-E Insulated Glass, Add	47.49	
	08MOD-0345 For Obscure Glass, Add	52.24	
08560-0466	EA >110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	307.06	49.91
	08MOD-0342 For Colored Vinyl, Add	20.72	
	08MOD-0343 For Tinted Glass, Add	24.87	
	08MOD-0344 For Low-E Insulated Glass, Add	51.81	
	08MOD-0345 For Obscure Glass, Add	56.99	
08560-0467	UI >120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	2.57	0.42
	08MOD-0342 For Colored Vinyl, Add	0.17	
	08MOD-0343 For Tinted Glass, Add	0.21	
	08MOD-0344 For Low-E Insulated Glass, Add	0.43	
	08MOD-0345 For Obscure Glass, Add	0.48	
08560-0468	Basement Vinyl Windows <small>(08560-0001)</small>		
08560-0469	New Construction, Basement Vinyl Windows (Silver Line 5900) <small>(08560-0468)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08560-0470	EA 32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	128.28	25.76
	08MOD-0338 For Colored Vinyl, Add	7.68	
	08MOD-0339 For Tinted Glass, Add	9.21	
	08MOD-0340 For Low-E Insulated Glass, Add	19.19	
	08MOD-0341 For Obscure Glass, Add	21.11	
08560-0471	EA 32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	137.24	25.76
	08MOD-0338 For Colored Vinyl, Add	8.57	
	08MOD-0339 For Tinted Glass, Add	10.29	
	08MOD-0340 For Low-E Insulated Glass, Add	21.43	
	08MOD-0341 For Obscure Glass, Add	23.57	
08560-0472	EA 32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	142.35	25.76
	08MOD-0338 For Colored Vinyl, Add	9.08	
	08MOD-0339 For Tinted Glass, Add	10.90	
	08MOD-0340 For Low-E Insulated Glass, Add	22.71	
	08MOD-0341 For Obscure Glass, Add	24.98	
08560-0473	Replacement, Basement Vinyl Windows <small>(08560-0468)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08560-0474	EA Up To 47" UI, Replacement, Basement Vinyl Window.....	158.97	165.83
	08MOD-0342 For Colored Vinyl, Add	10.87	
	08MOD-0343 For Tinted Glass, Add	13.05	
	08MOD-0344 For Low-E Insulated Glass, Add	27.18	
	08MOD-0345 For Obscure Glass, Add	29.90	

08000 Doors And Windows**08500 Windows****08560 Plastic Windows**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08560-0475	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	177.56	28.98
		08MOD-0342 For Colored Vinyl, Add	11.96	
		08MOD-0343 For Tinted Glass, Add	14.35	
		08MOD-0344 For Low-E Insulated Glass, Add	29.90	
		08MOD-0345 For Obscure Glass, Add	32.89	
08560-0476	UI	>55" UI, Replacement, Basement Vinyl Window	3.01	0.42
		08MOD-0342 For Colored Vinyl, Add	0.22	
		08MOD-0343 For Tinted Glass, Add	0.26	
		08MOD-0344 For Low-E Insulated Glass, Add	0.54	
		08MOD-0345 For Obscure Glass, Add	0.60	
08560-0477		Accessories For Vinyl Windows (08560-0001)		
08560-0478		Insect Screens For Vinyl Windows (08560-0477)		
08560-0479	EA	Up To 6 SF, Insect Screen For Vinyl Windows	24.50	6.43
08560-0480	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	31.48	6.43
08560-0481	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	33.80	6.43
08560-0482	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	38.45	6.43
08560-0483	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	48.92	6.43
08560-0484	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	53.57	6.43
08560-0485	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	60.55	6.43
08560-0486	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	65.20	6.43
08560-0487	SF	>35 SF, Insect Screen For Vinyl Windows	1.95	0.13
08560-0488		Factory Installed Grilles For Vinyl Windows (08560-0477)		
08560-0489		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows (08560-0488)		
08560-0490	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	17.91	
08560-0491	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	23.03	
08560-0492	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	29.65	
08560-0493	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	35.00	
08560-0494	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	43.03	
08560-0495		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows (08560-0488)		
08560-0496	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	40.70	
08560-0497	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	48.84	
08560-0498	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	61.63	
08560-0499	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	76.75	
08560-0500	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	91.87	
08580 Special Function Windows (08500)				
08580-0001		Security Window Screens (08580)		
		Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.		
08580-0002		Wire Mesh Security Screen (08580-0001)		
08580-0003		Wire Mesh, Inoperable, Security Window Screen (08580-0002)		
08580-0004	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	13.47	3.56
		08MOD-0125 For Painted Steel, Add	0.87	
		08MOD-0126 For Galvanized Steel, Add	1.74	
		08MOD-0127 For Aluminum, Add	3.49	
		08MOD-0128 For Stainless Steel, Add	15.26	
08580-0005	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	13.72	3.56
		08MOD-0125 For Painted Steel, Add	0.90	
		08MOD-0126 For Galvanized Steel, Add	1.79	
		08MOD-0127 For Aluminum, Add	3.59	
		08MOD-0128 For Stainless Steel, Add	15.70	
08580-0006	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	14.87	3.56
		08MOD-0125 For Painted Steel, Add	1.01	
		08MOD-0126 For Galvanized Steel, Add	2.02	
		08MOD-0127 For Aluminum, Add	4.05	
		08MOD-0128 For Stainless Steel, Add	17.71	
08580-0007	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	17.33	3.56
		08MOD-0125 For Painted Steel, Add	1.26	
		08MOD-0126 For Galvanized Steel, Add	2.52	
		08MOD-0127 For Aluminum, Add	5.03	
		08MOD-0128 For Stainless Steel, Add	22.02	
08580-0008		Wire Mesh, Operable, Security Window Screen (08580-0002)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08580-0009 SF 13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	18.75	4.36
08MOD-0125 For Painted Steel, Add	1.24	
08MOD-0126 For Galvanized Steel, Add	2.48	
08MOD-0127 For Aluminum, Add	4.97	
08MOD-0128 For Stainless Steel, Add	21.74	
08580-0010 SF 11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.13	4.36
08MOD-0125 For Painted Steel, Add	1.28	
08MOD-0126 For Galvanized Steel, Add	2.56	
08MOD-0127 For Aluminum, Add	5.12	
08MOD-0128 For Stainless Steel, Add	22.40	
08580-0011 SF 9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	20.78	4.36
08MOD-0125 For Painted Steel, Add	1.45	
08MOD-0126 For Galvanized Steel, Add	2.89	
08MOD-0127 For Aluminum, Add	5.78	
08MOD-0128 For Stainless Steel, Add	25.29	
08580-0012 SF 6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	24.23	4.36
08MOD-0125 For Painted Steel, Add	1.79	
08MOD-0126 For Galvanized Steel, Add	3.58	
08MOD-0127 For Aluminum, Add	7.16	
08MOD-0128 For Stainless Steel, Add	31.33	
08580-0013 Wire Cloth Security Screen (08580-0001)		
Note: Wire cloth has from 10 to 12 strands per 1"		
08580-0014 Wire Cloth, Inoperable, Security Window Screens (08580-0013)		
08580-0015 SF 24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.16	2.38
08MOD-0129 For Painted Steel, Add	0.26	
08MOD-0130 For Galvanized Steel, Add	0.78	
08MOD-0131 For Aluminum, Add	1.56	
08MOD-0132 For Stainless Steel, Add	6.50	
08580-0016 SF 22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.51	2.38
08MOD-0129 For Painted Steel, Add	0.28	
08MOD-0130 For Galvanized Steel, Add	0.83	
08MOD-0131 For Aluminum, Add	1.67	
08MOD-0132 For Stainless Steel, Add	6.94	
08580-0017 SF 20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	10.06	2.38
08MOD-0129 For Painted Steel, Add	0.31	
08MOD-0130 For Galvanized Steel, Add	0.92	
08MOD-0131 For Aluminum, Add	1.83	
08MOD-0132 For Stainless Steel, Add	7.63	
08580-0018 SF 18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	11.11	2.38
08MOD-0129 For Painted Steel, Add	0.36	
08MOD-0130 For Galvanized Steel, Add	1.07	
08MOD-0131 For Aluminum, Add	2.15	
08MOD-0132 For Stainless Steel, Add	8.94	
08580-0019 Wire Cloth, Operable, Security Window Screens (08580-0013)		
08580-0020 SF 24 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	12.16	3.17
08MOD-0129 For Painted Steel, Add	0.37	
08MOD-0130 For Galvanized Steel, Add	1.11	
08MOD-0131 For Aluminum, Add	2.22	
08MOD-0132 For Stainless Steel, Add	9.26	
08580-0021 SF 22 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	12.70	3.17
08MOD-0129 For Painted Steel, Add	0.40	
08MOD-0130 For Galvanized Steel, Add	1.19	
08MOD-0131 For Aluminum, Add	2.39	
08MOD-0132 For Stainless Steel, Add	9.94	
08580-0022 SF 20 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	13.45	3.17
08MOD-0129 For Painted Steel, Add	0.44	
08MOD-0130 For Galvanized Steel, Add	1.31	
08MOD-0131 For Aluminum, Add	2.61	
08MOD-0132 For Stainless Steel, Add	10.88	
08580-0023 SF 18 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	14.95	3.17
08MOD-0129 For Painted Steel, Add	0.51	
08MOD-0130 For Galvanized Steel, Add	1.53	
08MOD-0131 For Aluminum, Add	3.06	
08MOD-0132 For Stainless Steel, Add	12.75	
08580-0024 Expanded Metal Security Screen (08580-0001)		
Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08580-0025 Expanded Metal, Inoperable, Security Screen (08580-0024)		
08580-0026 SF 1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	17.28	5.94
08MOD-0133 For Painted Steel, Add	0.51	
08MOD-0134 For Galvanized Steel, Add	1.52	
08MOD-0135 For Aluminum, Add	3.05	
08MOD-0136 For Stainless Steel, Add	12.69	
08580-0027 SF 1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	20.31	7.13
08MOD-0133 For Painted Steel, Add	0.58	
08MOD-0134 For Galvanized Steel, Add	1.74	
08MOD-0135 For Aluminum, Add	3.48	
08MOD-0136 For Stainless Steel, Add	14.50	

08000 Doors And Windows**08500 Windows****08580 Special Function Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08580-0028	SF	3/4"	#13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	22.95	8.71
	08MOD-0133		For Painted Steel, Add	0.63	
	08MOD-0134		For Galvanized Steel, Add	1.90	
	08MOD-0135		For Aluminum, Add	3.80	
	08MOD-0136		For Stainless Steel, Add	15.81	
08580-0029	SF	3/4"	#9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen.....	27.13	10.30
	08MOD-0133		For Painted Steel, Add	0.72	
	08MOD-0134		For Galvanized Steel, Add	2.17	
	08MOD-0135		For Aluminum, Add	4.34	
	08MOD-0136		For Stainless Steel, Add	18.06	
08580-0030	SF	1-1/2"	#9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	25.28	9.90
	08MOD-0133		For Painted Steel, Add	0.67	
	08MOD-0134		For Galvanized Steel, Add	2.01	
	08MOD-0135		For Aluminum, Add	4.02	
	08MOD-0136		For Stainless Steel, Add	16.75	
08580-0031	SF	3 LB/SF	Expanded Metal, Inoperable, Steel Security Window Screen	31.91	12.68
	08MOD-0133		For Painted Steel, Add	0.84	
	08MOD-0134		For Galvanized Steel, Add	2.53	
	08MOD-0135		For Aluminum, Add	5.06	
	08MOD-0136		For Stainless Steel, Add	21.06	
08580-0032			Expanded Metal, Operable, Security Screen (08580-0024)		
08580-0033	SF	1/4"	#18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen.....	23.16	7.13
	08MOD-0133		For Painted Steel, Add	0.72	
	08MOD-0134		For Galvanized Steel, Add	2.17	
	08MOD-0135		For Aluminum, Add	4.34	
	08MOD-0136		For Stainless Steel, Add	18.06	
08580-0034	SF	1/2"	#13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	26.85	8.71
	08MOD-0133		For Painted Steel, Add	0.83	
	08MOD-0134		For Galvanized Steel, Add	2.48	
	08MOD-0135		For Aluminum, Add	4.97	
	08MOD-0136		For Stainless Steel, Add	20.69	
08580-0035	SF	3/4"	#13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	29.93	9.90
	08MOD-0133		For Painted Steel, Add	0.90	
	08MOD-0134		For Galvanized Steel, Add	2.71	
	08MOD-0135		For Aluminum, Add	5.42	
	08MOD-0136		For Stainless Steel, Add	22.56	
08580-0036	SF	1-1/2"	#9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen.....	32.56	11.09
	08MOD-0133		For Painted Steel, Add	0.96	
	08MOD-0134		For Galvanized Steel, Add	2.87	
	08MOD-0135		For Aluminum, Add	5.73	
	08MOD-0136		For Stainless Steel, Add	23.88	
08580-0037	SF	3/4"	#9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen.....	35.65	12.68
	08MOD-0133		For Painted Steel, Add	1.03	
	08MOD-0134		For Galvanized Steel, Add	3.09	
	08MOD-0135		For Aluminum, Add	6.18	
	08MOD-0136		For Stainless Steel, Add	25.74	
08580-0038	SF	3 LB/SF	Expanded Metal, Operable, Steel Security Window Screen	40.64	13.87
	08MOD-0133		For Painted Steel, Add	1.20	
	08MOD-0134		For Galvanized Steel, Add	3.60	
	08MOD-0135		For Aluminum, Add	7.20	
	08MOD-0136		For Stainless Steel, Add	30.00	
08580-0039			Perforated Metal Security Screen (08580-0001)		
08580-0040			Perforated Metal, Inoperable, Steel Security Window Screen (08580-0039)		
08580-0041	SF	22 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	14.85	3.56
	08MOD-0137		For Painted Steel, Add	0.51	
	08MOD-0138		For Galvanized Steel, Add	1.52	
	08MOD-0139		For Aluminum, Add	3.03	
	08MOD-0140		For Stainless Steel, Add	10.10	
08580-0042	SF	20 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.25	3.56
	08MOD-0137		For Painted Steel, Add	0.53	
	08MOD-0138		For Galvanized Steel, Add	1.58	
	08MOD-0139		For Aluminum, Add	3.15	
	08MOD-0140		For Stainless Steel, Add	10.50	
08580-0043	SF	18 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	16.60	3.56
	08MOD-0137		For Painted Steel, Add	0.59	
	08MOD-0138		For Galvanized Steel, Add	1.78	
	08MOD-0139		For Aluminum, Add	3.56	
	08MOD-0140		For Stainless Steel, Add	11.85	
08580-0044	SF	16 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	19.15	3.56
	08MOD-0137		For Painted Steel, Add	0.72	
	08MOD-0138		For Galvanized Steel, Add	2.16	
	08MOD-0139		For Aluminum, Add	4.32	
	08MOD-0140		For Stainless Steel, Add	14.40	
08580-0045			Perforated Metal, Operable, Steel Security Window Screen (08580-0039)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08580-0046 SF 22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	20.68	4.36
08MOD-0137 For Painted Steel, Add	0.72	
08MOD-0138 For Galvanized Steel, Add	2.15	
08MOD-0139 For Aluminum, Add	4.31	
08MOD-0140 For Stainless Steel, Add	14.35	
08580-0047 SF 20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.38	4.36
08MOD-0137 For Painted Steel, Add	0.75	
08MOD-0138 For Galvanized Steel, Add	2.26	
08MOD-0139 For Aluminum, Add	4.52	
08MOD-0140 For Stainless Steel, Add	15.05	
08580-0048 SF 18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	23.13	4.36
08MOD-0137 For Painted Steel, Add	0.84	
08MOD-0138 For Galvanized Steel, Add	2.52	
08MOD-0139 For Aluminum, Add	5.04	
08MOD-0140 For Stainless Steel, Add	16.80	
08580-0049 SF 16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	26.78	4.36
08MOD-0137 For Painted Steel, Add	1.02	
08MOD-0138 For Galvanized Steel, Add	3.07	
08MOD-0139 For Aluminum, Add	6.14	
08MOD-0140 For Stainless Steel, Add	20.45	
08580-0050 Remove And Reinstall Security Screens And Guards (08580-0001)		
08580-0051 SF Remove And Reinstall Security Screens	9.96	
08580-0052 Bullet Resistant Pass Through Service Window, Steel Frame (08580)		
08580-0053 EA 24" x 36", Bullet Resistant Pass Through Service Window, Steel Frame	2,362.47	475.29
08580-0054 EA 48" x 40" Pass Through Service Window, Bullet Resistant Steel Frame	3,378.67	633.72
08580-0055 EA 72" x 40", Bullet Resistant Pass Through Service Window, Steel Frame	4,639.18	950.58
08580-0056 Communicator For Window (08580)		
08580-0057 EA Electronic Two-Way Talk-thru Hands-Free Audio Communicator; Haven Model SC-350	1,288.26	158.43
Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.		
08580-0058 EA Electronic Two-Way Audio Communicator; Haven Model SC-300	1,136.11	158.43
Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.		
08590 Window Restoration (08500)		
08590-0001 Window Restoration And Replacement (08590)		
08590-0002 EA Remove And Replace Sash Guides	7.24	
08590-0003 EA Remove And Replace Window Arms	20.60	
08590-0004 EA Remove And Replace Window Crank Operator	22.26	
08590-0005 EA Remove And Replace Brass Window Sash Pull	14.39	
08590-0006 EA Remove And Replace Brass Window Sash Lock	12.88	
08590-0007 EA Remove And Replace Window Balance, Removable Sash Window	15.34	
Note: Channel, spiral or coil balance.		
08590-0008 EA Remove And Replace Window Balance, Sash Window Requiring The Removal And Replacement Of Wooden Stops And/Or Casing	47.54	
Note: Channel, spiral or coil balance.		
08MOD-0402 For Replacing Two Balances In One Window, Deduct	-17.78	
08600 Skylights (08000)		
Note: Includes hardware, caulk, sealant and necessary anchors.		
08620 Unit Skylights (08600)		
08620-0001 Plastic Skylights (08620)		
08620-0002 Single Thickness (08620-0001)		
Note: Excludes mounting curb		
08620-0003 SF Plastic Skylight, < 10 SF, Single Thickness	25.88	6.22
08MOD-0141 For Integral Insulation 6" Curb, Add	4.58	
08MOD-0142 For Integral Insulation 9" Curb, Add	5.43	
08620-0004 SF Plastic Skylight, 10 SF Through 20 SF, Single Thickness	16.57	2.48
08MOD-0141 For Integral Insulation 6" Curb, Add	4.17	
08MOD-0142 For Integral Insulation 9" Curb, Add	4.94	
08620-0005 SF Plastic Skylight, 21 SF Through 30 SF, Single Thickness	14.62	2.14
08MOD-0141 For Integral Insulation 6" Curb, Add	3.75	
08MOD-0142 For Integral Insulation 9" Curb, Add	4.44	
08620-0006 SF Plastic Skylight, 31 SF Through 65 SF, Single Thickness	12.39	1.66
08MOD-0141 For Integral Insulation 6" Curb, Add	3.33	
08MOD-0142 For Integral Insulation 9" Curb, Add	3.95	

08000 Doors And Windows**08600 Skylights****08620 Unit Skylights**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08620-0007		Double Thickness <small>(08620-0001)</small> Note: Excludes mounting curb		
08620-0008	SF	Plastic Skylight, < 10 SF, Double Thickness.....	31.27	7.67
		<i>08MOD-0142 For Integral Insulation 9" Curb, Add</i>	6.42	
08620-0009	SF	Plastic Skylight, 10 SF Through 20 SF, Double Thickness.....	20.18	3.18
		<i>08MOD-0142 For Integral Insulation 9" Curb, Add</i>	5.92	
08620-0010	SF	Plastic Skylight, 21 SF Through 30 SF, Double Thickness.....	17.66	2.48
		<i>08MOD-0142 For Integral Insulation 9" Curb, Add</i>	5.43	
08620-0011	SF	Plastic Skylight, 31 SF Through 65 SF, Double Thickness.....	15.72	2.14
		<i>08MOD-0142 For Integral Insulation 9" Curb, Add</i>	4.94	
08630		Metal Framed Skylights <small>(08600)</small>		
08630-0001		Continuous Vaulted Metal Framed Skylights, Semicircular <small>(08630)</small>		
08630-0002	SF	Continuous Vaulted Semi-Circular Skylight Single Glazed To 8' Wide.....	40.08	6.22
		<i>08MOD-0143 For Aluminum Frame, Add</i>	2.63	
08630-0003	SF	Continuous Vaulted Semi-Circular Skylight Double Glazed To 8' Wide.....	47.34	6.84
		<i>08MOD-0143 For Aluminum Frame, Add</i>	3.21	
08630-0004	SF	Continuous Vaulted Semi-Circular Skylight Single Glazed, 9' - 20' Wide.....	57.86	5.66
		<i>08MOD-0143 For Aluminum Frame, Add</i>	4.52	
08630-0005	SF	Continuous Vaulted Semi-Circular Skylight Single Glazed, Over 20' Wide.....	62.11	4.98
		<i>08MOD-0143 For Aluminum Frame, Add</i>	5.11	
08630-0006		Pyramid Type Metal Framed Skylights, Self Supporting <small>(08630)</small>		
08630-0007	SF	Pyramid Skylight, Single Glazed - Self Supporting, Clear Opening.....	53.67	8.23
		<i>08MOD-0143 For Aluminum Frame, Add</i>	4.03	
08630-0008		Grid Type Metal Framed Skylights, 4' x 10' Modules <small>(08630)</small>		
08630-0009	SF	Grid Skylight, With 4' x 10' Module.....	40.58	5.46
		<i>08MOD-0143 For Aluminum Frame, Add</i>	3.14	
08630-0010		Preformed Acrylic Metal Framed Skylights <small>(08630)</small>		
08630-0011	SF	Preformed Acrylic Skylight.....	29.40	4.49
		<i>08MOD-0143 For Aluminum Frame, Add</i>	2.04	
08631		Wood-Framed Skylights (Andersen 400 Series) <small>(08600)</small>		
08631-0001	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	331.33	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	42.58	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	34.06	
08631-0002	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	338.29	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	44.32	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	35.46	
08631-0003	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	321.77	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	40.19	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	32.15	
08631-0004	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	343.50	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	45.62	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	36.50	
08631-0005	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	361.75	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	50.19	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	40.15	
08631-0006	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	391.29	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	57.57	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	46.06	
08631-0007	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	428.66	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	66.91	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	53.53	
08631-0008	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	321.77	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	40.19	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	32.15	
08631-0009	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	366.09	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	51.27	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	41.02	
08631-0010	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	391.29	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	57.57	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	46.06	
08631-0011	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	419.97	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	64.74	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	51.79	
08631-0012	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	458.21	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	74.30	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	59.44	
08631-0013	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	331.33	80.51
		<i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i>	42.58	
		<i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	34.06	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08631-0014	EA 38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	343.50 45.62 36.50	80.51
08631-0015	EA 38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	366.09 51.27 41.02	80.51
08631-0016	EA 44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	446.04 71.26 57.01	80.51
08631-0017	EA 46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	338.29 44.32 35.46	80.51
08631-0018	EA 46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	361.75 50.19 40.15	80.51
08631-0019	EA 46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	391.29 57.57 46.06	80.51
08631-0020	EA 46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	446.04 71.26 57.01	80.51
08631-0021	EA 57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	391.29 57.57 46.06	80.51
08631-0022	EA 57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	419.97 64.74 51.79	80.51
08631-0023	EA 72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	428.66 66.91 53.53	80.51
08631-0024	EA 72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>08MOD-0381 For Tempered Laminated Low-E Insulated Glass, Add</i> <i>08MOD-0382 For Aluminum Shingle Flashing, Add</i>	458.21 74.30 59.44	80.51

08700 Hardware And Specialties (08000)

08710 Finish Hardware (08700)

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted.

08710-0001 Hinges (08710)

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs.

08710-0002 Brass/Bronze, Satin Chrome Finish Hinges (08710-0001)

Note: US26D (BHMA 626) satin chrome finish.

08710-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish

Hinges (08710-0002)

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08710-0004	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	51.73	4.51
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	3.91	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0005	PR 4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	56.80	6.44
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	4.35	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0006	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	62.76	7.09
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	3.63	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	

08710-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish

Hinges (08710-0002)

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08710-0008	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	60.08	4.51
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	5.01	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0009	PR 4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	67.99	6.44
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	5.01	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0010	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	68.42	7.09
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	4.43	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0011	PR 5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	79.93	8.37
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	5.18	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0012	PR 5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	80.49	8.37
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	5.26	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	
08710-0013	PR 6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	86.93	10.76
	<i>08MOD-0144 For Clear Coated Bright Brass, Add</i>	6.16	
	<i>08MOD-0151 For Pair Of Non-Removable Pins, Add</i>	6.00	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0014		Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08710-0002)</small>		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08710-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	68.70	4.51
08710-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	76.61	6.44
08710-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	77.80	7.09
08710-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	90.27	8.37
08710-0019		Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08710-0002)</small>		
		Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08710-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	137.66	7.09
		08MOD-0144 For Clear Coated Bright Brass, Add	14.12	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	154.87	8.37
		08MOD-0144 For Clear Coated Bright Brass, Add	15.67	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	85.09	8.37
		08MOD-0144 For Clear Coated Bright Brass, Add	5.90	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0023		Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08710-0002)</small>		
		Note: Mortised into the edge of the door and surface applied to the face of the frame.		
08710-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	124.76	7.09
		08MOD-0144 For Clear Coated Bright Brass, Add	12.31	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	147.33	8.37
		08MOD-0144 For Clear Coated Bright Brass, Add	14.62	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0026		Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge <small>(08710-0002)</small>		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08710-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	86.74	7.09
		08MOD-0144 For Clear Coated Bright Brass, Add	6.99	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	100.19	10.76
		08MOD-0144 For Clear Coated Bright Brass, Add	8.02	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	139.95	10.76
		08MOD-0144 For Clear Coated Bright Brass, Add	13.58	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0030		Mortised, Wrought Steel Hinges <small>(08710-0001)</small>		
		Note: Clear coated, US 26D satin chrome finish (BHMA 652)		
08710-0031		Full Mortise, Plain Bearing, Wrought Steel Hinges <small>(08710-0030)</small>		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08710-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	30.88	4.51
		08MOD-0145 For Primed For Paint Finish, Deduct	-1.32	
		08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	0.82	
		08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-0.79	
		08MOD-0148 For Stainless Steel, Add	3.62	
		08MOD-0149 For Heavy Duty, Add	0.99	
		08MOD-0150 For Extra Heavy Duty, Add	2.63	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	39.47	6.44
		08MOD-0145 For Primed For Paint Finish, Deduct	-1.45	
		08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	0.91	
		08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-0.87	
		08MOD-0148 For Stainless Steel, Add	3.99	
		08MOD-0149 For Heavy Duty, Add	1.09	
		08MOD-0150 For Extra Heavy Duty, Add	2.90	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	45.65	7.09
		08MOD-0145 For Primed For Paint Finish, Deduct	-1.77	
		08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	1.11	
		08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-1.06	
		08MOD-0148 For Stainless Steel, Add	4.87	
		08MOD-0149 For Heavy Duty, Add	1.33	
		08MOD-0150 For Extra Heavy Duty, Add	3.54	
		08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0035		Full Mortise, Ball Bearing, Wrought Steel Hinges <small>(08710-0030)</small>		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0036	PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	48.27	4.51
	08MOD-0145 For Primed For Paint Finish, Deduct	-4.79	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	3.00	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-2.88	
	08MOD-0148 For Stainless Steel, Add	13.18	
	08MOD-0149 For Heavy Duty, Add	3.60	
	08MOD-0150 For Extra Heavy Duty, Add	9.59	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0037	PR 4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	59.36	6.44
	08MOD-0145 For Primed For Paint Finish, Deduct	-5.43	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	3.39	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-3.26	
	08MOD-0148 For Stainless Steel, Add	14.93	
	08MOD-0149 For Heavy Duty, Add	4.07	
	08MOD-0150 For Extra Heavy Duty, Add	10.86	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0038	PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	63.13	7.09
	08MOD-0145 For Primed For Paint Finish, Deduct	-5.27	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	3.29	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-3.16	
	08MOD-0148 For Stainless Steel, Add	14.48	
	08MOD-0149 For Heavy Duty, Add	3.95	
	08MOD-0150 For Extra Heavy Duty, Add	10.53	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0039	PR 5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	82.62	8.37
	08MOD-0145 For Primed For Paint Finish, Deduct	-7.94	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	4.96	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-4.76	
	08MOD-0148 For Stainless Steel, Add	21.83	
	08MOD-0149 For Heavy Duty, Add	5.95	
	08MOD-0150 For Extra Heavy Duty, Add	15.88	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0040	PR 5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	88.23	8.37
	08MOD-0145 For Primed For Paint Finish, Deduct	-9.06	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	5.66	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-5.44	
	08MOD-0148 For Stainless Steel, Add	24.92	
	08MOD-0149 For Heavy Duty, Add	6.80	
	08MOD-0150 For Extra Heavy Duty, Add	18.12	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0041	PR 6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	105.31	8.37
	08MOD-0145 For Primed For Paint Finish, Deduct	-12.48	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	7.80	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-7.49	
	08MOD-0148 For Stainless Steel, Add	34.31	
	08MOD-0149 For Heavy Duty, Add	9.36	
	08MOD-0150 For Extra Heavy Duty, Add	24.95	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0042	Half Surface, Plain Bearing, Wrought Steel Hinges <small>(08710-0030)</small>		
	Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08710-0043	PR 3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	58.32	4.51
	08MOD-0145 For Primed For Paint Finish, Deduct	-6.80	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	4.25	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-4.08	
	08MOD-0148 For Stainless Steel, Add	18.71	
	08MOD-0149 For Heavy Duty, Add	5.10	
	08MOD-0150 For Extra Heavy Duty, Add	13.61	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0044	PR 4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	70.77	6.44
	08MOD-0145 For Primed For Paint Finish, Deduct	-7.71	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	4.82	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-4.63	
	08MOD-0148 For Stainless Steel, Add	21.21	
	08MOD-0149 For Heavy Duty, Add	5.78	
	08MOD-0150 For Extra Heavy Duty, Add	15.42	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0045	PR 4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	79.90	7.09
	08MOD-0145 For Primed For Paint Finish, Deduct	-8.62	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	5.39	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-5.17	
	08MOD-0148 For Stainless Steel, Add	23.71	
	08MOD-0149 For Heavy Duty, Add	6.47	
	08MOD-0150 For Extra Heavy Duty, Add	17.24	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	
08710-0046	PR 5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	90.56	8.37
	08MOD-0145 For Primed For Paint Finish, Deduct	-9.53	
	08MOD-0146 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	5.95	
	08MOD-0147 For Satin Brass Plated Clear Coated Finish, Deduct	-5.72	
	08MOD-0148 For Stainless Steel, Add	26.20	
	08MOD-0149 For Heavy Duty, Add	7.14	
	08MOD-0150 For Extra Heavy Duty, Add	19.05	
	08MOD-0151 For Pair Of Non-Removable Pins, Add	6.00	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0047		Half Surface, Ball Bearing, Wrought Steel Hinges (08710-0030) Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08710-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	80.98	7.09
	08MOD-0145	For Primed For Paint Finish, Deduct	-9.75	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	6.10	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-5.85	
	08MOD-0148	For Stainless Steel, Add	26.82	
	08MOD-0149	For Heavy Duty, Add	7.32	
	08MOD-0150	For Extra Heavy Duty, Add	19.51	
	08MOD-0151	For Pair Of Non-Removable Pins, Add	6.00	
08710-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	90.76	7.09
	08MOD-0145	For Primed For Paint Finish, Deduct	-10.79	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	6.75	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-6.48	
	08MOD-0148	For Stainless Steel, Add	29.68	
	08MOD-0149	For Heavy Duty, Add	8.09	
	08MOD-0150	For Extra Heavy Duty, Add	21.58	
	08MOD-0151	For Pair Of Non-Removable Pins, Add	6.00	
08710-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	105.31	8.37
	08MOD-0145	For Primed For Paint Finish, Deduct	-12.48	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	7.80	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-7.49	
	08MOD-0148	For Stainless Steel, Add	34.31	
	08MOD-0149	For Heavy Duty, Add	9.36	
	08MOD-0150	For Extra Heavy Duty, Add	24.95	
	08MOD-0151	For Pair Of Non-Removable Pins, Add	6.00	
08710-0051		Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges (08710-0030) Note: Both leaves slide into a cavity prepared in the door and door frame.		
08710-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	63.99	7.09
	08MOD-0145	For Primed For Paint Finish, Deduct	-5.44	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	3.40	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-3.26	
	08MOD-0148	For Stainless Steel, Add	14.95	
	08MOD-0149	For Heavy Duty, Add	4.08	
	08MOD-0150	For Extra Heavy Duty, Add	10.88	
	08MOD-0151	For Pair Of Non-Removable Pins, Add	6.00	
08710-0053		Blank Butt Hinges (08710-0030)		
08710-0054	PR	3.5" x 3.5" To 5" x 5", Blank Butt With Screws, Steel Hinge.....	14.98	2.89
	08MOD-0145	For Primed For Paint Finish, Deduct	-0.69	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	0.43	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-0.42	
	08MOD-0148	For Stainless Steel, Add	1.90	
	08MOD-0149	For Heavy Duty, Add	0.52	
	08MOD-0150	For Extra Heavy Duty, Add	1.38	
	08MOD-0151	For Pair Of Non-Removable Pins, Add	6.00	
08710-0055		Full Mortise, Single Acting Spring, Wrought Steel Hinges (08710-0030) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08710-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	50.27	4.51
	08MOD-0145	For Primed For Paint Finish, Deduct	-5.19	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	3.25	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-3.12	
	08MOD-0148	For Stainless Steel, Add	14.28	
08710-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	66.18	6.44
	08MOD-0145	For Primed For Paint Finish, Deduct	-6.79	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	4.25	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-4.08	
	08MOD-0148	For Stainless Steel, Add	18.68	
08710-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	86.77	7.09
	08MOD-0145	For Primed For Paint Finish, Deduct	-9.99	
	08MOD-0146	For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	6.25	
	08MOD-0147	For Satin Brass Plated Clear Coated Finish, Deduct	-6.00	
	08MOD-0148	For Stainless Steel, Add	27.48	
08710-0059		Offset And Pivot Hinges (08710-0001) Note: Satin chrome plated, US26D		
08710-0060		Offset Swing Clear Hinges (08710-0059) Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08710-0061	EA	4-1/2", Swing Clear, Offset Hinges	78.16	2.01
08710-0062		Offset Pivot Hinges (08710-0059)		
08710-0063		3/4" Offset Pivot Hinges (08710-0062)		
08710-0064		3/4" Offset Pivot Hinges (08710-0063)		
08710-0065		Top Mount, 3/4" Offset Pivot Hinges (08710-0064)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0066 200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08710-0065)</small>		
08710-0067 EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	71.49	6.44
08710-0068 EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	95.47	6.44
08710-0069 EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	108.80	6.44
08710-0070 EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	108.80	6.44
08710-0071 EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	108.80	6.44
08710-0072 EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	108.80	6.44
08710-0073 EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	108.80	6.44
08710-0074 EA Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	78.42	6.44
08710-0075 EA Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	99.21	6.44
08710-0076 EA Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	113.06	6.44
08710-0077 EA Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	113.06	6.44
08710-0078 EA Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	113.06	6.44
08710-0079 EA Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	113.06	6.44
08710-0080 EA Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	113.06	6.44
08710-0081 EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	71.49	6.44
08710-0082 EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	95.47	6.44
08710-0083 EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	108.80	6.44
08710-0084 EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	108.80	6.44
08710-0085 EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	108.80	6.44
08710-0086 EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	108.80	6.44
08710-0087 EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	108.80	6.44
08710-0088 500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08710-0065)</small>		
08710-0089 EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	74.71	8.05
08710-0090 EA Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	98.69	8.05
08710-0091 EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	112.02	8.05
08710-0092 EA Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	112.02	8.05
08710-0093 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	112.02	8.05
08710-0094 EA Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	112.02	8.05
08710-0095 EA Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	112.02	8.05
08710-0096 600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08710-0065)</small>		
08710-0097 EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	74.71	8.05
08710-0098 EA Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	98.69	8.05
08710-0099 EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	112.02	8.05
08710-0100 EA Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	112.02	8.05
08710-0101 EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	112.02	8.05
08710-0102 EA Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	112.02	8.05
08710-0103 EA Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	112.02	8.05
08710-0104 700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08710-0065)</small>		
08710-0105 EA Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	74.71	8.05
08710-0106 EA Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	98.69	8.05
08710-0107 EA Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	112.02	8.05
08710-0108 EA Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	112.02	8.05
08710-0109 EA Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	112.02	8.05
08710-0110 EA Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	112.02	8.05
08710-0111 EA Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	112.02	8.05
08710-0112 Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08710-0064)</small>		
08710-0113 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08710-0112)</small>		
08710-0114 EA Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	88.54	6.44
08710-0115 EA Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	108.80	6.44
08710-0116 EA Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	123.18	6.44
08710-0117 EA Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	123.18	6.44
08710-0118 EA Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	123.18	6.44
08710-0119 EA Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	123.18	6.44
08710-0120 EA Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	123.18	6.44
08710-0121 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08710-0112)</small>		
08710-0122 EA Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	98.69	8.05
08710-0123 EA Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	105.09	8.05
08710-0124 EA Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	116.28	8.05
08710-0125 EA Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	116.28	8.05
08710-0126 EA Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	116.28	8.05
08710-0127 EA Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	116.28	8.05



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	116.28	8.05
08710-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges (08710-0112)		
08710-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	98.69	8.05
08710-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	105.09	8.05
08710-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	116.28	8.05
08710-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	116.28	8.05
08710-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	116.28	8.05
08710-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	116.28	8.05
08710-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	116.28	8.05
08710-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges (08710-0112)		
08710-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	98.69	8.05
08710-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	105.09	8.05
08710-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	116.28	8.05
08710-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	116.28	8.05
08710-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	116.28	8.05
08710-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	116.28	8.05
08710-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	116.28	8.05
08710-0145		Bottom Mount, 3/4" Offset Pivot Hinges (08710-0064)		
08710-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08710-0145)		
08710-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	78.42	6.44
08710-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	99.21	6.44
08710-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	113.06	6.44
08710-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	113.06	6.44
08710-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	113.06	6.44
08710-0152	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	78.42	6.44
08710-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	113.06	6.44
08710-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	78.42	6.44
08710-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	99.21	6.44
08710-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	113.06	6.44
08710-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	113.06	6.44
08710-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	113.06	6.44
08710-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	113.06	6.44
08710-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	113.06	6.44
08710-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	68.30	6.44
08710-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	92.28	6.44
08710-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	106.13	6.44
08710-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	106.13	6.44
08710-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	106.13	6.44
08710-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	106.13	6.44
08710-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	106.13	6.44
08710-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08710-0145)		
08710-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	118.95	8.05
08710-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	126.40	8.05
08710-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	126.40	8.05
08710-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	126.40	8.05
08710-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	126.40	8.05
08710-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	126.40	8.05
08710-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	128.53	8.05
08710-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08710-0145)		
08710-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	102.43	8.05
08710-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	112.02	8.05
08710-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	118.95	8.05
08710-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	118.95	8.05
08710-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	118.95	8.05
08710-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	118.95	8.05
08710-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	118.95	8.05
08710-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08710-0145)		
08710-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	232.44	8.05
08710-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	249.49	8.05
08710-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	276.68	8.05
08710-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	276.68	8.05
08710-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	276.68	8.05
08710-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	276.68	8.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0191 EA Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	276.68	8.05
08710-0192 Fire Rated, 3/4" Offset Pivot Hinges (08710-0063)		
08710-0193 Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0192)		
08710-0194 500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0193)		
08710-0195 EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	139.20	8.05
08710-0196 EA Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	164.23	8.05
08710-0197 EA Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	184.49	8.05
08710-0198 EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	184.49	8.05
08710-0199 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	184.49	8.05
08710-0200 600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0193)		
08710-0201 EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	139.20	8.05
08710-0202 EA Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	164.23	8.05
08710-0203 EA Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	184.49	8.05
08710-0204 EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	184.49	8.05
08710-0205 EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	184.49	8.05
08710-0206 700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0193)		
08710-0207 EA Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	139.20	8.05
08710-0208 EA Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	164.23	8.05
08710-0209 EA Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	184.49	8.05
08710-0210 EA Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	184.49	8.05
08710-0211 EA Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	184.49	8.05
08710-0212 1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0193)		
08710-0213 EA Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	146.67	9.66
08710-0214 EA Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	167.45	9.66
08710-0215 EA Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	177.05	9.66
08710-0216 EA Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	177.05	9.66
08710-0217 EA Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	177.05	9.66
08710-0218 1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0193)		
08710-0219 EA Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	146.67	9.66
08710-0220 EA Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	167.45	9.66
08710-0221 EA Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	177.05	9.66
08710-0222 EA Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	177.05	9.66
08710-0223 EA Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	177.05	9.66
08710-0224 Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0192)		
08710-0225 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08710-0224)		
08710-0226 EA Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	143.45	8.05
08710-0227 EA Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	166.90	8.05



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	173.83	8.05
08710-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	173.83	8.05
08710-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	173.83	8.05
08710-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0224)</small>		
08710-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	143.45	8.05
08710-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	166.90	8.05
08710-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	173.83	8.05
08710-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	173.83	8.05
08710-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	173.83	8.05
08710-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0224)</small>		
08710-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	143.45	8.05
08710-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	166.90	8.05
08710-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	173.83	8.05
08710-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	173.83	8.05
08710-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	173.83	8.05
08710-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0224)</small>		
08710-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	160.53	9.66
08710-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	184.51	9.66
08710-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	190.90	9.66
08710-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	190.90	9.66
08710-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	190.90	9.66
08710-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0224)</small>		
08710-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	160.53	9.66
08710-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	184.51	9.66
08710-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	190.90	9.66
08710-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	190.90	9.66
08710-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	190.90	9.66
08710-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0192)</small>		
08710-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0255)</small>		
08710-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	159.98	8.05
08710-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	197.81	8.05
08710-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	212.20	8.05
08710-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	212.20	8.05
08710-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	212.20	8.05
08710-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0255)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	157.31	8.05
08710-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	166.90	8.05
08710-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	191.42	8.05
08710-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	191.42	8.05
08710-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	191.42	8.05
08710-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0255)</small>		
08710-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	180.78	9.66
08710-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	201.03	9.66
08710-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	208.49	9.66
08710-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	208.49	9.66
08710-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	208.49	9.66
08710-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08710-0255)</small>		
08710-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	255.92	9.66
08710-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	272.97	9.66
08710-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	279.90	9.66
08710-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	279.90	9.66
08710-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	279.90	9.66
08710-0280		1-1/2" Offset Pivot Hinges <small>(08710-0062)</small>		
08710-0281		Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0280)</small>		
08710-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0281)</small>		
08710-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0282)</small>		
08710-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	164.23	8.05
08710-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	177.56	8.05
08710-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	187.68	8.05
08710-0287	EA	Bright Brass Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	187.68	8.05
08710-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	187.68	8.05
08710-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0282)</small>		
08710-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	164.23	8.05
08710-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	177.56	8.05
08710-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	187.68	8.05
08710-0293	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	187.68	8.05
08710-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	187.68	8.05
08710-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0281)</small>		
08710-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0295)</small>		
08710-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	170.63	8.05
08710-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	191.42	8.05
08710-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	201.54	8.05



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	201.54	8.05
08710-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	201.54	8.05
08710-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0295)</small>		
08710-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	170.63	8.05
08710-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	191.42	8.05
08710-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	201.54	8.05
08710-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	201.54	8.05
08710-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	201.54	8.05
08710-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0281)</small>		
08710-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0308)</small>		
08710-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	166.90	8.05
08710-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	191.42	8.05
08710-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	201.54	8.05
08710-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	201.54	8.05
08710-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	201.54	8.05
08710-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08710-0308)</small>		
08710-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	269.75	8.05
08710-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	297.46	8.05
08710-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	304.39	8.05
08710-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	304.39	8.05
08710-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	304.39	8.05
08710-0321		Center Hung Pivot Hinges <small>(08710-0059)</small>		
08710-0322		Top Mount, Center Hung Pivot Hinges <small>(08710-0321)</small>		
08710-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08710-0322)</small>		
08710-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	85.35	6.44
08710-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	92.28	6.44
08710-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	92.28	6.44
08710-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	92.28	6.44
08710-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	92.28	6.44
08710-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	92.28	6.44
08710-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	92.28	6.44
08710-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08710-0322)</small>		
08710-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	88.57	8.05
08710-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	95.50	8.05
08710-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	95.50	8.05
08710-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	95.50	8.05
08710-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	95.50	8.05
08710-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	95.50	8.05
08710-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	95.50	8.05
08710-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08710-0322)</small>		
08710-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	88.57	8.05
08710-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	95.50	8.05
08710-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	95.50	8.05
08710-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	95.50	8.05
08710-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	95.50	8.05
08710-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	95.50	8.05
08710-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	95.50	8.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0347 1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08710-0322)</small>		
08710-0348 EA Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	139.74	9.66
08710-0349 EA Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	163.20	9.66
08710-0350 EA Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	187.71	9.66
08710-0351 EA Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	187.71	9.66
08710-0352 EA Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	187.71	9.66
08710-0353 EA Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	187.71	9.66
08710-0354 EA Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	187.71	9.66
08710-0355 Bottom Mount, Center Hung Pivot Hinges <small>(08710-0321)</small>		
08710-0356 300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges <small>(08710-0355)</small>		
08710-0357 EA Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	65.10	6.44
08710-0358 EA Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	75.23	6.44
08710-0359 EA Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	85.35	6.44
08710-0360 EA Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	85.35	6.44
08710-0361 EA Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	85.35	6.44
08710-0362 EA Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	85.35	6.44
08710-0363 EA Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	85.35	6.44
08710-0364 500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08710-0355)</small>		
08710-0365 EA Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	95.50	8.05
08710-0366 EA Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.69	8.05
08710-0367 EA Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.69	8.05
08710-0368 EA Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.69	8.05
08710-0369 EA Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.69	8.05
08710-0370 EA Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.69	8.05
08710-0371 EA Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	98.69	8.05
08710-0372 EA Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	95.50	8.05
08710-0373 EA Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.69	8.05
08710-0374 EA Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.69	8.05
08710-0375 EA Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.69	8.05
08710-0376 EA Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.69	8.05
08710-0377 EA Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.69	8.05
08710-0378 EA Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	98.69	8.05
08710-0379 600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges <small>(08710-0355)</small>		
08710-0380 EA Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	191.42	8.05
08710-0381 EA Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	201.54	8.05
08710-0382 EA Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	212.20	8.05
08710-0383 EA Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	212.20	8.05
08710-0384 EA Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	212.20	8.05
08710-0385 EA Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	212.20	8.05
08710-0386 EA Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	212.20	8.05
08710-0387 1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges <small>(08710-0355)</small>		
08710-0388 EA Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	351.83	9.66
08710-0389 EA Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	361.96	9.66
08710-0390 EA Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	375.82	9.66
08710-0391 EA Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	375.82	9.66
08710-0392 EA Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	375.82	9.66
08710-0393 EA Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	375.82	9.66

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0394	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	375.82	9.66
08710-0395		Continuous Steel Hinges (08710-0001)		
08710-0396	LF	1-1/2" Wide, Continuous Steel Hinge.....	14.06	2.57
		08MOD-0152 For Stainless Steel, Add.....	2.06	
		08MOD-0153 For Brass Or Nickel, Add.....	2.25	
		08MOD-0154 For Aluminum, Add.....	0.74	
		08MOD-0155 For Medium Gauge, Deduct.....	-0.75	
08710-0397	LF	2" Wide, Continuous Steel Hinge.....	14.31	2.57
		08MOD-0152 For Stainless Steel, Add.....	2.20	
		08MOD-0153 For Brass Or Nickel, Add.....	2.40	
		08MOD-0154 For Aluminum, Add.....	0.78	
		08MOD-0155 For Medium Gauge, Deduct.....	-0.80	
08710-0398	LF	2-1/2" Wide, Continuous Steel Hinge.....	14.81	2.57
		08MOD-0152 For Stainless Steel, Add.....	2.48	
		08MOD-0153 For Brass Or Nickel, Add.....	2.70	
		08MOD-0154 For Aluminum, Add.....	0.88	
		08MOD-0155 For Medium Gauge, Deduct.....	-0.90	
08710-0399	LF	3" Wide, Continuous Steel Hinge.....	15.38	2.57
		08MOD-0152 For Stainless Steel, Add.....	2.79	
		08MOD-0153 For Brass Or Nickel, Add.....	3.04	
		08MOD-0154 For Aluminum, Add.....	0.99	
		08MOD-0155 For Medium Gauge, Deduct.....	-1.01	
08710-0400	LF	Half Surface, Standard Duty, Roton Continuous Geared Hinge.....	29.96	2.57
		08MOD-0156 For Bronze Finish, Add.....	7.37	
		08MOD-0157 For Heavy Duty, Add.....	5.25	
08710-0401	LF	Full Surface, Standard Duty, Roton Continuous Geared Hinge.....	32.26	2.57
		08MOD-0156 For Bronze Finish, Add.....	8.23	
		08MOD-0157 For Heavy Duty, Add.....	5.87	
08710-0402	LF	Concealed, Standard Duty, Roton Continuous Geared Hinge.....	23.66	2.57
		08MOD-0156 For Bronze Finish, Add.....	5.01	
		08MOD-0157 For Heavy Duty, Add.....	3.57	
08710-0403		Double Action Spring Hinges (08710-0001)		
08710-0404	PR	2" Double Action Spring Hinge.....	57.70	4.51
		08MOD-0158 For Stainless Steel, Add.....	10.55	
08710-0405	PR	3" Double Action Spring Hinge.....	66.74	5.80
		08MOD-0158 For Stainless Steel, Add.....	11.33	
08710-0406	PR	4" Double Action Spring Hinge.....	75.98	7.09
		08MOD-0158 For Stainless Steel, Add.....	12.17	
08710-0407	PR	5" Double Action Spring Hinge.....	97.83	8.37
		08MOD-0158 For Stainless Steel, Add.....	16.79	
08710-0408	PR	6" Double Action Spring Hinge.....	115.46	9.66
		08MOD-0158 For Stainless Steel, Add.....	20.15	
08710-0409	PR	7" Double Action Spring Hinge.....	145.70	10.95
		08MOD-0158 For Stainless Steel, Add.....	27.29	
08710-0410	PR	8" Double Action Spring Hinge.....	194.15	30.59
		08MOD-0158 For Stainless Steel, Add.....	39.89	
08710-0411		Security Hinges (08710-0001)		
08710-0412	EA	4 1/2" x 4 1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge.....	25.82	4.51
08710-0413		Concealed Circuit Electric Hinge Option (08710-0001)		
		Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08710-0414	EA	4 Wire Concealed Circuit Electric Hinge Option.....	140.81	
08710-0415	EA	6 Wire Concealed Circuit Electric Hinge Option.....	166.25	
08710-0416	EA	8 Wire Concealed Circuit Electric Hinge Option.....	191.69	
08710-0417		Hinge Filler Plates For Door Frames (08710-0001)		
08710-0418	PR	Hinge Filler Plates For Door Frames.....	11.56	3.22
08710-0419		Door Trim (08710)		
08710-0420		Floor Stops, Wall Stops And Bumpers (08710-0419)		
08710-0421		Floor Stops (08710-0420)		
08710-0422		Aluminum Floor Stops (08710-0421)		
08710-0423	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430).....	17.45	8.05
08710-0424	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436).....	18.80	8.05
08710-0425	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438).....	19.31	8.05
08710-0426	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441).....	27.12	8.05
08710-0427	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448).....	28.06	8.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0428	Brass Floor Stops <small>(08710-0421)</small>	
08710-0429 EA 1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	18.99	8.05
08710-0430 EA 1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	19.50	8.05
08710-0431 EA 1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	19.50	8.05
08710-0432 EA 1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	19.70	8.05
08710-0433 EA 1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	19.96	8.05
08710-0434 EA 1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	19.96	8.05
08710-0435 EA 1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	19.96	8.05
08710-0436 EA 1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	19.31	8.05
08710-0437 EA 1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	20.09	8.05
08710-0438 EA 1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	20.09	8.05
08710-0439 EA 1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	20.39	8.05
08710-0440 EA 1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	20.66	8.05
08710-0441 EA 1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	20.66	8.05
08710-0442 EA 1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	21.89	8.05
08710-0443 EA 1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	20.14	8.05
08710-0444 EA 1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	20.14	8.05
08710-0445 EA 1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	20.99	8.05
08710-0446 EA 1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	20.99	8.05
08710-0447 EA 1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	20.99	8.05
08710-0448 EA 1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	20.99	8.05
08710-0449 EA 1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	20.73	8.05
08710-0450 EA 1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	20.73	8.05
08710-0451 EA 1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	21.56	8.05
08710-0452 EA 1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	21.56	8.05
08710-0453 EA 1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	21.56	8.05
08710-0454 EA 1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	21.56	8.05
08710-0455 EA 2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	27.88	8.05
08710-0456 EA 2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	28.25	8.05
08710-0457 EA 2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	29.14	8.05
08710-0458 EA 2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	29.87	8.05
08710-0459 EA 2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	29.87	8.05
08710-0460 EA 2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	32.82	8.05
08710-0461 EA 2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	32.82	8.05
08710-0462 EA 3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	31.72	8.05
08710-0463 EA 3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	32.25	8.05
08710-0464 EA 3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	32.25	8.05
08710-0465 EA 3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	32.25	8.05
08710-0466 EA 3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	32.25	8.05
08710-0467 EA 3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	36.29	8.05
08710-0468 EA 3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	36.29	8.05
08710-0469 EA 1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	23.48	8.05
08710-0470 EA 1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	24.15	8.05
08710-0471 EA 1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	25.68	8.05
08710-0472 EA 1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	25.68	8.05
08710-0473 EA 1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	25.68	8.05
08710-0474 EA 1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	26.13	8.05
08710-0475 EA 2-1/4" Overall Height, Polished Or Satin Finish, Brass Floor Stop (Rockwood 481H)	33.31	8.05
08710-0476	Steel Floor Stops <small>(08710-0421)</small>	
See CSI section 05501-0168 for grout.		
08710-0477 EA 2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	20.86	8.05
08710-0478 EA 1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S)	45.87	8.05
Note: Includes drilling. Excludes Grout.		
08710-0479 EA 3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L)	48.00	8.05
Note: Includes drilling. Excludes Grout.		
08710-0480	Wall Stops <small>(08710-0420)</small>	
08710-0481	Aluminum Wall Stops <small>(08710-0480)</small>	
08710-0482 EA 3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	8.30	3.22
08710-0483 EA 3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	12.18	4.83
08710-0484	Brass Wall Stops <small>(08710-0480)</small>	
08710-0485 EA 3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	12.88	3.22
08710-0486 EA 3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	12.88	3.22
08710-0487 EA 3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	12.88	3.22
08710-0488 EA 3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	14.87	3.22
08710-0489 EA 3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	15.06	3.22
08710-0490 EA 3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	15.06	3.22
08710-0491 EA 3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	15.06	3.22
08710-0492 EA 3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	33.45	4.83
08710-0493 EA 3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	34.16	4.83
08710-0494 EA 3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	34.16	4.83
08710-0495 EA 3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	34.16	4.83
08710-0496 EA 3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	34.16	4.83
08710-0497 EA 3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	34.16	4.83
08710-0498 EA 3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	28.50	4.83



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0499	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447).....	32.30	4.83
08710-0500	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447).....	32.30	4.83
08710-0501	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447).....	32.30	4.83
08710-0502	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447).....	32.30	4.83
08710-0503	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447).....	33.20	4.83
08710-0504	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447).....	33.20	4.83
08710-0505	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33).....	51.98	4.83
08710-0506		Steel Wall Stops (08710-0480)		
08710-0507	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63).....	6.83	3.22
08710-0508		Hinge Pin Door Stops (08710-0420)		
08710-0509		Aluminum Hinge Pin Door Stops (08710-0508)		
08710-0510	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70).....	14.04	6.44
08710-0511		Brass Hinge Pin Door Stops (08710-0508)		
08710-0512	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72).....	14.26	6.44
08710-0513	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73).....	15.64	6.44
08710-0514	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	18.98	6.44
08710-0515	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	18.98	6.44
08710-0516	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	18.98	6.44
08710-0517	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	20.54	6.44
08710-0518	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	20.54	6.44
08710-0519	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	20.54	6.44
08710-0520	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70).....	20.54	6.44
08710-0521		Wall Bumpers (08710-0420)		
08710-0522		Brass Wall Bumpers (08710-0521)		
08710-0523	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.28	8.05
08710-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.28	8.05
08710-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.28	8.05
08710-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.47	8.05
08710-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.47	8.05
08710-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.47	8.05
08710-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	18.47	8.05
08710-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	24.90	8.05
08710-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	26.64	8.05
08710-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	26.64	8.05
08710-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	26.64	8.05
08710-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	26.64	8.05
08710-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	26.64	8.05
08710-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402).....	27.03	8.05
08710-0537		Rubber Wall Bumpers (08710-0521)		
08710-0538	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W).....	17.59	8.05
08710-0539		Holders (08710-0419)		
08710-0540		Plunger Type Door Holders (08710-0539)		
08710-0541		Aluminum Plunger Type Door Holders (08710-0540)		
08710-0542	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153).....	35.19	4.83
08710-0543		Brass Plunger Type Door Holders (08710-0540)		
08710-0544	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	55.70	4.83
08710-0545	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	55.70	4.83
08710-0546	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	55.70	4.83
08710-0547	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	55.70	4.83
08710-0548	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	55.70	4.83



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0549 EA Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	55.70	4.83
08710-0550 EA Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	55.70	4.83
08710-0551 Kick Down Door Holders (08710-0539)		
08710-0552 Aluminum Kick Down Door Holders (08710-0551)		
08710-0553 EA Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455).....	13.83	4.83
08710-0554 Brass Kick Down Door Holders (08710-0551)		
08710-0555 EA Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	26.59	4.83
08710-0556 EA Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455).....	26.59	4.83
08710-0557 EA Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455).....	26.59	4.83
08710-0558 EA Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455).....	29.91	4.83
08710-0559 EA Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	29.91	4.83
08710-0560 EA Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455).....	29.91	4.83
08710-0561 EA Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455).....	30.75	4.83
08710-0562 Steel Kick Down Door Holders (08710-0551)		
08710-0563 EA Steel Kick Down Door Holder (Ives FS544).....	16.40	4.83
08710-0564 Floor Mounted Door Holders (08710-0539)		
08710-0565 Brass Floor Mounted Door Holders (08710-0564)		
08710-0566 EA Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	52.17	9.66
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0567 EA Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	52.17	9.66
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0568 EA Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	63.23	9.66
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0569 EA Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	63.23	9.66
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0570 EA Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	63.23	9.66
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0571 EA Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40).....	63.23	9.66
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0572 EA Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491).....	50.31	9.66
Note: Includes FH MS / plastic anchors		
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0573 EA Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491R).....	51.91	9.66
Note: Includes FH MS / lead anchors		
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0574 EA Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491S).....	54.58	9.66
Note: Includes FH MS / lead anchors and bolts		
08MOD-0398 For > 1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
08MOD-0399 For > 1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
08MOD-0400 For > 1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08710-0575 Wall Mounted Door Holders (08710-0539)		
08710-0576 Aluminum Wall Mounted Door Holders (08710-0575)		
08710-0577 EA 4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20).....	44.51	5.64
08710-0578 EA Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40).....	66.14	9.66



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0579		Brass Wall Mounted Door Holders <small>(08710-0575)</small>		
08710-0580	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	41.16	5.64
08710-0581	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.16	5.64
08710-0582	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.16	5.64
08710-0583	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	47.16	5.64
08710-0584	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	47.16	5.64
08710-0585	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	47.16	5.64
08710-0586	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	48.57	5.64
08710-0587	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	46.18	5.64
08710-0588	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	54.36	5.64
08710-0589	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	54.36	5.64
08710-0590	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	54.36	5.64
08710-0591	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	54.36	5.64
08710-0592	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	54.36	5.64
08710-0593	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	74.30	9.66
08710-0594	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	77.97	9.66
08710-0595	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	77.97	9.66
08710-0596	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	77.97	9.66
08710-0597	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	77.97	9.66
08710-0598	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	77.97	9.66
08710-0599	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494).....	44.09	5.64
08710-0600	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494R).....	45.70	5.64
		Note: Includes FH MS / lead anchors		
08710-0601	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494S).....	48.37	5.64
		Note: Includes FH MS / lead anchors and bolts		
08710-0602		Overhead Door Holders <small>(08710-0539)</small>		
08710-0603		Surface Mounted, Overhead Door Holders <small>(08710-0602)</small>		
08710-0604	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	231.98	16.10
		<i>08MOD-0397 For Hold Open, Add</i>	24.18	
08710-0605	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	262.85	16.10
		<i>08MOD-0397 For Hold Open, Add</i>	28.64	
08710-0606	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	262.85	16.10
		<i>08MOD-0397 For Hold Open, Add</i>	28.64	
08710-0607	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	262.85	16.10
		<i>08MOD-0397 For Hold Open, Add</i>	28.64	
08710-0608	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	261.80	16.10
		<i>08MOD-0397 For Hold Open, Add</i>	28.48	
08710-0609		Heavy Duty, Surface Mounted, Overhead Door Holders <small>(08710-0602)</small>		
		Note: With or without hold open feature.		
08710-0610	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	185.36	16.10
08710-0611	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	259.07	16.10
08710-0612	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	291.20	16.10
08710-0613	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	291.20	16.10
08710-0614	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	291.20	16.10
08710-0615		Concealed Mounted, Overhead Door Holders <small>(08710-0602)</small>		
		Note: With or without hold open feature.		
08710-0616	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	251.30	16.10
08710-0617	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	251.30	16.10
08710-0618	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	263.90	16.10
08710-0619	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	274.61	16.10
08710-0620	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	274.61	16.10
08710-0621		Silencers <small>(08710-0419)</small>		
08710-0622	EA	Replacement Rubber Door Silencers.....	0.95	0.64
		Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
08710-0623		Bolts <small>(08710-0419)</small>		
08710-0624		Brass Surface Bolts <small>(08710-0623)</small>		
08710-0625	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640).....	74.31	8.05
08710-0626	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640).....	79.16	8.05
08710-0627	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640).....	79.16	8.05
08710-0628		Steel Surface Bolts <small>(08710-0623)</small>		
08710-0629	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	36.72	8.05
08710-0630	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	36.72	8.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0631 EA 8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	36.72	8.05
08710-0632 EA 8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	40.96	8.05
08710-0633 EA 8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	41.57	8.05
08710-0634 EA 8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	42.78	8.05
08710-0635 EA 12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	42.17	8.05
08710-0636 EA 12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	44.00	8.05
08710-0637 EA 12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	46.42	8.05
08710-0638 EA 12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	48.24	8.05
08710-0639 EA 12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	72.50	8.05
08710-0640 Door Viewer (08710-0419)		
08710-0641 Brass Door Viewer (08710-0640)		
08710-0642 EA 120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	21.89	8.05
08710-0643 EA 120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	21.89	8.05
08710-0644 EA 120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	21.89	8.05
08710-0645 EA 150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	24.59	8.05
08710-0646 EA 150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	24.59	8.05
08710-0647 EA 150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	24.59	8.05
08710-0648 EA 190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	27.93	8.05
08710-0649 EA 190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	27.93	8.05
08710-0650 Door Knockers (08710-0419)		
08710-0651 Brass Door Knockers (08710-0650)		
08710-0652 EA 5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	30.24	8.05
08710-0653 EA 5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	32.82	8.05
08710-0654 EA 5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	32.82	8.05
08710-0655 EA 5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	32.82	8.05
08710-0656 EA 8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	42.58	8.05
08710-0657 EA 8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	48.79	8.05
08710-0658 Hasps (08710-0419)		
08710-0659 EA 3-1/4", Zinc Plated Finish, Steel Hasp Assembly	15.66	6.08
08710-0660 EA 4-1/2", Zinc Plated Finish, Steel Hasp Assembly	16.67	6.44
08710-0661 EA 6", Zinc Plated Finish, Steel Hasp Assembly	20.64	7.25
08710-0662 EA 6", Zinc Plated Finish, Steel High Security Hasp Assembly	70.73	8.69
08710-0663 Flush Bolts (08710-0419)		
08710-0664 Flush Bolts For Metal Doors (08710-0663)		
08710-0665 Brass Flush Bolts For Metal Doors (08710-0664)		
08710-0666 Manual, Brass Flush Bolts For Metal Doors (08710-0665)		
Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08710-0667 EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	29.45	8.05
08710-0668 Automatic, Brass Flush Bolts For Metal Doors (08710-0665)		
Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08710-0669 EA Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	64.48	8.05
08710-0670 EA Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	64.48	8.05
08710-0671 EA Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	117.45	12.88
08710-0672 EA Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	114.24	11.27
08710-0673 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	118.87	12.08
08710-0674 Constant Latching, Brass Flush Bolts For Metal Doors (08710-0665)		
Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08710-0675 EA Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	63.95	8.05
08710-0676 EA Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	117.45	12.88
08710-0677 EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	114.24	11.27
08710-0678 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	118.87	12.08
08710-0679 Stainless Steel Flush Bolts For Metal Doors (08710-0664)		
08710-0680 Automatic, Stainless Steel Flush Bolts For Metal Doors (08710-0679)		
Note: Includes stainless steel construction with bright or satin finish.		
08710-0681 EA Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	64.48	8.05
08710-0682 EA Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	64.48	8.05
08710-0683 EA Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	117.45	12.88
08710-0684 EA Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	114.24	11.27
08710-0685 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	118.87	12.08



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08710-0686	Constant Latching, Stainless Steel Flush Bolts For Metal Doors (08710-0679)		
	Note: Includes stainless steel construction with bright or satin finish.		
08710-0687	EA Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T).....	63.95	8.05
08710-0688	EA Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P).....	117.45	12.88
08710-0689	EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52).....	114.24	11.27
08710-0690	EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53).....	118.87	12.08
08710-0691	Flush Bolts For Wood Doors (08710-0663)		
08710-0692	Brass Flush Bolts For Wood Doors (08710-0691)		
08710-0693	Manual, Brass Flush Bolts For Wood Doors (08710-0692)		
	Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08710-0694	EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358).....	33.98	8.05
08710-0695	Automatic, Brass Flush Bolts For Wood Doors (08710-0692)		
	Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08710-0696	EA Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T).....	66.85	8.05
08710-0697	EA Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B).....	66.85	8.05
08710-0698	EA Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P).....	122.54	12.88
08710-0699	EA Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42).....	119.33	11.27
08710-0700	Constant Latching, Brass Flush Bolts For Wood Doors (08710-0692)		
	Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08710-0701	EA Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T).....	66.37	8.05
08710-0702	EA Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P).....	122.54	12.88
08710-0703	EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62).....	119.33	11.27
08710-0704	Stainless Steel Flush Bolts For Wood Doors (08710-0691)		
08710-0705	Automatic, Stainless Steel Flush Bolts For Wood Doors (08710-0704)		
	Note: Includes stainless steel construction with bright or satin finish.		
08710-0706	EA Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T).....	66.85	8.05
08710-0707	EA Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B).....	66.85	8.05
08710-0708	EA Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P).....	122.54	12.88
08710-0709	EA Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42).....	119.33	11.27
08710-0710	Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08710-0704)		
	Note: Includes stainless steel construction with bright or satin finish.		
08710-0711	EA Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T).....	66.37	8.05
08710-0712	EA Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P).....	122.54	12.88
08710-0713	EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62).....	119.33	11.27
08710-0714	Dust Proof Strikes (08710-0663)		
08710-0715	EA Satin Brass Finish, Brass Dust Proof Strike (Ives DP1).....	25.86	6.44
08710-0716	EA Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1).....	25.86	6.44
08710-0717	EA Bright Brass Finish, Brass Dust Proof Strike (Ives DP1).....	25.86	6.44
08710-0718	EA Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	25.86	6.44
08710-0719	EA Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	25.86	6.44
08710-0720	EA Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	29.25	6.44
08710-0721	EA Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	29.25	6.44
08710-0722	EA Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	29.25	6.44
08710-0723	EA Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	29.25	6.44
08710-0724	EA Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	29.25	6.44
08710-0725	Roller Bumpers (08710-0419)		
08710-0726	Brass Roller Bumpers (08710-0725)		
08710-0727	EA 5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	25.94	4.83
08710-0728	EA 5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	29.99	4.83
08710-0729	EA 5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	29.99	4.83
08710-0730	EA 4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	25.02	4.83
08710-0731	EA 4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	28.11	4.83
08710-0732	EA 4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	28.11	4.83
08710-0733	EA 4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	28.11	4.83
08710-0734	EA 6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	26.00	4.83
08710-0735	EA 6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	28.18	4.83
08710-0736	EA 6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	29.21	4.83
08710-0737	EA 6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	29.21	4.83
08710-0738	EA 6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	29.21	4.83
08710-0739	EA 6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	29.21	4.83



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0740	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	29.21	4.83
08710-0741		Other Door Trim (08710-0419)		
08710-0742		Coat And Hat Hooks (08710-0741)		
08710-0743		Aluminum Coat And Hat Hooks (08710-0742)		
08710-0744	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	10.89	4.83
08710-0745	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	10.89	4.83
08710-0746	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	10.96	4.83
08710-0747	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	10.84	4.83
08710-0748	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	10.84	4.83
08710-0749	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	10.84	4.83
08710-0750	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	10.96	4.83
08710-0751	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	11.34	4.83
08710-0752	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	11.34	4.83
08710-0753	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	11.34	4.83
08710-0754	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	11.34	4.83
08710-0755	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	11.34	4.83
08710-0756		Brass Coat And Hat Hooks (08710-0742)		
08710-0757	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	12.95	4.83
08710-0758	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	13.15	4.83
08710-0759	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	13.46	4.83
08710-0760	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	13.46	4.83
08710-0761	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	13.66	4.83
08710-0762	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	14.30	4.83
08710-0763	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	15.20	4.83
08710-0764	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	15.20	4.83
08710-0765	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	15.20	4.83
08710-0766	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	15.40	4.83
08710-0767		Cane Bolt (08710-0741)		
08710-0768	EA	18" Cane Bolt With Padlock Eyes Welded To Bolt, Manual, Steel Bolt For Doors (Stanley 1009)	17.20	6.44
08710-0769		Door Plates And Pulls (08710)		
08710-0770		Kick Plate (08710-0769)		
		Note: Ives 8400		
08710-0771		Aluminum Base Material Kick Plate (08710-0770)		
08710-0772		Satin Aluminum Finish, Aluminum Kick Plate (08710-0771)		
08710-0773	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	29.35	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0774	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	30.27	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0775	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	31.17	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0776	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	14.71	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0777	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	34.30	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0778	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	35.19	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0779	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	36.12	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0780	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	37.02	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0781	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	39.22	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0782	EA	8" x 40"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	40.14	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0783	EA	8" x 42"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	41.04	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0784	EA	8" x 44"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	43.25	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0785	EA	8" x 46"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.16	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0786	EA	8" x 48"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	45.06	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0787	EA	10" x 22"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	31.87	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0788	EA	10" x 24"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	33.01	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0789	EA	10" x 26"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	34.14	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0790	EA	10" x 28"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	35.28	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0791	EA	10" x 30"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	37.71	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0792	EA	10" x 32"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	38.85	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0793	EA	10" x 34"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	39.99	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0794	EA	10" x 36"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	41.13	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0795	EA	10" x 38"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	43.56	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0796	EA	10" x 40"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.70	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0797	EA	10" x 42"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	45.84	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0798	EA	10" x 44"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	48.26	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0799	EA	10" x 46"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	49.39	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0800	EA	10" x 48"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	50.53	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0801	EA	12" x 22"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	34.38	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0802	EA	12" x 24"	0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	35.73	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0803 EA 12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	37.12 1.76 5.60 9.80	4.83
08710-0804 EA 12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	38.46 1.76 5.60 9.80	4.83
08710-0805 EA 12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	41.13 1.76 5.60 9.80	5.15
08710-0806 EA 12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	42.49 1.76 5.60 9.80	5.15
08710-0807 EA 12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	43.86 1.76 5.60 9.80	5.15
08710-0808 EA 12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	45.23 1.76 5.60 9.80	5.15
08710-0809 EA 12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	47.89 1.76 5.60 9.80	5.48
08710-0810 EA 12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	49.25 1.76 5.60 9.80	5.48
08710-0811 EA 12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	50.63 1.76 5.60 9.80	5.48
08710-0812 EA 12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	53.27 1.76 5.60 9.80	5.80
08710-0813 EA 12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	54.64 1.76 5.60 9.80	5.80
08710-0814 EA 12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	56.01 1.76 5.60 9.80	5.80
08710-0815 EA 14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	38.16 1.76 5.60 9.80	5.15
08710-0816 EA 14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	39.75 1.76 5.60 9.80	5.15
08710-0817 EA 14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	41.37 1.76 5.60 9.80	5.15
08710-0818 EA 14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	42.96 1.76 5.60 9.80	5.15
08710-0819 EA 14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	45.84 1.76 5.60 9.80	5.48
08710-0820 EA 14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	47.44 1.76 5.60 9.80	5.48
08710-0821 EA 14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	49.03 1.76 5.60 9.80	5.48
08710-0822 EA 14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	50.63 1.76 5.60 9.80	5.48
08710-0823 EA 14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	53.50 1.76 5.60 9.80	5.80

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0824	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	55.09	5.80	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0825	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	56.69	5.80	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0826	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	59.57	6.12	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0827	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	61.18	6.12	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0828	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	62.77	6.12	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0829	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	40.68	5.15	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0830	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	42.49	5.15	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0831	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.33	5.15	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0832	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	46.15	5.15	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0833	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	47.44	5.48	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0834	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	51.09	5.48	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0835	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	52.92	5.48	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0836	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	54.73	5.48	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0837	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	57.83	5.80	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0838	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	59.67	5.80	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0839	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	61.48	5.80	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0840	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	64.59	6.12	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0841	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	66.42	6.12	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0842	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	68.25	6.12	
		08MOD-0392 For Four Beveled Edges, Add	1.76		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0843	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	44.62	5.15	
		08MOD-0393 For Four Beveled Edges, Add	6.30		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		
08710-0844	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	46.81	5.15	
		08MOD-0393 For Four Beveled Edges, Add	6.30		
		08MOD-0394 For Counter Sink Holes, Add	5.60		
		08MOD-0395 For UL Label (Fire Rated), Add	9.80		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0845 EA 18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	48.99 6.30 5.60 9.80	5.15
08710-0846 EA 18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	51.18 6.30 5.60 9.80	5.15
08710-0847 EA 18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	54.64 6.30 5.60 9.80	5.48
08710-0848 EA 18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	56.82 6.30 5.60 9.80	5.48
08710-0849 EA 18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	59.01 6.30 5.60 9.80	5.48
08710-0850 EA 18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	61.19 6.30 5.60 9.80	5.48
08710-0851 EA 18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	64.66 6.30 5.60 9.80	5.80
08710-0852 EA 18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	66.84 6.30 5.60 9.80	5.80
08710-0853 EA 18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	69.02 6.30 5.60 9.80	5.80
08710-0854 EA 18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	72.50 6.30 5.60 9.80	6.12
08710-0855 EA 18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	74.68 6.30 5.60 9.80	6.12
08710-0856 EA 18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	76.87 6.30 5.60 9.80	6.12
08710-0857 EA 20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	48.58 6.30 5.60 9.80	5.48
08710-0858 EA 20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	51.01 6.30 5.60 9.80	5.48
08710-0859 EA 20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	53.43 6.30 5.60 9.80	5.48
08710-0860 EA 20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	55.86 6.30 5.60 9.80	5.48
08710-0861 EA 20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	59.56 6.30 5.60 9.80	5.80
08710-0862 EA 20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	61.99 6.30 5.60 9.80	5.80
08710-0863 EA 20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	64.41 6.30 5.60 9.80	5.80
08710-0864 EA 20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	66.84 6.30 5.60 9.80	5.80
08710-0865 EA 20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	70.55 6.30 5.60 9.80	6.12

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0866	EA	20"	x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	72.98	6.12
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0867	EA	20"	x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	75.41	6.12
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0868	EA	20"	x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	79.12	6.44
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0869	EA	20"	x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	81.55	6.44
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0870	EA	20"	x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	83.97	6.44
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0871	EA	22"	x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	51.25	5.48
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0872	EA	22"	x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	53.91	5.48
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0873	EA	22"	x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	56.58	5.48
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0874	EA	22"	x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	59.25	5.48
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0875	EA	22"	x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	63.21	5.80
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0876	EA	22"	x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	65.87	5.80
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0877	EA	22"	x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	68.54	5.80
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0878	EA	22"	x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	71.21	5.80
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0879	EA	22"	x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	75.16	6.12
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0880	EA	22"	x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	77.83	6.12
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0881	EA	22"	x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	80.50	6.12
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0882	EA	22"	x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	84.46	6.44
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0883	EA	22"	x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	87.12	6.44
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0884	EA	22"	x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	89.79	6.44
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0885	EA	24"	x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	53.91	5.48
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0886	EA	24"	x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	56.82	5.48
			08MOD-0393 For Four Beveled Edges, Add	6.30	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0887	EA 24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	59.74 6.30 5.60 9.80	5.48
08710-0888	EA 24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	62.65 6.30 5.60 9.80	5.48
08710-0889	EA 24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	66.84 6.30 5.60 9.80	5.80
08710-0890	EA 24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	69.75 6.30 5.60 9.80	5.80
08710-0891	EA 24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	72.66 6.30 5.60 9.80	5.80
08710-0892	EA 24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	75.58 6.30 5.60 9.80	5.80
08710-0893	EA 24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	79.77 6.30 5.60 9.80	6.12
08710-0894	EA 24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	82.68 6.30 5.60 9.80	6.12
08710-0895	EA 24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	85.59 6.30 5.60 9.80	6.12
08710-0896	EA 24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	89.79 6.30 5.60 9.80	6.44
08710-0897	EA 24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	92.71 6.30 5.60 9.80	6.44
08710-0898	EA 24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	95.62 6.30 5.60 9.80	6.44
08710-0899	Brass Base Material Kick Plate <small>(08710-0770)</small>		
08710-0900	Bright/Satin Brass Finish, Brass Kick Plate <small>(08710-0899)</small>		
08710-0901	EA 8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	52.51 1.76 5.60 9.80	4.83
08710-0902	EA 8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	55.52 1.76 5.60 9.80	4.83
08710-0903	EA 8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	58.55 1.76 5.60 9.80	4.83
08710-0904	EA 8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	61.56 1.76 5.60 9.80	4.83
08710-0905	EA 8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	65.87 1.76 5.60 9.80	5.15
08710-0906	EA 8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	68.90 1.76 5.60 9.80	5.15
08710-0907	EA 8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	71.91 1.76 5.60 9.80	5.15
08710-0908	EA 8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	74.93 1.76 5.60 9.80	5.15

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0909	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	79.23	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0910	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	82.24	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0911	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	85.26	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0912	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	89.55	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0913	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	92.58	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0914	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	95.60	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0915	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	60.82	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0916	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	64.58	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0917	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	68.36	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0918	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	72.12	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0919	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	77.17	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0920	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	80.95	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0921	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	84.73	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0922	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	88.50	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0923	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	93.55	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0924	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	97.33	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0925	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	101.11	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0926	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	106.15	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0927	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	109.93	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0928	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	113.70	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0929	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	69.09	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0930	EA 12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	73.64	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0931	EA 12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	78.15	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0932	EA 12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	82.68	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0933	EA 12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	88.50	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0934	EA 12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	93.03	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0935	EA 12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	97.55	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0936	EA 12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	102.07	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0937	EA 12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	107.91	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0938	EA 12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	112.42	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0939	EA 12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	116.95	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0940	EA 12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	122.75	5.80
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0941	EA 12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	127.27	5.80
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0942	EA 12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	131.81	5.80
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0943	EA 14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	78.70	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0944	EA 14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	83.97	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0945	EA 14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	89.25	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0946	EA 14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	94.54	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0947	EA 14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	101.11	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0948	EA 14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	106.39	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0949	EA 14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	111.66	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0950	EA 14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	116.95	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0951	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	123.51	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0952	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	128.79	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0953	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	134.06	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0954	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	140.63	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0955	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	145.92	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0956	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	151.21	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0957	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	86.98	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0958	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	93.03	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0959	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	99.06	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0960	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	105.10	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0961	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	112.42	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0962	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	118.45	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0963	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	124.48	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0964	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	130.53	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0965	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	137.84	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0966	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	143.87	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0967	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	149.92	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0968	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	157.23	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0969	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	163.26	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0970	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	169.31	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-0971	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	118.83	5.15
		08MOD-0393 For Four Beveled Edges, Add		6.30	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0972 EA 18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	127.75	5.15
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0973 EA 18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	136.67	5.15
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0974 EA 18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	145.61	5.15
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0975 EA 18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	155.83	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0976 EA 18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	164.74	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0977 EA 18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	173.69	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0978 EA 18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	182.60	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0979 EA 18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	192.83	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0980 EA 18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	201.75	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0981 EA 18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	210.67	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0982 EA 18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	220.90	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0983 EA 18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	229.82	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0984 EA 18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	238.74	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0985 EA 20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	131.03	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0986 EA 20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	140.94	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0987 EA 20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	150.87	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0988 EA 20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	160.77	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0989 EA 20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	171.99	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0990 EA 20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	181.91	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0991 EA 20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	191.82	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-0992 EA 20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	201.75	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-0993	EA	20"	x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	212.95	6.12
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-0994	EA	20"	x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	222.88	6.12
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-0995	EA	20"	x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	232.80	6.12
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-0996	EA	20"	x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	244.00	6.44
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-0997	EA	20"	x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	253.94	6.44
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-0998	EA	20"	x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	263.84	6.44
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-0999	EA	22"	x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	141.95	5.48
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1000	EA	22"	x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	152.85	5.48
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1001	EA	22"	x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	163.76	5.48
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1002	EA	22"	x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	174.68	5.48
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1003	EA	22"	x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	186.86	5.80
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1004	EA	22"	x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	197.78	5.80
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1005	EA	22"	x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	208.69	5.80
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1006	EA	22"	x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	219.61	5.80
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1007	EA	22"	x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	231.80	6.12
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1008	EA	22"	x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	242.71	6.12
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1009	EA	22"	x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	253.63	6.12
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1010	EA	22"	x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	265.83	6.44
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1011	EA	22"	x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	276.75	6.44
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1012	EA	22"	x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	287.64	6.44
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1013	EA	24"	x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	152.85	5.48
	08MOD-0393		For Four Beveled Edges, Add	6.30	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1014	EA 24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	164.74	5.48
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1015	EA 24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	176.66	5.48
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1016	EA 24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	188.57	5.48
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1017	EA 24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	201.75	5.80
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1018	EA 24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	213.65	5.80
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1019	EA 24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	225.56	5.80
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1020	EA 24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	238.12	5.80
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1021	EA 24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	250.65	6.12
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1022	EA 24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	262.55	6.12
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1023	EA 24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	274.45	6.12
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1024	EA 24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	287.64	6.44
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1025	EA 24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	299.57	6.44
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1026	EA 24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	311.46	6.44
	08MOD-0393 For Four Beveled Edges, Add	6.30	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1027	Bright/Satin Chrome Finish, Brass Kick Plate (08710-0899)		
08710-1028	EA 8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	55.92	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1029	EA 8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	59.25	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1030	EA 8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	62.58	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1031	EA 8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	65.91	4.83
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1032	EA 8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	70.53	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1033	EA 8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	73.85	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1034	EA 8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	77.17	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1035	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	80.50	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1036	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	85.12	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1037	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	88.46	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1038	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	91.79	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1039	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	96.40	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1040	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	99.72	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1041	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	103.05	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1042	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	65.08	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1043	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	69.24	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1044	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	73.40	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1045	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	77.55	4.83
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1046	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	83.01	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1047	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	87.17	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1048	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	91.33	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1049	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	95.49	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1050	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	100.93	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1051	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	105.09	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1052	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	109.25	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1053	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	114.69	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1054	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	118.85	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1055	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	123.00	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1056	EA 12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	74.22 1.76 5.60 9.80	4.83
08710-1057	EA 12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	79.21 1.76 5.60 9.80	4.83
08710-1058	EA 12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	84.22 1.76 5.60 9.80	4.83
08710-1059	EA 12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	89.21 1.76 5.60 9.80	4.83
08710-1060	EA 12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	95.49 1.76 5.60 9.80	5.15
08710-1061	EA 12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	100.48 1.76 5.60 9.80	5.15
08710-1062	EA 12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	105.47 1.76 5.60 9.80	5.15
08710-1063	EA 12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	110.46 1.76 5.60 9.80	5.15
08710-1064	EA 12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	116.74 1.76 5.60 9.80	5.48
08710-1065	EA 12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	121.72 1.76 5.60 9.80	5.48
08710-1066	EA 12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	126.72 1.76 5.60 9.80	5.48
08710-1067	EA 12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	132.99 1.76 5.60 9.80	5.80
08710-1068	EA 12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	138.00 1.76 5.60 9.80	5.80
08710-1069	EA 12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	142.98 1.76 5.60 9.80	5.80
08710-1070	EA 14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	84.66 1.76 5.60 9.80	5.15
08710-1071	EA 14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	90.50 1.76 5.60 9.80	5.15
08710-1072	EA 14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	96.33 1.76 5.60 9.80	5.15
08710-1073	EA 14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	102.14 1.76 5.60 9.80	5.15
08710-1074	EA 14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	109.25 1.76 5.60 9.80	5.48
08710-1075	EA 14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	115.08 1.76 5.60 9.80	5.48
08710-1076	EA 14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	120.89 1.76 5.60 9.80	5.48

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1077	EA	14" x 36"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	126.72 1.76 5.60 9.80	5.48
08710-1078	EA	14" x 38"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	133.84 1.76 5.60 9.80	5.80
08710-1079	EA	14" x 40"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	139.66 1.76 5.60 9.80	5.80
08710-1080	EA	14" x 42"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	145.47 1.76 5.60 9.80	5.80
08710-1081	EA	14" x 44"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	142.09 1.76 5.60 9.80	6.12
08710-1082	EA	14" x 46"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	158.41 1.76 5.60 9.80	6.12
08710-1083	EA	14" x 48"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	164.24 1.76 5.60 9.80	6.12
08710-1084	EA	16" x 22"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	93.83 1.76 5.60 9.80	5.15
08710-1085	EA	16" x 24"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	100.48 1.76 5.60 9.80	5.15
08710-1086	EA	16" x 26"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	107.13 1.76 5.60 9.80	5.15
08710-1087	EA	16" x 28"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	113.79 1.76 5.60 9.80	5.15
08710-1088	EA	16" x 30"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	121.72 1.76 5.60 9.80	5.48
08710-1089	EA	16" x 32"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	128.40 1.76 5.60 9.80	5.48
08710-1090	EA	16" x 34"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	135.05 1.76 5.60 9.80	5.48
08710-1091	EA	16" x 36"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	141.70 1.76 5.60 9.80	5.48
08710-1092	EA	16" x 38"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	149.63 1.76 5.60 9.80	5.80
08710-1093	EA	16" x 40"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	156.29 1.76 5.60 9.80	5.80
08710-1094	EA	16" x 42"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	162.95 1.76 5.60 9.80	5.80
08710-1095	EA	16" x 44"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	170.88 1.76 5.60 9.80	6.12
08710-1096	EA	16" x 46"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	177.55 1.76 5.60 9.80	6.12
08710-1097	EA	16" x 48"	0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	184.21 1.76 5.60 9.80	6.12



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1098	EA 18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	130.10 6.30 5.60 9.80	5.15
08710-1099	EA 18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	140.07 6.30 5.60 9.80	5.15
08710-1100	EA 18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	150.01 6.30 5.60 9.80	5.15
08710-1101	EA 18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	159.98 6.30 5.60 9.80	5.15
08710-1102	EA 18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	171.21 6.30 5.60 9.80	5.48
08710-1103	EA 18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	181.16 6.30 5.60 9.80	5.48
08710-1104	EA 18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	191.12 6.30 5.60 9.80	5.48
08710-1105	EA 18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	201.07 6.30 5.60 9.80	5.48
08710-1106	EA 18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	212.30 6.30 5.60 9.80	5.80
08710-1107	EA 18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	222.26 6.30 5.60 9.80	5.80
08710-1108	EA 18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	232.22 6.30 5.60 9.80	5.80
08710-1109	EA 18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	243.46 6.30 5.60 9.80	6.12
08710-1110	EA 18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	253.42 6.30 5.60 9.80	6.12
08710-1111	EA 18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	263.37 6.30 5.60 9.80	6.12
08710-1112	EA 20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	143.55 6.30 5.60 9.80	5.48
08710-1113	EA 20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	154.63 6.30 5.60 9.80	5.48
08710-1114	EA 20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	165.68 6.30 5.60 9.80	5.48
08710-1115	EA 20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	176.75 6.30 5.60 9.80	5.48
08710-1116	EA 20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	189.08 6.30 5.60 9.80	5.80
08710-1117	EA 20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	200.14 6.30 5.60 9.80	5.80
08710-1118	EA 20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	211.20 6.30 5.60 9.80	5.80

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1119	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	222.26	5.80
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1120	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	234.63	6.12
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1121	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	245.67	6.12
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1122	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	256.73	6.12
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1123	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	269.09	6.44
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1124	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	280.14	6.44
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1125	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	291.21	6.44
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1126	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	155.72	5.48
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1127	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	167.90	5.48
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1128	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	180.06	5.48
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1129	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	192.22	5.48
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1130	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	205.68	5.80
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1131	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	217.84	5.80
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1132	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	230.01	5.80
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1133	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	242.17	5.80
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1134	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	255.64	6.12
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1135	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	267.80	6.12
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1136	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	279.97	6.12
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1137	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	293.42	6.44
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1138	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	305.57	6.44
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	
08710-1139	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	.....	317.75	6.44
	08MOD-0393	For Four Beveled Edges, Add		6.30	
	08MOD-0394	For Counter Sink Holes, Add		5.60	
	08MOD-0395	For UL Label (Fire Rated), Add		9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1140	EA 24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	167.90 6.30 5.60 9.80	5.48
08710-1141	EA 24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	181.16 6.30 5.60 9.80	5.48
08710-1142	EA 24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	194.44 6.30 5.60 9.80	5.48
08710-1143	EA 24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	207.71 6.30 5.60 9.80	5.48
08710-1144	EA 24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	222.26 6.30 5.60 9.80	5.80
08710-1145	EA 24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	235.53 6.30 5.60 9.80	5.80
08710-1146	EA 24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	248.82 6.30 5.60 9.80	5.80
08710-1147	EA 24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	262.08 6.30 5.60 9.80	5.80
08710-1148	EA 24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	276.64 6.30 5.60 9.80	6.12
08710-1149	EA 24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	289.92 6.30 5.60 9.80	6.12
08710-1150	EA 24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	303.19 6.30 5.60 9.80	6.12
08710-1151	EA 24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	317.75 6.30 5.60 9.80	6.44
08710-1152	EA 24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	331.03 6.30 5.60 9.80	6.44
08710-1153	EA 24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	344.30 6.30 5.60 9.80	6.44
08710-1154	Satin/Dark Bronze Finish, Brass Kick Plate (08710-0899)		
08710-1155	EA 8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	56.57 1.76 5.60 9.80	4.83
08710-1156	EA 8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	59.94 1.76 5.60 9.80	4.83
08710-1157	EA 8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	63.35 1.76 5.60 9.80	4.83
08710-1158	EA 8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	66.72 1.76 5.60 9.80	4.83
08710-1159	EA 8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	71.41 1.76 5.60 9.80	5.15
08710-1160	EA 8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	74.79 1.76 5.60 9.80	5.15

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1161	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	78.18	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1162	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	81.56	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1163	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	86.22	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1164	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	89.62	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1165	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	93.01	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1166	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	97.68	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1167	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	101.06	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1168	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	104.45	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1169	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	65.88	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1170	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	70.12	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1171	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	74.34	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1172	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	78.57	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1173	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	84.09	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1174	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	88.33	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1175	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	92.56	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1176	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	96.79	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1177	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	102.32	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1178	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	106.55	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1179	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	110.77	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1180	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	116.30	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1181	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	120.53	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1182	EA 10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	124.76 1.76 5.60 9.80	5.80
08710-1183	EA 12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	75.19 1.76 5.60 9.80	4.83
08710-1184	EA 12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	80.27 1.76 5.60 9.80	4.83
08710-1185	EA 12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	85.34 1.76 5.60 9.80	4.83
08710-1186	EA 12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	90.43 1.76 5.60 9.80	4.83
08710-1187	EA 12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	96.79 1.76 5.60 9.80	5.15
08710-1188	EA 12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	101.88 1.76 5.60 9.80	5.15
08710-1189	EA 12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	106.96 1.76 5.60 9.80	5.15
08710-1190	EA 12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	112.03 1.76 5.60 9.80	5.15
08710-1191	EA 12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	118.41 1.76 5.60 9.80	5.48
08710-1192	EA 12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	123.48 1.76 5.60 9.80	5.48
08710-1193	EA 12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	128.55 1.76 5.60 9.80	5.48
08710-1194	EA 12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	134.91 1.76 5.60 9.80	5.80
08710-1195	EA 12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	140.00 1.76 5.60 9.80	5.80
08710-1196	EA 12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	145.07 1.76 5.60 9.80	5.80
08710-1197	EA 14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	85.78 1.76 5.60 9.80	5.15
08710-1198	EA 14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	91.72 1.76 5.60 9.80	5.15
08710-1199	EA 14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	97.64 1.76 5.60 9.80	5.15
08710-1200	EA 14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	103.56 1.76 5.60 9.80	5.15
08710-1201	EA 14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	110.77 1.76 5.60 9.80	5.48
08710-1202	EA 14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	116.70 1.76 5.60 9.80	5.48

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1203	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	122.63	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1204	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	128.55	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1205	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	135.76	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1206	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	141.68	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1207	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	147.60	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1208	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	154.83	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1209	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	160.77	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1210	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	166.69	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1211	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	95.11	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1212	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	101.88	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1213	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	108.64	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1214	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	115.41	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1215	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	123.48	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1216	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	130.25	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1217	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	137.02	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1218	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	143.79	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1219	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	151.86	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1220	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	158.63	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1221	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	165.40	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1222	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	173.44	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1223	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	180.23	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1224	EA 16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	187.00 1.76 5.60 9.80	6.12
08710-1225	EA 18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	130.10 6.30 5.60 9.80	5.15
08710-1226	EA 18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	140.07 6.30 5.60 9.80	5.15
08710-1227	EA 18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	150.01 6.30 5.60 9.80	5.15
08710-1228	EA 18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	159.98 6.30 5.60 9.80	5.15
08710-1229	EA 18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	171.21 6.30 5.60 9.80	5.48
08710-1230	EA 18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	181.16 6.30 5.60 9.80	5.48
08710-1231	EA 18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	191.12 6.30 5.60 9.80	5.48
08710-1232	EA 18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	201.07 6.30 5.60 9.80	5.48
08710-1233	EA 18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	212.30 6.30 5.60 9.80	5.80
08710-1234	EA 18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	222.26 6.30 5.60 9.80	5.80
08710-1235	EA 18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	232.22 6.30 5.60 9.80	5.80
08710-1236	EA 18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	243.46 6.30 5.60 9.80	6.12
08710-1237	EA 18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	253.42 6.30 5.60 9.80	6.12
08710-1238	EA 18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	263.37 6.30 5.60 9.80	6.12
08710-1239	EA 20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	143.55 6.30 5.60 9.80	5.48
08710-1240	EA 20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	154.63 6.30 5.60 9.80	5.48
08710-1241	EA 20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	165.68 6.30 5.60 9.80	5.48
08710-1242	EA 20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	176.75 6.30 5.60 9.80	5.48
08710-1243	EA 20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	189.08 6.30 5.60 9.80	5.80
08710-1244	EA 20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	200.14 6.30 5.60 9.80	5.80

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1245	EA	20"	x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	211.20 6.30 5.60 9.80	5.80
08710-1246	EA	20"	x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	222.26 6.30 5.60 9.80	5.80
08710-1247	EA	20"	x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	234.63 6.30 5.60 9.80	6.12
08710-1248	EA	20"	x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	245.67 6.30 5.60 9.80	6.12
08710-1249	EA	20"	x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	256.73 6.30 5.60 9.80	6.12
08710-1250	EA	20"	x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	269.09 6.30 5.60 9.80	6.44
08710-1251	EA	20"	x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	280.14 6.30 5.60 9.80	6.44
08710-1252	EA	20"	x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	291.21 6.30 5.60 9.80	6.44
08710-1253	EA	22"	x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	155.72 6.30 5.60 9.80	5.48
08710-1254	EA	22"	x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	167.90 6.30 5.60 9.80	5.48
08710-1255	EA	22"	x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	180.06 6.30 5.60 9.80	5.48
08710-1256	EA	22"	x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	192.22 6.30 5.60 9.80	5.48
08710-1257	EA	22"	x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	205.68 6.30 5.60 9.80	5.80
08710-1258	EA	22"	x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	217.84 6.30 5.60 9.80	5.80
08710-1259	EA	22"	x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	230.01 6.30 5.60 9.80	5.80
08710-1260	EA	22"	x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	242.17 6.30 5.60 9.80	5.80
08710-1261	EA	22"	x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	255.64 6.30 5.60 9.80	6.12
08710-1262	EA	22"	x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	267.80 6.30 5.60 9.80	6.12
08710-1263	EA	22"	x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	279.97 6.30 5.60 9.80	6.12
08710-1264	EA	22"	x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	293.42 6.30 5.60 9.80	6.44
08710-1265	EA	22"	x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	305.57 6.30 5.60 9.80	6.44



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1266	EA 22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	317.75 6.30 5.60 9.80	6.44
08710-1267	EA 24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	167.90 6.30 5.60 9.80	5.48
08710-1268	EA 24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	181.16 6.30 5.60 9.80	5.48
08710-1269	EA 24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	194.44 6.30 5.60 9.80	5.48
08710-1270	EA 24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	207.71 6.30 5.60 9.80	5.48
08710-1271	EA 24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	222.26 6.30 5.60 9.80	5.80
08710-1272	EA 24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	235.53 6.30 5.60 9.80	5.80
08710-1273	EA 24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	248.82 6.30 5.60 9.80	5.80
08710-1274	EA 24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	262.08 6.30 5.60 9.80	5.80
08710-1275	EA 24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	276.64 6.30 5.60 9.80	6.12
08710-1276	EA 24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	289.92 6.30 5.60 9.80	6.12
08710-1277	EA 24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	303.19 6.30 5.60 9.80	6.12
08710-1278	EA 24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	317.75 6.30 5.60 9.80	6.44
08710-1279	EA 24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	331.03 6.30 5.60 9.80	6.44
08710-1280	EA 24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	344.30 6.30 5.60 9.80	6.44
08710-1281	Satin Nickel Finish, Brass Kick Plate (08710-0899)		
08710-1282	EA 8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	56.57 1.76 5.60 9.80	4.83
08710-1283	EA 8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	59.94 1.76 5.60 9.80	4.83
08710-1284	EA 8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	63.35 1.76 5.60 9.80	4.83
08710-1285	EA 8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	66.72 1.76 5.60 9.80	4.83
08710-1286	EA 8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	71.41 1.76 5.60 9.80	5.15

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1287	EA	8" x 32"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....74.79		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1288	EA	8" x 34"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....78.18		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1289	EA	8" x 36"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....81.56		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1290	EA	8" x 38"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....86.22		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1291	EA	8" x 40"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....89.62		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1292	EA	8" x 42"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....93.01		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1293	EA	8" x 44"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....97.68		5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1294	EA	8" x 46"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....101.06		5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1295	EA	8" x 48"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....104.45		5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1296	EA	10" x 22"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....65.88		4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1297	EA	10" x 24"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....70.12		4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1298	EA	10" x 26"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....74.34		4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1299	EA	10" x 28"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....78.57		4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1300	EA	10" x 30"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....84.09		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1301	EA	10" x 32"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....88.33		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1302	EA	10" x 34"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....92.56		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1303	EA	10" x 36"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....96.79		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1304	EA	10" x 38"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....102.32		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1305	EA	10" x 40"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....106.55		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1306	EA	10" x 42"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....110.77		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1307	EA	10" x 44"	0.050" Thick, Satin Nickel Finish, Brass Kick Plate .....116.30		5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1308	EA 10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	120.53 1.76 5.60 9.80	5.80
08710-1309	EA 10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	124.76 1.76 5.60 9.80	5.80
08710-1310	EA 12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	75.19 1.76 5.60 9.80	4.83
08710-1311	EA 12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	80.27 1.76 5.60 9.80	4.83
08710-1312	EA 12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	85.34 1.76 5.60 9.80	4.83
08710-1313	EA 12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	90.43 1.76 5.60 9.80	4.83
08710-1314	EA 12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	96.79 1.76 5.60 9.80	5.15
08710-1315	EA 12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	101.88 1.76 5.60 9.80	5.15
08710-1316	EA 12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	106.96 1.76 5.60 9.80	5.15
08710-1317	EA 12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	112.03 1.76 5.60 9.80	5.15
08710-1318	EA 12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	118.41 1.76 5.60 9.80	5.48
08710-1319	EA 12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	123.48 1.76 5.60 9.80	5.48
08710-1320	EA 12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	128.55 1.76 5.60 9.80	5.48
08710-1321	EA 12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	134.91 1.76 5.60 9.80	5.80
08710-1322	EA 12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	140.00 1.76 5.60 9.80	5.80
08710-1323	EA 12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	145.07 1.76 5.60 9.80	5.80
08710-1324	EA 14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	85.78 1.76 5.60 9.80	5.15
08710-1325	EA 14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	91.72 1.76 5.60 9.80	5.15
08710-1326	EA 14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	97.64 1.76 5.60 9.80	5.15
08710-1327	EA 14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	103.56 1.76 5.60 9.80	5.15
08710-1328	EA 14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	110.77 1.76 5.60 9.80	5.48

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1329	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	116.70 1.76 5.60 9.80	5.48
08710-1330	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	122.63 1.76 5.60 9.80	5.48
08710-1331	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	128.55 1.76 5.60 9.80	5.48
08710-1332	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	135.76 1.76 5.60 9.80	5.80
08710-1333	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	141.68 1.76 5.60 9.80	5.80
08710-1334	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	147.60 1.76 5.60 9.80	5.80
08710-1335	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	154.83 1.76 5.60 9.80	6.12
08710-1336	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	160.77 1.76 5.60 9.80	6.12
08710-1337	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	166.69 1.76 5.60 9.80	6.12
08710-1338	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	95.11 1.76 5.60 9.80	5.15
08710-1339	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	101.88 1.76 5.60 9.80	5.15
08710-1340	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	108.64 1.76 5.60 9.80	5.15
08710-1341	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	115.41 1.76 5.60 9.80	5.15
08710-1342	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	123.48 1.76 5.60 9.80	5.48
08710-1343	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	130.25 1.76 5.60 9.80	5.48
08710-1344	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	137.02 1.76 5.60 9.80	5.48
08710-1345	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	143.79 1.76 5.60 9.80	5.48
08710-1346	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	151.86 1.76 5.60 9.80	5.80
08710-1347	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	158.63 1.76 5.60 9.80	5.80
08710-1348	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	165.40 1.76 5.60 9.80	5.80
08710-1349	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	173.44 1.76 5.60 9.80	6.12



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1350	EA 16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	180.23 1.76 5.60 9.80	6.12
08710-1351	EA 16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	187.00 1.76 5.60 9.80	6.12
08710-1352	EA 18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	130.10 6.30 5.60 9.80	5.15
08710-1353	EA 18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	140.07 6.30 5.60 9.80	5.15
08710-1354	EA 18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	150.01 6.30 5.60 9.80	5.15
08710-1355	EA 18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	159.98 6.30 5.60 9.80	5.15
08710-1356	EA 18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	171.21 6.30 5.60 9.80	5.48
08710-1357	EA 18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	181.16 6.30 5.60 9.80	5.48
08710-1358	EA 18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	191.12 6.30 5.60 9.80	5.48
08710-1359	EA 18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	201.07 6.30 5.60 9.80	5.48
08710-1360	EA 18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	212.30 6.30 5.60 9.80	5.80
08710-1361	EA 18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	222.26 6.30 5.60 9.80	5.80
08710-1362	EA 18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	232.22 6.30 5.60 9.80	5.80
08710-1363	EA 18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	243.46 6.30 5.60 9.80	6.12
08710-1364	EA 18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	253.42 6.30 5.60 9.80	6.12
08710-1365	EA 18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	263.37 6.30 5.60 9.80	6.12
08710-1366	EA 20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	143.55 6.30 5.60 9.80	5.48
08710-1367	EA 20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	154.63 6.30 5.60 9.80	5.48
08710-1368	EA 20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	165.68 6.30 5.60 9.80	5.48
08710-1369	EA 20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	176.75 6.30 5.60 9.80	5.48
08710-1370	EA 20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	189.08 6.30 5.60 9.80	5.80

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1371	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	200.14	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1372	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	211.20	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1373	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	222.26	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1374	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	234.63	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1375	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	245.67	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1376	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	256.73	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1377	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	269.09	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1378	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	280.14	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1379	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	291.21	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1380	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	155.72	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1381	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	167.90	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1382	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	180.06	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1383	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	192.22	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1384	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	205.68	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1385	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	217.84	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1386	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	230.01	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1387	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	242.17	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1388	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	255.64	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1389	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	267.80	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1390	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	279.97	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1391	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	293.42	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1392	EA 22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	305.57 6.30 5.60 9.80	6.44
08710-1393	EA 22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	317.75 6.30 5.60 9.80	6.44
08710-1394	EA 24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	167.90 6.30 5.60 9.80	5.48
08710-1395	EA 24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	181.16 6.30 5.60 9.80	5.48
08710-1396	EA 24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	194.44 6.30 5.60 9.80	5.48
08710-1397	EA 24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	207.71 6.30 5.60 9.80	5.48
08710-1398	EA 24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	222.26 6.30 5.60 9.80	5.80
08710-1399	EA 24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	235.53 6.30 5.60 9.80	5.80
08710-1400	EA 24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	248.82 6.30 5.60 9.80	5.80
08710-1401	EA 24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	262.08 6.30 5.60 9.80	5.80
08710-1402	EA 24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	276.64 6.30 5.60 9.80	6.12
08710-1403	EA 24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	289.92 6.30 5.60 9.80	6.12
08710-1404	EA 24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	303.19 6.30 5.60 9.80	6.12
08710-1405	EA 24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	317.75 6.30 5.60 9.80	6.44
08710-1406	EA 24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	331.03 6.30 5.60 9.80	6.44
08710-1407	EA 24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	344.30 6.30 5.60 9.80	6.44
08710-1408	Stainless Base Material Kick Plate (08710-0770)		
08710-1409	Satin Stainless Finish, Stainless Kick Plate (08710-1408)		
08710-1410	EA 8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	30.94 1.76 5.60 9.80	4.83
08710-1411	EA 8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	32.01 1.76 5.60 9.80	4.83
08710-1412	EA 8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	33.05 1.76 5.60 9.80	4.83
08710-1413	EA 8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	34.14 1.76 5.60 9.80	4.83

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1414	EA	8" x 30"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	36.48	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1415	EA	8" x 32"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	37.51	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1416	EA	8" x 34"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	38.60	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1417	EA	8" x 36"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	39.65	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1418	EA	8" x 38"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	42.00	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1419	EA	8" x 40"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	43.06	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1420	EA	8" x 42"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	44.11	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1421	EA	8" x 44"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	46.45	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1422	EA	8" x 46"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	47.51	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1423	EA	8" x 48"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.56	5.80
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1424	EA	10" x 22"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	33.85	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1425	EA	10" x 24"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	35.19	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1426	EA	10" x 26"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	36.51	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1427	EA	10" x 28"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	37.82	4.83
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1428	EA	10" x 30"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	40.44	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1429	EA	10" x 32"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	41.77	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1430	EA	10" x 34"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	43.08	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1431	EA	10" x 36"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	44.39	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1432	EA	10" x 38"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	47.03	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1433	EA	10" x 40"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.34	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1434	EA	10" x 42"	0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.65	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1435	EA 10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	52.26 1.76 5.60 9.80	5.80
08710-1436	EA 10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	53.59 1.76 5.60 9.80	5.80
08710-1437	EA 10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	54.90 1.76 5.60 9.80	5.80
08710-1438	EA 12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	36.77 1.76 5.60 9.80	4.83
08710-1439	EA 12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	38.36 1.76 5.60 9.80	4.83
08710-1440	EA 12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	39.94 1.76 5.60 9.80	4.83
08710-1441	EA 12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	41.53 1.76 5.60 9.80	4.83
08710-1442	EA 12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	44.39 1.76 5.60 9.80	5.15
08710-1443	EA 12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	45.99 1.76 5.60 9.80	5.15
08710-1444	EA 12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	47.56 1.76 5.60 9.80	5.15
08710-1445	EA 12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	49.16 1.76 5.60 9.80	5.15
08710-1446	EA 12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	52.02 1.76 5.60 9.80	5.48
08710-1447	EA 12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	53.62 1.76 5.60 9.80	5.48
08710-1448	EA 12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	55.22 1.76 5.60 9.80	5.48
08710-1449	EA 12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	58.07 1.76 5.60 9.80	5.80
08710-1450	EA 12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	59.67 1.76 5.60 9.80	5.80
08710-1451	EA 12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	61.24 1.76 5.60 9.80	5.80
08710-1452	EA 14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	40.97 1.76 5.60 9.80	5.15
08710-1453	EA 14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	42.82 1.76 5.60 9.80	5.15
08710-1454	EA 14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	44.68 1.76 5.60 9.80	5.15
08710-1455	EA 14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	46.52 1.76 5.60 9.80	5.15

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1456	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	49.65	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1457	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	51.51	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1458	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	53.36	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1459	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	55.22	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1460	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	58.36	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1461	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	60.18	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1462	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	62.04	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1463	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	65.19	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1464	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	67.04	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1465	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	68.90	6.12
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1466	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	43.88	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1467	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	45.99	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1468	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	48.11	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1469	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	50.22	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1470	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	53.62	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1471	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	55.73	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1472	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	57.85	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1473	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	59.96	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1474	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	63.35	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1475	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	65.48	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1476	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	67.61	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1477	EA 16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	71.01 1.76 5.60 9.80	6.12
08710-1478	EA 16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	73.12 1.76 5.60 9.80	6.12
08710-1479	EA 16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	75.24 1.76 5.60 9.80	6.12
08710-1480	EA 18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	47.98 6.30 5.60 9.80	5.15
08710-1481	EA 18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	50.48 6.30 5.60 9.80	5.15
08710-1482	EA 18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	52.96 6.30 5.60 9.80	5.15
08710-1483	EA 18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	55.45 6.30 5.60 9.80	5.15
08710-1484	EA 18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	59.24 6.30 5.60 9.80	5.48
08710-1485	EA 18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	61.72 6.30 5.60 9.80	5.48
08710-1486	EA 18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	64.20 6.30 5.60 9.80	5.48
08710-1487	EA 18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	66.68 6.30 5.60 9.80	5.48
08710-1488	EA 18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	70.46 6.30 5.60 9.80	5.80
08710-1489	EA 18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	72.95 6.30 5.60 9.80	5.80
08710-1490	EA 18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	75.43 6.30 5.60 9.80	5.80
08710-1491	EA 18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	79.22 6.30 5.60 9.80	6.12
08710-1492	EA 18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	81.72 6.30 5.60 9.80	6.12
08710-1493	EA 18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	84.19 6.30 5.60 9.80	6.12
08710-1494	EA 20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	52.32 6.30 5.60 9.80	5.48
08710-1495	EA 20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	55.08 6.30 5.60 9.80	5.48
08710-1496	EA 20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	57.85 6.30 5.60 9.80	5.48
08710-1497	EA 20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>08MOD-0393 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	60.60 6.30 5.60 9.80	5.48

08000 Doors And Windows**08700 Hardware And Specialties****08710 Finish Hardware**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1498	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.66	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1499	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.43	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1500	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.18	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1501	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.95	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1502	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.00	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1503	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.77	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1504	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.55	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1505	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.59	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1506	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.36	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1507	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.12	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1508	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.35	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1509	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.41	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1510	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.43	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1511	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.49	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1512	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.79	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1513	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.85	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1514	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.88	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1515	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.93	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1516	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.25	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1517	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.30	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1518	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.35	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1519 EA 22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.67	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1520 EA 22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.72	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1521 EA 22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.75	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1522 EA 24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.41	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1523 EA 24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.72	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1524 EA 24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.04	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1525 EA 24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.35	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1526 EA 24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.95	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1527 EA 24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.27	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1528 EA 24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.59	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1529 EA 24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.90	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1530 EA 24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.51	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1531 EA 24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	90.83	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1532 EA 24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.15	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1533 EA 24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.75	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1534 EA 24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.07	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1535 EA 24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.40	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1536 Bright Stainless Finish, Stainless Kick Plate <small>(08710-1408)</small>		
08710-1537 EA 8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	46.11	4.83
08MOD-0392 For Four Beveled Edges, Add	1.76	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1538 EA 8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	48.55	4.83
08MOD-0392 For Four Beveled Edges, Add	1.76	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1539 EA 8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	50.98	4.83
08MOD-0392 For Four Beveled Edges, Add	1.76	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1540	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	53.41	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1541	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	57.13	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1542	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	59.58	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1543	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	62.00	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1544	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	64.45	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1545	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	68.15	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1546	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	70.60	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1547	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	73.05	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1548	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	76.75	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1549	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	79.19	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1550	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	81.61	5.80
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1551	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	52.80	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1552	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	55.84	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1553	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	58.89	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1554	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	61.94	4.83
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1555	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	66.26	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1556	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	69.31	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1557	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	72.36	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1558	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	75.41	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1559	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	79.73	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1560	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	82.78	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1561	EA 10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	85.83 1.76 5.60 9.80	5.48
08710-1562	EA 10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	90.14 1.76 5.60 9.80	5.80
08710-1563	EA 10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	93.19 1.76 5.60 9.80	5.80
08710-1564	EA 10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	96.24 1.76 5.60 9.80	5.80
08710-1565	EA 12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	59.49 1.76 5.60 9.80	4.83
08710-1566	EA 12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	63.16 1.76 5.60 9.80	4.83
08710-1567	EA 12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	66.81 1.76 5.60 9.80	4.83
08710-1568	EA 12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	70.47 1.76 5.60 9.80	4.83
08710-1569	EA 12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	75.41 1.76 5.60 9.80	5.15
08710-1570	EA 12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	79.04 1.76 5.60 9.80	5.15
08710-1571	EA 12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	82.71 1.76 5.60 9.80	5.15
08710-1572	EA 12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	86.36 1.76 5.60 9.80	5.15
08710-1573	EA 12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	91.30 1.76 5.60 9.80	5.48
08710-1574	EA 12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	94.96 1.76 5.60 9.80	5.48
08710-1575	EA 12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	98.60 1.76 5.60 9.80	5.48
08710-1576	EA 12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	103.55 1.76 5.60 9.80	5.80
08710-1577	EA 12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	107.19 1.76 5.60 9.80	5.80
08710-1578	EA 12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	110.84 1.76 5.60 9.80	5.80
08710-1579	EA 14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	67.49 1.76 5.60 9.80	5.15
08710-1580	EA 14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	71.76 1.76 5.60 9.80	5.15
08710-1581	EA 14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	76.02 1.76 5.60 9.80	5.15

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1582	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	80.28	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1583	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.83	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1584	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	90.09	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1585	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	94.35	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1586	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	98.60	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1587	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.16	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1588	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	108.42	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1589	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.68	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1590	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.23	6.12
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1591	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.48	6.12
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1592	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.74	6.12
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1593	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	74.18	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1594	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	79.04	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1595	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	83.94	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1596	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	88.80	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1597	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	94.96	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1598	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	99.83	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1599	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.69	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1600	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.56	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1601	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.72	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1602	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	120.58	5.80
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1603	EA 16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	125.45 1.76 5.60 9.80	5.80
08710-1604	EA 16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	131.61 1.76 5.60 9.80	6.12
08710-1605	EA 16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	136.49 1.76 5.60 9.80	6.12
08710-1606	EA 16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	141.37 1.76 5.60 9.80	6.12
08710-1607	EA 18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	81.59 6.30 5.60 9.80	5.15
08710-1608	EA 18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	87.16 6.30 5.60 9.80	5.15
08710-1609	EA 18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	92.68 6.30 5.60 9.80	5.15
08710-1610	EA 18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	98.25 6.30 5.60 9.80	5.15
08710-1611	EA 18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	105.08 6.30 5.60 9.80	5.48
08710-1612	EA 18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	110.60 6.30 5.60 9.80	5.48
08710-1613	EA 18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	116.17 6.30 5.60 9.80	5.48
08710-1614	EA 18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	124.86 6.30 5.60 9.80	5.48
08710-1615	EA 18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	128.54 6.30 5.60 9.80	5.80
08710-1616	EA 18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	134.08 6.30 5.60 9.80	5.80
08710-1617	EA 18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	139.62 6.30 5.60 9.80	5.80
08710-1618	EA 18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	146.46 6.30 5.60 9.80	6.12
08710-1619	EA 18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	152.00 6.30 5.60 9.80	6.12
08710-1620	EA 18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	157.55 6.30 5.60 9.80	6.12
08710-1621	EA 20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	89.68 6.30 5.60 9.80	5.48
08710-1622	EA 20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	95.83 6.30 5.60 9.80	5.48
08710-1623	EA 20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate 08MOD-0393 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	101.99 6.30 5.60 9.80	5.48

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1624	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	108.15	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1625	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.59	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1626	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.76	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1627	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.91	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1628	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.08	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1629	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	141.51	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1630	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.69	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1631	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.85	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1632	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	161.29	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1633	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	167.46	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1634	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.61	6.44
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1635	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.45	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1636	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.22	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1637	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.00	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1638	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.77	5.48
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1639	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.83	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1640	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.61	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1641	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.40	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1642	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.17	5.80
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1643	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.23	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1644	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	160.00	6.12
		08MOD-0393 For Four Beveled Edges, Add	6.30	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1645 EA 22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.78	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1646 EA 22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	174.84	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1647 EA 22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	181.63	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1648 EA 22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.40	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1649 EA 24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.22	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1650 EA 24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.60	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1651 EA 24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.01	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1652 EA 24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	125.40	5.48
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1653 EA 24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.08	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1654 EA 24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	141.46	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1655 EA 24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	148.85	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1656 EA 24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	156.26	5.80
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1657 EA 24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.94	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1658 EA 24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	172.32	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1659 EA 24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.72	6.12
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1660 EA 24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.40	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1661 EA 24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.81	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1662 EA 24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	203.19	6.44
08MOD-0393 For Four Beveled Edges, Add	6.30	
08MOD-0394 For Counter Sink Holes, Add	5.60	
08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1663 Plastic Kick Plate <small>(08710-0770)</small>		
08710-1664 Clear Or Black Finish, Plastic Kick Plate <small>(08710-1663)</small>		
Note: With four beveled edges		
08710-1665 EA 8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	46.11	4.83
08710-1666 EA 8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	48.55	4.83
08710-1667 EA 8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	50.98	4.83
08710-1668 EA 8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	53.41	4.83
08710-1669 EA 8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	57.13	5.15
08710-1670 EA 8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	59.58	5.15
08710-1671 EA 8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	62.00	5.15
08710-1672 EA 8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	64.45	5.15



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1673	EA 8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	68.15 5.48
08710-1674	EA 8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	70.60 5.48
08710-1675	EA 8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	73.05 5.48
08710-1676	EA 8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	76.75 5.80
08710-1677	EA 8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	79.19 5.80
08710-1678	EA 8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	81.61 5.80
08710-1679	EA 10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	52.80 4.83
08710-1680	EA 10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	55.84 4.83
08710-1681	EA 10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	58.89 4.83
08710-1682	EA 10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	61.94 4.83
08710-1683	EA 10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	66.26 5.15
08710-1684	EA 10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	69.31 5.15
08710-1685	EA 10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	72.36 5.15
08710-1686	EA 10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.41 5.15
08710-1687	EA 10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	79.73 5.48
08710-1688	EA 10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	82.78 5.48
08710-1689	EA 10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	85.83 5.48
08710-1690	EA 10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	90.14 5.80
08710-1691	EA 10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	93.19 5.80
08710-1692	EA 10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	96.24 5.80
08710-1693	EA 12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	59.49 4.83
08710-1694	EA 12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	63.16 4.83
08710-1695	EA 12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	66.81 4.83
08710-1696	EA 12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	70.47 4.83
08710-1697	EA 12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	75.41 5.15
08710-1698	EA 12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	79.04 5.15
08710-1699	EA 12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	82.71 5.15
08710-1700	EA 12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	86.36 5.15
08710-1701	EA 12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	91.30 5.48
08710-1702	EA 12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	94.96 5.48
08710-1703	EA 12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	98.60 5.48
08710-1704	EA 12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.55 5.80
08710-1705	EA 12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	107.19 5.80
08710-1706	EA 12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.84 5.80
08710-1707	EA 14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	67.49 5.15
08710-1708	EA 14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	71.76 5.15
08710-1709	EA 14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	76.02 5.15
08710-1710	EA 14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	80.28 5.15
08710-1711	EA 14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	85.83 5.48
08710-1712	EA 14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	90.09 5.48
08710-1713	EA 14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	94.35 5.48
08710-1714	EA 14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	98.60 5.48
08710-1715	EA 14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	104.16 5.80
08710-1716	EA 14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	108.42 5.80
08710-1717	EA 14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.68 5.80
08710-1718	EA 14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	118.23 6.12
08710-1719	EA 14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.48 6.12
08710-1720	EA 14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	126.74 6.12
08710-1721	EA 16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	74.18 5.15
08710-1722	EA 16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	79.04 5.15
08710-1723	EA 16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	83.94 5.15
08710-1724	EA 16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	88.80 5.15
08710-1725	EA 16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	94.96 5.48
08710-1726	EA 16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.83 5.48
08710-1727	EA 16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	104.69 5.48
08710-1728	EA 16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	109.56 5.48
08710-1729	EA 16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.72 5.80
08710-1730	EA 16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	120.58 5.80
08710-1731	EA 16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	125.45 5.80
08710-1732	EA 16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	131.61 6.12
08710-1733	EA 16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	136.49 6.12
08710-1734	EA 16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	141.37 6.12
08710-1735	EA 18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	81.59 5.15
08710-1736	EA 18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	87.16 5.15
08710-1737	EA 18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	92.68 5.15
08710-1738	EA 18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	98.25 5.15
08710-1739	EA 18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	105.08 5.48
08710-1740	EA 18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.60 5.48
08710-1741	EA 18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	116.17 5.48
08710-1742	EA 18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	124.86 5.48
08710-1743	EA 18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	128.54 5.80
08710-1744	EA 18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	134.08 5.80
08710-1745	EA 18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	139.62 5.80
08710-1746	EA 18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	146.46 6.12
08710-1747	EA 18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	152.00 6.12
08710-1748	EA 18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	157.55 6.12
08710-1749	EA 20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	89.68 5.48
08710-1750	EA 20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	95.83 5.48
08710-1751	EA 20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	101.99 5.48
08710-1752	EA 20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	108.15 5.48
08710-1753	EA 20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.59 5.80



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1754	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	121.76	5.80
08710-1755	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	127.91	5.80
08710-1756	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	134.08	5.80
08710-1757	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	141.51	6.12
08710-1758	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	147.69	6.12
08710-1759	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	153.85	6.12
08710-1760	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	161.29	6.44
08710-1761	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	167.46	6.44
08710-1762	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	173.61	6.44
08710-1763	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	96.45	5.48
08710-1764	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.22	5.48
08710-1765	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.00	5.48
08710-1766	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	116.77	5.48
08710-1767	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	124.83	5.80
08710-1768	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	131.61	5.80
08710-1769	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	138.40	5.80
08710-1770	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	145.17	5.80
08710-1771	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	153.23	6.12
08710-1772	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	160.00	6.12
08710-1773	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	166.78	6.12
08710-1774	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	174.84	6.44
08710-1775	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	181.63	6.44
08710-1776	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	188.40	6.44
08710-1777	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.22	5.48
08710-1778	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.60	5.48
08710-1779	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	118.01	5.48
08710-1780	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	125.40	5.48
08710-1781	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	134.08	5.80
08710-1782	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	141.46	5.80
08710-1783	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	148.85	5.80
08710-1784	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	156.26	5.80
08710-1785	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	164.94	6.12
08710-1786	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	172.32	6.12
08710-1787	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	179.72	6.12
08710-1788	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	188.40	6.44
08710-1789	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	195.81	6.44
08710-1790	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	203.19	6.44
08710-1791 Adhesive Backed Kick Plate (08710-0769)				
08710-1792	EA	8" x 28" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	33.21	4.89
08710-1793	EA	8" x 30" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	34.07	4.89
08710-1794	EA	8" x 32" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	34.95	4.89
08710-1795	EA	8" x 34" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.05	5.15
08710-1796	EA	8" x 36" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.88	5.15
08710-1797	EA	8" x 38" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.88	5.15
08710-1798	EA	12" x 28" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	34.03	4.89
08710-1799	EA	12" x 30" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.04	5.15
08710-1800	EA	12" x 32" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.98	5.15
08710-1801	EA	12" x 34" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.98	5.15
08710-1802	EA	12" x 36" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	37.86	5.15
08710-1803	EA	12" x 38" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	39.35	5.41
08710-1804	EA	16" x 28" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	36.91	5.15
08710-1805	EA	16" x 30" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	37.93	5.15
08710-1806	EA	16" x 32" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	38.99	5.15
08710-1807	EA	16" x 34" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	40.02	5.41
08710-1808	EA	16" x 36" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	40.99	5.41
08710-1809	EA	16" x 38" Vinyl, Adhesive Backed Kick Plate With 3 Beveled Edges.....	41.52	5.41
08710-1810 Mop Plate (08710-0769)				
Note: Ives 8400				
08710-1811 Aluminum Base Material Mop Plate (08710-1810)				
08710-1812 Satin Aluminum Finish, Aluminum Mop Plate (08710-1811)				
08710-1813	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	24.77	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1814	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	25.32	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1815	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	25.86	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1816	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	26.42	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1817	EA	4" x 30"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....27.74		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1818	EA	4" x 32"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....28.28		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1819	EA	4" x 34"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....28.83		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1820	EA	4" x 36"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....29.37		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1821	EA	4" x 38"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....31.03		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1822	EA	4" x 40"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....31.57		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1823	EA	4" x 42"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....32.12		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1824	EA	4" x 44"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....33.95		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1825	EA	4" x 46"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....34.51		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1826	EA	4" x 48"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....35.05		5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1827	EA	6" x 22"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....27.78		4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1828	EA	6" x 24"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....28.60		4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1829	EA	6" x 26"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....29.43		4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1830	EA	6" x 28"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....30.25		4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1831	EA	6" x 30"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....31.85		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1832	EA	6" x 32"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....32.66		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1833	EA	6" x 34"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....33.50		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1834	EA	6" x 36"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....34.30		4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1835	EA	6" x 38"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....36.23		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1836	EA	6" x 40"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....37.05		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1837	EA	6" x 42"	0,050" Thick, Satin Aluminum Finish, Aluminum Mop Plate .....37.88		5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1838	EA 6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	39.99 1.76 5.60 9.80	5.48
08710-1839	EA 6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	40.82 1.76 5.60 9.80	5.48
08710-1840	EA 6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	41.63 1.76 5.60 9.80	5.48
08710-1841	Brass Base Material Mop Plate (08710-1810)		
08710-1842	Bright/Satin Brass Finish, Brass Mop Plate (08710-1841)		
08710-1843	EA 4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	36.34 1.76 5.60 9.80	4.70
08710-1844	EA 4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	37.96 1.76 5.60 9.80	4.70
08710-1845	EA 4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	39.55 1.76 5.60 9.80	4.70
08710-1846	EA 4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	41.16 1.76 5.60 9.80	4.70
08710-1847	EA 4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	43.52 1.76 5.60 9.80	4.89
08710-1848	EA 4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	45.12 1.76 5.60 9.80	4.89
08710-1849	EA 4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	46.73 1.76 5.60 9.80	4.89
08710-1850	EA 4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	48.32 1.76 5.60 9.80	4.89
08710-1851	EA 4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	51.03 1.76 5.60 9.80	5.15
08710-1852	EA 4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	52.62 1.76 5.60 9.80	5.15
08710-1853	EA 4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	54.22 1.76 5.60 9.80	5.15
08710-1854	EA 4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	57.12 1.76 5.60 9.80	5.48
08710-1855	EA 4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	58.71 1.76 5.60 9.80	5.48
08710-1856	EA 4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	60.33 1.76 5.60 9.80	5.48
08710-1857	EA 6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	45.16 1.76 5.60 9.80	4.70
08710-1858	EA 6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	47.55 1.76 5.60 9.80	4.70
08710-1859	EA 6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate 08MOD-0392 For Four Beveled Edges, Add 08MOD-0394 For Counter Sink Holes, Add 08MOD-0395 For UL Label (Fire Rated), Add	49.96 1.76 5.60 9.80	4.70

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1860	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		52.35	4.70
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1861	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		55.53	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1862	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		57.94	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1863	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		60.32	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1864	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		62.74	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1865	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		66.22	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1866	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		68.64	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1867	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		71.04	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1868	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		74.73	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1869	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		77.13	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1870	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....		79.52	5.48
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1871		Bright/Satin Chrome Finish, Brass Mop Plate <small>(08710-1841)</small>			
08710-1872	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		38.01	4.70
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1873	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		39.75	4.70
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1874	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		41.50	4.70
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1875	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		43.26	4.70
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1876	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		45.77	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1877	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		47.52	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1878	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		49.28	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1879	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		51.02	4.89
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	
08710-1880	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....		53.87	5.15
		08MOD-0392 For Four Beveled Edges, Add		1.76	
		08MOD-0394 For Counter Sink Holes, Add		5.60	
		08MOD-0395 For UL Label (Fire Rated), Add		9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1881	EA 4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	55.64	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1882	EA 4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	57.39	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1883	EA 4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	60.44	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1884	EA 4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	62.18	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1885	EA 4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	63.93	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1886	EA 6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	47.64	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1887	EA 6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	50.25	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1888	EA 6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	52.89	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1889	EA 6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	55.52	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1890	EA 6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	58.91	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1891	EA 6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	61.54	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1892	EA 6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	64.16	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1893	EA 6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	66.79	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1894	EA 6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	70.53	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1895	EA 6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	73.14	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1896	EA 6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	75.78	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1897	EA 6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	79.68	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1898	EA 6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	82.32	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1899	EA 6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	84.94	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1900	Satin/Dark Bronze Finish, Brass Mop Plate (08710-1841)		
08710-1901	EA 4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate.....	38.32	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1902	EA	4" x 24"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	40.10	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1903	EA	4" x 26"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	41.88	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1904	EA	4" x 28"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	43.66	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1905	EA	4" x 30"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	46.21	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1906	EA	4" x 32"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	48.00	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1907	EA	4" x 34"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	49.78	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1908	EA	4" x 36"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	51.57	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1909	EA	4" x 38"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	54.43	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1910	EA	4" x 40"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	56.22	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1911	EA	4" x 42"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	58.00	5.15
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1912	EA	4" x 44"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	61.08	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1913	EA	4" x 46"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	62.86	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1914	EA	4" x 48"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	64.62	5.48
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1915	EA	6" x 22"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	48.11	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1916	EA	6" x 24"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	50.80	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1917	EA	6" x 26"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	53.46	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1918	EA	6" x 28"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	56.22	4.70
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1919	EA	6" x 30"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	59.57	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1920	EA	6" x 32"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	62.23	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1921	EA	6" x 34"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	64.90	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1922	EA	6" x 36"	0,050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	67.57	4.89
			08MOD-0392 For Four Beveled Edges, Add	1.76	
			08MOD-0394 For Counter Sink Holes, Add	5.60	
			08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1923	EA 6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	71.36 1.76 5.60 9.80	5.15
08710-1924	EA 6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	74.02 1.76 5.60 9.80	5.15
08710-1925	EA 6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	76.69 1.76 5.60 9.80	5.15
08710-1926	EA 6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	80.65 1.76 5.60 9.80	5.48
08710-1927	EA 6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	83.31 1.76 5.60 9.80	5.48
08710-1928	EA 6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	85.98 1.76 5.60 9.80	5.48
08710-1929	Satin Nickel Finish, Brass Mop Plate <small>(08710-1841)</small>		
08710-1930	EA 4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	38.70 1.76 5.60 9.80	4.70
08710-1931	EA 4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	40.50 1.76 5.60 9.80	4.70
08710-1932	EA 4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	42.32 1.76 5.60 9.80	4.70
08710-1933	EA 4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	44.14 1.76 5.60 9.80	4.70
08710-1934	EA 4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	46.73 1.76 5.60 9.80	4.89
08710-1935	EA 4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	48.53 1.76 5.60 9.80	4.89
08710-1936	EA 4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	50.35 1.76 5.60 9.80	4.89
08710-1937	EA 4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	52.17 1.76 5.60 9.80	4.89
08710-1938	EA 4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	55.09 1.76 5.60 9.80	5.15
08710-1939	EA 4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	56.90 1.76 5.60 9.80	5.15
08710-1940	EA 4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	58.70 1.76 5.60 9.80	5.15
08710-1941	EA 4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	61.82 1.76 5.60 9.80	5.48
08710-1942	EA 4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	63.64 1.76 5.60 9.80	5.48
08710-1943	EA 4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	65.43 1.76 5.60 9.80	5.48

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1944	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	48.68	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1945	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	51.40	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1946	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	54.11	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1947	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	56.83	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1948	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	60.32	4.89
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1949	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	63.04	4.89
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1950	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	65.76	4.89
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1951	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	68.49	4.89
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1952	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	72.31	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1953	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	75.04	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1954	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	77.76	5.15
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1955	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	81.77	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1956	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	84.49	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1957	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	87.22	5.48
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1958		Stainless Base Material Mop Plate (08710-1810)		
08710-1959		Satin Stainless Finish, Stainless Mop Plate (08710-1958)		
08710-1960	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	25.16	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1961	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	25.72	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1962	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	26.31	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1963	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	26.89	4.70
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1964	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	28.25	4.89
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1965	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	28.83	4.89
		08MOD-0392 For Four Beveled Edges, Add	1.76	
		08MOD-0394 For Counter Sink Holes, Add	5.60	
		08MOD-0395 For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1966	EA 4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	29.40	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1967	EA 4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	29.99	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1968	EA 4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	31.67	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1969	EA 4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	32.25	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1970	EA 4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	32.84	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1971	EA 4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	34.70	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1972	EA 4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	35.29	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1973	EA 4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	35.86	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1974	EA 6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	28.34	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1975	EA 6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	29.22	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1976	EA 6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	30.09	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1977	EA 6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	30.97	4.70
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1978	EA 6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	32.60	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1979	EA 6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	33.47	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1980	EA 6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	34.36	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1981	EA 6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	35.23	4.89
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1982	EA 6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	37.21	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1983	EA 6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	38.07	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1984	EA 6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	38.94	5.15
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1985	EA 6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	41.12	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	
08710-1986	EA 6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate.....	41.98	5.48
	08MOD-0392 For Four Beveled Edges, Add	1.76	
	08MOD-0394 For Counter Sink Holes, Add	5.60	
	08MOD-0395 For UL Label (Fire Rated), Add	9.80	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-1987	EA		6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.86	5.48
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1988			Bright Stainless Finish, Stainless Mop Plate (08710-1958)		
08710-1989	EA		4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	32.98	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1990	EA		4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	34.28	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1991	EA		4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	35.58	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1992	EA		4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	36.86	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1993	EA		4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	38.93	4.89
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1994	EA		4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	40.23	4.89
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1995	EA		4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	41.53	4.89
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1996	EA		4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	42.83	4.89
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1997	EA		4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	45.21	5.15
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1998	EA		4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	46.51	5.15
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-1999	EA		4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	47.82	5.15
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2000	EA		4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	50.40	5.48
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2001	EA		4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	51.70	5.48
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2002	EA		4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	52.98	5.48
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2003	EA		6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	40.10	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2004	EA		6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	42.06	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2005	EA		6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	44.00	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2006	EA		6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	45.95	4.70
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	
08710-2007	EA		6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	48.65	4.89
	08MOD-0392		For Four Beveled Edges, Add	1.76	
	08MOD-0394		For Counter Sink Holes, Add	5.60	
	08MOD-0395		For UL Label (Fire Rated), Add	9.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2008	EA 6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	50.59 1.76 5.60 9.80	4.89
08710-2009	EA 6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	52.53 1.76 5.60 9.80	4.89
08710-2010	EA 6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	54.47 1.76 5.60 9.80	4.89
08710-2011	EA 6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	57.53 1.76 5.60 9.80	5.15
08710-2012	EA 6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	59.47 1.76 5.60 9.80	5.15
08710-2013	EA 6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	61.41 1.76 5.60 9.80	5.15
08710-2014	EA 6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	64.65 1.76 5.60 9.80	5.48
08710-2015	EA 6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	66.58 1.76 5.60 9.80	5.48
08710-2016	EA 6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>08MOD-0392 For Four Beveled Edges, Add</i> <i>08MOD-0394 For Counter Sink Holes, Add</i> <i>08MOD-0395 For UL Label (Fire Rated), Add</i>	68.52 1.76 5.60 9.80	5.48
08710-2017	Plastic Mop Plate <small>(08710-1810)</small>		
08710-2018	Clear Or Black Finish, Plastic Mop Plate <small>(08710-2017)</small> Note: With four beveled edges		
08710-2019	EA 4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	24.07	4.70
08710-2020	EA 4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	24.56	4.70
08710-2021	EA 4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	25.05	4.70
08710-2022	EA 4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	25.53	4.70
08710-2023	EA 4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	26.79	4.89
08710-2024	EA 4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	27.27	4.89
08710-2025	EA 4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	27.75	4.89
08710-2026	EA 4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	28.25	4.89
08710-2027	EA 4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	29.83	5.15
08710-2028	EA 4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	30.31	5.15
08710-2029	EA 4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	30.79	5.15
08710-2030	EA 4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	32.57	5.48
08710-2031	EA 4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	33.06	5.48
08710-2032	EA 4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	33.54	5.48
08710-2033	EA 6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	26.74	4.70
08710-2034	EA 6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	27.48	4.70
08710-2035	EA 6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	28.20	4.70
08710-2036	EA 6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	28.92	4.70
08710-2037	EA 6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	30.43	4.89
08710-2038	EA 6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	31.15	4.89
08710-2039	EA 6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled	31.88	4.89

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2040	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	32.60	4.89
08710-2041	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	34.44	5.15
08710-2042	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	35.16	5.15
08710-2043	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	35.89	5.15
08710-2044	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	37.91	5.48
08710-2045	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	38.64	5.48
08710-2046	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled	39.36	5.48
08710-2047		Armor Door Plate (08710-0769) Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400		
08710-2048	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate.....	11.95	0.81
08710-2049	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate.....	11.24	0.63
08710-2050	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate.....	13.17	0.81
08710-2051	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate.....	12.46	0.63
08710-2052	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate.....	25.40	0.81
08710-2053	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate.....	24.69	0.63
08710-2054		Pull Handle And Plates (08710-0769)		
08710-2055		Pull Handle (08710-2054)		
08710-2056	EA	3/4" Diameter Aluminum Door Pulls, 6" Long.....	37.59	4.02
	08MOD-0159	For Stainless Steel, Add	9.03	
	08MOD-0160	For Brass, Add	12.25	
08710-2057	EA	3/4" Diameter Aluminum Door Pulls, 8" Long.....	37.59	4.02
	08MOD-0159	For Stainless Steel, Add	9.03	
	08MOD-0160	For Brass, Add	12.25	
08710-2058	EA	3/4" Diameter Aluminum Door Pulls, 10" Long.....	39.72	4.02
	08MOD-0159	For Stainless Steel, Add	9.92	
	08MOD-0160	For Brass, Add	13.46	
08710-2059	EA	1" Diameter Aluminum Door Pulls, 8" Long.....	44.73	4.02
	08MOD-0159	For Stainless Steel, Add	12.02	
	08MOD-0160	For Brass, Add	16.32	
08710-2060	EA	1" Diameter Aluminum Door Pulls, 10" Long.....	47.61	4.02
	08MOD-0159	For Stainless Steel, Add	13.23	
	08MOD-0160	For Brass, Add	17.96	
08710-2061	EA	1" Diameter Aluminum Door Pulls, 12" Long.....	51.40	4.02
	08MOD-0159	For Stainless Steel, Add	14.83	
	08MOD-0160	For Brass, Add	20.12	
08710-2062	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 6" Long.....	40.22	4.02
	08MOD-0159	For Stainless Steel, Add	10.13	
	08MOD-0160	For Brass, Add	13.75	
08710-2063	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 8" Long.....	40.22	4.02
	08MOD-0159	For Stainless Steel, Add	10.13	
	08MOD-0160	For Brass, Add	13.75	
08710-2064	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 10" Long.....	42.61	4.02
	08MOD-0159	For Stainless Steel, Add	11.13	
	08MOD-0160	For Brass, Add	15.11	
08710-2065	EA	1" Diameter Stainless Steel Offset Door Pulls, 8" Long.....	75.47	4.02
	08MOD-0161	For Polished Stainless Steel, Add	11.22	
	08MOD-0162	For Brass, Add	10.33	
08710-2066	EA	1" Diameter Stainless Steel Offset Door Pulls, 10" Long.....	79.34	4.02
	08MOD-0161	For Polished Stainless Steel, Add	11.95	
	08MOD-0162	For Brass, Add	11.00	
08710-2067	EA	1" Diameter Stainless Steel Offset Door Pulls, 12" Long.....	83.22	4.02
	08MOD-0161	For Polished Stainless Steel, Add	12.69	
	08MOD-0162	For Brass, Add	11.68	
08710-2068	EA	1" Diameter Stainless Steel Offset Door Pulls, 18" Long.....	101.28	4.02
	08MOD-0161	For Polished Stainless Steel, Add	16.10	
	08MOD-0162	For Brass, Add	14.82	
08710-2069		Pull Plate (08710-2054)		
08710-2070	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware.....	41.22	4.02
	08MOD-0163	For Stainless Steel, Add	14.82	
	08MOD-0164	For Brass, Add	18.84	
08710-2071	EA	4" x 16" Aluminum Pull Plate Door Hardware.....	42.09	4.02
	08MOD-0163	For Stainless Steel, Add	15.33	
	08MOD-0164	For Brass, Add	19.49	
08710-2072	EA	6" x 16" Aluminum Pull Plate Door Hardware.....	44.08	4.02
	08MOD-0163	For Stainless Steel, Add	16.51	
	08MOD-0164	For Brass, Add	20.99	
08710-2073		Push Bars And Plates (08710-0769)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2074	Push Bars <small>(08710-2073)</small>		
08710-2075	EA 3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate..... Note: Up to 34" wide. All finishes.	162.10	4.02
08710-2076	EA 3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide..... <i>08MOD-0165 For Brass Push Bar, Add</i>	101.15 14.80	4.02
08710-2077	EA 1" Diameter Stainless Steel Push Bar, Up To 34" Wide..... <i>08MOD-0165 For Brass Push Bar, Add</i>	104.72 15.42	4.02
08710-2078	EA 1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide <i>08MOD-0165 For Brass Push Bar, Add</i>	193.34 30.84	4.02
08710-2079	Push Plates <small>(08710-2073)</small>		
08710-2080	EA 3" x 12" Aluminum Push Plate Door Hardware <i>08MOD-0166 For Stainless Steel Push Plate, Add</i> <i>08MOD-0167 For Brass Push Plate, Add</i> <i>08MOD-0346 For Oil Rubbed Bronze Push Plate, Add</i>	21.49 8.35 7.82 9.38	4.02
08710-2081	EA 4" x 16" Aluminum Push Plate Door Hardware <i>08MOD-0166 For Stainless Steel Push Plate, Add</i> <i>08MOD-0167 For Brass Push Plate, Add</i> <i>08MOD-0346 For Oil Rubbed Bronze Push Plate, Add</i>	22.43 9.81 9.18 11.01	4.02
08710-2082	EA 6" x 16" Aluminum Push Plate Door Hardware <i>08MOD-0166 For Stainless Steel Push Plate, Add</i> <i>08MOD-0167 For Brass Push Plate, Add</i> <i>08MOD-0346 For Oil Rubbed Bronze Push Plate, Add</i>	24.43 12.91 12.08 14.49	4.02
08710-2083	EA 8" x 16" Aluminum Push Plate Door Hardware <i>08MOD-0166 For Stainless Steel Push Plate, Add</i> <i>08MOD-0167 For Brass Push Plate, Add</i> <i>08MOD-0346 For Oil Rubbed Bronze Push Plate, Add</i>	26.11 15.52 14.51 17.42	4.02
08710-2084	Anti-Vandal Pull <small>(08710-2073)</small>		
08710-2085	EA Anti-Vandal Pull With Astragal (Trimco 1096).....	122.68	4.02
08710-2086	EA Anti-Vandal Pull Without Astragal (Trimco 1097).....	122.68	4.02
08710-2087	Exit Devices <small>(08710)</small>		
08710-2088	Push Bar Exit Device, Von Duprin Series 22 <small>(08710-2087)</small> Note: Grade 1, BHMA 156.3		
08710-2089	EA 3' Push Bar Exit Device, Rim Type Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22 <i>08MOD-0168 For 4' Push Bar, Add</i>	453.44 13.00	72.46
08710-2090	EA 3' Push Bar Exit Device, Rim Type, Fire Rated Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22 <i>08MOD-0168 For 4' Push Bar, Add</i>	525.54 13.00	72.46
08710-2091	EA 3' Push Bar Exit Device, Surface Vertical Rods Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22 <i>08MOD-0168 For 4' Push Bar, Add</i>	674.41 13.00	86.95
08710-2092	EA 3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22 <i>08MOD-0168 For 4' Push Bar, Add</i>	821.10 13.00	80.51
08710-2093	EA Dummy Trim, Von Duprin Series 22 Note: Anodized finish: aluminum or dark brown.	63.70	12.08
08710-2094	EA Night Latch Trim With Cylinder, Von Duprin Series 22 Note: Anodized finish: aluminum or dark brown.	82.37	16.10
08710-2095	EA Knob Trim With Cylinder, Von Duprin Series 22 Note: Anodized finish: aluminum or dark brown.	206.94	24.15
08710-2096	EA Lever Trim With Cylinder, Von Duprin Series 22 Note: Anodized finish: aluminum or dark brown.	211.92	24.15
08710-2097	EA Thumbpiece Trim With Cylinder, Von Duprin Series 22..... Note: Anodized finish: aluminum or dark brown.	205.29	24.15
08710-2098	Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 <small>(08710-2087)</small> Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08710-2099	EA 3' Push Bar Exit Device, Rim Type, Narrow Stile..... Note: Aluminum anodized finish. Von Duprin Series 33/35 <i>08MOD-0169 For 4' Push Bar, Add</i> <i>08MOD-0170 For Anodized Dark Bronze Finish, Add</i> <i>08MOD-0171 For Dull Chrome Finish, Add</i> <i>08MOD-0172 For Dull Brass Or Dull Bronze Finish, Add</i> <i>08MOD-0173 For Polished Brass Or Polished Chrome Finish, Add</i>	904.28 13.00 72.81 139.73 27.02 207.63	72.46
08710-2100	EA 3' Push Bar Exit Device, Surface Vertical Rods, Narrow Stile Note: Aluminum anodized finish. Von Duprin Series 33/35 <i>08MOD-0169 For 4' Push Bar, Add</i> <i>08MOD-0170 For Anodized Dark Bronze Finish, Add</i> <i>08MOD-0171 For Dull Chrome Finish, Add</i> <i>08MOD-0172 For Dull Brass Or Dull Bronze Finish, Add</i> <i>08MOD-0173 For Polished Brass Or Polished Chrome Finish, Add</i>	1,190.72 13.00 98.19 188.42 36.44 279.99	86.95

08000 Doors And Windows**08700 Hardware And Specialties****08710 Finish Hardware**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2101	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Narrow Stile.....	1,370.56	86.95
		Note: Aluminum anodized finish. Von Duprin Series 33/35		
		08MOD-0169 For 4' Push Bar, Add	13.00	
		08MOD-0170 For Anodized Dark Bronze Finish, Add	116.60	
		08MOD-0171 For Dull Chrome Finish, Add	223.75	
		08MOD-0172 For Dull Brass Or Dull Bronze Finish, Add	43.27	
		08MOD-0173 For Polished Brass Or Polished Chrome Finish, Add	332.50	
08710-2102	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile.....	1,236.92	99.83
		Note: Aluminum anodized finish. Von Duprin Series 33/35		
		08MOD-0169 For 4' Push Bar, Add	13.00	
		08MOD-0170 For Anodized Dark Bronze Finish, Add	99.29	
		08MOD-0171 For Dull Chrome Finish, Add	190.53	
		08MOD-0172 For Dull Brass Or Dull Bronze Finish, Add	36.85	
		08MOD-0173 For Polished Brass Or Polished Chrome Finish, Add	283.13	
08710-2103	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile.....	1,419.24	99.83
		Note: Aluminum anodized finish. Von Duprin Series 33/35		
		08MOD-0169 For 4' Push Bar, Add	13.00	
		08MOD-0170 For Anodized Dark Bronze Finish, Add	117.96	
		08MOD-0171 For Dull Chrome Finish, Add	226.36	
		08MOD-0172 For Dull Brass Or Dull Bronze Finish, Add	43.77	
		08MOD-0173 For Polished Brass Or Polished Chrome Finish, Add	336.37	
08710-2104	EA	Dummy Trim, Von Duprin Series 33/35.....	192.99	12.08
		Note: Anodized finish: aluminum or dark brown.		
		08MOD-0174 For Dull Chrome Finish, Add	31.59	
		08MOD-0175 For Dull Brass Or Dull Bronze Finish, Add	6.11	
		08MOD-0176 For Polished Brass Or Polished Chrome Finish, Add	46.95	
08710-2105	EA	Night Grip With Cylinder, Von Duprin Series 33/35.....	329.34	16.10
		Note: Anodized finish: aluminum or dark brown.		
		08MOD-0174 For Dull Chrome Finish, Add	55.86	
		08MOD-0175 For Dull Brass Or Dull Bronze Finish, Add	10.80	
		08MOD-0176 For Polished Brass Or Polished Chrome Finish, Add	83.00	
08710-2106	EA	Night Latch With Cylinder, Von Duprin Series 33/35.....	184.31	16.10
		Note: Anodized finish: aluminum or dark brown.		
		08MOD-0174 For Dull Chrome Finish, Add	27.36	
		08MOD-0175 For Dull Brass Or Dull Bronze Finish, Add	5.29	
		08MOD-0176 For Polished Brass Or Polished Chrome Finish, Add	40.66	
08710-2107	EA	Lever Trim With Cylinder, Von Duprin Series 33/35.....	413.30	24.15
		Note: Anodized finish: aluminum or dark brown.		
		08MOD-0174 For Dull Chrome Finish, Add	68.56	
		08MOD-0175 For Dull Brass Or Dull Bronze Finish, Add	13.26	
		08MOD-0176 For Polished Brass Or Polished Chrome Finish, Add	101.88	
08710-2108	EA	Thumbturn Trim With Cylinder, Von Duprin Series 33/35.....	413.30	24.15
		Note: Anodized finish: aluminum or dark brown.		
		08MOD-0174 For Dull Chrome Finish, Add	68.56	
		08MOD-0175 For Dull Brass Or Dull Bronze Finish, Add	13.26	
		08MOD-0176 For Polished Brass Or Polished Chrome Finish, Add	101.88	
08710-2109		Push Bar Exit Device, Von Duprin Series 98/99 <small>(08710-2087)</small>		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08710-2110	EA	3' Push Bar Exit Device, Rim Type.....	770.85	72.46
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0178 For Anodized Dark Bronze Finish, Add	35.24	
		08MOD-0181 For Dull Chrome Finish, Add	56.03	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	89.53	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	183.11	
		08MOD-0184 For Dull Stainless Steel Finish, Add	84.91	
08710-2111	EA	3' Push Bar Exit Device, Rim Type, Fire Rated.....	879.41	72.46
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0178 For Anodized Dark Bronze Finish, Add	41.86	
		08MOD-0181 For Dull Chrome Finish, Add	66.56	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	106.36	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	217.53	
		08MOD-0184 For Dull Stainless Steel Finish, Add	100.87	
08710-2112	EA	3' Push Bar Exit Device, Surface Vertical Rods.....	1,067.24	86.95
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0178 For Anodized Dark Bronze Finish, Add	50.96	
		08MOD-0181 For Dull Chrome Finish, Add	81.03	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	129.48	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	264.82	
		08MOD-0184 For Dull Stainless Steel Finish, Add	122.80	
08710-2113	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated.....	1,218.90	86.95
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0178 For Anodized Dark Bronze Finish, Add	60.21	
		08MOD-0181 For Dull Chrome Finish, Add	95.74	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	152.99	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	312.89	
		08MOD-0184 For Dull Stainless Steel Finish, Add	145.09	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2114	EA	3' Push Bar Exit Device, Concealed Vertical Rods	1,126.69	99.83
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0179 For Anodized Dark Bronze Finish, Add	79.93	
		08MOD-0181 For Dull Chrome Finish, Add	83.36	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	133.21	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	272.43	
		08MOD-0184 For Dull Stainless Steel Finish, Add	126.33	
08710-2115	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated	1,280.84	99.83
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0179 For Anodized Dark Bronze Finish, Add	94.26	
		08MOD-0181 For Dull Chrome Finish, Add	98.32	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	157.10	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	321.30	
		08MOD-0184 For Dull Stainless Steel Finish, Add	148.99	
08710-2116	EA	3' Push Bar Exit Device, Mortise Lock	1,055.35	90.17
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0180 For Anodized Dark Bronze Finish, Add	30.11	
		08MOD-0181 For Dull Chrome Finish, Add	78.94	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	126.14	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	257.98	
		08MOD-0184 For Dull Stainless Steel Finish, Add	119.63	
08710-2117	EA	3' Push Bar Exit Device, Mortise Lock, Fire Rated.....	1,164.75	90.17
		Note: Aluminum anodized finish. Von Duprin Series 98/99		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0180 For Anodized Dark Bronze Finish, Add	34.16	
		08MOD-0181 For Dull Chrome Finish, Add	89.55	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	143.10	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	292.66	
		08MOD-0184 For Dull Stainless Steel Finish, Add	135.71	
08710-2118	EA	3' Push Bar Exit Device, Chexit Delayed Egress	1,728.76	83.72
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	233.02	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	476.56	
		08MOD-0185 For Anodized Dark Bronze Finish, Add	55.92	
		08MOD-0186 For Dull Chrome Finish, Add	62.84	
08710-2119	EA	3' Push Bar Exit Device, Chexit Delayed Egress, Fire Rated	1,840.64	83.72
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	250.36	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	512.03	
		08MOD-0185 For Anodized Dark Bronze Finish, Add	60.09	
		08MOD-0186 For Dull Chrome Finish, Add	67.52	
08710-2120	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress	2,009.76	103.04
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	268.09	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	548.28	
		08MOD-0185 For Anodized Dark Bronze Finish, Add	64.34	
		08MOD-0186 For Dull Chrome Finish, Add	72.30	
08710-2121	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Fire Rated.....	2,139.05	103.04
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	288.13	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	589.27	
		08MOD-0185 For Anodized Dark Bronze Finish, Add	69.15	
		08MOD-0186 For Dull Chrome Finish, Add	77.70	
08710-2122	EA	3' Push Bar Exit Device, Electric Latch Retraction.....	1,273.78	83.72
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	162.50	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	332.33	
		08MOD-0187 For Anodized Dark Bronze Finish, Add	39.00	
		08MOD-0188 For Dull Chrome Finish, Add	60.18	
08710-2123	EA	3' Push Bar Exit Device, Electric Latch Retraction, Fire Rated.....	1,385.66	83.72
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	179.84	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	367.80	
		08MOD-0187 For Anodized Dark Bronze Finish, Add	43.16	
		08MOD-0188 For Dull Chrome Finish, Add	66.60	
08710-2124	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction.....	1,564.72	103.04
		Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.		
		08MOD-0177 For 4' Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	199.11	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	407.21	
		08MOD-0187 For Anodized Dark Bronze Finish, Add	47.79	
		08MOD-0188 For Dull Chrome Finish, Add	73.73	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2125	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated Note: Aluminum anodized finish. Von Duprin Series 98/99. Excludes power supply.	1,674.12	103.04
		08MOD-0177 For 4" Push Bar, Add	13.00	
		08MOD-0182 For Dull Brass Or Dull Bronze Finish, Add	216.06	
		08MOD-0183 For Polished Brass Or Polished Chrome Finish, Add	441.89	
		08MOD-0187 For Anodized Dark Bronze Finish, Add	51.86	
		08MOD-0188 For Dull Chrome Finish, Add	80.01	
08710-2126	EA	Dummy Trim, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	156.52	12.08
		08MOD-0189 For Dull Chrome Finish, Deduct	-6.84	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	11.81	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	30.83	
08710-2127	EA	Night Pull Trim With Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	173.54	16.10
		08MOD-0189 For Dull Chrome Finish, Deduct	-7.07	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	12.20	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	31.86	
08710-2128	EA	Lever Trim With Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	351.15	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-15.77	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	27.24	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	71.11	
08710-2129	EA	Lever Trim Without Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	287.33	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-12.26	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	21.18	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	55.29	
08710-2130	EA	Knob Trim With Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	274.07	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-11.53	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	19.92	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	52.00	
08710-2131	EA	Knob Trim Without Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	227.66	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-8.98	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	15.51	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	40.49	
08710-2132	EA	Thumbpiece Trim With Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	235.95	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-9.44	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	16.30	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	42.54	
08710-2133	EA	Thumbpiece Trim Without Cylinder, Von Duprin Series 98/99 Note: Anodized finish: aluminum or dark brown.	201.14	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-7.52	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	12.99	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	33.91	
08710-2134	EA	Push/Pull Latch Trim With Cylinder, Von Duprin Series 98/99 (Hospital Latch) Note: Anodized finish: aluminum or dark brown.	449.77	24.15
		08MOD-0189 For Dull Chrome Finish, Deduct	-21.20	
		08MOD-0190 For Dull Brass Or Dull Bronze Finish, Add	36.61	
		08MOD-0191 For Polished Brass Or Polished Chrome Finish, Add	95.57	
08710-2135		Option And Kits For Series 22, 33, 35, 98 Or 99 (08710-2087)		
08710-2136	EA	Alarm Kit With Switch And 9 Volt Battery Back-up Note: 4A@12VDC 2A@24VDC	581.54	24.15
08710-2137	EA	Power Supply For Chexit Or Electric Latch Devices Note: 4A@12VDC 2A@24VDC	476.29	24.15
08710-2138		Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 (08710-2087) Note: Grade 1, BHMA 156.3		
08710-2139	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55	1,119.75	72.46
		08MOD-0192 For Dull Chrome Finish, Add	116.74	
		08MOD-0193 For Oil Rubbed Finish, Add	134.35	
		08MOD-0194 For Polished Brass Or Chrome Finish, Add	176.97	
		08MOD-0195 For Polished Stainless Steel Finish, Add	192.72	
08710-2140	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55	1,430.84	99.83
		08MOD-0192 For Dull Chrome Finish, Add	146.61	
		08MOD-0193 For Oil Rubbed Finish, Add	168.72	
		08MOD-0194 For Polished Brass Or Chrome Finish, Add	222.24	
		08MOD-0195 For Polished Stainless Steel Finish, Add	242.02	
08710-2141	EA	Dummy Trim Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze	229.45	12.08
		08MOD-0192 For Dull Chrome Finish, Add	24.85	
		08MOD-0193 For Oil Rubbed Finish, Add	28.60	
		08MOD-0194 For Polished Brass Or Chrome Finish, Add	37.67	
		08MOD-0195 For Polished Stainless Steel Finish, Add	41.03	
08710-2142	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze	99.78	17.07
		08MOD-0192 For Dull Chrome Finish, Add	6.89	
		08MOD-0193 For Oil Rubbed Finish, Add	7.93	
		08MOD-0194 For Polished Brass Or Chrome Finish, Add	10.45	
		08MOD-0195 For Polished Stainless Steel Finish, Add	11.38	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2143 EA Cylinder With Pull Bracket, Von Duprin Series 55	190.11	17.07
Note: Anodized finish: dull brass or dull bronze		
08MOD-0192 For Dull Chrome Finish, Add	18.27	
08MOD-0193 For Oil Rubbed Finish, Add	21.03	
08MOD-0194 For Polished Brass Or Chrome Finish, Add	27.70	
08MOD-0195 For Polished Stainless Steel Finish, Add	30.17	
08710-2144 EA Thumbturn Trim With Cylinder, Von Duprin Series 55	365.24	24.15
Note: Anodized finish: dull brass or dull bronze		
08MOD-0192 For Dull Chrome Finish, Add	37.91	
08MOD-0193 For Oil Rubbed Finish, Add	43.62	
08MOD-0194 For Polished Brass Or Chrome Finish, Add	57.46	
08MOD-0195 For Polished Stainless Steel Finish, Add	62.57	
08710-2145 EA Thumbturn Trim Without Cylinder, Von Duprin Series 55	344.52	24.15
Note: Anodized finish: dull brass or dull bronze		
08MOD-0192 For Dull Chrome Finish, Add	35.30	
08MOD-0193 For Oil Rubbed Finish, Add	40.62	
08MOD-0194 For Polished Brass Or Chrome Finish, Add	53.50	
08MOD-0195 For Polished Stainless Steel Finish, Add	58.26	
08710-2146 EA Lever Trim With Cylinder, Von Duprin Series 55	383.47	24.15
Note: Anodized finish: dull brass or dull bronze		
08MOD-0192 For Dull Chrome Finish, Add	40.20	
08MOD-0193 For Oil Rubbed Finish, Add	46.27	
08MOD-0194 For Polished Brass Or Chrome Finish, Add	60.94	
08MOD-0195 For Polished Stainless Steel Finish, Add	66.37	
08710-2147 EA Knob Trim With Cylinder, Von Duprin Series 55	371.04	24.15
Note: Anodized finish: dull brass or dull bronze		
08MOD-0192 For Dull Chrome Finish, Add	38.64	
08MOD-0193 For Oil Rubbed Finish, Add	44.46	
08MOD-0194 For Polished Brass Or Chrome Finish, Add	58.57	
08MOD-0195 For Polished Stainless Steel Finish, Add	63.78	
08710-2148 Cross Bar Exit Device, Von Duprin Series 88 <small>(08710-2087)</small>		
Note: Grade 1, BHMA 156.3		
08710-2149 EA 42" Crossbar Exit Device, Rim Type	868.64	72.46
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	20.94	
08MOD-0197 For Oil Rubbed Finish, Add	21.61	
08MOD-0198 For Polished Brass Finish, Add	184.39	
08MOD-0199 For Polished Stainless Steel Finish, Add	184.39	
08710-2150 EA 42" Crossbar Exit Device, Rim Type, Fire Rated	1,056.77	72.46
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	26.77	
08MOD-0197 For Oil Rubbed Finish, Add	27.63	
08MOD-0198 For Polished Brass Finish, Add	235.75	
08MOD-0199 For Polished Stainless Steel Finish, Add	235.75	
08710-2151 EA 42" Crossbar Exit Device, Surface Vertical Rods	1,183.26	86.95
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	29.49	
08MOD-0197 For Oil Rubbed Finish, Add	30.44	
08MOD-0198 For Polished Brass Finish, Add	259.73	
08MOD-0199 For Polished Stainless Steel Finish, Add	259.73	
08710-2152 EA 42" Crossbar Exit Device, Surface Vertical Rods, Fire Rated	1,555.37	86.95
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	41.03	
08MOD-0197 For Oil Rubbed Finish, Add	42.35	
08MOD-0198 For Polished Brass Finish, Add	361.32	
08MOD-0199 For Polished Stainless Steel Finish, Add	361.32	
08710-2153 EA 42" Crossbar Exit Device, Concealed Vertical Rods	1,228.63	99.83
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	29.80	
08MOD-0197 For Oil Rubbed Finish, Add	30.76	
08MOD-0198 For Polished Brass Finish, Add	262.45	
08MOD-0199 For Polished Stainless Steel Finish, Add	262.45	
08710-2154 EA 42" Crossbar Exit Device, Concealed Vertical Rods, Fire Rated	1,605.71	99.83
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	41.49	
08MOD-0197 For Oil Rubbed Finish, Add	42.83	
08MOD-0198 For Polished Brass Finish, Add	365.39	
08MOD-0199 For Polished Stainless Steel Finish, Add	365.39	
08710-2155 EA 42" Crossbar Exit Device, Mortise Lock	1,134.08	90.17
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	27.67	
08MOD-0197 For Oil Rubbed Finish, Add	28.56	
08MOD-0198 For Polished Brass Finish, Add	243.67	
08MOD-0199 For Polished Stainless Steel Finish, Add	243.67	
08710-2156 EA 42" Crossbar Exit Device, Mortise Lock, Fire Rated	1,221.10	90.17
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88		
08MOD-0196 For Dull Chrome Finish, Add	30.37	
08MOD-0197 For Oil Rubbed Finish, Add	31.35	
08MOD-0198 For Polished Brass Finish, Add	267.43	
08MOD-0199 For Polished Stainless Steel Finish, Add	267.43	

08000	Doors And Windows
08700	Hardware And Specialties
08710	Finish Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2157	EA		Dummy Trim, Von Duprin Series 88 .....995.22	995.22	12.08
			Note: Anodized finish: dull brass or dull bronze		
	08MOD-0196		For Dull Chrome Finish, Add	29.85	
	08MOD-0197		For Oil Rubbed Finish, Add	30.82	
	08MOD-0198		For Polished Brass Finish, Add	262.90	
	08MOD-0199		For Polished Stainless Steel Finish, Add	262.90	
08710-2158	EA		Night Pull Trim With Cylinder, Von Duprin Series 88 .....967.48	967.48	16.10
			Note: Anodized finish: dull brass or dull bronze		
	08MOD-0196		For Dull Chrome Finish, Add	28.59	
	08MOD-0197		For Oil Rubbed Finish, Add	29.52	
	08MOD-0198		For Polished Brass Finish, Add	251.82	
	08MOD-0199		For Polished Stainless Steel Finish, Add	251.82	
08710-2159	EA		Thumbturn Trim With Cylinder, Von Duprin Series 88 .....1,150.06	1,150.06	24.15
			Note: Anodized finish: dull brass or dull bronze		
	08MOD-0196		For Dull Chrome Finish, Add	33.66	
	08MOD-0197		For Oil Rubbed Finish, Add	34.74	
	08MOD-0198		For Polished Brass Finish, Add	296.39	
	08MOD-0199		For Polished Stainless Steel Finish, Add	296.39	
08710-2160	EA		Lever Trim With Cylinder, Von Duprin Series 88 .....1,220.51	1,220.51	24.15
			Note: Anodized finish: dull brass or dull bronze		
	08MOD-0196		For Dull Chrome Finish, Add	35.84	
	08MOD-0197		For Oil Rubbed Finish, Add	37.00	
	08MOD-0198		For Polished Brass Finish, Add	315.62	
	08MOD-0199		For Polished Stainless Steel Finish, Add	315.62	
08710-2161	EA		Knob Trim With Cylinder, Von Duprin Series 88 .....1,063.87	1,063.87	24.15
			Note: Anodized finish: dull brass or dull bronze		
	08MOD-0196		For Dull Chrome Finish, Add	30.98	
	08MOD-0197		For Oil Rubbed Finish, Add	31.98	
	08MOD-0198		For Polished Brass Finish, Add	272.86	
	08MOD-0199		For Polished Stainless Steel Finish, Add	272.86	
08710-2162	EA		Thumbpiece Trim With Cylinder, Von Duprin Series 88 .....1,040.67	1,040.67	24.15
			Note: Anodized finish: dull brass or dull bronze		
	08MOD-0196		For Dull Chrome Finish, Add	30.26	
	08MOD-0197		For Oil Rubbed Finish, Add	31.24	
	08MOD-0198		For Polished Brass Finish, Add	266.52	
	08MOD-0199		For Polished Stainless Steel Finish, Add	266.52	
08710-2163			Door Closers <small>(08710)</small>		
08710-2164	EA		Surface Mounted Standard Duty Door Closer - LCN 1460 Series .....272.07	272.07	18.67
	08MOD-0200		For Delayed Action, Add	12.60	
	08MOD-0201		For AVB (5# Per Push), Add	6.60	
	08MOD-0202		For Fusible Link Arm, Add	39.60	
	08MOD-0203		For Shock Absorbing Arm, Add	19.80	
	08MOD-0204		For Hold Open Arm, Add	13.80	
	08MOD-0205		For Plated Brass Finish, Add	101.40	
	08MOD-0206		For Plated Finish With Clear Coat, Add	127.20	
	08MOD-0209		For Parallel Arm, Add	22.40	
08710-2165	EA		Surface Mounted Heavy Duty Door Closer - LCN 4010/4020/4110 Series .....324.06	324.06	18.67
	08MOD-0200		For Delayed Action, Add	12.60	
	08MOD-0201		For AVB (5# Per Push), Add	6.60	
	08MOD-0202		For Fusible Link Arm, Add	39.60	
	08MOD-0203		For Shock Absorbing Arm, Add	19.80	
	08MOD-0204		For Hold Open Arm, Add	13.80	
	08MOD-0205		For Plated Brass Finish, Add	101.40	
	08MOD-0206		For Plated Finish With Clear Coat, Add	127.20	
08710-2166	EA		Surface Mounted Heavy Duty Door Closer - LCN 4040/4041 Series .....317.09	317.09	18.67
	08MOD-0200		For Delayed Action, Add	12.60	
	08MOD-0201		For AVB (5# Per Push), Add	6.60	
	08MOD-0202		For Fusible Link Arm, Add	39.60	
	08MOD-0203		For Shock Absorbing Arm, Add	19.80	
	08MOD-0204		For Hold Open Arm, Add	13.80	
	08MOD-0205		For Plated Brass Finish, Add	101.40	
	08MOD-0206		For Plated Finish With Clear Coat, Add	127.20	
	08MOD-0207		For Spring Cushion, Add	67.20	
	08MOD-0208		For Parallel Arm, Add	22.40	
	08MOD-0386		For Stainless Steel Finish, Add	145.00	
08710-2167	EA		Surface Mounted High Security Door Closer - LCN 4510 Series .....263.48	263.48	18.67
	08MOD-0200		For Delayed Action, Add	12.60	
	08MOD-0201		For AVB (5# Per Push), Add	6.60	
	08MOD-0202		For Fusible Link Arm, Add	39.60	
	08MOD-0203		For Shock Absorbing Arm, Add	19.80	
	08MOD-0204		For Hold Open Arm, Add	13.80	
	08MOD-0205		For Plated Brass Finish, Add	101.40	
	08MOD-0206		For Plated Finish With Clear Coat, Add	127.20	
08710-2168	EA		Overhead Concealed Door Closer - LCN 5010 Series .....381.80	381.80	22.55
	08MOD-0200		For Delayed Action, Add	12.60	
	08MOD-0201		For AVB (5# Per Push), Add	6.60	
	08MOD-0202		For Fusible Link Arm, Add	39.60	
	08MOD-0203		For Shock Absorbing Arm, Add	19.80	
	08MOD-0204		For Hold Open Arm, Add	13.80	
	08MOD-0205		For Plated Brass Finish, Add	101.40	
	08MOD-0206		For Plated Finish With Clear Coat, Add	127.20	
08710-2169	EA		Floor Concealed Door Closer, Non Hold Open - Rixson .....869.54	869.54	55.39
08710-2170	EA		Floor Concealed Door Closer, Selective Hold Open - Rixson .....915.74	915.74	55.39



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2171 EA Surface Mounted Standard Duty Door Closer - Norton 8301.....	229.08	18.67
08MOD-0209 For Parallel Arm, Add	22.40	
08710-2172 EA Surface Mounted Standard Duty Door Closer - Norton 8501.....	211.58	18.67
08MOD-0209 For Parallel Arm, Add	22.40	
08710-2173 Locks And Latches (08710)		
Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include construction cores. Multi purchase locksets are keyed alike and to the existing master key. The cost for boring hole or preparing mortise is included with the new door. See CSI section 08210-0205 for preparing an existing door for new hardware.		
08710-2174 Locksmith Services (08710-2173)		
08710-2175 EA Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys.....	1.13	
08MOD-0211 For > 50, Deduct	-0.23	
08710-2176 EA Rekey Existing Cylinder To Match Existing Cylinders Or Master Key.....	77.32	
08MOD-0210 For > 5, Deduct	-7.73	
08710-2177 EA Replace Cylinder With Owner Supplied Cylinder.....	77.32	
08MOD-0210 For > 5, Deduct	-7.73	
08710-2178 EA Replace Cylinder With New Cylinder.....	85.82	
08MOD-0210 For > 5, Deduct	-7.73	
08710-2179 EA Open Locked Doors.....	77.32	
08710-2180 EA Install Owner Furnished Cores And Cylinders.....	32.52	
08710-2181 Mortise Locksets And Latchsets (08710-2173)		
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08710-2182 EA Passage/Closet F01 Mortise Latchset.....	258.15	16.10
Note: Both sides always unlocked.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	6.39	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	5.81	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	9.69	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	68.39	
08710-2183 EA Bath/Bedroom Privacy F02 Mortise Lockset.....	301.20	16.10
Note: Locked with thumb knob inside.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	7.81	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	7.10	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	11.84	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	83.59	
08710-2184 EA Entrance/Office F04 Mortise Lockset.....	331.65	16.10
Note: Locked with key outside and thumb knob inside.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	8.82	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	8.02	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	13.36	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	94.34	
08710-2185 EA Classroom F05 Mortise Lockset.....	311.65	16.10
Note: Locked with key outside. Inside always unlocked.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	8.16	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	7.42	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	12.36	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	87.28	
08710-2186 EA Storeroom/Closet F07 Mortise Lockset.....	311.65	16.10
Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	8.16	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	7.42	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	12.36	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	87.28	
08710-2187 EA Entrance F08 Mortise Lockset.....	344.40	16.10
Note: Locked with key outside and thumb knob inside.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	9.24	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	8.40	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	14.00	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	98.84	
08710-2188 EA Dormitory/Exit F13 Mortise Lockset.....	300.90	16.10
Note: Locked with key outside and thumb knob inside.		
08MOD-0212 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	7.80	
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	7.10	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	11.83	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	83.48	
08710-2189 Locks And Latches (08710-2173)		
08710-2190 Preassembled Locks And Latches (08710-2189)		
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles		
08710-2191 EA Passage/Closet F36 Pre-Assembled Latchset.....	240.86	16.10
Note: Both sides always unlocked.		
08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	5.29	
08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	8.82	
08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	62.29	
08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	32.82	
08MOD-0217 For Grade 2 With Lever Handles, Deduct	-68.64	
08MOD-0218 For Grade 2 With Knobs, Deduct	-118.23	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2192	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset Note: Locked with push button inside.	256.28	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	5.76	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	9.59	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	67.73	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	35.69	
		08MOD-0217 For Grade 2 With Lever Handles, Deduct	-74.64	
		08MOD-0218 For Grade 2 With Knobs, Deduct	-128.56	
08710-2193	EA	Entrance/Office F41 Pre-Assembled Lockset Note: Locked with key outside and push button inside.	283.95	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	6.59	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	10.98	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	77.50	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	40.84	
		08MOD-0217 For Grade 2 With Lever Handles, Deduct	-85.40	
		08MOD-0218 For Grade 2 With Knobs, Deduct	-147.10	
08710-2194	EA	Classroom F42 Pre-Assembled Lockset..... Note: Locked with key outside. Inside always unlocked.	283.95	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	6.59	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	10.98	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	77.50	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	40.84	
		08MOD-0217 For Grade 2 With Lever Handles, Deduct	-85.40	
		08MOD-0218 For Grade 2 With Knobs, Deduct	-147.10	
08710-2195	EA	Storeroom/Closet F44 Pre-Assembled Lockset..... Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	283.95	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	6.59	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	10.98	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	77.50	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	40.84	
		08MOD-0217 For Grade 2 With Lever Handles, Deduct	-85.40	
		08MOD-0218 For Grade 2 With Knobs, Deduct	-147.10	
08710-2196		Bored Locks And Latches (08710-2189) Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08710-2197	EA	Passage/Closet F75 Bored Latchset..... Note: Both sides always unlocked.	176.26	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	3.36	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	5.59	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	39.49	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	20.81	
		08MOD-0219 For Grade 2, Deduct	-5.59	
		08MOD-0220 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	2.24	
		08MOD-0221 For Interchangeable Core, Add	9.45	
08710-2198	EA	Bath/Bedroom Privacy F76 Bored Lockset Note: Locked with push button inside.	202.94	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	4.16	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	6.93	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	48.90	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	25.77	
		08MOD-0219 For Grade 2, Deduct	-6.93	
		08MOD-0220 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	2.77	
		08MOD-0221 For Interchangeable Core, Add	9.45	
08710-2199	EA	Entrance/Office F82 Bored Lockset Note: Locked with key outside and push button inside.	224.44	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	4.80	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	8.00	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	56.49	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	29.77	
		08MOD-0219 For Grade 2, Deduct	-8.00	
		08MOD-0220 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	3.20	
		08MOD-0221 For Interchangeable Core, Add	9.45	
08710-2200	EA	Classroom F84 Bored Lockset..... Note: Locked with key outside. Inside always unlocked.	224.44	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	4.80	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	8.00	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	56.49	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	29.77	
		08MOD-0219 For Grade 2, Deduct	-8.00	
		08MOD-0220 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	3.20	
		08MOD-0221 For Interchangeable Core, Add	9.45	
08710-2201	EA	Storeroom/Closet F86 Bored Lockset..... Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	224.44	16.10
		08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add	4.80	
		08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add	8.00	
		08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add	56.49	
		08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add	29.77	
		08MOD-0219 For Grade 2, Deduct	-8.00	
		08MOD-0220 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add	3.20	
		08MOD-0221 For Interchangeable Core, Add	9.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2202 EA Corridor/Dormitory F90 Bored Lockset 224.44 16.10 Note: Locked with key outside and push button inside. 08MOD-0213 For Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613), Add 4.80 08MOD-0214 For Satin Brass Clear Coat Finish, US4 (BHMA 606), Add 8.00 08MOD-0215 For Satin Stainless Steel, US 32D (BHMA 630), Add 56.49 08MOD-0216 For Bright Chrome Plated Finish, US 26 (BHMA 625), Add 29.77 08MOD-0219 For Grade 2, Deduct -8.00 08MOD-0220 For Bright Brass, Clear Coated Finish, US 3 (BHMA 605), Add 3.20 08MOD-0221 For Interchangeable Core, Add 9.45		
08710-2203 Other Locks (08710-2173) Note: BHMA A156.5		
08710-2204 EA Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421 550.00 83.72 08710-2205 EA Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461 1,251.98 167.45		
08710-2206 Push Button Combination Locks (08710-2173) Note: Satin chrome or antique brass finish		
08710-2207 EA Five Button Standard Access Control, Knob And Key Override 515.88 40.65 08710-2208 EA Five Button Standard Access Control, Lever And Key Override 554.63 40.65 08710-2209 EA Twelve Button Standard Access Control, Knob And Key Override 632.63 40.65 08710-2210 EA Twelve Button Standard Access Control, Lever And Key Override 602.63 40.65		
08710-2211 Residential Locks And Latchsets (08710-2173)		
08710-2212 EA Residential Entry Lockset With Knobs (Master Keyed) 46.45 9.75 08710-2213 EA Residential Privacy Lockset With Knobs 45.61 9.75 08710-2214 EA Residential Passage Lockset With Knobs 45.50 9.75 08710-2215 EA Residential Dummy Lockset With Knobs 36.36 8.13 08710-2216 EA Residential Entry Lockset With Levers (Master Keyed) 52.21 9.75 08710-2217 EA Residential Privacy Lockset With Levers 50.30 9.75 08710-2218 EA Residential Passage Lockset With Levers 48.91 9.75 08710-2219 EA Residential Dummy Lockset With Levers 37.02 8.13 08710-2220 EA Screen Door - Closer 28.48 7.02 08710-2221 EA Screen Door - Locking Handle 32.01 10.08		
08710-2222 Deadbolts (08710-2173)		
08710-2223 Cylindrical Deadbolts, Grade 1, ANSI 156.5 (08710-2222) Note: 2-3/8" or 2-3/4" backset.		
08710-2224 EA Single Cylinder Deadbolt, Key One Side, Knob One Side 112.73 16.10 Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish. 08MOD-0223 For Bright Chromium Or Oiled Rubbed Bronze Finish, Add 4.20 08710-2225 EA Double Cylinder Deadbolt, Key Both Sides 128.93 16.10 Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish. 08MOD-0223 For Bright Chromium Or Oiled Rubbed Bronze Finish, Add 4.20		
08710-2226 Cylindrical Deadbolts, Grade 2, ANSI 156.5 (08710-2222) Note: 2-3/8" or 2-3/4" backset.		
08710-2227 EA Single Cylinder Deadbolt, Key One Side, Knob One Side 101.63 16.10 Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish. 08MOD-0223 For Bright Chromium Or Oiled Rubbed Bronze Finish, Add 4.20 08710-2228 EA Double Cylinder Deadbolt, Key Both Sides 119.33 16.10 Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish. 08MOD-0223 For Bright Chromium Or Oiled Rubbed Bronze Finish, Add 4.20		
08710-2229 Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 (08710-2222) Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08710-2230 EA Small Case Mortised Deadbolt, Key One Side, Knob One Side 146.00 16.10 Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). 08710-2231 EA Small Case Mortised Deadbolt, Key Both Sides 161.00 16.10 Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version. 08710-2232 EA Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side 143.00 16.10 Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08710-2233 Mortised Deadbolts, Grade 1, ANSI 156.5 (08710-2222) Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08710-2234 EA Mortised Deadbolt, Key One Side, Knob One Side 186.80 16.10 Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). 08710-2235 EA Mortised Deadbolt, Key Both Sides 211.40 16.10 Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version. 08710-2236 EA Mortised Deadbolt, Key One Side, Cover Plate One Side 165.80 16.10 Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2237 Surface Mounted Deadbolts (08710-2222)				
08710-2238	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	77.46	16.10
		<i>08MOD-0222 For Brushed Chrome Finish, Add</i>	10.50	
08710-2239	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	88.30	16.10
		<i>08MOD-0222 For Brushed Chrome Finish, Add</i>	10.50	
08710-2240	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	96.92	16.10
		<i>08MOD-0222 For Brushed Chrome Finish, Add</i>	10.50	
08710-2241	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	107.76	16.10
		<i>08MOD-0222 For Brushed Chrome Finish, Add</i>	10.50	
08710-2242 Surface Mounted Deadlatches (08710-2173)				
08710-2243	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	78.31	16.10
		<i>08MOD-0222 For Brushed Chrome Finish, Add</i>	10.50	
08710-2244	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	96.96	16.10
		<i>08MOD-0222 For Brushed Chrome Finish, Add</i>	10.50	
08710-2245 Electric Strikes (08710-2173)				
08710-2246	EA	Aluminum/Steel Body Electric Strike (Von Duprin 5100).....	202.43	32.21
08710-2247	EA	Stainless Steel Body Electric Strike For Rim Mounted Lock (Von Duprin 6112).....	437.57	32.21
08710-2248	EA	Stainless Steel Body Electric Strike (Von Duprin 6215).....	461.52	32.21
08710-2249	EA	Dual Voltage Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3070# Static Strength (HES 1006).....	317.81	32.21
08710-2250	EA	Fire Rated Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3000# Static Strength (HES 4500).....	316.01	32.21
08710-2251	EA	Low Profile Electric Strike, Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 5000).....	161.01	32.21
08710-2252	EA	Adjustable Electric Strike, Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 5200).....	161.01	32.21
08710-2253	EA	Electric Strike With Preload, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 7000).....	203.11	32.21
08710-2254	EA	Cylindrical Lock Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 7500).....	352.01	32.21
08710-2255	EA	Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 8000).....	180.51	32.21
08710-2256	EA	Fire Rated Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 8300).....	324.51	32.21
08710-2257	EA	Fire Rated Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 8500).....	288.21	32.21
08710-2258	EA	Slim Line Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 9400).....	343.93	42.51
08710-2259	EA	Fire Rated Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 9500).....	389.20	42.51
08710-2260	EA	Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1500# Static Strength (HES 9600).....	344.17	42.51
08710-2261 Electric Hardware (08710-2173)				
08710-2262	EA	Electrified Cylindrical Lock Option..... Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	99.58	
08710-2263	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	115.23	
08710-2264	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	61.78	16.10
08710-2265	EA	1 Amp At 12/24 VDC Door Hardware Power Supply.....	191.20	16.10
08710-2266	EA	3 Amp At 12 VDC, 2 Amp At 24 VDC Door Hardware Power Supply.....	330.53	16.10
08710-2267	EA	4.5 Amp At 12 VDC, 3 Amp At 24 VDC Door Hardware Power Supply.....	505.22	16.10
08710-2268	EA	6 Amp At 12 VDC, 4 Amp At 24 VDC Door Hardware Power Supply.....	558.12	16.10
08710-2269	EA	9 Amp At 12 VDC, 6 Amp At 24 VDC Door Hardware Power Supply.....	666.14	16.10
08710-2270	EA	15 Amp At 12 VDC, 10 Amp At 24 VDC Door Hardware Power Supply.....	807.49	16.10
08710-2271	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	52.67	16.10
08710-2272	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	53.75	16.10
08710-2273	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	60.34	16.10
08710-2274	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	61.65	16.10
08710-2275	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	62.31	16.10
08710-2276	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	66.10	16.10
08710-2277	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	58.64	16.10
08710-2278	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	62.83	16.10
08710-2279	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	70.06	16.10
08710-2280	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	72.07	16.10
08710-2281	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	42.38	16.10
08710-2282	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	48.11	16.10
08710-2283	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	51.13	16.10
08710-2284	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	54.37	16.10
08710-2285	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	71.24	16.10
08710-2286	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	78.28	16.10
08710-2287	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	46.93	16.10
08710-2288	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	53.50	16.10
08710-2289	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	63.96	16.10
08710-2290	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	73.32	16.10
08710-2291	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	88.68	16.10
08710-2292 Door Coordinators (08710)				



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08710-2293 EA 32" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. 08MOD-0396 For Anodized Aluminum Finish, Deduct	252.26 -68.70	20.13
08710-2294 EA 42" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. 08MOD-0396 For Anodized Aluminum Finish, Deduct	264.85 -72.45	20.93
08710-2295 EA 52" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. 08MOD-0396 For Anodized Aluminum Finish, Deduct	271.25 -73.72	21.74
08710-2296 EA 60" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. 08MOD-0396 For Anodized Aluminum Finish, Deduct	283.01 -77.14	22.55
08710-2297 EA 72" COR Series Door Coordinator..... Note: Satin chrome finish. Includes two mounting brackets. 08MOD-0396 For Anodized Aluminum Finish, Deduct	303.18 -83.92	23.34
08710-2298 EA Up To 20" Filler Bar For Door Coordinator..... 08MOD-0396 For Anodized Aluminum Finish, Deduct	59.87 -13.64	6.44
08710-2299 EA Up To 32" Filler Bar For Door Coordinator..... 08MOD-0396 For Anodized Aluminum Finish, Deduct	65.98 -14.80	7.25
08710-2300 EA Up To 44" Filler Bar For Door Coordinator..... 08MOD-0396 For Anodized Aluminum Finish, Deduct	75.74 -17.41	8.05
08710-2301 EA CB1 Carry Bar For Door Coordinator..... 08MOD-0396 For Anodized Aluminum Finish, Deduct	56.46 -9.70	8.05
08710-2302 EA 7" Projection COR Series Gravity Type Door Coordinator..... 08MOD-0396 For Anodized Aluminum Finish, Deduct	83.48 -14.07	12.08
08710-2303 EA 9" Projection COR Series Gravity Type Door Coordinator..... 08MOD-0396 For Anodized Aluminum Finish, Deduct	89.10 -16.32	12.08

08710-2304 Cabinet Hardware (08710)

Note: Includes all mounting screws.

08710-2305 EA Hinges, Concealed, Steel, Full Or Half Overlay, Self Closing.....	19.33	6.44
08710-2306 EA Hinges, Semi Concealed, Brass.....	19.47	6.44
08710-2307 EA Pull Handles, Solid Brass.....	13.97	5.48
08710-2308 EA Pull Knobs, Solid Brass.....	12.89	4.18
08710-2309 EA Cabinet Ball And Catch.....	22.93	6.44
08710-2310 EA Cabinet Drawer Lock Square Style, Surface Mount.....	50.55	6.44
08710-2311 EA Cabinet Drawer Lock Square Style, Mortise Mount.....	93.04	9.66
08710-2312 EA Cabinet Drawer Lock For Hollow Metal Drawers.....	27.63	5.48
08710-2313 EA Door Catch.....	19.75	5.48
08710-2314 EA Surface Bolt, Solid Brass.....	28.54	5.48

08710-2315 Removal And Reinstallation Of Door Hardware (08710)

Note: Includes storage and cleaning.

08710-2316 EA Remove And Reinstall Door Lockset, Entrance.....	48.30	
08710-2317 EA Remove And Reinstall Door Lockset, Mortise.....	77.28	
08710-2318 EA Remove And Reinstall Deadbolt Lock.....	51.53	
08710-2319 PR Remove And Reinstall Butts/Hinges.....	12.88	
08710-2320 EA Remove And Reinstall Door Bumper.....	4.51	
08710-2321 EA Remove And Reinstall Surface Mounted Panic Device.....	128.80	
08710-2322 EA Remove And Reinstall Kick Plate.....	16.10	
08710-2323 EA Remove And Reinstall Push Plate.....	12.88	
08710-2324 EA Remove And Reinstall Surface Mounted Door Closer Or Holder.....	64.40	
08710-2325 EA Remove And Reinstall Door Knobs.....	9.66	

08715 Operators (08700)

08715-0001 Swing Door Operators, Up To 350 LB Panel Weight (08715)

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08715-0002 EA Concealed Single Door Swing Door Operator, Up To 350 LB Panel..... Note: For new storefront or existing concealed operator installations.	2,393.95	352.23
08715-0003 EA Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel..... Note: For new storefront or existing concealed operator installations.	4,083.88	469.67
08715-0004 EA Exposed Single Door Swing Door Operator, Up To 350 LB Panel.....	1,987.97	281.78
08715-0005 EA Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel.....	3,552.88	422.67

08715-0006 Activation Devices For Door Operators (08715)

08715-0007 EA Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)..... Note: Includes wiring harness and relays.	317.36	28.17
08715-0008 EA On-door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)..... Note: Includes wiring harness and relays.	280.36	28.17
08715-0009 EA Microwave Motion Sensor For Door Operator (MS Sedco D38)..... Note: Includes wiring harness and relays.	283.31	28.17
08715-0010 EA Push Plate For Door Operator (MS Sedco 59 Series)..... Note: Excludes wiring from operator to push plate.	110.36	28.17
08715-0011 EA Jamb Mounted Push Button For Door Operator (MS Sedco 425 Series)..... Note: Excludes wiring from operator to push button.	88.86	28.17



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08715-0012	EA		Radio Control System For Door Operator (MS Sedco Clearpath)..... Note: Includes receiver and two push plate transmitters. <i>08MOD-0224 For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct</i>	459.85 -64.00	70.45
08715-0013	EA		Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision)..... Note: Includes wiring harness and relays.	695.45	35.22
08715-0014	EA		Guard Rail For Door With Operator	143.06	35.22

08716 Automatic Equipment (08700)

08716-0001 Window Opener Electric, With 1/2 HP Motor (08716)

08716-0002	EA		Gym Window Electronic Opener	1,123.26	137.18
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08720 Weather-Stripping And Seals (08700)

08720-0001 Astragals (08720)

Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08720-0002 Adhesive Backed Astragals (08720-0001)

08720-0003	LF		7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	2.93	0.48
08720-0004	LF		1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772).....	3.01	0.48
08720-0005	LF		1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	2.79	0.48

08720-0006 Overlapping Astragals (08720-0001)

08720-0007 Aluminum, Overlapping Astragals (08720-0006)

08720-0008	LF		2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	10.67	2.89
			<i>08MOD-0357 For Color Anodized Finish, Add</i>	1.49	

08720-0009 Stainless Steel, Overlapping Astragals (08720-0006)

08720-0010	LF		2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS).....	27.50	2.89
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08720-0011 "T" Astragals (08720-0001)

08720-0012 Aluminum, "T" Astragals (08720-0011)

08720-0013	LF		1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	7.59	2.89
			<i>08MOD-0358 For Color Anodized Finish, Add</i>	0.65	
08720-0014	LF		Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	9.16	2.89
			<i>08MOD-0366 For Color Anodized Finish, Add</i>	0.69	
08720-0015	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP).....	13.14	2.89
			<i>08MOD-0358 For Color Anodized Finish, Add</i>	2.60	
			<i>08MOD-0362 For Silicone Insert, Add</i>	0.63	
08720-0016	LF		Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	19.05	2.89
			<i>08MOD-0358 For Color Anodized Finish, Add</i>	4.67	

08720-0017 Brass/Bronze, "T" Astragals (08720-0011)

08720-0018	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP).....	46.95	2.89
			<i>08MOD-0362 For Silicone Insert, Add</i>	0.63	

08720-0019 Locking Astragals (08720-0001)

08720-0020 Outswing Locking Astragals (08720-0019)

Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.

08720-0021 Aluminum, Outswing Locking Astragals (08720-0020)

08720-0022	LF		Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS)	24.30	2.89
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>08MOD-0366 For Color Anodized Finish, Add</i>	3.72	
08720-0023	LF		Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS)	28.29	2.89
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>08MOD-0366 For Color Anodized Finish, Add</i>	4.51	
08720-0024	LF		Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ)	32.26	2.89
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>08MOD-0368 For Thermal Break, Add</i>	1.59	
08720-0025	LF		Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)	36.24	2.89
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>08MOD-0368 For Thermal Break, Add</i>	1.83	

08720-0026 Inswing Locking Astragals (08720-0019)

Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08720-0027	Wood, Inswing Locking Astragals <small>(08720-0026)</small>		
08720-0028	LF Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	29.22	2.89
08720-0029	LF Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)	27.75	2.89
	Note: Includes kerf-in foam seal.		
08720-0030	Aluminum, Inswing Locking Astragals <small>(08720-0026)</small>		
08720-0031	LF Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	15.96	2.89
	Note: Includes pile seal at inner door edge and neoprene bottom seal.		
	08MOD-0362 For Silicone Insert, Add	0.63	
	08MOD-0366 For Color Anodized Finish, Add	2.05	
08720-0032	LF Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	19.29	2.89
	Note: Includes pile seal at inner door edge and neoprene bottom seal.		
	08MOD-0362 For Silicone Insert, Add	0.63	
	08MOD-0366 For Color Anodized Finish, Add	2.71	
08720-0033	LF Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	17.21	2.89
	Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
	08MOD-0365 For Magnetic Kerf-In Insert, Add	0.47	
	08MOD-0366 For Color Anodized Finish, Add	2.30	
08720-0034	LF Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	20.51	2.89
	Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
	08MOD-0365 For Magnetic Kerf-In Insert, Add	0.47	
	08MOD-0366 For Color Anodized Finish, Add	2.96	
08720-0035	Security Astragals <small>(08720-0001)</small>		
08720-0036	LF Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	14.84	2.89
	08MOD-0367 For Color Anodized Finish, Add	9.12	
08720-0037	LF 2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	29.81	2.89
08720-0038	Meeting Stile Astragals <small>(08720-0001)</small>		
08720-0039	One Piece, Meeting Stile Astragals <small>(08720-0038)</small>		
	Note: Includes an astragal for one door only.		
08720-0040	LF 1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	9.27	2.89
	08MOD-0357 For Color Anodized Finish, Add	1.07	
08720-0041	LF 1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	14.23	4.31
	08MOD-0359 For Color Anodized Finish, Add	2.25	
08720-0042	LF 9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	19.37	4.31
	08MOD-0355 For Color Anodized Finish, Add	1.08	
08720-0043	LF 15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	19.95	4.31
	08MOD-0356 For Color Anodized Finish, Add	2.84	
08720-0044	LF 1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	18.96	4.31
08720-0045	Two Piece, Meeting Stile Split Astragals <small>(08720-0038)</small>		
	Note: Includes one astragal for each door.		
08720-0046	LF 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	11.06	4.31
	08MOD-0363 For Silicone Insert, Add	0.95	
	08MOD-0367 For Color Anodized Finish, Add	2.46	
08720-0047	LF 1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	11.17	4.31
	08MOD-0367 For Color Anodized Finish, Add	2.57	
08720-0048	LF 1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	11.17	4.31
	08MOD-0363 For Silicone Insert, Add	0.95	
	08MOD-0367 For Color Anodized Finish, Add	2.57	
08720-0049	LF 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	18.15	4.31
	08MOD-0362 For Silicone Insert, Add	0.63	
	08MOD-0366 For Color Anodized Finish, Add	1.91	
08720-0050	LF 3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	15.21	4.31
	08MOD-0359 For Color Anodized Finish, Add	2.64	
08720-0051	LF 5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	15.69	4.31
	08MOD-0359 For Color Anodized Finish, Add	2.84	
08720-0052	LF 3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	18.64	4.31
	08MOD-0360 For Color Anodized Finish, Add	5.02	
	08MOD-0363 For Silicone Insert, Add	0.95	
08720-0053	LF 3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	19.61	4.31
	08MOD-0359 For Color Anodized Finish, Add	4.40	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08720-0054	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB).....	20.10	4.31
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	4.60	
08720-0055		Two Piece, Adjustable Meeting Stile Split Astragals <i>(08720-0038)</i>		
		Note: Includes one astragal for each door.		
08720-0056		Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals <i>(08720-0055)</i>		
08720-0057	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP).....	35.00	4.31
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	6.60	
		<i>08MOD-0362 For Silicone Insert, Add</i>	0.63	
08720-0058	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP).....	36.50	4.31
		<i>08MOD-0362 For Silicone Insert, Add</i>	0.63	
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	5.58	
08720-0059		Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals <i>(08720-0055)</i>		
08720-0060	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP).....	135.25	4.31
		<i>08MOD-0362 For Silicone Insert, Add</i>	0.63	
08720-0061	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP).....	126.40	4.31
		<i>08MOD-0362 For Silicone Insert, Add</i>	0.63	
08720-0062		Door Sweeps <i>(08720)</i>		
08720-0063		Tack On Door Sweeps <i>(08720-0062)</i>		
08720-0064	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365).....	4.19	1.61
08720-0065	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364).....	4.27	1.61
08720-0066	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V).....	4.52	1.61
08720-0067		Aluminum Retainer Door Sweeps <i>(08720-0062)</i>		
08720-0068		35 Degree, Aluminum Retainer Door Sweeps <i>(08720-0067)</i>		
		Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08720-0069	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB).....	9.87	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.37	
08720-0070	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB).....	10.23	3.21
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	1.33	
08720-0071		45 Degree, Aluminum Retainer Door Sweeps <i>(08720-0067)</i>		
		Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08720-0072	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB).....	15.99	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	3.82	
08720-0073	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB).....	17.09	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	4.26	
08720-0074	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB).....	20.27	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	5.53	
08720-0075		90 Degree, Aluminum Retainer Door Sweeps <i>(08720-0067)</i>		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08720-0076	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB).....	11.09	3.21
		<i>08MOD-0355 For Color Anodized Finish, Add</i>	0.47	
08720-0077	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB).....	11.09	3.21
		<i>08MOD-0355 For Color Anodized Finish, Add</i>	0.47	
08720-0078	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB).....	11.83	3.21
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	1.89	
08720-0079	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB).....	12.19	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.30	
08720-0080	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN).....	10.60	3.21
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	1.04	
08720-0081	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN).....	13.53	3.21
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	1.42	
08720-0082	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN).....	11.21	3.21
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	0.95	
08720-0083	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV).....	8.27	3.21
		Note: Includes mill finish.		
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	0.92	
08720-0084	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV).....	8.27	3.21
		Note: Includes mill finish.		
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	0.92	
08720-0085	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV).....	9.20	3.21
		Note: Includes mill finish.		
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	0.97	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08720-0086	180 Degree, Aluminum Retainer Door Sweeps <small>(08720-0067)</small> Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08720-0087	180 Degree, Aluminum Retainer Door Sweeps <small>(08720-0086)</small>		
08720-0088	LF 3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	9.74	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.32	
08720-0089	LF 5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	9.99	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.42	
08720-0090	LF 1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	11.83	3.21
	<i>08MOD-0358 For Color Anodized Finish, Add</i>	1.89	
08720-0091	180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps <small>(08720-0086)</small>		
08720-0092	LF 3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	11.94	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.20	
08720-0093	LF 5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	12.19	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.30	
08720-0094	LF 1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	13.05	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.64	
08720-0095	Mortised, Aluminum Retainer Door Sweeps <small>(08720-0067)</small> Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08720-0096	LF 1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	8.64	3.21
08720-0097	LF 13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	8.64	3.21
08720-0098	LF 5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	8.77	3.21
08720-0099	Aluminum Retainer Door Sweeps With Rain Drip <small>(08720-0062)</small>		
08720-0100	90 Degree, Aluminum Retainer Door Sweeps With Rain Drip <small>(08720-0099)</small> Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08720-0101	LF 1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	8.27	3.21
	<i>08MOD-0361 For Color Anodized Finish, Add</i>	1.28	
08720-0102	LF 1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	9.74	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.32	
08720-0103	LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB)	11.83	3.21
	Note: Includes clear anodized finish.		
	<i>08MOD-0366 For Color Anodized Finish, Add</i>	1.08	
08720-0104	LF 7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	12.07	3.21
	<i>08MOD-0366 For Color Anodized Finish, Add</i>	1.13	
08720-0105	Brass/Bronze Retainer Door Sweeps <small>(08720-0062)</small>		
08720-0106	90 Degree, Brass/Bronze Retainer Door Sweeps <small>(08720-0105)</small> Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08720-0107	LF 7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	10.60	3.21
08720-0108	Oak Retainer Door Sweeps <small>(08720-0062)</small>		
08720-0109	90 Degree, Oak Retainer Door Sweeps <small>(08720-0108)</small> Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08720-0110	LF 9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	10.97	3.21
08720-0111	LF 15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	12.32	3.21
08720-0112	Door Shoes And Bottoms <small>(08720)</small>		
08720-0113	Door Shoes <small>(08720-0112)</small>		
08720-0114	Aluminum Retainer Door Shoes <small>(08720-0113)</small>		
08720-0115	Bottom Mount, Aluminum Retainer Door Shoes <small>(08720-0114)</small>		
08720-0116	LF Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	9.01	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.03	
	<i>08MOD-0370 For Thermo-Plastic Elastomer Insert, Add</i>	0.68	
08720-0117	LF Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	9.26	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.13	
08720-0118	LF Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	16.88	3.21
	<i>08MOD-0366 For Color Anodized Finish, Add</i>	2.09	
08720-0119	Side Mount, Aluminum Retainer Door Shoes <small>(08720-0114)</small>		
08720-0120	LF Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	10.47	3.21
	<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.61	
	<i>08MOD-0370 For Thermo-Plastic Elastomer Insert, Add</i>	0.68	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08720-0121		L Or U Shaped, Aluminum Retainer Door Shoes <small>(08720-0114)</small>		
08720-0122	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	9.63	3.21
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	1.60	
		<i>08MOD-0369 For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08720-0123	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	10.36	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.57	
		<i>08MOD-0369 For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08720-0124	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	10.36	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.57	
		<i>08MOD-0369 For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08720-0125	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	17.21	3.21
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	2.15	
08720-0126	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	17.45	3.21
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	2.20	
08720-0127		L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes <small>(08720-0114)</small>		
08720-0128	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	9.63	3.21
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	1.60	
		<i>08MOD-0369 For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08720-0129	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	10.36	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.57	
		<i>08MOD-0369 For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08720-0130	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	10.36	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.57	
		<i>08MOD-0369 For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08720-0131		Vinyl Door Shoes <small>(08720-0113)</small>		
08720-0132	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	10.15	3.21
08720-0133	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	17.37	3.21
08720-0134		Door Bottoms <small>(08720-0112)</small>		
08720-0135		Automatic Door Bottoms <small>(08720-0134)</small>		
08720-0136		Aluminum Automatic Door Bottoms <small>(08720-0135)</small>		
08720-0137	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	24.75	3.21
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	3.66	
08720-0138	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	36.22	3.21
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	5.96	
08720-0139		Door Top Protection <small>(08720)</small>		
08720-0140	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	8.20	2.57
		<i>08MOD-0225 For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.84	
08720-0141	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	8.20	2.57
		<i>08MOD-0225 For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.84	
08720-0142	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	8.71	2.57
		<i>08MOD-0225 For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.98	
08720-0143		Perimeter Gasketing Weather-Strip <small>(08720)</small>		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08720-0144		Adhesive Backed Perimeter Gasketing Weather-Strip <small>(08720-0143)</small>		
08720-0145	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	2.59	1.61
		<i>08MOD-0371 For Intumescent Seal, Add</i>	1.50	
08720-0146	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	2.63	1.61
		<i>08MOD-0371 For Intumescent Seal, Add</i>	1.50	
08720-0147	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	3.02	1.61
		<i>08MOD-0371 For Intumescent Seal, Add</i>	1.50	
08720-0148	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	2.89	1.61
		<i>08MOD-0371 For Intumescent Seal, Add</i>	1.50	
08720-0149	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	3.31	1.61
		<i>08MOD-0371 For Intumescent Seal, Add</i>	1.50	
08720-0150	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	3.65	1.61
		<i>08MOD-0371 For Intumescent Seal, Add</i>	1.50	
08720-0151		Kerf-In Perimeter Gasketing Weather-Strip <small>(08720-0143)</small>		
08720-0152	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	2.26	1.61
08720-0153	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	3.62	1.61
08720-0154	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	2.59	1.61
08720-0155	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	2.55	1.61
08720-0156	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	3.48	1.61
08720-0157		Cushion/Spring Perimeter Gasketing Weather-Strip <small>(08720-0143)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08720-0158	Spring Bronze Perimeter Gasketing Weather-Strip (08720-0157)		
08720-0159	LF 1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C).....	5.23	1.61
08720-0160	LF 1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D).....	5.64	1.61
08720-0161	LF 1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E).....	6.13	1.61
08720-0162	LF 1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F).....	6.22	1.61
08720-0163	Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (08720-0157)		
08720-0164	LF 5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	5.34	1.61
08720-0165	LF 7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	6.07	1.61
08720-0166	LF 1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	7.09	1.61
08720-0167	Aluminum Retainer, Perimeter Gasketing Weather-Strip (08720-0143)		
08720-0168	Aluminum Retainer, Perimeter Gasketing Weather-Strip (08720-0167)		
08720-0169	LF 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	4.44	1.61
	08MOD-0363 For Silicone Insert, Add	0.95	
	08MOD-0367 For Color Anodized Finish, Add	1.23	
08720-0170	LF 1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	4.50	1.61
	08MOD-0363 For Silicone Insert, Add	0.95	
	08MOD-0367 For Color Anodized Finish, Add	1.29	
08720-0171	LF 1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	4.50	1.61
	08MOD-0363 For Silicone Insert, Add	0.95	
	08MOD-0367 For Color Anodized Finish, Add	1.29	
08720-0172	LF 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN).....	7.98	1.61
	08MOD-0362 For Silicone Insert, Add	0.63	
	08MOD-0366 For Color Anodized Finish, Add	0.95	
08720-0173	LF 3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV).....	8.23	1.61
	08MOD-0360 For Color Anodized Finish, Add	2.51	
	08MOD-0363 For Silicone Insert, Add	0.95	
08720-0174	LF Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR).....	8.23	1.61
	08MOD-0358 For Color Anodized Finish, Add	1.76	
08720-0175	Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08720-0167)		
08720-0176	Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08720-0175)		
08720-0177	LF 1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	8.84	1.61
	08MOD-0363 For Silicone Insert, Add	0.95	
08720-0178	Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08720-0175)		
08720-0179	LF 1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	9.94	1.61
08720-0180	Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08720-0143)		
08720-0181	Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08720-0180)		
08720-0182	LF 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	15.51	1.61
	08MOD-0364 For Silicone Insert, Add	1.58	
08720-0183	LF Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	31.26	1.61
08720-0184	Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08720-0180)		
08720-0185	Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08720-0184)		
08720-0186	LF 1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	32.27	1.61
	08MOD-0362 For Silicone Insert, Add	0.63	
08720-0187	Aluminum Interlock, Perimeter Gasketing Weather-Strip (08720-0143)		
08720-0188	LF Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A).....	12.20	3.21
	Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.		
	08MOD-0359 For Color Anodized Finish, Add	2.30	

08000	Doors And Windows
08700	Hardware And Specialties
08720	Weather-Stripping And Seals



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08720-0189	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR)..... Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame. <i>08MOD-0359 For Color Anodized Finish, Add</i>	12.69 2.50	3.21
08720-0190		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08720-0143)</small> Note: Seals gaps from 1/16" to 1/4".		
08720-0191	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	16.92	1.61
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	2.74	
08720-0192	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR).....	17.89	1.61
		<i>08MOD-0366 For Color Anodized Finish, Add</i>	2.94	
08730		Thresholds <small>(08700)</small> Note: Includes material, fasteners, installation, caulk and sealants.		
08730-0001		Metal Thresholds <small>(08730)</small>		
08730-0002		Saddle Thresholds <small>(08730-0001)</small>		
08730-0003		Aluminum Saddle Thresholds <small>(08730-0002)</small> Note: Includes mill finish.		
08730-0004		3/16" Height, Aluminum Saddle Thresholds <small>(08730-0003)</small>		
08730-0005	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	17.16	5.15
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.72	
08730-0006		1/4" Height, Aluminum Saddle Thresholds <small>(08730-0003)</small>		
08730-0007	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	18.99	5.15
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.45	
08730-0008	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	22.08	6.44
		<i>08MOD-0361 For Color Anodized Finish, Add</i>	4.19	
08730-0009	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	25.51	6.44
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	4.71	
08730-0010	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	27.84	6.44
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	4.11	
08730-0011	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	32.00	6.44
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	3.98	
08730-0012	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	36.94	7.72
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	4.41	
08730-0013	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	40.60	7.72
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	5.32	
08730-0014	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	44.16	7.72
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	6.21	
08730-0015		5/16" Height, Aluminum Saddle Thresholds <small>(08730-0003)</small>		
08730-0016	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	18.76	5.15
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	2.06	
08730-0017		1/2" Height, Aluminum Saddle Thresholds <small>(08730-0003)</small>		
08730-0018	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	18.87	5.15
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	3.00	
08730-0019	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	22.21	6.44
		<i>08MOD-0361 For Color Anodized Finish, Add</i>	4.28	
08730-0020	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	25.51	6.44
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	4.71	
08730-0021	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	27.84	6.44
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	4.11	
08730-0022	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	32.00	6.44
		<i>08MOD-0356 For Color Anodized Finish, Add</i>	3.98	
08730-0023	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	38.04	7.72
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	6.56	
08730-0024	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	39.01	7.72
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	7.88	
08730-0025	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	40.85	7.72
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	8.62	
08730-0026		Brass/Bronze Saddle Thresholds <small>(08730-0002)</small>		
08730-0027		3/16" Height, Brass/Bronze Saddle Thresholds <small>(08730-0026)</small>		
08730-0028	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	47.96	5.15
08730-0029		1/4" Height, Brass/Bronze Saddle Thresholds <small>(08730-0026)</small>		
08730-0030	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B).....	77.54	5.15
08730-0031	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B).....	97.14	6.44



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08730-0032	LF 5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	104.96	6.44
08730-0033	LF 6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	118.66	6.44
08730-0034	LF 7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	146.05	6.44
08730-0035	LF 8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	180.13	7.72
08730-0036	1/2" Height, Brass/Bronze Saddle Thresholds (08730-0026)		
08730-0037	LF 4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	104.43	6.44
08730-0038	LF 5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	118.02	6.44
08730-0039	LF 6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	148.62	6.44
08730-0040	LF 7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	165.78	6.44
08730-0041	LF 8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	222.52	7.72
08730-0042	LF 10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	242.37	7.72
08730-0043	Stainless Steel Saddle Thresholds (08730-0002)		
08730-0044	1/2" Height, Stainless Steel Saddle Thresholds (08730-0043)		
08730-0045	LF 4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	94.52	6.44
08730-0046	LF 5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	100.12	6.44
08730-0047	Half Saddle Thresholds (08730-0001)		
08730-0048	Aluminum Half Saddle Thresholds (08730-0047)		
	Note: Includes mill finish.		
08730-0049	3/4" Height, Aluminum Half Saddle Thresholds (08730-0048)		
08730-0050	LF 5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	30.04	6.44
	08MOD-0359 For Color Anodized Finish, Add	5.58	
08730-0051	LF 7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	35.67	6.44
	08MOD-0355 For Color Anodized Finish, Add	1.96	
08730-0052	Offset Saddle Thresholds (08730-0001)		
08730-0053	Aluminum Offset Saddle Thresholds (08730-0052)		
	Note: Includes mill finish.		
08730-0054	1/2" Height, Aluminum Offset Saddle Thresholds (08730-0053)		
08730-0055	LF 5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	27.35	6.44
	08MOD-0360 For Color Anodized Finish, Add	5.63	
08730-0056	LF 7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	30.41	6.44
	08MOD-0358 For Color Anodized Finish, Add	5.01	
08730-0057	3/4" Height, Aluminum Offset Saddle Thresholds (08730-0053)		
08730-0058	LF 5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	27.35	6.44
	08MOD-0360 For Color Anodized Finish, Add	5.63	
08730-0059	1" Height, Aluminum Offset Saddle Thresholds (08730-0053)		
08730-0060	LF 7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	31.39	6.44
	08MOD-0358 For Color Anodized Finish, Add	5.36	
08730-0061	Modular Ramp Thresholds (08730)		
	Note: Includes mill finish.		
08730-0062	Flush, Aluminum Modular Ramp Thresholds (08730-0061)		
08730-0063	LF 6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	25.41	6.44
	08MOD-0373 For Non-Slip Surfacing, Add	37.62	
08730-0064	LF 9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	35.98	7.09
	08MOD-0374 For Non-Slip Surfacing, Add	61.10	
08730-0065	LF 12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	45.36	8.04
	08MOD-0374 For Non-Slip Surfacing, Add	81.96	
08730-0066	LF 15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	57.02	8.36
	08MOD-0375 For Non-Slip Surfacing, Add	108.76	
08730-0067	LF 18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	59.14	9.01
	08MOD-0373 For Non-Slip Surfacing, Add	123.36	
08730-0068	LF 21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	78.80	9.98
	08MOD-0376 For Non-Slip Surfacing, Add	152.98	
08730-0069	LF 24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	89.60	10.94
	08MOD-0376 For Non-Slip Surfacing, Add	176.05	
08730-0070	LF 28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	103.94	11.59
	08MOD-0377 For Non-Slip Surfacing, Add	201.93	
08730-0071	3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08730-0061)		
08730-0072	LF 12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	48.93	8.04
	08MOD-0375 For Non-Slip Surfacing, Add	88.67	
08730-0073	LF 15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	57.02	8.36
	08MOD-0375 For Non-Slip Surfacing, Add	108.76	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08730-0074	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA).....	70.61	9.66
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	133.38	
08730-0075	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	78.83	10.30
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	151.40	
08730-0076	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	91.75	10.94
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	181.64	
08730-0077	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	101.90	11.59
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	204.70	
08730-0078	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	116.24	12.24
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	238.63	
08730-0079		7" Top Plate, Offset, Aluminum Modular Ramp Thresholds <small>(08730-0061)</small>		
08730-0080	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	56.85	8.69
		<i>08MOD-0374 For Non-Slip Surfacing, Add</i>	110.49	
08730-0081	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	66.22	9.66
		<i>08MOD-0374 For Non-Slip Surfacing, Add</i>	131.35	
08730-0082	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	78.42	10.30
		<i>08MOD-0375 For Non-Slip Surfacing, Add</i>	156.11	
08730-0083	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	86.75	10.94
		<i>08MOD-0375 For Non-Slip Surfacing, Add</i>	175.12	
08730-0084	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	99.76	11.59
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	199.13	
08730-0085	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	109.71	12.24
		<i>08MOD-0376 For Non-Slip Surfacing, Add</i>	221.65	
08730-0086	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	124.16	12.87
		<i>08MOD-0377 For Non-Slip Surfacing, Add</i>	246.03	
08730-0087		Accessories For Aluminum Modular Ramp Thresholds <small>(08730-0061)</small>		
08730-0088		Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <small>(08730-0087)</small>		
08730-0089	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	137.03	8.04
		<i>08MOD-0378 For Non-Slip Surfacing, Add</i>	14.51	
08730-0090	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	213.12	8.04
		<i>08MOD-0378 For Non-Slip Surfacing, Add</i>	23.64	
08730-0091	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	423.52	11.27
		<i>08MOD-0378 For Non-Slip Surfacing, Add</i>	48.12	
08730-0092		Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <small>(08730-0087)</small>		
08730-0093	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	137.03	8.04
		<i>08MOD-0378 For Non-Slip Surfacing, Add</i>	14.51	
08730-0094	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds.....	213.12	8.04
		<i>08MOD-0378 For Non-Slip Surfacing, Add</i>	23.64	
08730-0095	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds.....	423.52	11.27
		<i>08MOD-0378 For Non-Slip Surfacing, Add</i>	48.12	
08730-0096		Latching Panic Exit Saddle Thresholds <small>(08730)</small>		
		Note: Includes vinyl or pile seal.		
08730-0097		Aluminum, Latching Panic Exit Saddle Thresholds <small>(08730-0096)</small>		
		Note: Includes mill finish.		
08730-0098		Aluminum, Latching Panic Exit Saddle Thresholds <small>(08730-0097)</small>		
08730-0099		7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08730-0098)</small>		
08730-0100	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	29.80	6.44
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	4.80	
		<i>08MOD-0372 For Thermoseal, Add</i>	0.63	
08730-0101	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	27.23	6.44
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	5.57	
		<i>08MOD-0372 For Thermoseal, Add</i>	0.63	
08730-0102	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	33.47	6.44
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	6.08	
		<i>08MOD-0372 For Thermoseal, Add</i>	0.63	
08730-0103	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	35.30	6.44
		<i>08MOD-0358 For Color Anodized Finish, Add</i>	6.72	
		<i>08MOD-0372 For Thermoseal, Add</i>	0.63	
08730-0104		1" Height, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08730-0098)</small>		
08730-0105	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	26.24	6.44
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	5.08	
		<i>08MOD-0372 For Thermoseal, Add</i>	0.63	
08730-0106	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	27.23	6.44
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	5.57	
		<i>08MOD-0372 For Thermoseal, Add</i>	0.63	
08730-0107		Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08730-0097)</small>		
08730-0108		7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08730-0107)</small>		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08730-0109	LF 4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP) <i>08MOD-0359 For Color Anodized Finish, Add</i> <i>08MOD-0372 For Thermoseal, Add</i>	29.80 5.48 0.63	6.44
08730-0110	LF 5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP) <i>08MOD-0359 For Color Anodized Finish, Add</i> <i>08MOD-0372 For Thermoseal, Add</i>	31.63 6.22 0.63	6.44
08730-0111	LF 6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP) <i>08MOD-0358 For Color Anodized Finish, Add</i> <i>08MOD-0372 For Thermoseal, Add</i>	33.47 6.08 0.63	6.44
08730-0112	LF 7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP) <i>08MOD-0358 For Color Anodized Finish, Add</i> <i>08MOD-0372 For Thermoseal, Add</i>	35.30 6.72 0.63	6.44
08730-0113	Brass/Bronze, Latching Panic Exit Saddle Thresholds (08730-0096)		
08730-0114	Brass/Bronze, Latching Panic Exit Saddle Thresholds (08730-0113)		
08730-0115	7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08730-0114)		
08730-0116	LF 4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV) <i>08MOD-0372 For Thermoseal, Add</i>	139.14 0.63	6.44
08730-0117	LF 5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV) <i>08MOD-0372 For Thermoseal, Add</i>	137.60 0.63	6.44
08730-0118	LF 6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV) <i>08MOD-0372 For Thermoseal, Add</i>	185.75 0.63	6.44
08730-0119	LF 7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV) <i>08MOD-0372 For Thermoseal, Add</i>	195.61 0.63	6.44
08730-0120	1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08730-0114)		
08730-0121	LF 5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV) <i>08MOD-0372 For Thermoseal, Add</i>	147.33 0.63	6.44
08730-0122	Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08730-0113)		
08730-0123	7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08730-0122)		
08730-0124	LF 4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV) <i>08MOD-0372 For Thermoseal, Add</i>	137.09 0.63	7.09
08730-0125	LF 5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV) <i>08MOD-0372 For Thermoseal, Add</i>	156.80 0.63	7.09
08730-0126	LF 6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV) <i>08MOD-0372 For Thermoseal, Add</i>	186.12 0.63	7.09
08730-0127	LF 7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV) <i>08MOD-0372 For Thermoseal, Add</i>	196.57 0.63	7.41
08730-0128	Carpet Separator Thresholds (08730)		
08730-0129	Aluminum, Carpet Separator Thresholds (08730-0128) Note: Includes mill finish.		
08730-0130	3/8" Height, Aluminum, Carpet Separator Thresholds (08730-0129)		
08730-0131	LF 2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C) <i>08MOD-0359 For Color Anodized Finish, Add</i>	19.36 2.60	5.15
08730-0132	7/16" Height, Aluminum, Carpet Separator Thresholds (08730-0129)		
08730-0133	LF 1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A) <i>08MOD-0358 For Color Anodized Finish, Add</i>	15.92 1.63	4.51
08730-0134	LF 4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A) <i>08MOD-0359 For Color Anodized Finish, Add</i>	24.41 3.33	5.15
08730-0135	LF 6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A) <i>08MOD-0359 For Color Anodized Finish, Add</i>	29.06 5.19	5.15
08730-0136	1/2" Height, Aluminum, Carpet Separator Thresholds (08730-0129)		
08730-0137	LF 1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A) <i>08MOD-0356 For Color Anodized Finish, Add</i>	14.57 0.83	4.51
08730-0138	3/4" Height, Aluminum, Carpet Separator Thresholds (08730-0129)		
08730-0139	LF 1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A) <i>08MOD-0357 For Color Anodized Finish, Add</i>	16.04 1.43	4.51

08000	Doors And Windows
08700	Hardware And Specialties
08730	Thresholds



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08730-0140	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A).....	24.90	6.44
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	3.52	
08730-0141	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A).....	26.13	6.44
		<i>08MOD-0357 For Color Anodized Finish, Add</i>	3.01	
08730-0142		Brass/Bronze, Carpet Separator Thresholds <i>(08730-0128)</i>		
08730-0143		3/8" Height, Brass/Bronze, Carpet Separator Thresholds <i>(08730-0142)</i>		
08730-0144	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B).....	80.35	5.15
08730-0145		7/16" Height, Brass/Bronze, Carpet Separator Thresholds <i>(08730-0142)</i>		
08730-0146	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B).....	48.28	4.51
08730-0147	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B).....	100.22	6.44
08730-0148		Vinyl Transition Thresholds <i>(08730)</i>		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08730-0149		Carpet To Carpet, Vinyl Transition Thresholds <i>(08730-0148)</i>		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08730-0150	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL).....	24.43	5.15
08730-0151		Carpet To Tile, Vinyl Transition Thresholds <i>(08730-0148)</i>		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08730-0152	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL).....	24.43	5.15
08730-0153		Carpet To Concrete, Vinyl Transition Thresholds <i>(08730-0148)</i>		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08730-0154	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL).....	27.65	6.44
08730-0155		Carpet To VCT Tile, Vinyl Transition Thresholds <i>(08730-0148)</i>		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08730-0156	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL).....	27.65	6.44
08730-0157		Residential Thresholds <i>(08730)</i>		
08730-0158		Wood Residential Thresholds <i>(08730-0157)</i>		
08730-0159	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....	10.08	3.21
08730-0160	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....	10.49	3.21
08730-0161	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....	14.47	3.43
08730-0162	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....	14.42	3.56
08730-0163	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....	22.67	3.66
08730-0164		Vinyl Top, Wood Residential Thresholds <i>(08730-0157)</i>		
08730-0165	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....	12.19	3.21
08730-0166	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....	14.86	3.56
08730-0167	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....	26.32	3.56
08730-0168		Vinyl Top, Aluminum Residential Thresholds <i>(08730-0157)</i>		
08730-0169	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV).....	11.10	3.21
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	1.22	
08730-0170	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....	14.38	3.56
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.20	
08730-0171	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....	15.13	3.56
		<i>08MOD-0359 For Color Anodized Finish, Add</i>	2.50	
08730-0172		Interlocking Residential Thresholds <i>(08730-0157)</i>		
08730-0173		Aluminum Interlocking Residential Thresholds <i>(08730-0172)</i>		
08730-0174		1/2" Height, Aluminum Interlocking Residential Thresholds <i>(08730-0173)</i>		
08730-0175	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A).....	20.15	3.66
		<i>08MOD-0357 For Color Anodized Finish, Add</i>	3.30	
08730-0176		5/8" Height, Aluminum Interlocking Residential Thresholds <i>(08730-0173)</i>		
08730-0177	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A).....	18.11	3.43
		<i>08MOD-0357 For Color Anodized Finish, Add</i>	2.87	
08730-0178	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A).....	16.71	3.56
		<i>08MOD-0360 For Color Anodized Finish, Add</i>	3.92	
08730-0179	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A).....	19.05	3.66
		<i>08MOD-0357 For Color Anodized Finish, Add</i>	2.97	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08730-0180	7/8" Height, Aluminum Interlocking Residential Thresholds <small>(08730-0173)</small>		
08730-0181	LF 4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A) 20.76	20.76	3.66
	<i>08MOD-0360 For Color Anodized Finish, Add</i> 5.81	5.81	
08730-0182	Brass/Bronze Interlocking Residential Thresholds <small>(08730-0172)</small>		
08730-0183	1/2" Height, Brass/Bronze Interlocking Residential Thresholds <small>(08730-0182)</small>		
08730-0184	LF 4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B) 103.77	103.77	3.66
08730-0185	5/8" Height, Brass/Bronze Interlocking Residential Thresholds <small>(08730-0182)</small>		
08730-0186	LF 3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B) 80.20	80.20	3.56
08730-0187	7/8" Height, Brass/Bronze Interlocking Residential Thresholds <small>(08730-0182)</small>		
08730-0188	LF 4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B) 147.17	147.17	3.66
08730-0189	LF 5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B) 147.43	147.43	3.76
08730-0190	Residential Door Sills <small>(08730)</small>		
08730-0191	Fixed Aluminum Residential Door Sills <small>(08730-0190)</small>		
08730-0192	LF 4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A) 15.39	15.39	3.66
	<i>08MOD-0360 For Color Anodized Finish, Add</i> 3.13	3.13	
08730-0193	LF 5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A) 16.49	16.49	3.76
	<i>08MOD-0359 For Color Anodized Finish, Add</i> 2.84	2.84	
08730-0194	Adjustable Aluminum Top, Aluminum Residential Door Sills <small>(08730-0190)</small>		
08730-0195	LF 4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A) 22.10	22.10	3.66
	<i>08MOD-0358 For Color Anodized Finish, Add</i> 4.54	4.54	
08730-0196	LF 5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A) 23.04	23.04	3.76
	<i>08MOD-0358 For Color Anodized Finish, Add</i> 4.77	4.77	
08730-0197	Adjustable Wood Top, Aluminum Residential Door Sills <small>(08730-0190)</small>		
08730-0198	LF 3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW) 21.12	21.12	3.56
	<i>08MOD-0358 For Color Anodized Finish, Add</i> 4.28	4.28	
08730-0199	LF 4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW) 22.78	22.78	3.66
	<i>08MOD-0356 For Color Anodized Finish, Add</i> 3.41	3.41	
08730-0200	LF 5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW) 23.76	23.76	3.76
	<i>08MOD-0356 For Color Anodized Finish, Add</i> 3.59	3.59	
08730-0201	Extenders For Aluminum Residential Door Sills <small>(08730-0190)</small>		
08730-0202	LF 3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A) 9.26	9.26	3.21
	<i>08MOD-0361 For Color Anodized Finish, Add</i> 1.97	1.97	
08730-0203	LF 2" Extender For Aluminum Residential Door Sills (Pemko EXT2A) 10.11	10.11	3.21
	<i>08MOD-0360 For Color Anodized Finish, Add</i> 1.84	1.84	
08730-0204	LF 3" Extender For Aluminum Residential Door Sills (Pemko EXT3A) 11.09	11.09	3.21
	<i>08MOD-0356 For Color Anodized Finish, Add</i> 1.16	1.16	
08730-0205	Stone Thresholds <small>(08730)</small>		
08730-0206	Marble Thresholds <small>(08730-0205)</small>		
08730-0207	LF 2" Width, 5/8" Height, Plain Marble Threshold 13.11	13.11	4.99
08730-0208	LF 4" Width, 5/8" Height, Plain Marble Threshold 14.59	14.59	4.99
08730-0209	LF 6" Width, 5/8" Height, Plain Marble Threshold 16.57	16.57	4.99
08730-0210	LF 4" Width, 7/8" Height, Plain Marble Threshold 21.02	21.02	4.99
08730-0211	LF 6" Width, 7/8" Height, Plain Marble Threshold 26.25	26.25	4.99
08730-0212	Corian Thresholds <small>(08730-0205)</small>		
08730-0213	LF Up To 5-3/4" Width, Corian Threshold 34.62	34.62	5.34
08740	Electro-Mechanical Hardware <small>(08700)</small>		
08740-0001	Electromagnetic Door Holders <small>(08740)</small>		
08740-0002	EA Electro-Magnetic Door Holder, Wall Mounted Satin Chrome/Bright Brass Finish Plated Or Bright Brass With Base - BHMA 626 Or 605 326.91	326.91	40.58
08740-0003	EA Electro-Magnetic Door Holder, Floor Mounted Satin Chrome/Bright Brass Finish Plated Or Bright Brass With Brass Base - BHMA 626 Or 605 411.49	411.49	40.58
08740-0004	EA Photo Electric Smoke Detector Suitable For Door Holder Release 464.96	464.96	40.58
08740-0005	EA Ionization Type Smoke Detector Suitable For Door Holder Release 558.42	558.42	40.58



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08800 Glazing (08000)

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08810 Factory Installed Glass (08800)

08810-0001 Clear Float Factory Installed Glass (08810)

08810-0002 Clear Float Factory Installed Glass (08810-0001)

Note: Type I, Class I, Quality Q3

08810-0003	SF 1/8" Thick, Clear Float Factory Installed Glass	1.80
	08MOD-0226 For > 50 To 200, Deduct	-0.05
	08MOD-0227 For > 200 To 400, Deduct	-0.11
	08MOD-0228 For > 400, Deduct	-0.16
	08MOD-0264 For Tinted Glass, Add	0.45
	08MOD-0272 For Reflective Coated Glass, Add	0.81
	08MOD-0280 For Low-E Coated Glass, Add	0.45
08810-0004	SF 3/16" Thick, Clear Float Factory Installed Glass	1.93
	08MOD-0226 For > 50 To 200, Deduct	-0.06
	08MOD-0227 For > 200 To 400, Deduct	-0.12
	08MOD-0228 For > 400, Deduct	-0.17
	08MOD-0265 For Tinted Glass, Add	0.48
	08MOD-0273 For Reflective Coated Glass, Add	0.87
	08MOD-0281 For Low-E Coated Glass, Add	0.48
08810-0005	SF 1/4" Thick, Clear Float Factory Installed Glass	2.34
	08MOD-0226 For > 50 To 200, Deduct	-0.07
	08MOD-0227 For > 200 To 400, Deduct	-0.14
	08MOD-0228 For > 400, Deduct	-0.21
	08MOD-0266 For Tinted Glass, Add	0.59
	08MOD-0274 For Reflective Coated Glass, Add	1.05
	08MOD-0282 For Low-E Coated Glass, Add	0.59
08810-0006	SF 5/16" Thick, Clear Float Factory Installed Glass	3.89
	08MOD-0226 For > 50 To 200, Deduct	-0.12
	08MOD-0227 For > 200 To 400, Deduct	-0.23
	08MOD-0228 For > 400, Deduct	-0.35
	08MOD-0267 For Tinted Glass, Add	0.97
	08MOD-0275 For Reflective Coated Glass, Add	1.75
	08MOD-0283 For Low-E Coated Glass, Add	0.97
08810-0007	SF 3/8" Thick, Clear Float Factory Installed Glass	5.66
	08MOD-0226 For > 50 To 200, Deduct	-0.17
	08MOD-0227 For > 200 To 400, Deduct	-0.34
	08MOD-0228 For > 400, Deduct	-0.51
	08MOD-0268 For Tinted Glass, Add	1.42
	08MOD-0276 For Reflective Coated Glass, Add	2.55
	08MOD-0284 For Low-E Coated Glass, Add	1.42
08810-0008	SF 1/2" Thick, Clear Float Factory Installed Glass	6.22
	08MOD-0226 For > 50 To 200, Deduct	-0.19
	08MOD-0227 For > 200 To 400, Deduct	-0.37
	08MOD-0228 For > 400, Deduct	-0.56
	08MOD-0269 For Tinted Glass, Add	1.56
	08MOD-0277 For Reflective Coated Glass, Add	2.80
	08MOD-0285 For Low-E Coated Glass, Add	1.56
08810-0009	SF 5/8" Thick, Clear Float Factory Installed Glass	7.44
	08MOD-0226 For > 50 To 200, Deduct	-0.22
	08MOD-0227 For > 200 To 400, Deduct	-0.45
	08MOD-0228 For > 400, Deduct	-0.67
	08MOD-0270 For Tinted Glass, Add	1.86
	08MOD-0278 For Reflective Coated Glass, Add	3.35
	08MOD-0286 For Low-E Coated Glass, Add	1.86
08810-0010	SF 3/4" Thick, Clear Float Factory Installed Glass	9.19
	08MOD-0226 For > 50 To 200, Deduct	-0.28
	08MOD-0227 For > 200 To 400, Deduct	-0.55
	08MOD-0228 For > 400, Deduct	-0.83
	08MOD-0271 For Tinted Glass, Add	2.30
	08MOD-0279 For Reflective Coated Glass, Add	4.14
	08MOD-0287 For Low-E Coated Glass, Add	2.30

08810-0011 Heat Treated Factory Installed Glass (08810)

08810-0012 Tempered, Clear Float Factory Installed Glass (08810-0011)

Note: Type I, Class I, Quality Q3

08810-0013	SF 1/8" Thick, Tempered, Clear Float Factory Installed Glass	2.61
	08MOD-0226 For > 50 To 200, Deduct	-0.08
	08MOD-0227 For > 200 To 400, Deduct	-0.16
	08MOD-0228 For > 400, Deduct	-0.23
	08MOD-0264 For Tinted Glass, Add	0.65
	08MOD-0272 For Reflective Coated Glass, Add	1.17
	08MOD-0280 For Low-E Coated Glass, Add	0.65



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08810-0014 SF 3/16" Thick, Tempered, Clear Float Factory Installed Glass.....	2.79	
08MOD-0226 For > 50 To 200, Deduct	-0.08	
08MOD-0227 For > 200 To 400, Deduct	-0.17	
08MOD-0228 For > 400, Deduct	-0.25	
08MOD-0265 For Tinted Glass, Add	0.70	
08MOD-0273 For Reflective Coated Glass, Add	1.26	
08MOD-0281 For Low-E Coated Glass, Add	0.70	
08810-0015 SF 1/4" Thick, Tempered, Clear Float Factory Installed Glass.....	3.39	
08MOD-0226 For > 50 To 200, Deduct	-0.10	
08MOD-0227 For > 200 To 400, Deduct	-0.20	
08MOD-0228 For > 400, Deduct	-0.31	
08MOD-0266 For Tinted Glass, Add	0.85	
08MOD-0274 For Reflective Coated Glass, Add	1.53	
08MOD-0282 For Low-E Coated Glass, Add	0.85	
08810-0016 SF 5/16" Thick, Tempered, Clear Float Factory Installed Glass.....	5.65	
08MOD-0226 For > 50 To 200, Deduct	-0.17	
08MOD-0227 For > 200 To 400, Deduct	-0.34	
08MOD-0228 For > 400, Deduct	-0.51	
08MOD-0267 For Tinted Glass, Add	1.41	
08MOD-0275 For Reflective Coated Glass, Add	2.54	
08MOD-0283 For Low-E Coated Glass, Add	1.41	
08810-0017 SF 3/8" Thick, Tempered, Clear Float Factory Installed Glass.....	8.21	
08MOD-0226 For > 50 To 200, Deduct	-0.25	
08MOD-0227 For > 200 To 400, Deduct	-0.49	
08MOD-0228 For > 400, Deduct	-0.74	
08MOD-0268 For Tinted Glass, Add	2.05	
08MOD-0276 For Reflective Coated Glass, Add	3.69	
08MOD-0284 For Low-E Coated Glass, Add	2.05	
08810-0018 SF 1/2" Thick, Tempered, Clear Float Factory Installed Glass.....	9.02	
08MOD-0226 For > 50 To 200, Deduct	-0.27	
08MOD-0227 For > 200 To 400, Deduct	-0.54	
08MOD-0228 For > 400, Deduct	-0.81	
08MOD-0269 For Tinted Glass, Add	2.26	
08MOD-0277 For Reflective Coated Glass, Add	4.06	
08MOD-0285 For Low-E Coated Glass, Add	2.26	
08810-0019 SF 5/8" Thick, Tempered, Clear Float Factory Installed Glass.....	10.79	
08MOD-0226 For > 50 To 200, Deduct	-0.32	
08MOD-0227 For > 200 To 400, Deduct	-0.65	
08MOD-0228 For > 400, Deduct	-0.97	
08MOD-0270 For Tinted Glass, Add	2.70	
08MOD-0278 For Reflective Coated Glass, Add	4.86	
08MOD-0286 For Low-E Coated Glass, Add	2.70	
08810-0020 SF 3/4" Thick, Tempered, Clear Float Factory Installed Glass.....	13.33	
08MOD-0226 For > 50 To 200, Deduct	-0.40	
08MOD-0227 For > 200 To 400, Deduct	-0.80	
08MOD-0228 For > 400, Deduct	-1.20	
08MOD-0271 For Tinted Glass, Add	3.33	
08MOD-0279 For Reflective Coated Glass, Add	6.00	
08MOD-0287 For Low-E Coated Glass, Add	3.33	
08810-0021 Patterned Factory Installed Glass (08810)		
08810-0022 Rough Obscure, Factory Installed Glass (08810-0021)		
Note: Class II, Form 3, Finish F1.		
08810-0023 SF 1/4" Thick, Rough Obscure, Factory Installed Glass.....	5.12	
08810-0024 Patterned, Figured Factory Installed Glass (08810-0021)		
Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08810-0025 SF 1/8" Thick, Patterned, Figured Factory Installed Glass.....	3.11	
08810-0026 SF 7/32" Thick, Patterned, Figured Factory Installed Glass.....	3.11	
08810-0027 Wired Factory Installed Glass (08810)		
08810-0028 Square Or Diamond Pattern, Wired Factory Installed Glass (08810-0027)		
Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2		
08810-0029 SF 1/4" Thick, Square Pattern, Wired Factory Installed Glass	8.05	
08810-0030 SF 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	8.05	
08810-0031 Polished, Wired Factory Installed Glass (08810-0027)		
08810-0032 SF 1/4" Thick, Polished, Wired Factory Installed Glass.....	8.80	
08810-0033 Frosted Factory Installed Glass (08810)		
08810-0034 Frosted Factory Installed Glass (08810-0033)		
08810-0035 SF 1/8" Thick, Frosted Factory Installed Glass	4.07	
08MOD-0226 For > 50 To 200, Deduct	-0.12	
08MOD-0227 For > 200 To 400, Deduct	-0.24	
08MOD-0228 For > 400, Deduct	-0.37	

08000 Doors And Windows**08800 Glazing****08810 Factory Installed Glass**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08810-0036 SF 3/16" Thick, Frosted Factory Installed Glass.....	5.34	
08MOD-0226 For > 50 To 200, Deduct	-0.16	
08MOD-0227 For > 200 To 400, Deduct	-0.32	
08MOD-0228 For > 400, Deduct	-0.48	
08810-0037 SF 1/4" Thick, Frosted Factory Installed Glass.....	6.75	
08MOD-0226 For > 50 To 200, Deduct	-0.20	
08MOD-0227 For > 200 To 400, Deduct	-0.41	
08MOD-0228 For > 400, Deduct	-0.61	
08810-0038 SF 3/8" Thick, Frosted Factory Installed Glass.....	10.09	
08MOD-0226 For > 50 To 200, Deduct	-0.30	
08MOD-0227 For > 200 To 400, Deduct	-0.61	
08MOD-0228 For > 400, Deduct	-0.91	
08810-0039 Fire Rated Factory Installed Glass (08810)		
08810-0040 Fire Rated Factory Installed Glass (08810-0039)		
08810-0041 SF 20 Minute, Fire Rated Factory Installed Glass.....	11.05	
08810-0042 SF 45 Minute, Fire Rated Factory Installed Glass.....	22.00	
08810-0043 SF 60 Minute, Fire Rated Factory Installed Glass.....	34.00	
08810-0044 SF 90 Minute, Fire Rated Factory Installed Glass.....	45.00	
08810-0045 Laminated Factory Installed Glass (08810)		
08810-0046 Laminated Glass With PVB Interlayer, Factory Installed Glass (08810-0045)		
Note: Type I, Class I, Quality Q3		
08810-0047 SF 1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	7.17	
08MOD-0226 For > 50 To 200, Deduct	-0.22	
08MOD-0227 For > 200 To 400, Deduct	-0.43	
08MOD-0228 For > 400, Deduct	-0.65	
08MOD-0288 For Tinted Glass, Add	1.79	
08MOD-0291 For Reflective Coated Glass, Add	3.23	
08MOD-0294 For Low-E Coated Glass, Add	1.79	
08MOD-0309 For One Piece Heat Strengthened Glass, Add	1.43	
08MOD-0312 For One Piece Fully Tempered Glass, Add	1.43	
08810-0048 SF 3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	8.95	
08MOD-0226 For > 50 To 200, Deduct	-0.27	
08MOD-0227 For > 200 To 400, Deduct	-0.54	
08MOD-0228 For > 400, Deduct	-0.81	
08MOD-0289 For Tinted Glass, Add	2.24	
08MOD-0292 For Reflective Coated Glass, Add	4.03	
08MOD-0295 For Low-E Coated Glass, Add	2.24	
08MOD-0310 For One Piece Heat Strengthened Glass, Add	1.79	
08MOD-0313 For One Piece Fully Tempered Glass, Add	1.79	
08810-0049 SF 1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	12.16	
08MOD-0226 For > 50 To 200, Deduct	-0.36	
08MOD-0227 For > 200 To 400, Deduct	-0.73	
08MOD-0228 For > 400, Deduct	-1.09	
08MOD-0290 For Tinted Glass, Add	3.04	
08MOD-0293 For Reflective Coated Glass, Add	5.47	
08MOD-0296 For Low-E Coated Glass, Add	3.04	
08MOD-0311 For One Piece Heat Strengthened Glass, Add	2.43	
08MOD-0314 For One Piece Fully Tempered Glass, Add	2.43	
08810-0050 Insulated Factory Installed Glass (08810)		
08810-0051 Insulated, Factory Installed Glass (08810-0050)		
Note: Type I, Class I, Quality Q3		
08810-0052 SF 1/2" Thick, Insulated Factory Installed Glass.....	5.19	
Note: Two 1/8" lites with 1/4" air space.		
08MOD-0226 For > 50 To 200, Deduct	-0.16	
08MOD-0227 For > 200 To 400, Deduct	-0.31	
08MOD-0228 For > 400, Deduct	-0.47	
08MOD-0297 For Tinted Glass, Add	1.30	
08MOD-0301 For Reflective Coated Glass, Add	2.34	
08MOD-0305 For Low-E Coated Glass, Add	1.30	
08MOD-0315 For One Piece Heat Strengthened Glass, Add	1.04	
08MOD-0319 For One Piece Fully Tempered Glass, Add	1.04	
08MOD-0323 For One Piece Obscure Glass, Add	2.21	
08MOD-0327 For Argon Gas, Add	1.43	
08810-0053 SF 5/8" Thick, Insulated Factory Installed Glass.....	5.25	
Note: Two 3/16" lites with 1/4" air space.		
08MOD-0226 For > 50 To 200, Deduct	-0.16	
08MOD-0227 For > 200 To 400, Deduct	-0.32	
08MOD-0228 For > 400, Deduct	-0.47	
08MOD-0298 For Tinted Glass, Add	1.31	
08MOD-0302 For Reflective Coated Glass, Add	2.36	
08MOD-0306 For Low-E Coated Glass, Add	1.31	
08MOD-0316 For One Piece Heat Strengthened Glass, Add	1.05	
08MOD-0320 For One Piece Fully Tempered Glass, Add	1.05	
08MOD-0324 For One Piece Obscure Glass, Add	2.23	
08MOD-0328 For Argon Gas, Add	1.44	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08810-0054	SF	3/4" Thick, Insulated Factory Installed Glass.....	5.50	
		Note: Two 1/4" lites with 1/4" air space.		
	08MOD-0226	For > 50 To 200, Deduct	-0.17	
	08MOD-0227	For > 200 To 400, Deduct	-0.33	
	08MOD-0228	For > 400, Deduct	-0.50	
	08MOD-0299	For Tinted Glass, Add	1.38	
	08MOD-0303	For Reflective Coated Glass, Add	2.48	
	08MOD-0307	For Low-E Coated Glass, Add	1.38	
	08MOD-0317	For One Piece Heat Strengthened Glass, Add	1.10	
	08MOD-0321	For One Piece Fully Tempered Glass, Add	1.10	
	08MOD-0325	For One Piece Obscure Glass, Add	2.34	
	08MOD-0329	For Argon Gas, Add	1.51	
08810-0055	SF	1" Thick, Insulated Factory Installed Glass.....	6.06	
		Note: Two 1/4" lites with 1/2" air space.		
	08MOD-0226	For > 50 To 200, Deduct	-0.18	
	08MOD-0227	For > 200 To 400, Deduct	-0.36	
	08MOD-0228	For > 400, Deduct	-0.55	
	08MOD-0300	For Tinted Glass, Add	1.52	
	08MOD-0304	For Reflective Coated Glass, Add	2.73	
	08MOD-0308	For Low-E Coated Glass, Add	1.52	
	08MOD-0318	For One Piece Heat Strengthened Glass, Add	1.21	
	08MOD-0322	For One Piece Fully Tempered Glass, Add	1.21	
	08MOD-0326	For One Piece Obscure Glass, Add	2.58	
	08MOD-0330	For Argon Gas, Add	1.67	
08820 Field Installed Glass (08800)				
08820-0001		Clear Float Field Installed Glass (08820)		
08820-0002		Clear Float Field Installed Glass (08820-0001)		
		Note: Type I, Class I, Quality Q3		
08820-0003	SF	1/8" Thick, Clear Float Field Installed Glass.....	11.24	
	08MOD-0226	For > 50 To 200, Deduct	-0.05	
	08MOD-0227	For > 200 To 400, Deduct	-0.11	
	08MOD-0228	For > 400, Deduct	-0.16	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	9.44	
	08MOD-0264	For Tinted Glass, Add	0.45	
	08MOD-0272	For Reflective Coated Glass, Add	0.81	
	08MOD-0280	For Low-E Coated Glass, Add	0.45	
08820-0004	SF	3/16" Thick, Clear Float Field Installed Glass.....	12.09	
	08MOD-0226	For > 50 To 200, Deduct	-0.06	
	08MOD-0227	For > 200 To 400, Deduct	-0.12	
	08MOD-0228	For > 400, Deduct	-0.17	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.16	
	08MOD-0265	For Tinted Glass, Add	0.48	
	08MOD-0273	For Reflective Coated Glass, Add	0.87	
	08MOD-0281	For Low-E Coated Glass, Add	0.48	
08820-0005	SF	1/4" Thick, Clear Float Field Installed Glass.....	13.23	
	08MOD-0226	For > 50 To 200, Deduct	-0.07	
	08MOD-0227	For > 200 To 400, Deduct	-0.14	
	08MOD-0228	For > 400, Deduct	-0.21	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
	08MOD-0266	For Tinted Glass, Add	0.59	
	08MOD-0274	For Reflective Coated Glass, Add	1.05	
	08MOD-0282	For Low-E Coated Glass, Add	0.59	
08820-0006	SF	5/16" Thick, Clear Float Field Installed Glass.....	16.22	
	08MOD-0226	For > 50 To 200, Deduct	-0.12	
	08MOD-0227	For > 200 To 400, Deduct	-0.23	
	08MOD-0228	For > 400, Deduct	-0.35	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	12.33	
	08MOD-0267	For Tinted Glass, Add	0.97	
	08MOD-0275	For Reflective Coated Glass, Add	1.75	
	08MOD-0283	For Low-E Coated Glass, Add	0.97	
08820-0007	SF	3/8" Thick, Clear Float Field Installed Glass.....	19.45	
	08MOD-0226	For > 50 To 200, Deduct	-0.17	
	08MOD-0227	For > 200 To 400, Deduct	-0.34	
	08MOD-0228	For > 400, Deduct	-0.51	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	13.79	
	08MOD-0268	For Tinted Glass, Add	1.42	
	08MOD-0276	For Reflective Coated Glass, Add	2.55	
	08MOD-0284	For Low-E Coated Glass, Add	1.42	
08820-0008	SF	1/2" Thick, Clear Float Field Installed Glass.....	21.46	
	08MOD-0226	For > 50 To 200, Deduct	-0.19	
	08MOD-0227	For > 200 To 400, Deduct	-0.37	
	08MOD-0228	For > 400, Deduct	-0.56	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	15.24	
	08MOD-0269	For Tinted Glass, Add	1.56	
	08MOD-0277	For Reflective Coated Glass, Add	2.80	
	08MOD-0285	For Low-E Coated Glass, Add	1.56	

08000 Doors And Windows**08800 Glazing****08820 Field Installed Glass**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08820-0009	SF		5/8" Thick, Clear Float Field Installed Glass	26.31	
	08MOD-0226		For > 50 To 200, Deduct	-0.22	
	08MOD-0227		For > 200 To 400, Deduct	-0.45	
	08MOD-0228		For > 400, Deduct	-0.67	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	18.87	
	08MOD-0270		For Tinted Glass, Add	1.86	
	08MOD-0278		For Reflective Coated Glass, Add	3.35	
	08MOD-0286		For Low-E Coated Glass, Add	1.86	
08820-0010	SF		3/4" Thick, Clear Float Field Installed Glass	31.69	
	08MOD-0226		For > 50 To 200, Deduct	-0.28	
	08MOD-0227		For > 200 To 400, Deduct	-0.55	
	08MOD-0228		For > 400, Deduct	-0.83	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	22.50	
	08MOD-0271		For Tinted Glass, Add	2.30	
	08MOD-0279		For Reflective Coated Glass, Add	4.14	
	08MOD-0287		For Low-E Coated Glass, Add	2.30	
08820-0011			Heat Treated Field Installed Glass <small>(08820)</small>		
08820-0012			Tempered, Clear Float Field Installed Glass <small>(08820-0011)</small>		
			Note: Type I, Class I, Quality Q3		
08820-0013	SF		1/8" Thick, Tempered, Clear Float Field Installed Glass	12.05	
	08MOD-0226		For > 50 To 200, Deduct	-0.08	
	08MOD-0227		For > 200 To 400, Deduct	-0.16	
	08MOD-0228		For > 400, Deduct	-0.23	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	9.44	
	08MOD-0264		For Tinted Glass, Add	0.65	
	08MOD-0272		For Reflective Coated Glass, Add	1.17	
	08MOD-0280		For Low-E Coated Glass, Add	0.65	
08820-0014	SF		3/16" Thick, Tempered, Clear Float Field Installed Glass	12.95	
	08MOD-0226		For > 50 To 200, Deduct	-0.08	
	08MOD-0227		For > 200 To 400, Deduct	-0.17	
	08MOD-0228		For > 400, Deduct	-0.25	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	10.16	
	08MOD-0265		For Tinted Glass, Add	0.70	
	08MOD-0273		For Reflective Coated Glass, Add	1.26	
	08MOD-0281		For Low-E Coated Glass, Add	0.70	
08820-0015	SF		1/4" Thick, Tempered, Clear Float Field Installed Glass	14.28	
	08MOD-0226		For > 50 To 200, Deduct	-0.10	
	08MOD-0227		For > 200 To 400, Deduct	-0.20	
	08MOD-0228		For > 400, Deduct	-0.31	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
	08MOD-0266		For Tinted Glass, Add	0.85	
	08MOD-0274		For Reflective Coated Glass, Add	1.53	
	08MOD-0282		For Low-E Coated Glass, Add	0.85	
08820-0016	SF		5/16" Thick, Tempered, Clear Float Field Installed Glass	17.98	
	08MOD-0226		For > 50 To 200, Deduct	-0.17	
	08MOD-0227		For > 200 To 400, Deduct	-0.34	
	08MOD-0228		For > 400, Deduct	-0.51	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	12.33	
	08MOD-0267		For Tinted Glass, Add	1.41	
	08MOD-0275		For Reflective Coated Glass, Add	2.54	
	08MOD-0283		For Low-E Coated Glass, Add	1.41	
08820-0017	SF		3/8" Thick, Tempered, Clear Float Field Installed Glass	22.00	
	08MOD-0226		For > 50 To 200, Deduct	-0.25	
	08MOD-0227		For > 200 To 400, Deduct	-0.49	
	08MOD-0228		For > 400, Deduct	-0.74	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	13.79	
	08MOD-0268		For Tinted Glass, Add	2.05	
	08MOD-0276		For Reflective Coated Glass, Add	3.69	
	08MOD-0284		For Low-E Coated Glass, Add	2.05	
08820-0018	SF		1/2" Thick, Tempered, Clear Float Field Installed Glass	24.26	
	08MOD-0226		For > 50 To 200, Deduct	-0.27	
	08MOD-0227		For > 200 To 400, Deduct	-0.54	
	08MOD-0228		For > 400, Deduct	-0.81	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	15.24	
	08MOD-0269		For Tinted Glass, Add	2.26	
	08MOD-0277		For Reflective Coated Glass, Add	4.06	
	08MOD-0285		For Low-E Coated Glass, Add	2.26	
08820-0019	SF		5/8" Thick, Tempered, Clear Float Field Installed Glass	29.66	
	08MOD-0226		For > 50 To 200, Deduct	-0.32	
	08MOD-0227		For > 200 To 400, Deduct	-0.65	
	08MOD-0228		For > 400, Deduct	-0.97	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	18.87	
	08MOD-0270		For Tinted Glass, Add	2.70	
	08MOD-0278		For Reflective Coated Glass, Add	4.86	
	08MOD-0286		For Low-E Coated Glass, Add	2.70	
08820-0020	SF		3/4" Thick, Tempered, Clear Float Field Installed Glass	35.83	
	08MOD-0226		For > 50 To 200, Deduct	-0.40	
	08MOD-0227		For > 200 To 400, Deduct	-0.80	
	08MOD-0228		For > 400, Deduct	-1.20	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	22.50	
	08MOD-0271		For Tinted Glass, Add	3.33	
	08MOD-0279		For Reflective Coated Glass, Add	6.00	
	08MOD-0287		For Low-E Coated Glass, Add	3.33	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08820-0021		Patterned Field Installed Glass <small>(08820)</small>		
08820-0022		Rough Obscure Field Installed Glass <small>(08820-0021)</small> Note: Class II, Form 3, Finish F1.		
08820-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass.....	16.01	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0024		Patterned, Figured Field Installed Glass <small>(08820-0021)</small> Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08820-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass.....	12.55	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	9.44	
08820-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass.....	13.63	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.52	
08820-0027		Wired Field Installed Glass <small>(08820)</small>		
08820-0028		Square Or Diamond Pattern, Wired Field Installed Glass <small>(08820-0027)</small> Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2		
08820-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass.....	18.94	
	08MOD-0230	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass.....	18.94	
	08MOD-0230	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0031		Polished, Wired Field Installed Glass <small>(08820-0027)</small>		
08820-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass.....	19.69	
	08MOD-0230	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0033		Frosted Field Installed Glass <small>(08820)</small>		
08820-0034		Frosted Field Installed Glass <small>(08820-0033)</small>		
08820-0035	SF	1/8" Thick, Frosted Field Installed Glass.....	13.51	
	08MOD-0226	For > 50 To 200, Deduct	-0.12	
	08MOD-0227	For > 200 To 400, Deduct	-0.24	
	08MOD-0228	For > 400, Deduct	-0.37	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	9.44	
08820-0036	SF	3/16" Thick, Frosted Field Installed Glass.....	15.50	
	08MOD-0226	For > 50 To 200, Deduct	-0.16	
	08MOD-0227	For > 200 To 400, Deduct	-0.32	
	08MOD-0228	For > 400, Deduct	-0.48	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.16	
08820-0037	SF	1/4" Thick, Frosted Field Installed Glass.....	17.64	
	08MOD-0226	For > 50 To 200, Deduct	-0.20	
	08MOD-0227	For > 200 To 400, Deduct	-0.41	
	08MOD-0228	For > 400, Deduct	-0.61	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0038	SF	3/8" Thick, Frosted Field Installed Glass.....	23.88	
	08MOD-0226	For > 50 To 200, Deduct	-0.30	
	08MOD-0227	For > 200 To 400, Deduct	-0.61	
	08MOD-0228	For > 400, Deduct	-0.91	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	13.79	
08820-0039		Fire Rated Field Installed Glass <small>(08820)</small>		
08820-0040		Fire Rated Field Installed Glass <small>(08820-0039)</small>		
08820-0041	SF	20 Minute, Fire Rated Field Installed Glass.....	21.94	
	08MOD-0233	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0042	SF	45 Minute, Fire Rated Field Installed Glass.....	32.89	
	08MOD-0233	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0043	SF	60 Minute, Fire Rated Field Installed Glass.....	44.89	
	08MOD-0233	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0044	SF	90 Minute, Fire Rated Field Installed Glass.....	55.89	
	08MOD-0233	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
08820-0045		Laminated Field Installed Glass <small>(08820)</small>		
08820-0046		Laminated Glass With PVB Interlayer, Field Installed Glass <small>(08820-0045)</small> Note: Type I, Class I, Quality Q3		
08820-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	18.06	
	08MOD-0226	For > 50 To 200, Deduct	-0.22	
	08MOD-0227	For > 200 To 400, Deduct	-0.43	
	08MOD-0228	For > 400, Deduct	-0.65	
	08MOD-0229	For Glass Removal And Preparing Opening For New Glazing, Add	10.89	
	08MOD-0288	For Tinted Glass, Add	1.79	
	08MOD-0291	For Reflective Coated Glass, Add	3.23	
	08MOD-0294	For Low-E Coated Glass, Add	1.79	
	08MOD-0309	For One Piece Heat Strengthened Glass, Add	1.43	
	08MOD-0312	For One Piece Fully Tempered Glass, Add	1.43	

08000 Doors And Windows**08800 Glazing****08820 Field Installed Glass**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08820-0048	SF		3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	22.74	
	08MOD-0226		For > 50 To 200, Deduct	-0.27	
	08MOD-0227		For > 200 To 400, Deduct	-0.54	
	08MOD-0228		For > 400, Deduct	-0.81	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	13.79	
	08MOD-0289		For Tinted Glass, Add	2.24	
	08MOD-0292		For Reflective Coated Glass, Add	4.03	
	08MOD-0295		For Low-E Coated Glass, Add	2.24	
	08MOD-0310		For One Piece Heat Strengthened Glass, Add	1.79	
	08MOD-0313		For One Piece Fully Tempered Glass, Add	1.79	
08820-0049	SF		1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	27.40	
	08MOD-0226		For > 50 To 200, Deduct	-0.36	
	08MOD-0227		For > 200 To 400, Deduct	-0.73	
	08MOD-0228		For > 400, Deduct	-1.09	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	15.24	
	08MOD-0290		For Tinted Glass, Add	3.04	
	08MOD-0293		For Reflective Coated Glass, Add	5.47	
	08MOD-0296		For Low-E Coated Glass, Add	3.04	
	08MOD-0311		For One Piece Heat Strengthened Glass, Add	2.43	
	08MOD-0314		For One Piece Fully Tempered Glass, Add	2.43	
08820-0050			Insulated Field Installed Glass (08820)		
08820-0051			Insulated Glass, Field Installed Glass (08820-0050)		
			Note: Type I, Class I, Quality Q3		
08820-0052	SF		1/2" Thick, Insulated Field Installed Glass.....	17.88	
			Note: Two 1/8" lites with 1/4" air space.		
	08MOD-0226		For > 50 To 200, Deduct	-0.16	
	08MOD-0227		For > 200 To 400, Deduct	-0.31	
	08MOD-0228		For > 400, Deduct	-0.47	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	12.69	
	08MOD-0297		For Tinted Glass, Add	1.30	
	08MOD-0301		For Reflective Coated Glass, Add	2.34	
	08MOD-0305		For Low-E Coated Glass, Add	1.30	
	08MOD-0315		For One Piece Heat Strengthened Glass, Add	1.04	
	08MOD-0319		For One Piece Fully Tempered Glass, Add	1.04	
	08MOD-0323		For One Piece Obscure Glass, Add	2.21	
	08MOD-0327		For Argon Gas, Add	1.43	
08820-0053	SF		5/8" Thick, Insulated Field Installed Glass.....	18.80	
			Note: Two 3/16" lites with 1/4" air space.		
	08MOD-0226		For > 50 To 200, Deduct	-0.16	
	08MOD-0227		For > 200 To 400, Deduct	-0.32	
	08MOD-0228		For > 400, Deduct	-0.47	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	13.55	
	08MOD-0298		For Tinted Glass, Add	1.31	
	08MOD-0302		For Reflective Coated Glass, Add	2.36	
	08MOD-0306		For Low-E Coated Glass, Add	1.31	
	08MOD-0316		For One Piece Heat Strengthened Glass, Add	1.05	
	08MOD-0320		For One Piece Fully Tempered Glass, Add	1.05	
	08MOD-0324		For One Piece Obscure Glass, Add	2.23	
	08MOD-0328		For Argon Gas, Add	1.44	
08820-0054	SF		3/4" Thick, Insulated Field Installed Glass.....	20.28	
			Note: Two 1/4" lites with 1/4" air space.		
	08MOD-0226		For > 50 To 200, Deduct	-0.17	
	08MOD-0227		For > 200 To 400, Deduct	-0.33	
	08MOD-0228		For > 400, Deduct	-0.50	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	14.78	
	08MOD-0299		For Tinted Glass, Add	1.38	
	08MOD-0303		For Reflective Coated Glass, Add	2.48	
	08MOD-0307		For Low-E Coated Glass, Add	1.38	
	08MOD-0317		For One Piece Heat Strengthened Glass, Add	1.10	
	08MOD-0321		For One Piece Fully Tempered Glass, Add	1.10	
	08MOD-0325		For One Piece Obscure Glass, Add	2.34	
	08MOD-0329		For Argon Gas, Add	1.51	
08820-0055	SF		1" Thick, Insulated Field Installed Glass.....	21.30	
			Note: Two 1/4" lites with 1/2" air space.		
	08MOD-0226		For > 50 To 200, Deduct	-0.18	
	08MOD-0227		For > 200 To 400, Deduct	-0.36	
	08MOD-0228		For > 400, Deduct	-0.55	
	08MOD-0229		For Glass Removal And Preparing Opening For New Glazing, Add	15.24	
	08MOD-0300		For Tinted Glass, Add	1.52	
	08MOD-0304		For Reflective Coated Glass, Add	2.73	
	08MOD-0308		For Low-E Coated Glass, Add	1.52	
	08MOD-0318		For One Piece Heat Strengthened Glass, Add	1.21	
	08MOD-0322		For One Piece Fully Tempered Glass, Add	1.21	
	08MOD-0326		For One Piece Obscure Glass, Add	2.58	
	08MOD-0330		For Argon Gas, Add	1.67	
08820-0056			Spandrel Field Installed Glass (08820)		
08820-0057			Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass (08820-0056)		
08820-0058	SF		1/4" - 5/16" Spandrel Glass, <= 1000 SF, Field Installed Glass.....	17.90	
	08MOD-0232		For Glass Removal And Preparing Opening For New Glazing, Add	12.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08820-0059 SF 1/4" - 5/16" Spandrel Glass, > 1000 SF, Field Installed Glass.....	16.65	
08MOD-0232 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08820-0060 SF 1/4" - 5/16" Spandrel Glass, > 20000 SF, Field Installed Glass.....	17.29	
08MOD-0232 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08820-0061 Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08820-0056)		
08820-0062 1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08820-0061)		
Note: Also with aluminum foil vapor barrier.		
08820-0063 SF 1/4" Spandrel Glass With 1" Fiberglass Insulation < 20000 SF, Foil Vapor Barrier, Field Installed Glass	19.20	
08MOD-0232 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08820-0064 SF 1/4" Spandrel Glass With 1" Fiberglass Insulation > 20000 SF, Foil Vapor Barrier, Field Installed Glass	17.79	
08MOD-0232 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08820-0065 1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08820-0061)		
08820-0066 SF 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	21.65	
08MOD-0232 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08820-0067 SF 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	18.88	
08MOD-0232 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08830 Mirror Glass (08830)		
Note: Kind FT, Type I, Class I, Quality Q1		
08830-0001 Mirror Glass (08830)		
08830-0002 One-Way Vision Glass (Transparent Mirrors) (08830-0001)		
08830-0003 SF 1/4" One-Way Vision Glass (Transparent Mirrors).....	26.96	5.44
08MOD-0261 For > 50 To 200, Deduct	-0.49	
08MOD-0262 For > 200 To 400, Deduct	-0.81	
08MOD-0263 For > 400, Deduct	-1.30	
08830-0004 Tempered, One-Way Vision Glass (Transparent Mirrors) (08830-0001)		
08830-0005 SF 1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	34.40	5.44
08MOD-0261 For > 50 To 200, Deduct	-0.71	
08MOD-0262 For > 200 To 400, Deduct	-1.18	
08MOD-0263 For > 400, Deduct	-1.89	
08830-0006 Clear Mirror Glass (08830-0001)		
08830-0007 SF 1/8" Clear Mirror Glass	12.30	4.35
08MOD-0261 For > 50 To 200, Deduct	-0.11	
08MOD-0262 For > 200 To 400, Deduct	-0.18	
08MOD-0263 For > 400, Deduct	-0.29	
08830-0008 SF 3/16" Clear Mirror Glass	14.37	5.08
08MOD-0261 For > 50 To 200, Deduct	-0.13	
08MOD-0262 For > 200 To 400, Deduct	-0.22	
08MOD-0263 For > 400, Deduct	-0.35	
08830-0009 SF 1/4" Clear Mirror Glass	15.62	5.44
08MOD-0261 For > 50 To 200, Deduct	-0.15	
08MOD-0262 For > 200 To 400, Deduct	-0.24	
08MOD-0263 For > 400, Deduct	-0.39	
08830-0010 Tempered, Clear Mirror Glass (08830-0001)		
08830-0011 SF 1/8" Tempered, Clear Mirror Glass	16.42	4.35
08MOD-0261 For > 50 To 200, Deduct	-0.23	
08MOD-0262 For > 200 To 400, Deduct	-0.39	
08MOD-0263 For > 400, Deduct	-0.62	
08830-0012 SF 3/16" Tempered, Clear Mirror Glass	18.73	5.08
08MOD-0261 For > 50 To 200, Deduct	-0.26	
08MOD-0262 For > 200 To 400, Deduct	-0.44	
08MOD-0263 For > 400, Deduct	-0.70	
08830-0013 SF 1/4" Tempered, Clear Mirror Glass	20.48	5.44
08MOD-0261 For > 50 To 200, Deduct	-0.29	
08MOD-0262 For > 200 To 400, Deduct	-0.49	
08MOD-0263 For > 400, Deduct	-0.78	
08830-0014 Accessories For Mirror Glass (08830)		
08830-0015 LF 1/8" J-Channel For Mounting Mirror Glass.....	3.13	
08830-0016 LF 3/16" J-Channel For Mounting Mirror Glass.....	3.18	
08830-0017 LF 1/4" J-Channel For Mounting Mirror Glass.....	3.83	
08830-0018 LF Aluminum Frame For Mounting Mirror Glass	4.74	

08840 Plastic Glazing (08800)

08000 Doors And Windows**08800 Glazing****08840 Plastic Glazing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08840-0001		Clear Polycarbonate Glazing (GE Lexan) ⁽⁰⁸⁸⁴⁰⁾		
		See CSI section 08860-0000 for security rated polycarbonate glazing.		
08840-0002	SF	1/8" Clear Polycarbonate Glazing (GE Lexan).....	10.97	
	08MOD-0347	For > 50 To 200, Deduct	-0.21	
	08MOD-0348	For > 200 To 400, Deduct	-0.41	
	08MOD-0349	For > 400, Deduct	-0.62	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	6.85	
	08MOD-0351	For Mar Resistant Coating (One Or Two Sides), Add	4.12	
08840-0003	SF	3/16" Clear Polycarbonate Glazing (GE Lexan).....	13.16	
	08MOD-0347	For > 50 To 200, Deduct	-0.30	
	08MOD-0348	For > 200 To 400, Deduct	-0.61	
	08MOD-0349	For > 400, Deduct	-0.91	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.11	
	08MOD-0351	For Mar Resistant Coating (One Or Two Sides), Add	6.05	
08840-0004	SF	1/4" Clear Polycarbonate Glazing (GE Lexan).....	14.52	
	08MOD-0347	For > 50 To 200, Deduct	-0.36	
	08MOD-0348	For > 200 To 400, Deduct	-0.71	
	08MOD-0349	For > 400, Deduct	-1.07	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.40	
	08MOD-0351	For Mar Resistant Coating (One Or Two Sides), Add	7.12	
08840-0005	SF	3/8" Clear Polycarbonate Glazing (GE Lexan).....	20.81	
	08MOD-0347	For > 50 To 200, Deduct	-0.66	
	08MOD-0348	For > 200 To 400, Deduct	-1.32	
	08MOD-0349	For > 400, Deduct	-1.98	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.61	
	08MOD-0351	For Mar Resistant Coating (One Or Two Sides), Add	13.20	
08840-0006	SF	1/2" Clear Polycarbonate Glazing (GE Lexan).....	26.03	
	08MOD-0347	For > 50 To 200, Deduct	-0.89	
	08MOD-0348	For > 200 To 400, Deduct	-1.79	
	08MOD-0349	For > 400, Deduct	-2.68	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	8.16	
	08MOD-0351	For Mar Resistant Coating (One Or Two Sides), Add	17.87	
08840-0007		Clear Acrylic Glazing (Plexiglas) ⁽⁰⁸⁸⁴⁰⁾		
08840-0008	SF	1/10" Clear Acrylic Glazing (Plexiglas).....	9.07	
	08MOD-0347	For > 50 To 200, Deduct	-0.13	
	08MOD-0348	For > 200 To 400, Deduct	-0.25	
	08MOD-0349	For > 400, Deduct	-0.38	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	6.53	
	08MOD-0352	For Colored, Add	0.51	
	08MOD-0353	For Shatterproof, Add	1.52	
	08MOD-0354	For Mirrored, Add	2.03	
08840-0009	SF	1/8" Clear Acrylic Glazing (Plexiglas).....	9.93	
	08MOD-0347	For > 50 To 200, Deduct	-0.15	
	08MOD-0348	For > 200 To 400, Deduct	-0.31	
	08MOD-0349	For > 400, Deduct	-0.46	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	6.85	
	08MOD-0352	For Colored, Add	0.62	
	08MOD-0353	For Shatterproof, Add	1.85	
	08MOD-0354	For Mirrored, Add	2.46	
08840-0010	SF	3/16" Clear Acrylic Glazing (Plexiglas).....	11.65	
	08MOD-0347	For > 50 To 200, Deduct	-0.23	
	08MOD-0348	For > 200 To 400, Deduct	-0.45	
	08MOD-0349	For > 400, Deduct	-0.68	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.11	
	08MOD-0352	For Colored, Add	0.91	
	08MOD-0353	For Shatterproof, Add	2.72	
	08MOD-0354	For Mirrored, Add	3.63	
08840-0011	SF	1/4" Clear Acrylic Glazing (Plexiglas).....	12.76	
	08MOD-0347	For > 50 To 200, Deduct	-0.27	
	08MOD-0348	For > 200 To 400, Deduct	-0.54	
	08MOD-0349	For > 400, Deduct	-0.80	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.40	
	08MOD-0352	For Colored, Add	1.07	
	08MOD-0353	For Shatterproof, Add	3.22	
	08MOD-0354	For Mirrored, Add	4.29	
08840-0012	SF	5/16" Clear Acrylic Glazing (Plexiglas).....	14.25	
	08MOD-0347	For > 50 To 200, Deduct	-0.34	
	08MOD-0348	For > 200 To 400, Deduct	-0.68	
	08MOD-0349	For > 400, Deduct	-1.02	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.44	
	08MOD-0352	For Colored, Add	1.36	
	08MOD-0353	For Shatterproof, Add	4.09	
	08MOD-0354	For Mirrored, Add	5.45	
08840-0013	SF	3/8" Clear Acrylic Glazing (Plexiglas).....	15.86	
	08MOD-0347	For > 50 To 200, Deduct	-0.41	
	08MOD-0348	For > 200 To 400, Deduct	-0.83	
	08MOD-0349	For > 400, Deduct	-1.24	
	08MOD-0350	For Glass Removal And Preparing Opening For New Glazing, Add	7.61	
	08MOD-0352	For Colored, Add	1.65	
	08MOD-0353	For Shatterproof, Add	4.95	
	08MOD-0354	For Mirrored, Add	6.60	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08840-0014 SF 1/2" Clear Acrylic Glazing (Plexiglas).....	18.75	
08MOD-0347 For > 50 To 200, Deduct	-0.53	
08MOD-0348 For > 200 To 400, Deduct	-1.06	
08MOD-0349 For > 400, Deduct	-1.59	
08MOD-0350 For Glass Removal And Preparing Opening For New Glazing, Add	8.16	
08MOD-0352 For Colored, Add	2.12	
08MOD-0353 For Shatterproof, Add	6.35	
08MOD-0354 For Mirrored, Add	8.47	
08840-0015 SF 3/4" Clear Acrylic Glazing (Plexiglas).....	28.89	
08MOD-0347 For > 50 To 200, Deduct	-0.93	
08MOD-0348 For > 200 To 400, Deduct	-1.86	
08MOD-0349 For > 400, Deduct	-2.78	
08MOD-0350 For Glass Removal And Preparing Opening For New Glazing, Add	10.33	
08840-0016 SF 1" Clear Acrylic Glazing (Plexiglas).....	35.56	
08MOD-0347 For > 50 To 200, Deduct	-1.22	
08MOD-0348 For > 200 To 400, Deduct	-2.43	
08MOD-0349 For > 400, Deduct	-3.65	
08MOD-0350 For Glass Removal And Preparing Opening For New Glazing, Add	11.22	

08850 Glazing Accessories (08800)

Note: Applicable to reglazing tasks only, new window installations include the gasket.

08850-0001 Neoprene Glazing Gaskets, Tongued Section Or Tongued Mullion (08850)

Note: For glass sizes listed

08850-0002 LF Neoprene Glazing Gasket, 1/4" Glass Tongued Section / Tongued Mullion.....	6.28	1.45
08850-0003 LF Neoprene Glazing Gasket, 3/8" Glass Tongued Section / Tongued Mullion.....	6.51	1.45
08850-0004 LF Neoprene Glazing Gasket, 1/2" Glass Tongued Section / Tongued Mullion.....	6.63	1.45
08850-0005 LF Neoprene Glazing Gasket, 3/4" Glass Tongued Section / Tongued Mullion.....	6.88	1.45
08850-0006 LF Neoprene Glazing Gasket, 1" Glass Tongued Section / Tongued Mullion.....	7.15	1.45

08850-0007 Mullion Section, For Glass Sizes Listed (08850)

08850-0008 LF Mullion Section For 1/4" Glass.....	3.15	0.72
08850-0009 LF Mullion Section For 3/8" Glass.....	3.83	0.72
08850-0010 LF Mullion Section For 1/2" Glass.....	4.39	0.72
08850-0011 LF Mullion Section For 3/4" Glass.....	5.50	0.72
08850-0012 LF Mullion Section For 1" Glass.....	6.36	0.72
08850-0013 EA Mullion Section Molded Corners.....	129.72	23.94

08850-0014 Window Tinting And Film (08850)

Note: Applied directly to one side of glazing with adhesive.

08850-0015 SF Tinted, Solar Control Window Film.....	4.72	
08850-0016 SF Obscurant, Solar Control Window Film.....	4.72	
08850-0017 SF Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	6.18	
08850-0018 SF Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	6.47	

08860 Ballistic (Impact) Resistant Glazing (08800)

08860-0001 Forced Entry And/Or Ballistic Resistant All Glass Laminate (08860)

08860-0002 Ballistic Resistant Glass (08860-0001)

08860-0003 SF 1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece <= 15 SF.....	70.10	18.14
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	44.99	
08860-0004 SF 1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece > 15 SF.....	78.61	18.14
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	44.99	
08860-0005 SF 1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece <= 15 SF.....	89.05	20.31
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	50.80	
08860-0006 SF 1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece > 15 SF.....	96.15	20.31
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	50.80	
08860-0007 SF 2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece <= 15 SF.....	109.43	23.22
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	58.05	
08860-0008 SF 2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece > 15 SF.....	115.14	23.22
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	58.05	

08860-0009 Forced Entry Resistant Glass (08860-0001)

08860-0010 SF 5/16" Forced Entry Resistant Laminated Glass Sheet.....	24.43	5.44
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	11.34	
08860-0011 SF 1/2" Forced Entry Resistant Laminated Glass Sheet.....	27.39	5.81
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	12.09	
08860-0012 SF 11/16" Forced Entry Resistant Laminated Glass Sheet.....	30.87	6.17
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	12.95	
08860-0013 SF 7/8" Forced Entry Resistant Laminated Glass Sheet.....	34.57	6.90
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	13.96	

08860-0014 Glass Clad Polycarbonate (08860)

08860-0015 SF 0.76" Ballistic Resistant Glass/Poly, Level 1, 6.4 LB/SF.....	97.50	21.77
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	55.15	

08000 Doors And Windows**08800 Glazing****08860 Ballistic (Impact) Resistant Glazing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08860-0016 SF 0.8125" Ballistic Resistant Glass/Poly, Level 2, 8.99 LB/SF	110.06	25.54
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	63.86	
08860-0017 SF 1.18" Ballistic Resistant Glass/Poly, Level 3, 11.5 LB/SF	136.36	29.03
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	72.56	
08860-0018 Ballistic Resistant Acrylic (08860)		
08860-0019 SF 1.25" Ballistic Resistant Acrylic Glass, Level 1, 7.7 LB/SF	148.65	21.77
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	55.15	
08860-0020 SF 1.378" Ballistic Resistant Acrylic Glass, Level 2, 8.5 LB/SF	173.86	25.40
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	63.86	
08860-0021 SF 1.25" Ballistic Resistant Acrylic Glass, Level 3, 7.5 LB/SF	226.56	29.03
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	72.56	
08860-0022 Ballistic Resistant Fiberglass (08860)		
08860-0023 SF 5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	43.19	13.79
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	27.57	
08860-0024 SF 3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	50.77	15.96
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	31.93	
08860-0025 SF 7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	57.63	18.14
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	36.29	
08860-0026 Forced Entry And/Or Ballistic Resistant Polycarbonate (08860)		
08860-0027 Forced Entry Resistant Monolithic Polycarbonate (08860-0026)		
Note: GE-Lexan MR10		
08860-0028 SF 1/2" Overall Nominal Thickness, H.P. White TP-0500.01	68.72	32.95
Note: Level 1 or ASTM F1233, Class II (Step 5)		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	43.98	
08860-0029 Forced Entry Resistant Glass Clad Polycarbonate Laminate (08860-0026)		
Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard		
08860-0030 SF 9/16" Overall Nominal Thickness, H.P. White TP-0500.01, Level 1	84.98	21.77
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	54.43	
08860-0031 Forced Entry Resistant Polycarbonate Laminate (08860-0026)		
Note: GE-Lexgard MPC-500		
08860-0032 SF 1/2" Overall Nominal Thickness, H.P. White TP-0500.01	102.14	41.79
Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15)		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	58.05	
08860-0033 Fire Resistant, Forced Entry Resistant Polycarbonate Laminate (08860-0026)		
Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard		
08860-0034 SF 7/8" Overall Nominal Thickness, H.P. White TP-0500.01, Level I	111.44	25.78
Note: UL-9 Fire Resistant		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	61.68	
08860-0035 Insulated, Forced Entry Resistant Polycarbonate Laminate (08860-0026)		
Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard		
08860-0036 SF 1 5/16" Overall Nominal Thickness, H.P. White TP-0500.01	95.90	21.77
Note: Level I (1/4" Tempered Float Glass, 1/2" Airspace)		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	54.43	
08860-0037 Ballistic And Forced Entry Resistant Polycarbonate Laminate (08860-0026)		
08860-0038 SF 1" Nominal Thickness, Ballistic Or Forced Entry Resistant	219.91	48.47
Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun)		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	120.46	
08860-0039 SF 1 1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant	222.26	48.47
Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun)		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	120.46	
08860-0040 Ballistic Resistant Glass Clad Polycarbonate Laminate (08860-0026)		
Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core		
08860-0041 SF 1 5/16" Overall Nominal Thickness, Ballistic Resistant	146.66	30.72
Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard)		
08MOD-0231 For Glass Removal And Preparing Opening For New Glazing, Add	81.28	
08861 Security And Safety Glazing Film (08800)		
Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08861-0001	High Performance, Security And Safety Glazing Films <small>(08861)</small>		
08861-0002	Clear, High Performance, Security And Safety Glazing Films <small>(08861-0001)</small>		
08861-0003	SF 0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150).....	10.09	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.47	
	08MOD-0380 For > 5000, Deduct	-0.63	
08861-0004	SF 0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400).....	10.64	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.49	
	08MOD-0380 For > 5000, Deduct	-0.69	
08861-0005	SF 0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600).....	11.40	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.52	
	08MOD-0380 For > 5000, Deduct	-0.76	
08861-0006	Tinted, High Performance Sun/Solar, Security And Safety Glazing Films <small>(08861-0001)</small>		
08861-0007	SF 0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400).....	11.24	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.51	
	08MOD-0380 For > 5000, Deduct	-0.75	
08861-0008	SF 0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	11.24	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.51	
	08MOD-0380 For > 5000, Deduct	-0.75	
08861-0009	SF 0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	11.24	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.51	
	08MOD-0380 For > 5000, Deduct	-0.75	
08861-0010	Security And Safety Glazing Films <small>(08861)</small>		
08861-0011	SF 0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL).....	9.49	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.45	
	08MOD-0380 For > 5000, Deduct	-0.57	
08861-0012	SF 0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL).....	9.63	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.45	
	08MOD-0380 For > 5000, Deduct	-0.58	
08861-0013	SF 0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL).....	11.01	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.50	
	08MOD-0380 For > 5000, Deduct	-0.72	
08861-0014	Anti-Graffiti Glazing Films <small>(08861)</small>		
08861-0015	SF 0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4).....	9.49	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.45	
	08MOD-0380 For > 5000, Deduct	-0.57	
08861-0016	SF 0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7).....	9.63	
	08MOD-0379 For > 1000 To 5000, Deduct	-0.45	
	08MOD-0380 For > 5000, Deduct	-0.58	
08890	Glazing Restoration <small>(08800)</small>		
08890-0001	Glazing Compound Repair <small>(08890)</small>		
08890-0002	LF Replace Damaged, Broken Or Cracked Window Glazing Up To 1/2" Wide.....	3.64	
	Note: Compound installation includes removal of existing.		
08900	Glazed Curtain Walls <small>(08000)</small>		
08912	Aluminum Window Walls/Curtain Walls <small>(08900)</small>		
	Note: With trim pieces		
08912-0001	Curtain Walls <small>(08912)</small>		
08912-0002	Coping Sections <small>(08912-0001)</small>		
08912-0003	LF Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section.....	27.06	2.38
	08MOD-0234 For Bronze Anodized Aluminum, Add	1.97	
	08MOD-0235 For Stainless Steel, Add	8.59	
	08MOD-0236 For Black Anodized Finish, Add	3.55	
08912-0004	LF Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section.....	27.76	2.38
	08MOD-0234 For Bronze Anodized Aluminum, Add	2.08	
	08MOD-0235 For Stainless Steel, Add	9.01	
	08MOD-0236 For Black Anodized Finish, Add	3.74	
08912-0005	LF Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section.....	33.76	3.17
	08MOD-0234 For Bronze Anodized Aluminum, Add	2.47	
	08MOD-0235 For Stainless Steel, Add	10.74	
	08MOD-0236 For Black Anodized Finish, Add	4.44	
08912-0006	Sill Section <small>(08912-0001)</small>		

08000 Doors And Windows**08900 Glazed Curtain Walls****08912 Aluminum Window Walls/Curtain Walls**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08912-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	21.20	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.71	
	08MOD-0235	For Stainless Steel, Add	7.34	
	08MOD-0236	For Black Anodized Finish, Add	3.08	
08912-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	22.42	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.90	
	08MOD-0235	For Stainless Steel, Add	8.07	
	08MOD-0236	For Black Anodized Finish, Add	3.41	
08912-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	23.65	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.08	
	08MOD-0235	For Stainless Steel, Add	8.81	
	08MOD-0236	For Black Anodized Finish, Add	3.74	
08912-0010		Aluminum Column Covers (08912-0001)		
		Note: Includes all clips and fasteners.		
08912-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped.....	51.07	3.96
	08MOD-0234	For Bronze Anodized Aluminum, Add	4.31	
	08MOD-0235	For Stainless Steel, Add	18.37	
	08MOD-0236	For Black Anodized Finish, Add	7.76	
08912-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped.....	60.35	3.96
	08MOD-0234	For Bronze Anodized Aluminum, Add	5.51	
	08MOD-0235	For Stainless Steel, Add	23.20	
	08MOD-0236	For Black Anodized Finish, Add	9.91	
08912-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped.....	63.61	3.96
	08MOD-0234	For Bronze Anodized Aluminum, Add	5.99	
	08MOD-0235	For Stainless Steel, Add	25.16	
	08MOD-0236	For Black Anodized Finish, Add	10.79	
08912-0014		Spandrel Covers (08912-0001)		
		Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted)		
08912-0015	SF	1" Spandrel Cover, Aluminum Both Faces.....	19.13	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.87	
	08MOD-0235	For Stainless Steel, Add	7.82	
	08MOD-0236	For Black Anodized Finish, Add	3.37	
08912-0016	SF	1" Spandrel Cover, Aluminum Exterior Face.....	17.28	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.59	
	08MOD-0235	For Stainless Steel, Add	6.71	
	08MOD-0236	For Black Anodized Finish, Add	2.87	
08912-0017	SF	1" Spandrel Cover, Epoxy Both Faces.....	32.60	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	3.89	
	08MOD-0235	For Stainless Steel, Add	15.90	
	08MOD-0236	For Black Anodized Finish, Add	7.00	
08912-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only.....	27.38	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	3.11	
	08MOD-0235	For Stainless Steel, Add	12.77	
	08MOD-0236	For Black Anodized Finish, Add	5.59	
08912-0019	SF	2" Spandrel Cover, Aluminum Both Faces.....	22.06	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.05	
	08MOD-0235	For Stainless Steel, Add	8.63	
	08MOD-0236	For Black Anodized Finish, Add	3.69	
08912-0020	SF	2" Spandrel Cover, Aluminum Exterior Face.....	20.31	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.79	
	08MOD-0235	For Stainless Steel, Add	7.58	
	08MOD-0236	For Black Anodized Finish, Add	3.22	
08912-0021	SF	2" Spandrel Cover, Epoxy Both Faces.....	37.73	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	4.40	
	08MOD-0235	For Stainless Steel, Add	18.03	
	08MOD-0236	For Black Anodized Finish, Add	7.92	
08912-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only.....	31.71	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	3.50	
	08MOD-0235	For Stainless Steel, Add	14.42	
	08MOD-0236	For Black Anodized Finish, Add	6.30	
08912-0023		Curtain Wall, Aluminum System Framing Sections (08912-0001)		
		Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08912-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls.....	18.65	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.86	
	08MOD-0235	For Stainless Steel, Add	7.74	
	08MOD-0236	For Black Anodized Finish, Add	3.34	
08912-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls.....	18.53	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.86	
	08MOD-0235	For Stainless Steel, Add	7.73	
	08MOD-0236	For Black Anodized Finish, Add	3.34	
08912-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls.....	18.54	1.58
	08MOD-0234	For Bronze Anodized Aluminum, Add	1.86	
	08MOD-0235	For Stainless Steel, Add	7.74	
	08MOD-0236	For Black Anodized Finish, Add	3.34	
	08MOD-0391	For Corner Mullion, Add	4.02	
08912-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls.....	24.30	3.17
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.22	
	08MOD-0235	For Stainless Steel, Add	9.35	
	08MOD-0236	For Black Anodized Finish, Add	3.99	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08912-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	24.30	3.17
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.22	
	08MOD-0235	For Stainless Steel, Add	9.35	
	08MOD-0236	For Black Anodized Finish, Add	3.99	
08912-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	24.30	3.17
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.22	
	08MOD-0235	For Stainless Steel, Add	9.35	
	08MOD-0236	For Black Anodized Finish, Add	3.99	
	08MOD-0391	For Corner Mullion, Add	5.12	
08912-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	26.77	3.48
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.43	
	08MOD-0235	For Stainless Steel, Add	10.25	
	08MOD-0236	For Black Anodized Finish, Add	4.38	
08912-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	26.77	3.48
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.43	
	08MOD-0235	For Stainless Steel, Add	10.25	
	08MOD-0236	For Black Anodized Finish, Add	4.38	
08912-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	26.77	3.48
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.43	
	08MOD-0235	For Stainless Steel, Add	10.25	
	08MOD-0236	For Black Anodized Finish, Add	4.38	
	08MOD-0391	For Corner Mullion, Add	5.64	
08912-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	29.36	3.96
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.64	
	08MOD-0235	For Stainless Steel, Add	11.16	
	08MOD-0236	For Black Anodized Finish, Add	4.76	
08912-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	29.36	3.96
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.64	
	08MOD-0235	For Stainless Steel, Add	11.16	
	08MOD-0236	For Black Anodized Finish, Add	4.76	
08912-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	29.36	3.96
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.64	
	08MOD-0235	For Stainless Steel, Add	11.16	
	08MOD-0236	For Black Anodized Finish, Add	4.76	
	08MOD-0391	For Corner Mullion, Add	6.17	
08912-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	32.70	4.28
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.98	
	08MOD-0235	For Stainless Steel, Add	12.57	
	08MOD-0236	For Black Anodized Finish, Add	5.37	
08912-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	32.70	4.28
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.98	
	08MOD-0235	For Stainless Steel, Add	12.57	
	08MOD-0236	For Black Anodized Finish, Add	5.37	
08912-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	32.70	4.28
	08MOD-0234	For Bronze Anodized Aluminum, Add	2.98	
	08MOD-0235	For Stainless Steel, Add	12.57	
	08MOD-0236	For Black Anodized Finish, Add	5.37	
	08MOD-0391	For Corner Mullion, Add	6.89	
08912-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	37.52	4.75
	08MOD-0234	For Bronze Anodized Aluminum, Add	3.42	
	08MOD-0235	For Stainless Steel, Add	14.43	
	08MOD-0236	For Black Anodized Finish, Add	6.16	
08912-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	37.52	4.75
	08MOD-0234	For Bronze Anodized Aluminum, Add	3.42	
	08MOD-0235	For Stainless Steel, Add	14.43	
	08MOD-0236	For Black Anodized Finish, Add	6.16	
08912-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	37.52	4.75
	08MOD-0234	For Bronze Anodized Aluminum, Add	3.42	
	08MOD-0235	For Stainless Steel, Add	14.43	
	08MOD-0236	For Black Anodized Finish, Add	6.16	
	08MOD-0391	For Corner Mullion, Add	7.91	

08950 Translucent Wall And Roof Assemblies (08900)

08950-0001 Insulated Translucent Fiberglass Panels 2-3/4" Thick (08950)

08950-0002	SF	< 5000 SF Insulated Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed	34.12	3.74
	08MOD-0237	For Aluminum Frame, Add	2.85	
08950-0003	SF	> 5000 SF Insulated Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed	29.93	3.18
	08MOD-0237	For Aluminum Frame, Add	2.52	

END OF SECTION 08

08000 Doors And Windows

08900 Glazed Curtain Walls

08950 Translucent Wall And Roof Assemblies



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09000 Finishes

09100 Metal Support Assemblies (09000)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09105 Load Bearing Metal Wall Framing (09100)

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height.

09105-0001 Studs With Tracks And Runners, 16" Center To Center (09105)

09105-0002 Studs With Tracks And Runners 18 Gauge (09105-0001)

09105-0003	SF 2-1/2" Load Bearing Stud, 18 Gauge, 16" On Center, With Tracks And Runners.....	2.41	0.55
	09MOD-0001 For Walls > 10' High, Add	0.48	
	09MOD-0002 For Curved Wall, Add	0.39	
	09MOD-0003 For Up To 200, Add	0.74	
	09MOD-0004 For > 200 To 500, Add	0.37	
	09MOD-0005 For 12" On Center, Add	0.42	
	09MOD-0006 For 24" On Center, Deduct	-0.42	
09105-0004	SF 3-5/8" Load Bearing Stud, 18 Gauge, 16" On Center, With Tracks And Runners.....	3.16	0.55
	09MOD-0001 For Walls > 10' High, Add	0.63	
	09MOD-0002 For Curved Wall, Add	0.41	
	09MOD-0003 For Up To 200, Add	0.90	
	09MOD-0004 For > 200 To 500, Add	0.45	
	09MOD-0005 For 12" On Center, Add	0.56	
	09MOD-0006 For 24" On Center, Deduct	-0.56	
09105-0005	SF 4" Load Bearing Stud, 18 Gauge, 16" On Center, With Tracks And Runners.....	3.29	0.55
	09MOD-0001 For Walls > 10' High, Add	0.66	
	09MOD-0002 For Curved Wall, Add	0.42	
	09MOD-0003 For Up To 200, Add	0.94	
	09MOD-0004 For > 200 To 500, Add	0.47	
	09MOD-0005 For 12" On Center, Add	0.59	
	09MOD-0006 For 24" On Center, Deduct	-0.59	
09105-0006	SF 6" Load Bearing Stud, 18 Gauge, 16" On Center, With Tracks And Runners.....	4.19	0.61
	09MOD-0001 For Walls > 10' High, Add	0.84	
	09MOD-0002 For Curved Wall, Add	0.44	
	09MOD-0003 For Up To 200, Add	1.13	
	09MOD-0004 For > 200 To 500, Add	0.57	
	09MOD-0005 For 12" On Center, Add	0.76	
	09MOD-0006 For 24" On Center, Deduct	-0.76	
09105-0007	SF 8" Load Bearing Stud, 18 Gauge, 16" On Center, With Tracks And Runners.....	4.69	0.67
	09MOD-0001 For Walls > 10' High, Add	0.94	
	09MOD-0002 For Curved Wall, Add	0.46	
	09MOD-0003 For Up To 200, Add	1.25	
	09MOD-0004 For > 200 To 500, Add	0.62	
	09MOD-0005 For 12" On Center, Add	0.86	
	09MOD-0006 For 24" On Center, Deduct	-0.86	

09105-0008 Studs With Tracks And Runners 16 Gauge (09105-0001)

09105-0009	SF 2-1/2" Load Bearing Stud, 16 Gauge, 16" On Center, With Tracks And Runners.....	3.04	0.55
	09MOD-0001 For Walls > 10' High, Add	0.61	
	09MOD-0002 For Curved Wall, Add	0.41	
	09MOD-0003 For Up To 200, Add	0.88	
	09MOD-0004 For > 200 To 500, Add	0.44	
	09MOD-0005 For 12" On Center, Add	0.54	
	09MOD-0006 For 24" On Center, Deduct	-0.54	
09105-0010	SF 3-5/8" Load Bearing Stud, 16 Gauge, 16" On Center, With Tracks And Runners.....	3.52	0.56
	09MOD-0001 For Walls > 10' High, Add	0.70	
	09MOD-0002 For Curved Wall, Add	0.43	
	09MOD-0003 For Up To 200, Add	0.99	
	09MOD-0004 For > 200 To 500, Add	0.50	
	09MOD-0005 For 12" On Center, Add	0.63	
	09MOD-0006 For 24" On Center, Deduct	-0.63	
09105-0011	SF 4" Load Bearing Stud, 16 Gauge, 16" On Center, With Tracks And Runners.....	3.71	0.56
	09MOD-0001 For Walls > 10' High, Add	0.74	
	09MOD-0002 For Curved Wall, Add	0.44	
	09MOD-0003 For Up To 200, Add	1.04	
	09MOD-0004 For > 200 To 500, Add	0.52	
	09MOD-0005 For 12" On Center, Add	0.67	
	09MOD-0006 For 24" On Center, Deduct	-0.67	
09105-0012	SF 6" Load Bearing Stud, 16 Gauge, 16" On Center, With Tracks And Runners.....	4.69	0.67
	09MOD-0001 For Walls > 10' High, Add	0.94	
	09MOD-0002 For Curved Wall, Add	0.47	
	09MOD-0003 For Up To 200, Add	1.25	
	09MOD-0004 For > 200 To 500, Add	0.62	
	09MOD-0005 For 12" On Center, Add	0.86	
	09MOD-0006 For 24" On Center, Deduct	-0.86	

09000 Finishes
09100 Metal Support Assemblies
09105 Load Bearing Metal Wall Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09105-0013	SF		8" Load Bearing Stud, 16 Gauge, 16" On Center, With Tracks And Runners.....	5.17	0.73
	09MOD-0001		For Walls > 10' High, Add	1.03	
	09MOD-0002		For Curved Wall, Add	0.49	
	09MOD-0003		For Up To 200, Add	1.36	
	09MOD-0004		For > 200 To 500, Add	0.68	
	09MOD-0005		For 12" On Center, Add	0.95	
	09MOD-0006		For 24" On Center, Deduct	-0.95	
09105-0014			Studs With Tracks And Runners 14 Gauge (09105-0001)		
09105-0015	SF		3-5/8" Load Bearing Stud, 14 Gauge, 16" On Center, With Tracks And Runners.....	4.18	0.76
	09MOD-0001		For Walls > 10' High, Add	0.84	
	09MOD-0002		For Curved Wall, Add	0.51	
	09MOD-0003		For Up To 200, Add	1.18	
	09MOD-0004		For > 200 To 500, Add	0.59	
	09MOD-0005		For 12" On Center, Add	0.75	
	09MOD-0006		For 24" On Center, Deduct	-0.75	
09105-0016	SF		4" Load Bearing Stud, 14 Gauge, 16" On Center, With Tracks And Runners.....	4.30	0.78
	09MOD-0001		For Walls > 10' High, Add	0.86	
	09MOD-0002		For Curved Wall, Add	0.52	
	09MOD-0003		For Up To 200, Add	1.21	
	09MOD-0004		For > 200 To 500, Add	0.60	
	09MOD-0005		For 12" On Center, Add	0.77	
	09MOD-0006		For 24" On Center, Deduct	-0.77	
09105-0017	SF		6" Load Bearing Stud, 14 Gauge, 16" On Center, With Tracks And Runners.....	5.38	0.83
	09MOD-0001		For Walls > 10' High, Add	1.08	
	09MOD-0002		For Curved Wall, Add	0.55	
	09MOD-0003		For Up To 200, Add	1.44	
	09MOD-0004		For > 200 To 500, Add	0.72	
	09MOD-0005		For 12" On Center, Add	0.99	
	09MOD-0006		For 24" On Center, Deduct	-0.99	
09105-0018	SF		8" Load Bearing Stud, 14 Gauge, 16" On Center, With Tracks And Runners.....	5.92	0.86
	09MOD-0001		For Walls > 10' High, Add	1.18	
	09MOD-0002		For Curved Wall, Add	0.57	
	09MOD-0003		For Up To 200, Add	1.57	
	09MOD-0004		For > 200 To 500, Add	0.78	
	09MOD-0005		For 12" On Center, Add	1.09	
	09MOD-0006		For 24" On Center, Deduct	-1.09	
09110			Non Load Bearing Metal Wall Framing (09100)		
			Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height.		
09110-0001			Non Load Bearing Wall Framing, 25 Gauge (09110)		
09110-0002	SF		1-5/8" Metal Stud Channel, 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners.....	1.66	0.54
	09MOD-0007		For Walls > 10' High, Add	0.33	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.05	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.39	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.33	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.44	
	09MOD-0012		For Curved Wall, Add	0.33	
	09MOD-0013		For 12" On Center, Add	0.28	
	09MOD-0014		For 24" On Center, Deduct	-0.28	
	09MOD-0015		For Up To 200, Add	0.55	
	09MOD-0016		For > 200 To 500, Add	0.28	
09110-0003	SF		2-1/2" Metal Stud Channel, 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners.....	1.73	0.55
	09MOD-0007		For Walls > 10' High, Add	0.35	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.08	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.42	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.34	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.46	
	09MOD-0012		For Curved Wall, Add	0.34	
	09MOD-0013		For 12" On Center, Add	0.29	
	09MOD-0014		For 24" On Center, Deduct	-0.29	
	09MOD-0015		For Up To 200, Add	0.57	
	09MOD-0016		For > 200 To 500, Add	0.29	
09110-0004	SF		3-5/8" Metal Stud Channel, 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners.....	1.87	0.67
	09MOD-0007		For Walls > 10' High, Add	0.37	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.12	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.47	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.36	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.48	
	09MOD-0012		For Curved Wall, Add	0.35	
	09MOD-0013		For 12" On Center, Add	0.32	
	09MOD-0014		For 24" On Center, Deduct	-0.32	
	09MOD-0015		For Up To 200, Add	0.61	
	09MOD-0016		For > 200 To 500, Add	0.30	



Finishes 09000	09000
Metal Support Assemblies 09100	09100
Non Load Bearing Metal Wall Framing 09110	09110

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09110-0005	SF	4" Metal Framing Stud - 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners	1.94	0.73
	09MOD-0007	For Walls > 10' High, Add	0.39	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.13	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.48	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.37	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.49	
	09MOD-0012	For Curved Wall, Add	0.35	
	09MOD-0013	For 12" On Center, Add	0.33	
	09MOD-0014	For 24" On Center, Deduct	-0.33	
	09MOD-0015	For Up To 200, Add	0.62	
	09MOD-0016	For > 200 To 500, Add	0.31	
09110-0006	SF	6" Metal Framing Stud - 16" On Center, 25 Gauge Cold Roll, With Tracks And Runners	2.18	0.80
	09MOD-0007	For Walls > 10' High, Add	0.44	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.20	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.57	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.40	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.53	
	09MOD-0012	For Curved Wall, Add	0.37	
	09MOD-0013	For 12" On Center, Add	0.37	
	09MOD-0014	For 24" On Center, Deduct	-0.37	
	09MOD-0015	For Up To 200, Add	0.68	
	09MOD-0016	For > 200 To 500, Add	0.34	
09110-0007		Non Load Bearing Wall Framing, 20 Gauge (09110)		
09110-0008	SF	1-5/8" Metal Stud Channel, 16" On Center, 20 Gauge, With Tracks And Runners.....	1.77	0.61
	09MOD-0007	For Walls > 10' High, Add	0.35	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.01	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.32	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.33	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.44	
	09MOD-0012	For Curved Wall, Add	0.31	
	09MOD-0013	For 12" On Center, Add	0.30	
	09MOD-0014	For 24" On Center, Deduct	-0.30	
	09MOD-0015	For Up To 200, Add	0.56	
	09MOD-0016	For > 200 To 500, Add	0.28	
09110-0009	SF	2-1/2" Metal Stud Channel, 16" On Center, 20 Gauge, With Tracks And Runners.....	1.95	0.61
	09MOD-0007	For Walls > 10' High, Add	0.39	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.07	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.39	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.36	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.47	
	09MOD-0012	For Curved Wall, Add	0.33	
	09MOD-0013	For 12" On Center, Add	0.34	
	09MOD-0014	For 24" On Center, Deduct	-0.34	
	09MOD-0015	For Up To 200, Add	0.61	
	09MOD-0016	For > 200 To 500, Add	0.30	
09110-0010	SF	3-5/8" Metal Stud Channel, 16" On Center, 20 Gauge, With Tracks And Runners.....	2.13	0.73
	09MOD-0007	For Walls > 10' High, Add	0.43	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.11	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.45	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.38	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.49	
	09MOD-0012	For Curved Wall, Add	0.34	
	09MOD-0013	For 12" On Center, Add	0.37	
	09MOD-0014	For 24" On Center, Deduct	-0.37	
	09MOD-0015	For Up To 200, Add	0.65	
	09MOD-0016	For > 200 To 500, Add	0.33	
09110-0011	SF	4" Metal Framing Stud, 16" On Center, 20 Gauge, With Tracks And Runners	2.27	0.80
	09MOD-0007	For Walls > 10' High, Add	0.45	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.16	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.51	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.40	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.52	
	09MOD-0012	For Curved Wall, Add	0.35	
	09MOD-0013	For 12" On Center, Add	0.40	
	09MOD-0014	For 24" On Center, Deduct	-0.40	
	09MOD-0015	For Up To 200, Add	0.69	
	09MOD-0016	For > 200 To 500, Add	0.34	
09110-0012	SF	6" Metal Framing Stud, 16" On Center, 20 Gauge, With Tracks And Runners	3.27	0.86
	09MOD-0007	For Walls > 10' High, Add	0.65	
	09MOD-0008	For Soffit, Columns Or Beams Up To 10' High, Add	1.37	
	09MOD-0009	For Soffit, Columns Or Beams > 10' High, Add	1.76	
	09MOD-0010	For Horizontal Installation Up To 10' High, Add	0.52	
	09MOD-0011	For Horizontal Installation > 10' High, Add	0.65	
	09MOD-0012	For Curved Wall, Add	0.39	
	09MOD-0013	For 12" On Center, Add	0.59	
	09MOD-0014	For 24" On Center, Deduct	-0.59	
	09MOD-0015	For Up To 200, Add	0.91	
	09MOD-0016	For > 200 To 500, Add	0.46	
09110-0013		Non Load Bearing Wall Framing, 18 Gauge (09110)		

09000 Finishes
09100 Metal Support Assemblies
09110 Non Load Bearing Metal Wall Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09110-0014	SF		2-1/2" Metal Stud Channel, 16" On Center, 18 Gauge, With Tracks And Runners.....	2.32	0.63
	09MOD-0007		For Walls > 10' High, Add	0.46	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.14	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.49	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.40	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.52	
	09MOD-0012		For Curved Wall, Add	0.34	
	09MOD-0013		For 12" On Center, Add	0.41	
	09MOD-0014		For 24" On Center, Deduct	-0.41	
	09MOD-0015		For Up To 200, Add	0.69	
	09MOD-0016		For > 200 To 500, Add	0.35	
09110-0015	SF		3-5/8" Metal Stud Channel, 16" On Center, 18 Gauge, With Tracks And Runners.....	2.98	0.65
	09MOD-0007		For Walls > 10' High, Add	0.60	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.25	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.61	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.48	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.60	
	09MOD-0012		For Curved Wall, Add	0.36	
	09MOD-0013		For 12" On Center, Add	0.54	
	09MOD-0014		For 24" On Center, Deduct	-0.54	
	09MOD-0015		For Up To 200, Add	0.83	
	09MOD-0016		For > 200 To 500, Add	0.42	
09110-0016	SF		4" Metal Framing Stud, 16" On Center, 18 Gauge, With Tracks And Runners.....	3.27	0.70
	09MOD-0007		For Walls > 10' High, Add	0.65	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.34	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.72	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.52	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.64	
	09MOD-0012		For Curved Wall, Add	0.38	
	09MOD-0013		For 12" On Center, Add	0.59	
	09MOD-0014		For 24" On Center, Deduct	-0.59	
	09MOD-0015		For Up To 200, Add	0.91	
	09MOD-0016		For > 200 To 500, Add	0.45	
09110-0017	SF		6" Metal Framing Stud, 16" On Center, 18 Gauge, With Tracks And Runners.....	4.25	0.87
	09MOD-0007		For Walls > 10' High, Add	0.85	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.47	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.86	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.62	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.75	
	09MOD-0012		For Curved Wall, Add	0.39	
	09MOD-0013		For 12" On Center, Add	0.79	
	09MOD-0014		For 24" On Center, Deduct	-0.79	
	09MOD-0015		For Up To 200, Add	1.11	
	09MOD-0016		For > 200 To 500, Add	0.56	
09110-0018	SF		8" Metal Framing Stud, 16" On Center, 18 Gauge, With Tracks And Runners.....	4.59	0.89
	09MOD-0007		For Walls > 10' High, Add	0.92	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.52	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.91	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.66	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.79	
	09MOD-0012		For Curved Wall, Add	0.40	
	09MOD-0013		For 12" On Center, Add	0.85	
	09MOD-0014		For 24" On Center, Deduct	-0.85	
	09MOD-0015		For Up To 200, Add	1.18	
	09MOD-0016		For > 200 To 500, Add	0.59	
09110-0019	Non Load Bearing Wall Framing, 16 Gauge <small>(09110)</small>				
09110-0020	SF		2-1/2" Metal Stud Channel, 16" On Center, 16 Gauge, With Tracks And Runners.....	2.93	1.17
	09MOD-0007		For Walls > 10' High, Add	0.59	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.25	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.60	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.47	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.59	
	09MOD-0012		For Curved Wall, Add	0.36	
	09MOD-0013		For 12" On Center, Add	0.53	
	09MOD-0014		For 24" On Center, Deduct	-0.53	
	09MOD-0015		For Up To 200, Add	0.82	
	09MOD-0016		For > 200 To 500, Add	0.41	
09110-0021	SF		3-5/8" Metal Stud Channel, 16" On Center, 16 Gauge, With Tracks And Runners.....	3.48	1.23
	09MOD-0007		For Walls > 10' High, Add	0.70	
	09MOD-0008		For Soffit, Columns Or Beams Up To 10' High, Add	1.36	
	09MOD-0009		For Soffit, Columns Or Beams > 10' High, Add	1.75	
	09MOD-0010		For Horizontal Installation Up To 10' High, Add	0.54	
	09MOD-0011		For Horizontal Installation > 10' High, Add	0.67	
	09MOD-0012		For Curved Wall, Add	0.38	
	09MOD-0013		For 12" On Center, Add	0.63	
	09MOD-0014		For 24" On Center, Deduct	-0.63	
	09MOD-0015		For Up To 200, Add	0.95	
	09MOD-0016		For > 200 To 500, Add	0.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09110-0022 SF 4" Metal Framing Stud, 16" On Center, 16 Gauge, With Tracks And Runners	3.62	1.23
09MOD-0007 For Walls > 10' High, Add	0.72	
09MOD-0008 For Soffit, Columns Or Beams Up To 10' High, Add	1.38	
09MOD-0009 For Soffit, Columns Or Beams > 10' High, Add	1.76	
09MOD-0010 For Horizontal Installation Up To 10' High, Add	0.55	
09MOD-0011 For Horizontal Installation > 10' High, Add	0.68	
09MOD-0012 For Curved Wall, Add	0.38	
09MOD-0013 For 12" On Center, Add	0.66	
09MOD-0014 For 24" On Center, Deduct	-0.66	
09MOD-0015 For Up To 200, Add	0.98	
09MOD-0016 For > 200 To 500, Add	0.49	
09110-0023 SF 6" Metal Framing Stud, 16" On Center, 16 Gauge, With Tracks And Runners	4.71	1.41
09MOD-0007 For Walls > 10' High, Add	0.94	
09MOD-0008 For Soffit, Columns Or Beams Up To 10' High, Add	1.63	
09MOD-0009 For Soffit, Columns Or Beams > 10' High, Add	2.07	
09MOD-0010 For Horizontal Installation Up To 10' High, Add	0.69	
09MOD-0011 For Horizontal Installation > 10' High, Add	0.83	
09MOD-0012 For Curved Wall, Add	0.44	
09MOD-0013 For 12" On Center, Add	0.87	
09MOD-0014 For 24" On Center, Deduct	-0.87	
09MOD-0015 For Up To 200, Add	1.23	
09MOD-0016 For > 200 To 500, Add	0.62	
09110-0024 SF 8" Metal Framing Stud, 16" On Center, 16 Gauge, With Tracks And Runners	5.25	1.54
09MOD-0007 For Walls > 10' High, Add	1.05	
09MOD-0008 For Soffit, Columns Or Beams Up To 10' High, Add	1.80	
09MOD-0009 For Soffit, Columns Or Beams > 10' High, Add	2.27	
09MOD-0010 For Horizontal Installation Up To 10' High, Add	0.76	
09MOD-0011 For Horizontal Installation > 10' High, Add	0.92	
09MOD-0012 For Curved Wall, Add	0.48	
09MOD-0013 For 12" On Center, Add	0.97	
09MOD-0014 For 24" On Center, Deduct	-0.97	
09MOD-0015 For Up To 200, Add	1.37	
09MOD-0016 For > 200 To 500, Add	0.68	

09110-0025

Backing Accessories (09110)

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls

09110-0026 LF 3" Backing Plate, 25 Gauge Galvanized Steel	0.54
09110-0027 LF 4" Backing Plate, 25 Gauge Galvanized Steel	0.67
09110-0028 LF 6" Backing Plate, 25 Gauge Galvanized Steel	0.88
09110-0029 LF 8" Backing Plate, 25 Gauge Galvanized Steel	1.11
09110-0030 LF 10" Backing Plate, 25 Gauge Galvanized Steel	1.33
09110-0031 LF 12" Backing Plate, 25 Gauge Galvanized Steel	1.53
09110-0032 LF 3" Backing Plate, 20 Gauge Galvanized Steel	0.74
09110-0033 LF 4" Backing Plate, 20 Gauge Galvanized Steel	0.93
09110-0034 LF 6" Backing Plate, 20 Gauge Galvanized Steel	1.28
09110-0035 LF 8" Backing Plate, 20 Gauge Galvanized Steel	1.63
09110-0036 LF 10" Backing Plate, 20 Gauge Galvanized Steel	1.99
09110-0037 LF 12" Backing Plate, 20 Gauge Galvanized Steel	2.31
09110-0038 LF 3" Backing Plate, 16 Gauge Galvanized Steel	1.01
09110-0039 LF 4" Backing Plate, 16 Gauge Galvanized Steel	1.30
09110-0040 LF 6" Backing Plate, 16 Gauge Galvanized Steel	1.82
09110-0041 LF 8" Backing Plate, 16 Gauge Galvanized Steel	2.36
09110-0042 LF 10" Backing Plate, 16 Gauge Galvanized Steel	2.90
09110-0043 LF 12" Backing Plate, 16 Gauge Galvanized Steel	3.40

09200 Plaster and Gypsum Board (09000)

09205 Furring And Lathing (09200)

09205-0001 Furring (09205)

09205-0002 Hat Channel, Drywall Furring Channel (09205-0001)

Note: Includes clips where required.

09205-0003 Hat Channel, Drywall Furring Channel, Installed On Walls (09205-0002)

09205-0004 SF 7/8", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Walls 16" On Center	2.49	1.00
09MOD-0367 For Walls > 10' High, Add	0.30	
09MOD-0370 For 24" On Center, Deduct	-0.30	
09MOD-0371 For 12" On Center, Add	0.40	
09MOD-0372 For 22 Gauge, Add	0.10	
09MOD-0373 For 20 Gauge, Add	0.50	
09205-0005 SF 1-1/2", 25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Walls 16" On Center	2.69	1.00
09MOD-0367 For Walls > 10' High, Add	0.30	
09MOD-0370 For 24" On Center, Deduct	-0.34	
09MOD-0371 For 12" On Center, Add	0.44	
09MOD-0372 For 22 Gauge, Add	0.14	
09MOD-0373 For 20 Gauge, Add	0.58	

09205-0006 Hat Channel, Drywall Furring Channel, Installed On Columns And Beams (09205-0002)

09000 Finishes
09200 Plaster and Gypsum Board
09205 Furring And Lathing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09205-0007	SF	7/8"	25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Columns And Beams 16" On Center .....3.57	3.57	1.54
	09MOD-0368		For Columns And Beams > 10' High, Add	0.61	
	09MOD-0370		For 24" On Center, Deduct	-0.41	
	09MOD-0371		For 12" On Center, Add	0.56	
	09MOD-0372		For 22 Gauge, Add	0.10	
	09MOD-0373		For 20 Gauge, Add	0.66	
09205-0008	SF	1-1/2"	25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Columns And Beams 16" On Center .....3.77	3.77	1.54
	09MOD-0368		For Columns And Beams > 10' High, Add	0.61	
	09MOD-0370		For 24" On Center, Deduct	-0.45	
	09MOD-0371		For 12" On Center, Add	0.60	
	09MOD-0372		For 22 Gauge, Add	0.14	
	09MOD-0373		For 20 Gauge, Add	0.74	
09205-0009			Hat Channel, Drywall Furring Channel, Installed On Ceilings (09205-0002)		
09205-0010	SF	7/8"	25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Ceilings 16" On Center .....3.29	3.29	1.23
	09MOD-0369		For Ceilings > 10' High, Add	0.37	
	09MOD-0370		For 24" On Center, Deduct	-0.41	
	09MOD-0371		For 12" On Center, Add	0.54	
	09MOD-0372		For 22 Gauge, Add	0.17	
	09MOD-0373		For 20 Gauge, Add	0.70	
09205-0011	SF	1-1/2"	25 Gauge, Hat Channel, Drywall Furring Channel, Installed On Ceilings 16" On Center .....3.48	3.48	1.23
	09MOD-0369		For Ceilings > 10' High, Add	0.37	
	09MOD-0370		For 24" On Center, Deduct	-0.45	
	09MOD-0371		For 12" On Center, Add	0.57	
	09MOD-0372		For 22 Gauge, Add	0.20	
	09MOD-0373		For 20 Gauge, Add	0.78	
09205-0012			Z Furring Channel (09205-0001)		
09205-0013			Z Furring Channel, Installed On Walls (09205-0012)		
09205-0014	SF	1"	25 Gauge, Z Furring Channel, Installed On Walls 16" On Center .....2.13	2.13	1.00
	09MOD-0367		For Walls > 10' High, Add	0.30	
	09MOD-0370		For 24" On Center, Deduct	-0.23	
	09MOD-0371		For 12" On Center, Add	0.33	
	09MOD-0372		For 22 Gauge, Add	0.03	
	09MOD-0373		For 20 Gauge, Add	0.35	
09205-0015	SF	1-1/2"	25 Gauge, Z Furring Channel, Installed On Walls 16" On Center .....2.16	2.16	1.00
	09MOD-0367		For Walls > 10' High, Add	0.30	
	09MOD-0370		For 24" On Center, Deduct	-0.23	
	09MOD-0371		For 12" On Center, Add	0.33	
	09MOD-0372		For 22 Gauge, Add	0.03	
	09MOD-0373		For 20 Gauge, Add	0.37	
09205-0016	SF	2"	25 Gauge, Z Furring Channel, Installed On Walls 16" On Center .....2.18	2.18	1.00
	09MOD-0367		For Walls > 10' High, Add	0.30	
	09MOD-0370		For 24" On Center, Deduct	-0.24	
	09MOD-0371		For 12" On Center, Add	0.34	
	09MOD-0372		For 22 Gauge, Add	0.04	
	09MOD-0373		For 20 Gauge, Add	0.37	
09205-0017	SF	2-1/2"	25 Gauge, Z Furring Channel, Installed On Walls 16" On Center .....2.20	2.20	1.00
	09MOD-0367		For Walls > 10' High, Add	0.30	
	09MOD-0370		For 24" On Center, Deduct	-0.24	
	09MOD-0371		For 12" On Center, Add	0.34	
	09MOD-0372		For 22 Gauge, Add	0.04	
	09MOD-0373		For 20 Gauge, Add	0.38	
09205-0018	SF	3"	25 Gauge, Z Furring Channel, Installed On Walls 16" On Center .....2.22	2.22	1.00
	09MOD-0367		For Walls > 10' High, Add	0.30	
	09MOD-0370		For 24" On Center, Deduct	-0.25	
	09MOD-0371		For 12" On Center, Add	0.34	
	09MOD-0372		For 22 Gauge, Add	0.05	
	09MOD-0373		For 20 Gauge, Add	0.39	
09205-0019			Single-Leg Resilient Channel, RC1 Furring Channel (09205-0001)		
			Note: Includes clips where required.		
09205-0020			Single-Leg Resilient Channel, RC1 Furring Channel, Installed On Walls (09205-0019)		
09205-0021	SF		Single-Leg Resilient Channel, 25 Gauge, RC1 Furring Channel, Installed On Walls 16" On Center .....2.29	2.29	1.00
	09MOD-0367		For Walls > 10' High, Add	0.30	
	09MOD-0370		For 24" On Center, Deduct	-0.26	
	09MOD-0371		For 12" On Center, Add	0.36	
	09MOD-0373		For 20 Gauge, Add	0.42	
09205-0022			Single-Leg Resilient Channel, RC1 Furring Channel, Installed On Ceilings (09205-0019)		
09205-0023	SF		Single-Leg Resilient Channel, 25 Gauge, RC1 Furring Channel, Installed On Ceilings 16" On Center .....2.76	2.76	1.23
	09MOD-0369		For Ceilings > 10' High, Add	0.37	
	09MOD-0370		For 24" On Center, Deduct	-0.31	
	09MOD-0371		For 12" On Center, Add	0.43	
	09MOD-0373		For 20 Gauge, Add	0.49	
09205-0024			Double-Leg Resilient Channel, RC2 Furring Channel (09205-0001)		
			Note: Includes clips where required.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09205-0025	Double-Leg Resilient Channel, RC2 Furring Channel, Installed On Walls <small>(09205-0024)</small>		
09205-0026	SF Double-Leg Resilient Channel, 25 Gauge, RC2 Furring Channel, Installed On Walls 16" On Center 2.40	2.40	1.00
	09MOD-0367 For Walls > 10' High, Add 0.30	0.30	
	09MOD-0370 For 24" On Center, Deduct -0.28	-0.28	
	09MOD-0371 For 12" On Center, Add 0.38	0.38	
	09MOD-0373 For 20 Gauge, Add 0.46	0.46	
09205-0027	Double-Leg Resilient Channel, RC2 Furring Channel, Installed On Ceilings <small>(09205-0024)</small>		
09205-0028	SF Double-Leg Resilient Channel, 25 Gauge, RC2 Furring Channel, Installed On Ceilings 16" On Center 2.87	2.87	1.23
	09MOD-0369 For Ceilings > 10' High, Add 0.37	0.37	
	09MOD-0370 For 24" On Center, Deduct -0.33	-0.33	
	09MOD-0371 For 12" On Center, Add 0.45	0.45	
	09MOD-0373 For 20 Gauge, Add 0.53	0.53	
09205-0029	Lathing <small>(09205)</small>		
09205-0030	Flat Diamond, Expanded Metal Lath <small>(09205-0029)</small>		
09205-0031	SF 1.75 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls 1.30	1.30	0.38
	09MOD-0017 For Walls > 10' High, Add 0.11	0.11	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.43	0.43	
	09MOD-0022 For > 100 To 500, Add 0.22	0.22	
	09MOD-0023 For > 5000, Deduct -0.09	-0.09	
09205-0032	SF 2.0 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls 1.36	1.36	0.38
	09MOD-0017 For Walls > 10' High, Add 0.11	0.11	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.43	0.43	
	09MOD-0022 For > 100 To 500, Add 0.22	0.22	
	09MOD-0023 For > 5000, Deduct -0.09	-0.09	
09205-0033	SF 2.5 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls 1.41	1.41	0.38
	09MOD-0017 For Walls > 10' High, Add 0.11	0.11	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.43	0.43	
	09MOD-0022 For > 100 To 500, Add 0.22	0.22	
	09MOD-0023 For > 5000, Deduct -0.09	-0.09	
09205-0034	SF 3.4 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Studs Or Furred Walls 1.61	1.61	0.41
	09MOD-0017 For Walls > 10' High, Add 0.11	0.11	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.46	0.46	
	09MOD-0022 For > 100 To 500, Add 0.23	0.23	
	09MOD-0023 For > 5000, Deduct -0.09	-0.09	
09205-0035	SF 1.75 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling 1.42	1.42	0.43
	09MOD-0018 For Ceilings > 10' High, Add 0.15	0.15	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.49	0.49	
	09MOD-0022 For > 100 To 500, Add 0.25	0.25	
	09MOD-0023 For > 5000, Deduct -0.10	-0.10	
09205-0036	SF 2.0 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling 1.48	1.48	0.43
	09MOD-0018 For Ceilings > 10' High, Add 0.15	0.15	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.49	0.49	
	09MOD-0022 For > 100 To 500, Add 0.25	0.25	
	09MOD-0023 For > 5000, Deduct -0.10	-0.10	
09205-0037	SF 2.5 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling 1.53	1.53	0.43
	09MOD-0018 For Ceilings > 10' High, Add 0.15	0.15	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.49	0.49	
	09MOD-0022 For > 100 To 500, Add 0.25	0.25	
	09MOD-0023 For > 5000, Deduct -0.10	-0.10	
09205-0038	SF 3.4 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Ceiling 1.68	1.68	0.43
	09MOD-0018 For Ceilings > 10' High, Add 0.15	0.15	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.49	0.49	
	09MOD-0022 For > 100 To 500, Add 0.25	0.25	
	09MOD-0023 For > 5000, Deduct -0.10	-0.10	
09205-0039	SF 1.75 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams 1.88	1.88	0.61
	09MOD-0019 For Columns And Beams > 10' High, Add 0.21	0.21	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.69	0.69	
	09MOD-0022 For > 100 To 500, Add 0.34	0.34	
	09MOD-0023 For > 5000, Deduct -0.14	-0.14	
09205-0040	SF 2.0 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams 1.94	1.94	0.61
	09MOD-0019 For Columns And Beams > 10' High, Add 0.21	0.21	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.69	0.69	
	09MOD-0022 For > 100 To 500, Add 0.34	0.34	
	09MOD-0023 For > 5000, Deduct -0.14	-0.14	
09205-0041	SF 2.5 LB/SY, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams 1.99	1.99	0.61
	09MOD-0019 For Columns And Beams > 10' High, Add 0.21	0.21	
	09MOD-0020 For Paper Backed Lath, Add 0.06	0.06	
	09MOD-0021 For Up To 100, Add 0.69	0.69	
	09MOD-0022 For > 100 To 500, Add 0.34	0.34	
	09MOD-0023 For > 5000, Deduct -0.14	-0.14	

09000 Finishes
09200 Plaster and Gypsum Board
09205 Furring And Lathing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09205-0042	SF	3.4 LB/SY	Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.47	0.78
	09MOD-0019		For Columns And Beams > 10' High, Add	0.26	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.85	
	09MOD-0022		For > 100 To 500, Add	0.43	
	09MOD-0023		For > 5000, Deduct	-0.17	
09205-0043			Self Furring, Flat Diamond, Expanded Metal Lath (09205-0029)		
09205-0044	SF	1.75 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.35	0.41
	09MOD-0017		For Walls > 10' High, Add	0.11	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.46	
	09MOD-0022		For > 100 To 500, Add	0.23	
	09MOD-0023		For > 5000, Deduct	-0.09	
09205-0045	SF	2.0 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.41	0.41
	09MOD-0017		For Walls > 10' High, Add	0.11	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.46	
	09MOD-0022		For > 100 To 500, Add	0.23	
	09MOD-0023		For > 5000, Deduct	-0.09	
09205-0046	SF	2.5 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.46	0.41
	09MOD-0017		For Walls > 10' High, Add	0.11	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.46	
	09MOD-0022		For > 100 To 500, Add	0.23	
	09MOD-0023		For > 5000, Deduct	-0.09	
09205-0047	SF	3.4 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Solid Surface	1.61	0.41
	09MOD-0017		For Walls > 10' High, Add	0.11	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.46	
	09MOD-0022		For > 100 To 500, Add	0.23	
	09MOD-0023		For > 5000, Deduct	-0.09	
09205-0048	SF	1.75 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.21	0.78
	09MOD-0019		For Columns And Beams > 10' High, Add	0.26	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.85	
	09MOD-0022		For > 100 To 500, Add	0.43	
	09MOD-0023		For > 5000, Deduct	-0.17	
09205-0049	SF	2.0 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.27	0.78
	09MOD-0019		For Columns And Beams > 10' High, Add	0.26	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.85	
	09MOD-0022		For > 100 To 500, Add	0.43	
	09MOD-0023		For > 5000, Deduct	-0.17	
09205-0050	SF	2.5 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.32	0.78
	09MOD-0019		For Columns And Beams > 10' High, Add	0.26	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.85	
	09MOD-0022		For > 100 To 500, Add	0.43	
	09MOD-0023		For > 5000, Deduct	-0.17	
09205-0051	SF	3.4 LB/SY	Self Furring, Flat Diamond, Expanded Metal Lath, Installed On Columns And Beams	2.72	0.88
	09MOD-0019		For Columns And Beams > 10' High, Add	0.29	
	09MOD-0020		For Paper Backed Lath, Add	0.06	
	09MOD-0021		For Up To 100, Add	0.98	
	09MOD-0022		For > 100 To 500, Add	0.49	
	09MOD-0023		For > 5000, Deduct	-0.20	
09205-0052			High Rib Metal Lath (09205-0029)		
09205-0053	SF	2.75 LB/SY	1/8" High Rib Metal Lath, Installed On Ceiling	1.58	0.43
	09MOD-0018		For Ceilings > 10' High, Add	0.15	
	09MOD-0021		For Up To 100, Add	0.49	
	09MOD-0022		For > 100 To 500, Add	0.25	
	09MOD-0023		For > 5000, Deduct	-0.10	
09205-0054	SF	3.4 LB/SY	1/8" High Rib Metal Lath, Installed On Ceiling	1.66	0.43
	09MOD-0018		For Ceilings > 10' High, Add	0.15	
	09MOD-0021		For Up To 100, Add	0.49	
	09MOD-0022		For > 100 To 500, Add	0.25	
	09MOD-0023		For > 5000, Deduct	-0.10	
09205-0055	SF	3.4 LB/SY	3/8" High Rib Metal Lath, Installed On Ceiling	1.72	0.43
	09MOD-0018		For Ceilings > 10' High, Add	0.15	
	09MOD-0021		For Up To 100, Add	0.49	
	09MOD-0022		For > 100 To 500, Add	0.25	
	09MOD-0023		For > 5000, Deduct	-0.10	
09205-0056	SF	4.0 LB/SY	3/8" High Rib Metal Lath, Installed On Ceiling	1.81	0.43
	09MOD-0018		For Ceilings > 10' High, Add	0.15	
	09MOD-0021		For Up To 100, Add	0.49	
	09MOD-0022		For > 100 To 500, Add	0.25	
	09MOD-0023		For > 5000, Deduct	-0.10	
09205-0057			Fiberglass Non-Metallic Lath (09205-0029)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09205-0058	SF 1/8" Fiberglass Non-Metallic Lath, Installed On Ceiling	1.71	0.43
	09MOD-0018 For Ceilings > 10' High, Add	0.15	
	09MOD-0021 For Up To 100, Add	0.49	
	09MOD-0022 For > 100 To 500, Add	0.25	
	09MOD-0023 For > 5000, Deduct	-0.10	
09205-0059	SF 1/4" Fiberglass Non-Metallic Lath, Installed On Ceiling	1.82	0.43
	09MOD-0018 For Ceilings > 10' High, Add	0.15	
	09MOD-0021 For Up To 100, Add	0.49	
	09MOD-0022 For > 100 To 500, Add	0.25	
	09MOD-0023 For > 5000, Deduct	-0.10	
09205-0060	SF 1/8" Fiberglass Non-Metallic Lath, Installed On Solid Surface	1.64	0.41
	09MOD-0017 For Walls > 10' High, Add	0.11	
	09MOD-0021 For Up To 100, Add	0.46	
	09MOD-0022 For > 100 To 500, Add	0.23	
	09MOD-0023 For > 5000, Deduct	-0.09	
09205-0061	SF 1/4" Fiberglass Non-Metallic Lath, Installed On Solid Surface	1.75	0.41
	09MOD-0017 For Walls > 10' High, Add	0.11	
	09MOD-0021 For Up To 100, Add	0.46	
	09MOD-0022 For > 100 To 500, Add	0.23	
	09MOD-0023 For > 5000, Deduct	-0.09	
09205-0062	Plaster Base Gypsum Panel (09205-0029)		
09205-0063	Plaster Base Gypsum Panel (09205-0062)		
09205-0064	SF 3/8" Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	0.80	0.27
	09MOD-0017 For Walls > 10' High, Add	0.07	
	09MOD-0021 For Up To 100, Add	0.28	
	09MOD-0022 For > 100 To 500, Add	0.14	
	09MOD-0023 For > 5000, Deduct	-0.06	
09205-0065	SF 1/2" Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.08	0.32
	09MOD-0017 For Walls > 10' High, Add	0.08	
	09MOD-0021 For Up To 100, Add	0.32	
	09MOD-0022 For > 100 To 500, Add	0.16	
	09MOD-0023 For > 5000, Deduct	-0.06	
09205-0066	SF 5/8" Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.38	0.37
	09MOD-0017 For Walls > 10' High, Add	0.09	
	09MOD-0021 For Up To 100, Add	0.37	
	09MOD-0022 For > 100 To 500, Add	0.18	
	09MOD-0023 For > 5000, Deduct	-0.07	
09205-0067	SF 3/8" Plaster Base Gypsum Panel, Installed On Ceiling	1.03	0.38
	09MOD-0018 For Ceilings > 10' High, Add	0.12	
	09MOD-0021 For Up To 100, Add	0.39	
	09MOD-0022 For > 100 To 500, Add	0.20	
	09MOD-0023 For > 5000, Deduct	-0.08	
09205-0068	SF 1/2" Plaster Base Gypsum Panel, Installed On Ceiling	1.35	0.44
	09MOD-0018 For Ceilings > 10' High, Add	0.14	
	09MOD-0021 For Up To 100, Add	0.45	
	09MOD-0022 For > 100 To 500, Add	0.23	
	09MOD-0023 For > 5000, Deduct	-0.09	
09205-0069	SF 5/8" Plaster Base Gypsum Panel, Installed On Ceiling	1.68	0.51
	09MOD-0018 For Ceilings > 10' High, Add	0.15	
	09MOD-0021 For Up To 100, Add	0.52	
	09MOD-0022 For > 100 To 500, Add	0.26	
	09MOD-0023 For > 5000, Deduct	-0.10	
09205-0070	SF 3/8" Plaster Base Gypsum Panel, Installed On Columns And Beams	1.25	0.49
	09MOD-0019 For Columns And Beams > 10' High, Add	0.15	
	09MOD-0021 For Up To 100, Add	0.50	
	09MOD-0022 For > 100 To 500, Add	0.25	
	09MOD-0023 For > 5000, Deduct	-0.10	
09205-0071	SF 1/2" Plaster Base Gypsum Panel, Installed On Columns And Beams	1.60	0.57
	09MOD-0019 For Columns And Beams > 10' High, Add	0.17	
	09MOD-0021 For Up To 100, Add	0.58	
	09MOD-0022 For > 100 To 500, Add	0.29	
	09MOD-0023 For > 5000, Deduct	-0.12	
09205-0072	SF 5/8" Plaster Base Gypsum Panel, Installed On Columns And Beams	1.97	0.66
	09MOD-0019 For Columns And Beams > 10' High, Add	0.20	
	09MOD-0021 For Up To 100, Add	0.66	
	09MOD-0022 For > 100 To 500, Add	0.33	
	09MOD-0023 For > 5000, Deduct	-0.13	
09205-0073	Firestop Plaster Base Gypsum Panel (09205-0062)		
09205-0074	SF 3/8" Firestop Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.09	0.27
	09MOD-0017 For Walls > 10' High, Add	0.07	
	09MOD-0021 For Up To 100, Add	0.28	
	09MOD-0022 For > 100 To 500, Add	0.14	
	09MOD-0023 For > 5000, Deduct	-0.06	
09205-0075	SF 1/2" Firestop Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls	1.26	0.32
	09MOD-0017 For Walls > 10' High, Add	0.08	
	09MOD-0021 For Up To 100, Add	0.32	
	09MOD-0022 For > 100 To 500, Add	0.16	
	09MOD-0023 For > 5000, Deduct	-0.06	

09000 Finishes
09200 Plaster and Gypsum Board
09205 Furring And Lathing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09205-0076	SF	3/8"	Firestop Plaster Base Gypsum Panel, Installed On Ceiling.....	1.32	0.38
	09MOD-0018		For Ceilings > 10' High, Add	0.12	
	09MOD-0021		For Up To 100, Add	0.39	
	09MOD-0022		For > 100 To 500, Add	0.20	
	09MOD-0023		For > 5000, Deduct	-0.08	
09205-0077	SF	1/2"	Firestop Plaster Base Gypsum Panel, Installed On Ceiling.....	1.53	0.44
	09MOD-0018		For Ceilings > 10' High, Add	0.14	
	09MOD-0021		For Up To 100, Add	0.45	
	09MOD-0022		For > 100 To 500, Add	0.23	
	09MOD-0023		For > 5000, Deduct	-0.09	
09205-0078	SF	3/8"	Firestop Plaster Base Gypsum Panel, Installed On Columns And Beams.....	1.54	0.49
	09MOD-0019		For Columns And Beams > 10' High, Add	0.15	
	09MOD-0021		For Up To 100, Add	0.50	
	09MOD-0022		For > 100 To 500, Add	0.25	
	09MOD-0023		For > 5000, Deduct	-0.10	
09205-0079	SF	1/2"	Firestop Plaster Base Gypsum Panel, Installed On Columns And Beams.....	1.78	0.57
	09MOD-0019		For Columns And Beams > 10' High, Add	0.17	
	09MOD-0021		For Up To 100, Add	0.58	
	09MOD-0022		For > 100 To 500, Add	0.29	
	09MOD-0023		For > 5000, Deduct	-0.12	
09205-0080			Foil Back Plaster Base Gypsum Panel (09205-0062)		
09205-0081	SF	3/8"	Foil Back Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls.....	1.09	0.27
	09MOD-0017		For Walls > 10' High, Add	0.07	
	09MOD-0021		For Up To 100, Add	0.28	
	09MOD-0022		For > 100 To 500, Add	0.14	
	09MOD-0023		For > 5000, Deduct	-0.06	
09205-0082	SF	1/2"	Foil Back Plaster Base Gypsum Panel, Installed On Studs Or Furred Walls.....	1.26	0.32
	09MOD-0017		For Walls > 10' High, Add	0.08	
	09MOD-0021		For Up To 100, Add	0.32	
	09MOD-0022		For > 100 To 500, Add	0.16	
	09MOD-0023		For > 5000, Deduct	-0.06	
09205-0083	SF	3/8"	Foil Back Plaster Base Gypsum Panel, Installed On Ceiling.....	1.32	0.38
	09MOD-0018		For Ceilings > 10' High, Add	0.12	
	09MOD-0021		For Up To 100, Add	0.39	
	09MOD-0022		For > 100 To 500, Add	0.20	
	09MOD-0023		For > 5000, Deduct	-0.08	
09205-0084	SF	1/2"	Foil Back Plaster Base Gypsum Panel, Installed On Ceiling.....	1.53	0.44
	09MOD-0018		For Ceilings > 10' High, Add	0.14	
	09MOD-0021		For Up To 100, Add	0.45	
	09MOD-0022		For > 100 To 500, Add	0.23	
	09MOD-0023		For > 5000, Deduct	-0.09	
09205-0085	SF	3/8"	Foil Back Plaster Base Gypsum Panel, Installed On Columns And Beams.....	1.54	0.49
	09MOD-0019		For Columns And Beams > 10' High, Add	0.15	
	09MOD-0021		For Up To 100, Add	0.50	
	09MOD-0022		For > 100 To 500, Add	0.25	
	09MOD-0023		For > 5000, Deduct	-0.10	
09205-0086	SF	1/2"	Foil Back Plaster Base Gypsum Panel, Installed On Columns And Beams.....	1.78	0.57
	09MOD-0019		For Columns And Beams > 10' High, Add	0.17	
	09MOD-0021		For Up To 100, Add	0.58	
	09MOD-0022		For > 100 To 500, Add	0.29	
	09MOD-0023		For > 5000, Deduct	-0.12	
09205-0087			Plaster Accessories (09205)		
09205-0088			Casing And Corner Beads (09205-0087)		
09205-0089	LF		Galvanized Expanded Flange Casing Bead.....	2.70	0.61
			Note: Used for interior installations.		
09205-0090	LF		Zinc Expanded Flange Casing Bead.....	3.46	0.61
			Note: Used for exterior installations.		
09205-0091	LF		Vinyl Expanded Flange Casing Bead.....	3.00	0.61
09205-0092	LF		Galvanized Corner Bead.....	2.42	0.61
09205-0093	LF		Vinyl Corner Bead.....	2.58	0.61
09205-0094			Trim (09205-0087)		
09205-0095	LF	"J"	Trim, Galvanized Steel.....	2.64	0.61
	09MOD-0024		For Vinyl Instead Of Galvanized, Add	0.13	
	09MOD-0025		For Zinc Instead Of Galvanized, Add	0.89	
09205-0096	LF	"L"	Trim, Galvanized Steel.....	2.64	0.61
	09MOD-0024		For Vinyl Instead Of Galvanized, Add	0.13	
	09MOD-0025		For Zinc Instead Of Galvanized, Add	0.89	
09205-0097	LF	"U"	Trim, Galvanized Steel.....	2.64	0.61
	09MOD-0024		For Vinyl Instead Of Galvanized, Add	0.13	
	09MOD-0025		For Zinc Instead Of Galvanized, Add	0.89	
09205-0098			Plaster Forms And Expansion Joints (09205-0087)		
09205-0099	SF	1"	Architectural Foam Forms To Cover With Plaster.....	2.93	
09205-0100	LF	3/4"	Galvanized Expansion Joint.....	3.02	0.61
			Note: For plastering applications.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09210 Gypsum Plaster (09200)

Note: All plastering excludes lath, furring or studs except as noted. See CSI section 09110-0000 for metal stud partitions.

09210-0001 One Skim Coat Gypsum Plaster On Walls (09210)

09210-0002	SF Skim Coat One Coat Gypsum Plaster On Walls	0.80	
	09MOD-0026 For Walls > 10' High, Add	0.07	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.11	
	09MOD-0028 For Horizontal Installation > 10' High, Add	0.21	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	0.22	
	09MOD-0030 For Columns Or Beams > 10' High, Add	0.32	
	09MOD-0038 For < 100, Add	0.35	
	09MOD-0039 For > 100 To 500, Add	0.18	
	09MOD-0040 For > 5000, Deduct	-0.14	
09210-0003	SF For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.59	
	09MOD-0026 For Walls > 10' High, Add	0.05	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.08	
	09MOD-0028 For Horizontal Installation > 10' High, Add	0.15	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	0.16	
	09MOD-0030 For Columns Or Beams > 10' High, Add	0.23	
	09MOD-0038 For < 100, Add	0.26	
	09MOD-0039 For > 100 To 500, Add	0.13	
	09MOD-0040 For > 5000, Deduct	-0.10	

09210-0004 Two Coats Gypsum Plaster On Walls (09210)

09210-0005	SF Smooth Finish Two Coats Gypsum Plaster On Walls	4.04	2.34
	09MOD-0026 For Walls > 10' High, Add	0.39	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.58	
	09MOD-0028 For Horizontal Installation > 10' High, Add	1.16	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	1.19	
	09MOD-0030 For Columns Or Beams > 10' High, Add	1.77	
	09MOD-0038 For < 100, Add	1.93	
	09MOD-0039 For > 100 To 500, Add	0.96	
	09MOD-0040 For > 5000, Deduct	-0.77	

09210-0006	SF Sand Aggregate Two Coats Gypsum Plaster On Walls	4.13	2.21
	09MOD-0026 For Walls > 10' High, Add	0.36	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.54	
	09MOD-0028 For Horizontal Installation > 10' High, Add	1.09	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	1.12	
	09MOD-0030 For Columns Or Beams > 10' High, Add	1.67	
	09MOD-0038 For < 100, Add	1.81	
	09MOD-0039 For > 100 To 500, Add	0.91	
	09MOD-0040 For > 5000, Deduct	-0.72	

09210-0007	SF Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	4.12	2.21
	09MOD-0026 For Walls > 10' High, Add	0.36	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.54	
	09MOD-0028 For Horizontal Installation > 10' High, Add	1.09	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	1.12	
	09MOD-0030 For Columns Or Beams > 10' High, Add	1.67	
	09MOD-0038 For < 100, Add	1.81	
	09MOD-0039 For > 100 To 500, Add	0.91	
	09MOD-0040 For > 5000, Deduct	-0.72	

09210-0008 Three Coats Gypsum Plaster On Walls (09210)

09210-0009	SF Smooth Finish Three Coats Gypsum Plaster On Walls	4.89	2.85
	09MOD-0026 For Walls > 10' High, Add	0.46	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.69	
	09MOD-0028 For Horizontal Installation > 10' High, Add	1.39	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	1.43	
	09MOD-0030 For Columns Or Beams > 10' High, Add	2.13	
	09MOD-0038 For < 100, Add	2.31	
	09MOD-0039 For > 100 To 500, Add	1.16	
	09MOD-0040 For > 5000, Deduct	-0.92	

09210-0010	SF Sand Aggregate Three Coats Gypsum Plaster On Walls	4.87	2.60
	09MOD-0026 For Walls > 10' High, Add	0.43	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.64	
	09MOD-0028 For Horizontal Installation > 10' High, Add	1.28	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	1.33	
	09MOD-0030 For Columns Or Beams > 10' High, Add	1.97	
	09MOD-0038 For < 100, Add	2.14	
	09MOD-0039 For > 100 To 500, Add	1.07	
	09MOD-0040 For > 5000, Deduct	-0.86	

09210-0011	SF Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	4.59	2.60
	09MOD-0026 For Walls > 10' High, Add	0.43	
	09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.64	
	09MOD-0028 For Horizontal Installation > 10' High, Add	1.28	
	09MOD-0029 For Columns Or Beams Up To 10' High, Add	1.32	
	09MOD-0030 For Columns Or Beams > 10' High, Add	1.96	
	09MOD-0038 For < 100, Add	2.13	
	09MOD-0039 For > 100 To 500, Add	1.06	
	09MOD-0040 For > 5000, Deduct	-0.85	

09210-0012 Keene's Cement Plaster, Quick Setting, White Hard Plaster (09210)

09000 Finishes

09200 Plaster and Gypsum Board

09210 Gypsum Plaster



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
			Note: Used for areas with higher than normal moisture.		
09210-0013	SF		1 Coat Keene's Cement Plaster On Walls	3.20	1.58
	09MOD-0026		For Walls > 10' High, Add	0.25	
	09MOD-0027		For Horizontal Installation Up To 10' High, Add	0.38	
	09MOD-0028		For Horizontal Installation > 10' High, Add	0.76	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	0.79	
	09MOD-0030		For Columns Or Beams > 10' High, Add	1.17	
	09MOD-0038		For < 100, Add	1.27	
	09MOD-0039		For > 100 To 500, Add	0.64	
	09MOD-0040		For > 5000, Deduct	-0.51	
09210-0014	SF		2 Coat Keene's Cement Plaster On Walls	4.84	2.46
	09MOD-0026		For Walls > 10' High, Add	0.40	
	09MOD-0027		For Horizontal Installation Up To 10' High, Add	0.60	
	09MOD-0028		For Horizontal Installation > 10' High, Add	1.20	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	1.24	
	09MOD-0030		For Columns Or Beams > 10' High, Add	1.84	
	09MOD-0038		For < 100, Add	2.01	
	09MOD-0039		For > 100 To 500, Add	1.00	
	09MOD-0040		For > 5000, Deduct	-0.80	
09210-0015	SF		3 Coat Keene's Cement Plaster On Walls	5.47	2.78
	09MOD-0026		For Walls > 10' High, Add	0.45	
	09MOD-0027		For Horizontal Installation Up To 10' High, Add	0.68	
	09MOD-0028		For Horizontal Installation > 10' High, Add	1.36	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	1.40	
	09MOD-0030		For Columns Or Beams > 10' High, Add	2.08	
	09MOD-0038		For < 100, Add	2.27	
	09MOD-0039		For > 100 To 500, Add	1.13	
	09MOD-0040		For > 5000, Deduct	-0.91	
09210-0016			Plaster Bonding Agent (09210)		
09210-0017	SF		1 Coat, Brush/Roller Plaster Bonding Agent	0.46	
	09MOD-0026		For Walls > 10' High, Add	0.04	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	0.11	
	09MOD-0030		For Columns Or Beams > 10' High, Add	0.17	
	09MOD-0031		For Ceiling Application Up To 10' High, Add	0.05	
	09MOD-0032		For Ceiling Application > 10' High, Add	0.09	
09220			Portland Cement Plaster (09200)		
			Note: All plastering excludes lath, furring or studs except as noted. See CSI section 09110-0000 for metal stud partitions.		
09220-0001			Cement Plaster (09220)		
			Note: Packaged product reinforced with fibers.		
09220-0002			Stucco (09220-0001)		
			Note: Excludes wall scaffolding or lifting equipment.		
09220-0003	SF		Three Coat Troweled Stucco, Scratch/Brown/Finish.....	6.09	1.96
			Note: Excludes lath and felt. Interior or exterior, one side.		
	09MOD-0026		For Walls > 10' High, Add	0.54	
	09MOD-0027		For Horizontal Installation Up To 10' High, Add	0.80	
	09MOD-0028		For Horizontal Installation > 10' High, Add	1.61	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	1.66	
	09MOD-0030		For Columns Or Beams > 10' High, Add	2.47	
	09MOD-0033		For Color Added To Finish Coat, Add	0.15	
	09MOD-0035		For Smooth Float Finish, Add	1.13	
	09MOD-0038		For < 100, Add	2.68	
	09MOD-0039		For > 100 To 500, Add	1.34	
	09MOD-0040		For > 5000, Deduct	-1.07	
09220-0004	SF		Two Coat Troweled Stucco, Scratch/Brown.....	2.60	0.95
			Note: Excludes lath and felt. Interior or exterior, one side.		
	09MOD-0026		For Walls > 10' High, Add	0.20	
	09MOD-0027		For Horizontal Installation Up To 10' High, Add	0.29	
	09MOD-0028		For Horizontal Installation > 10' High, Add	0.59	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	0.61	
	09MOD-0030		For Columns Or Beams > 10' High, Add	0.90	
	09MOD-0038		For < 100, Add	0.98	
	09MOD-0039		For > 100 To 500, Add	0.49	
	09MOD-0040		For > 5000, Deduct	-0.39	
09220-0005	SF		Two Coat Troweled Stucco, Scratch/Finish	4.01	0.95
			Note: Excludes lath and felt. Interior or exterior, one side.		
	09MOD-0026		For Walls > 10' High, Add	0.35	
	09MOD-0027		For Horizontal Installation Up To 10' High, Add	0.52	
	09MOD-0028		For Horizontal Installation > 10' High, Add	1.04	
	09MOD-0029		For Columns Or Beams Up To 10' High, Add	1.08	
	09MOD-0030		For Columns Or Beams > 10' High, Add	1.60	
	09MOD-0034		For Color Added To Finish Coat, Add	0.15	
	09MOD-0036		For Smooth Float Finish, Add	0.96	
	09MOD-0038		For < 100, Add	1.74	
	09MOD-0039		For > 100 To 500, Add	0.87	
	09MOD-0040		For > 5000, Deduct	-0.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09220-0006 SF Finish Coat Troweled Stucco.....	2.63	0.63
Note: Excludes lath and felt. Interior or exterior, one side.		
09MOD-0026 For Walls > 10' High, Add	0.25	
09MOD-0027 For Horizontal Installation Up To 10' High, Add	0.38	
09MOD-0028 For Horizontal Installation > 10' High, Add	0.76	
09MOD-0029 For Columns Or Beams Up To 10' High, Add	0.79	
09MOD-0030 For Columns Or Beams > 10' High, Add	1.17	
09MOD-0034 For Color Added To Finish Coat, Add	0.15	
09MOD-0037 For Smooth Float Finish, Add	0.96	
09MOD-0038 For < 100, Add	1.27	
09MOD-0039 For > 100 To 500, Add	0.64	
09MOD-0040 For > 5000, Deduct	-0.51	

09250 Gypsum Board (09200)

09250-0001 Standard Gypsum Board Application (09250)

Note: Price includes gypsum board screwed on one face only, without finishing. Installed on walls, ceilings, beams, columns, soffits, recesses and chases, flat or curved surfaces. See CSI section 09250-0045 for finishing gypsum board, 09270-0001 for casing and corner bead, 09945-0011 for small repairs.

09250-0002 Standard Gypsum Board Application (09250-0001)

09250-0003 SF 1/4" Gypsum Board.....	0.72	0.26
09MOD-0026 For Walls > 10' High, Add	0.05	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.12	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.26	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.17	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.26	
09MOD-0054 For Walls > 10' High, Add	0.04	
09MOD-0055 For Up To 128, Add	0.30	
09MOD-0056 For > 128 To 320, Add	0.15	
09250-0004 SF 1/2" Gypsum Board.....	0.88	0.33
09MOD-0026 For Walls > 10' High, Add	0.07	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.16	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.34	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
09MOD-0051 For Foil Back Board, Add	0.10	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.23	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.34	
09MOD-0054 For Walls > 10' High, Add	0.05	
09MOD-0055 For Up To 128, Add	0.38	
09MOD-0056 For > 128 To 320, Add	0.19	
09250-0005 SF 5/8" Gypsum Board.....	1.03	0.38
09MOD-0026 For Walls > 10' High, Add	0.08	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.39	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
09MOD-0051 For Foil Back Board, Add	0.10	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.26	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.39	
09MOD-0054 For Walls > 10' High, Add	0.06	
09MOD-0055 For Up To 128, Add	0.44	
09MOD-0056 For > 128 To 320, Add	0.22	
09250-0006 SF 1/4" Gypsum Board, Two Layers.....	1.36	0.46
09MOD-0026 For Walls > 10' High, Add	0.09	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.22	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.47	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.11	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.32	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.47	
09MOD-0054 For Walls > 10' High, Add	0.07	
09MOD-0055 For Up To 128, Add	0.55	
09MOD-0056 For > 128 To 320, Add	0.28	
09250-0007 SF 1/2" Gypsum Board, Two Layers.....	1.63	0.60
09MOD-0026 For Walls > 10' High, Add	0.12	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.28	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.60	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.12	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.41	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.60	
09MOD-0054 For Walls > 10' High, Add	0.10	
09MOD-0055 For Up To 128, Add	0.69	
09MOD-0056 For > 128 To 320, Add	0.34	
09250-0008 SF 5/8" Gypsum Board, Two Layers.....	1.90	0.69
09MOD-0026 For Walls > 10' High, Add	0.14	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.32	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.69	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.13	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.47	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.69	
09MOD-0054 For Walls > 10' High, Add	0.11	
09MOD-0055 For Up To 128, Add	0.79	
09MOD-0056 For > 128 To 320, Add	0.40	

09250-0009 Fire Rated Gypsum Board Application (09250-0001)

09000 Finishes
09200 Plaster and Gypsum Board
09250 Gypsum Board



MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI UOM			
09250-0010	Type X, Fire Rated Gypsum Board <small>(09250-0009)</small>		
09250-0011	SF 5/8" Type X Fire Rated Gypsum Board.....	1.11	0.38
	09MOD-0026 For Walls > 10' High, Add	0.09	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.20	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.43	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0051 For Foil Back Board, Add	0.10	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.29	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.43	
	09MOD-0054 For Walls > 10' High, Add	0.07	
	09MOD-0055 For Up To 128, Add	0.48	
	09MOD-0056 For > 128 To 320, Add	0.24	
09250-0012	SF 5/8" Type X Fire Rated Gypsum Board, Two Layers	2.04	0.38
	09MOD-0026 For Walls > 10' High, Add	0.15	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.35	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.76	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.14	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.52	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.76	
	09MOD-0054 For Walls > 10' High, Add	0.12	
	09MOD-0055 For Up To 128, Add	0.86	
	09MOD-0056 For > 128 To 320, Add	0.43	
09250-0013	Type C, Fire Rated Gypsum Board <small>(09250-0009)</small>		
09250-0014	SF 1/2" Type C Fire Rated Gypsum Board.....	1.01	0.33
	09MOD-0026 For Walls > 10' High, Add	0.07	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.17	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.37	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0051 For Foil Back Board, Add	0.10	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.25	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.37	
	09MOD-0054 For Walls > 10' High, Add	0.06	
	09MOD-0055 For Up To 128, Add	0.42	
	09MOD-0056 For > 128 To 320, Add	0.21	
09250-0015	SF 5/8" Type C Fire Rated Gypsum Board.....	1.14	0.38
	09MOD-0026 For Walls > 10' High, Add	0.09	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.20	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.43	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0051 For Foil Back Board, Add	0.10	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.29	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.43	
	09MOD-0054 For Walls > 10' High, Add	0.07	
	09MOD-0055 For Up To 128, Add	0.48	
	09MOD-0056 For > 128 To 320, Add	0.24	
09250-0016	SF 1/2" Type C Fire Rated Gypsum Board, Two Layers	1.86	0.33
	09MOD-0026 For Walls > 10' High, Add	0.13	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.66	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.13	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.45	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.66	
	09MOD-0054 For Walls > 10' High, Add	0.11	
	09MOD-0055 For Up To 128, Add	0.77	
	09MOD-0056 For > 128 To 320, Add	0.38	
09250-0017	SF 5/8" Type C Fire Rated Gypsum Board, Two Layers	2.09	0.38
	09MOD-0026 For Walls > 10' High, Add	0.15	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.76	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.14	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.52	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.76	
	09MOD-0054 For Walls > 10' High, Add	0.12	
	09MOD-0055 For Up To 128, Add	0.87	
	09MOD-0056 For > 128 To 320, Add	0.44	
09250-0018	Moisture Resistant Gypsum Board Application <small>(09250-0001)</small>		
	Note: Water-resistant gypsum core.		
09250-0019	SF 1/2" Moisture Resistant Gypsum Board	0.95	0.33
	09MOD-0026 For Walls > 10' High, Add	0.07	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.16	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.34	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.23	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.34	
	09MOD-0054 For Walls > 10' High, Add	0.05	
	09MOD-0055 For Up To 128, Add	0.39	
	09MOD-0056 For > 128 To 320, Add	0.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09250-0020 SF 5/8" Moisture Resistant Gypsum Board	1.21	0.33
09MOD-0026 For Walls > 10' High, Add	0.08	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.39	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.26	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.39	
09MOD-0054 For Walls > 10' High, Add	0.06	
09MOD-0055 For Up To 128, Add	0.47	
09MOD-0056 For > 128 To 320, Add	0.24	
09250-0021 Vinyl Faced Gypsum Board Application (09250-0001)		
Note: All prefinished vinyl faced panels include, screws, edge grip clips and adhesive.		
09250-0022 SF 1/2" Prefinished, Vinyl Faced Gypsum Board	1.83	0.33
09MOD-0026 For Walls > 10' High, Add	0.07	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.17	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.34	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.23	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.34	
09MOD-0054 For Walls > 10' High, Add	0.05	
09MOD-0055 For Up To 128, Add	0.57	
09MOD-0056 For > 128 To 320, Add	0.28	
09250-0023 SF 5/8" Prefinished, Vinyl Faced Gypsum Board	1.93	0.38
09MOD-0026 For Walls > 10' High, Add	0.08	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.19	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.39	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.26	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.39	
09MOD-0054 For Walls > 10' High, Add	0.06	
09MOD-0055 For Up To 128, Add	0.62	
09MOD-0056 For > 128 To 320, Add	0.31	
09250-0024 SF 1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	2.10	0.33
09MOD-0026 For Walls > 10' High, Add	0.07	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.37	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.25	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.37	
09MOD-0054 For Walls > 10' High, Add	0.06	
09MOD-0055 For Up To 128, Add	0.64	
09MOD-0056 For > 128 To 320, Add	0.32	
09250-0025 SF 5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	3.09	0.38
09MOD-0026 For Walls > 10' High, Add	0.09	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.22	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.43	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.29	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.43	
09MOD-0054 For Walls > 10' High, Add	0.07	
09MOD-0055 For Up To 128, Add	0.87	
09MOD-0056 For > 128 To 320, Add	0.44	
09250-0026 Moisture And Mold Resistant Gypsum Board Application (09250-0001)		
09250-0027 SF 1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.09	0.32
09MOD-0026 For Walls > 10' High, Add	0.07	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.16	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.34	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.09	
09MOD-0044 For Non-reinforced Board, Deduct	-0.08	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.23	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.34	
09MOD-0054 For Walls > 10' High, Add	0.05	
09MOD-0055 For Up To 128, Add	0.42	
09MOD-0056 For > 128 To 320, Add	0.21	
09250-0028 SF 5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.28	0.36
09MOD-0026 For Walls > 10' High, Add	0.08	
09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.39	
09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
09MOD-0044 For Non-reinforced Board, Deduct	-0.08	
09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.26	
09MOD-0053 For Horizontal Installation > 10' High, Add	0.39	
09MOD-0054 For Walls > 10' High, Add	0.06	
09MOD-0055 For Up To 128, Add	0.49	
09MOD-0056 For > 128 To 320, Add	0.24	

09000 Finishes

09200 Plaster and Gypsum Board

09250 Gypsum Board



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09250-0029	SF	1/2"	Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.28	0.32
	09MOD-0026		For Walls > 10' High, Add	0.07	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.37	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.25	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.37	
	09MOD-0054		For Walls > 10' High, Add	0.06	
	09MOD-0055		For Up To 128, Add	0.48	
	09MOD-0056		For > 128 To 320, Add	0.24	
09250-0030	SF	5/8"	Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.43	0.36
	09MOD-0026		For Walls > 10' High, Add	0.09	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.20	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.43	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.29	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.43	
	09MOD-0054		For Walls > 10' High, Add	0.07	
	09MOD-0055		For Up To 128, Add	0.54	
	09MOD-0056		For > 128 To 320, Add	0.27	
09250-0031			Hi-Impact Gypsum Board <small>(09250-0001)</small>		
			Note: Abrasion, impact and penetration resistant.		
09250-0032	SF	0.01"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.00	0.36
	09MOD-0026		For Walls > 10' High, Add	0.08	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.19	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.38	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.26	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.38	
	09MOD-0054		For Walls > 10' High, Add	0.06	
	09MOD-0055		For Up To 128, Add	0.63	
	09MOD-0056		For > 128 To 320, Add	0.31	
09250-0033	SF	0.02"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.36	0.36
	09MOD-0026		For Walls > 10' High, Add	0.08	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.19	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.38	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.26	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.38	
	09MOD-0054		For Walls > 10' High, Add	0.06	
	09MOD-0055		For Up To 128, Add	0.70	
	09MOD-0056		For > 128 To 320, Add	0.35	
09250-0034	SF	0.03"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.72	0.36
	09MOD-0026		For Walls > 10' High, Add	0.08	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.19	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.38	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.26	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.38	
	09MOD-0054		For Walls > 10' High, Add	0.06	
	09MOD-0055		For Up To 128, Add	0.77	
	09MOD-0056		For > 128 To 320, Add	0.39	
09250-0035	SF	0.08"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	4.89	0.36
	09MOD-0026		For Walls > 10' High, Add	0.08	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.22	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.38	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.26	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.38	
	09MOD-0054		For Walls > 10' High, Add	0.06	
	09MOD-0055		For Up To 128, Add	1.21	
	09MOD-0056		For > 128 To 320, Add	0.60	
09250-0036			Hi-Abuse Gypsum Board <small>(09250-0001)</small>		
			Note: Surface indentation, impact, abrasion and moisture/mold/mildew resistant.		
09250-0037	SF	5/8"	Fire Rated, Hi-Abuse Gypsum Board	1.30	0.36
	09MOD-0026		For Walls > 10' High, Add	0.08	
	09MOD-0041		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.18	
	09MOD-0042		For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.38	
	09MOD-0043		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052		For Horizontal Installation Up To 10' High, Add	0.26	
	09MOD-0053		For Horizontal Installation > 10' High, Add	0.38	
	09MOD-0054		For Walls > 10' High, Add	0.06	
	09MOD-0055		For Up To 128, Add	0.49	
	09MOD-0056		For > 128 To 320, Add	0.24	
09250-0038			Soundproof Gypsum Board <small>(09250-0001)</small>		
			Note: Minimum STC rating for 1/2" board is 49 and 5/8" board is 51.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09250-0039	SF 1/2" Soundproof Gypsum Board.....	2.51	0.38
	09MOD-0026 For Walls > 10' High, Add	0.08	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.20	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.39	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.27	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.39	
	09MOD-0054 For Walls > 10' High, Add	0.06	
	09MOD-0055 For Up To 128, Add	0.74	
	09MOD-0056 For > 128 To 320, Add	0.37	
09250-0040	SF 5/8" Soundproof Gypsum Board.....	3.12	0.38
	09MOD-0026 For Walls > 10' High, Add	0.08	
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.20	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.39	
	09MOD-0043 For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	0.10	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.27	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.39	
	09MOD-0054 For Walls > 10' High, Add	0.06	
	09MOD-0055 For Up To 128, Add	0.86	
	09MOD-0056 For > 128 To 320, Add	0.43	
09250-0041	Shaft Wall And Sound Board (09250)		
	Note: Excludes studs or wall structure. See CSI section 09250-0045 for finishing drywall.		
09250-0042	SF 3/4" Fire Rated Shaft Wall Assembly.....	4.41	1.61
	Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board		
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	1.61	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	1.09	
	09MOD-0053 For Horizontal Installation > 10' High, Add	1.61	
	09MOD-0054 For Walls > 10' High, Add	0.26	
	09MOD-0055 For Up To 128, Add	1.85	
	09MOD-0056 For > 128 To 320, Add	0.92	
09250-0043	SF 7/8" Fire Rated Shaft Wall Assembly.....	5.07	1.94
	Note: 1/4" Thick Fiber-Cement Board With Tapered Edges Over 5/8" Thick Type "X" Gypsum Board		
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.90	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	1.93	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	1.31	
	09MOD-0053 For Horizontal Installation > 10' High, Add	1.93	
	09MOD-0054 For Walls > 10' High, Add	0.31	
	09MOD-0055 For Up To 128, Add	2.17	
	09MOD-0056 For > 128 To 320, Add	1.09	
09250-0044	SF 1/4" Sound Deadening Board.....	0.92	0.32
	09MOD-0041 For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.14	
	09MOD-0042 For Times When The Shortest Distance From Corner to Corner Is < 3', Add	0.29	
	09MOD-0052 For Horizontal Installation Up To 10' High, Add	0.20	
	09MOD-0053 For Horizontal Installation > 10' High, Add	0.29	
	09MOD-0054 For Walls > 10' High, Add	0.05	
	09MOD-0055 For Up To 128, Add	0.36	
	09MOD-0056 For > 128 To 320, Add	0.18	
09250-0045	Finishing Gypsum Board Applications (09250)		
	Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
09250-0046	Finish Gypsum Board Walls, ASTM C840 Level 4 (09250-0045)		
09250-0047	SF Tape, Spackle And Finish Gypsum Board Walls Up To 10' High.....	0.47	
	09MOD-0045 For Up To 128, Add	0.18	
	09MOD-0046 For > 128 To 320, Add	0.11	
	09MOD-0047 For ASTM C840 Level 1 Finish, Deduct	-0.22	
	09MOD-0048 For ASTM C840 Level 2 Finish, Deduct	-0.11	
	09MOD-0049 For ASTM C840 Level 3 Finish, Deduct	-0.04	
	09MOD-0050 For ASTM C840 Level 5 High Quality Finish, Add	0.28	
09250-0048	SF Tape, Spackle And Finish Gypsum Board Walls > 10' High.....	0.62	
	09MOD-0045 For Up To 128, Add	0.24	
	09MOD-0046 For > 128 To 320, Add	0.15	
	09MOD-0047 For ASTM C840 Level 1 Finish, Deduct	-0.30	
	09MOD-0048 For ASTM C840 Level 2 Finish, Deduct	-0.15	
	09MOD-0049 For ASTM C840 Level 3 Finish, Deduct	-0.06	
	09MOD-0050 For ASTM C840 Level 5 High Quality Finish, Add	0.37	
09250-0049	Finish Gypsum Board Ceilings, ASTM C840 Level 4 (09250-0045)		

09000 Finishes
09200 Plaster and Gypsum Board
09250 Gypsum Board



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09250-0050	SF	Tape, Spackle And Finish Gypsum Board Ceilings Up To 10' High.....	0.59	
	09MOD-0045	For Up To 128, Add	0.23	
	09MOD-0046	For > 128 To 320, Add	0.14	
	09MOD-0047	For ASTM C840 Level 1 Finish, Deduct	-0.28	
	09MOD-0048	For ASTM C840 Level 2 Finish, Deduct	-0.14	
	09MOD-0049	For ASTM C840 Level 3 Finish, Deduct	-0.06	
	09MOD-0050	For ASTM C840 Level 5 High Quality Finish, Add	0.35	
09250-0051	SF	Tape, Spackle And Finish Gypsum Board Ceilings > 10' High.....	0.74	
	09MOD-0045	For Up To 128, Add	0.29	
	09MOD-0046	For > 128 To 320, Add	0.18	
	09MOD-0047	For ASTM C840 Level 1 Finish, Deduct	-0.36	
	09MOD-0048	For ASTM C840 Level 2 Finish, Deduct	-0.18	
	09MOD-0049	For ASTM C840 Level 3 Finish, Deduct	-0.07	
	09MOD-0050	For ASTM C840 Level 5 High Quality Finish, Add	0.44	
09250-0052		Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 (09250-0045)		
		Note: Inside or outside gypsum board corners.		
09250-0053	LF	Tape, Spackle And Finish Gypsum Board Vertical Corners Up To 10' High.....	0.96	
	09MOD-0047	For ASTM C840 Level 1 Finish, Deduct	-0.44	
	09MOD-0048	For ASTM C840 Level 2 Finish, Deduct	-0.22	
	09MOD-0049	For ASTM C840 Level 3 Finish, Deduct	-0.09	
	09MOD-0050	For ASTM C840 Level 5 High Quality Finish, Add	0.58	
09250-0054	LF	Tape, Spackle And Finish Gypsum Board Vertical Corners > 10' High.....	1.14	
	09MOD-0047	For ASTM C840 Level 1 Finish, Deduct	-0.53	
	09MOD-0048	For ASTM C840 Level 2 Finish, Deduct	-0.27	
	09MOD-0049	For ASTM C840 Level 3 Finish, Deduct	-0.11	
	09MOD-0050	For ASTM C840 Level 5 High Quality Finish, Add	0.68	
09250-0055		Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 (09250-0045)		
		Note: Inside or outside gypsum board corners.		
09250-0056	LF	Tape, Spackle And Finish Gypsum Board Horizontal Corners Up To 10' High.....	1.11	
	09MOD-0047	For ASTM C840 Level 1 Finish, Deduct	-0.52	
	09MOD-0048	For ASTM C840 Level 2 Finish, Deduct	-0.26	
	09MOD-0049	For ASTM C840 Level 3 Finish, Deduct	-0.10	
	09MOD-0050	For ASTM C840 Level 5 High Quality Finish, Add	0.67	
09250-0057	LF	Tape, Spackle And Finish Gypsum Board Horizontal Corners > 10' High.....	1.32	
	09MOD-0047	For ASTM C840 Level 1 Finish, Deduct	-0.62	
	09MOD-0048	For ASTM C840 Level 2 Finish, Deduct	-0.31	
	09MOD-0049	For ASTM C840 Level 3 Finish, Deduct	-0.13	
	09MOD-0050	For ASTM C840 Level 5 High Quality Finish, Add	0.79	
09250-0058		Textured Finishes For Gypsum Board (09250-0045)		
09250-0059	SF	"Popcorn" Spray Applied, Finish On Existing Gypsum Board Ceiling.....	0.25	
09250-0060	SF	Textured Finish On Existing Gypsum Board Ceiling.....	0.47	
		Note: For non spray applied textures.		
09250-0061	SF	Spray Applied Orange Peel Finish On Existing Gypsum Board Wall.....	0.23	
09250-0062	SF	Spray Applied Knockdown Or Skip Trowel Finish On Existing Gypsum Board Wall.....	0.29	
09270 Gypsum Board Accessories (09200)				
09270-0001		Casing And Corner Beads (09270)		
09270-0002	LF	Casing, J-Bead For Gypsum Board.....	2.37	0.64
09270-0003	LF	Corner Bead, Galvanized Metal For Gypsum Board.....	2.23	0.64
09270-0004		Architectural Forms (09270)		
09270-0005	SF	1" Architectural Foam Forms For Gypsum Board Cover.....	2.91	
09270-0006		Prefomed Architectural Profiles (09270)		
09270-0007		Trim Reveals (09270-0006)		
09270-0008	LF	1/8" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.38	0.78
09270-0009	LF	1/4" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.39	0.78
09270-0010	LF	3/8" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.44	0.78
09270-0011	LF	1/2" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.47	0.78
09270-0012	LF	5/8" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.53	0.78
09270-0013	LF	3/4" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.60	0.78
09270-0014	LF	1" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.66	0.78
09270-0015	LF	1 1/2" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.87	0.78
09270-0016	LF	2" x 1/2" Aluminum Extrusions, Trim Reveal, Single Fin.....	3.07	0.78
09270-0017	LF	1/8" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.47	0.84
09270-0018	LF	1/4" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.47	0.84
09270-0019	LF	3/8" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.61	0.84
09270-0020	LF	1/2" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.64	0.84
09270-0021	LF	5/8" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.73	0.84
09270-0022	LF	3/4" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.77	0.84
09270-0023	LF	1" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	2.82	0.84
09270-0024	LF	1-1/2" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	3.05	0.84



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09270-0025	LF	2" x 5/8" Aluminum Extrusions, Trim Reveal, Single Fin.....	3.28	0.84
09270-0026	LF	3" x 5/8", Soffforms Aluminum Extrusions, Trim Reveal	4.34	0.97
09270-0027	LF	4" x 5/8", Soffforms Aluminum Extrusions, Trim Reveal	4.72	0.97
09270-0028		Edge Trim (09270-0006)		
09270-0029	LF	1/2" Aluminum Extrusions, Edge Trim	2.27	0.81
09270-0030	LF	5/8" Aluminum Extrusions, Edge Trim	2.38	0.81
09270-0031	LF	1" Aluminum Extrusions, Edge Trim	2.72	0.89
09270-0032	LF	1-1/4" Aluminum Extrusions, Edge Trim	2.88	0.97
09270-0033	LF	1/2" Flexible Aluminum Extrusions, Edge Trim	3.55	0.81
09270-0034	LF	5/8" Flexible Aluminum Extrusions, Edge Trim	3.65	0.81
09270-0035	LF	1" Flexible Aluminum Extrusions, Edge Trim	4.00	0.89
09270-0036	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim.....	4.16	0.97
09270-0037		Bevel Trim (09270-0006)		
09270-0038	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim.....	2.38	0.81
09270-0039	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim.....	2.69	0.89
09270-0040		Trim/Wainscot Cap (09270-0006)		
09270-0041	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap, /LF	3.10	0.97
09270-0042		Single Fin Wall/Trim Reveals (09270-0006)		
09270-0043	LF	1/8" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin.....	2.04	0.51
09270-0044	LF	1/4" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin.....	2.13	0.57
09270-0045	LF	3/8" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin.....	2.46	0.64
09270-0046	LF	1/2" x 1/2" Aluminum Extrusions, Wall Reveal, Single Fin.....	2.63	0.71
09270-0047	LF	5/8" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.79	0.78
09270-0048	LF	3/4" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.83	0.78
09270-0049	LF	1" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.94	0.78
09270-0050	LF	1 1/2" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.16	0.78
09270-0051	LF	2" x 1/2" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.24	0.78
09270-0052	LF	1/8" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.73	0.84
09270-0053	LF	1/4" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.76	0.84
09270-0054	LF	3/8" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.90	0.84
09270-0055	LF	1/2" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	2.96	0.84
09270-0056	LF	5/8" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.01	0.84
09270-0057	LF	3/4" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.07	0.84
09270-0058	LF	1" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.16	0.84
09270-0059	LF	1 1/2" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.39	0.84
09270-0060	LF	2" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	3.59	0.84
09270-0061	LF	3" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	4.20	0.84
09270-0062	LF	4" x 5/8" Aluminum Extrusions, Wall/Trim Reveal, Single Fin.....	5.37	0.84
09270-0063	LF	3 1/16" x 7/16", Aluminum Extrusions, Wall Base, Single Fin.....	3.97	0.84
09270-0064	LF	3 1/16" x 9/16", Aluminum Extrusions, Wall Base, Single Fin.....	4.07	0.84
09270-0065	LF	4 1/16" x 7/16", Aluminum Extrusions, Wall Base, Single Fin.....	4.42	0.84
09270-0066	LF	4 1/16" x 9/16", Aluminum Extrusions, Wall Base, Single Fin.....	4.45	0.84
09270-0067	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Wall Base with Reveal, Single Fin.....	4.95	0.84
09270-0068	LF	5/8" Aluminum Extrusions, Wall/Trim Reveal Hanging Trim Reveal Hanging Track, Single Fin.....	4.21	0.84
09270-0069		'V' Groove Wall Reveals (09270-0006)		
09270-0070	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal	3.51	1.16
09270-0071	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal	4.05	1.29
09270-0072	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal	4.63	1.54
09270-0073	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal	4.82	1.67
09270-0074		Double Fin Wall Reveals (09270-0006)		
09270-0075	LF	3/8" x 3/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	2.99	0.78
09270-0076	LF	1/8" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.02	0.78
09270-0077	LF	1/4" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.04	0.78
09270-0078	LF	3/8" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.04	0.78
09270-0079	LF	1/2" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.16	0.78
09270-0080	LF	5/8" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.21	0.77
09270-0081	LF	3/4" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.26	0.78
09270-0082	LF	1" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.38	0.78
09270-0083	LF	1 1/2" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.57	0.78
09270-0084	LF	2" x 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.77	0.78
09270-0085	LF	3/8" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.18	0.84
09270-0086	LF	1/4" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.20	0.84
09270-0087	LF	3/8" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.25	0.84
09270-0088	LF	1/2" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.37	0.84
09270-0089	LF	5/8" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.42	0.84
09270-0090	LF	3/4" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.46	0.84
09270-0091	LF	1" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.59	0.84
09270-0092	LF	1 1/2" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.79	0.84

09000 Finishes

09200 Plaster and Gypsum Board

09270 Gypsum Board Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09270-0093	LF	2" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	3.99	0.84
09270-0094	LF	3" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	4.54	0.84
09270-0095	LF	4" x 5/8" Aluminum Extrusions, Wall Reveal, Double Fin.....	5.69	0.84
09270-0096	LF	1 1/2" x 1" Aluminum Extrusions, Wall Reveal, Double Fin.....	5.27	0.92
09270-0097	LF	3/4" x 1 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	6.08	1.12
09270-0098	LF	1 1/2" x 1 1/2" Aluminum Extrusions, Wall Reveal, Double Fin.....	6.25	1.12
09270-0099	LF	1/2", Aluminum Extrusions, Hanging Track Wall Reveal, Double Fin.....	4.74	0.77
09270-0100	LF	1 3/16", Aluminum Extrusions, Hanging Track Wall Reveal, Double Fin.....	4.79	1.12
09270-0101	LF	1/4" Aluminum Extrusions, Wall Covering Joiner, Double Fin.....	3.41	0.77
09270-0102		Special Conditions Reveals (09270-0006)		
09270-0103		Radius Conditions (09270-0102)		
09270-0104	EA	8' Long Inside Radius..... Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09270-0105	EA	8' Long Outside Radius..... Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09270-0106	EA	8' Long Circular / Arched Radius Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09270-0107		Knee Brace Kit (09270-0102)		
09270-0108	EA	46" H, Aluminum Extrusions, Knee Brace Kit.....	77.38	8.04
09270-0109		Wall Bumper Rail (09270-0102)		
09270-0110	LF	2 1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail.....	12.82	3.21
09270-0111		Corners (09270-0006)		
09270-0112	LF	1/2"R, Aluminum Extrusions, Outside Corner.....	2.83	0.78
09270-0113	LF	5/8"R, Aluminum Extrusions, Outside Corner.....	3.02	0.84
09270-0114	LF	3/4"R, Aluminum Extrusions, Outside Corner.....	3.31	0.88
09270-0115	LF	1"R, Aluminum Extrusions, Outside Corner.....	3.62	0.92
09270-0116	LF	1 1/2"R, Aluminum Extrusions, Outside Corner.....	4.41	1.12
09270-0117	LF	2"R, Aluminum Extrusions, Outside Corner.....	5.07	1.26
09270-0118	LF	2 1/2"R, Aluminum Extrusions, Outside Corner.....	6.06	1.44
09270-0119	LF	3"R, Aluminum Extrusions, Outside Corner.....	7.31	1.67
09270-0120	LF	4"R, Aluminum Extrusions, Outside Corner.....	9.96	2.24
09270-0121	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner.....	2.79	0.75
09270-0122	LF	90 Degree 1 1/4" Aluminum Extrusions, Hi-Strength Corner.....	4.78	1.01
09270-0123	LF	90 Degree 1 1/4" Aluminum Extrusions, Fabric Tuck Corner.....	3.72	1.01
09270-0124	LF	90 Degree 1 1/4" Aluminum Extrusions, Corner With Vertical Reveal.....	5.90	1.01
09270-0125	LF	45 Degree 2" Aluminum Extrusions, Corner.....	8.21	1.26
09270-0126	LF	60 Degree 2" Aluminum Extrusions, Corner.....	7.93	1.26
09270-0127	LF	3/4" Aluminum Extrusions, Chamfered Corner.....	2.89	0.88
09270-0128	LF	5/8"R, Aluminum Extrusions, Corners Return.....	2.86	0.84
09270-0129	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step.....	2.81	0.78
09270-0130	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step.....	2.97	0.84
09270-0131	LF	1" x 1" Aluminum Extrusions, Double Corner Step.....	3.79	0.92
09270-0132	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step.....	3.31	0.78
09270-0133	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step.....	3.51	0.84
09270-0134	LF	1" x 1" Aluminum Extrusions, Triple Corner Step.....	4.83	0.92
09270-0135	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step.....	5.10	0.78
09270-0136	LF	3" Aluminum Extrusions, Bullnose.....	9.11	1.67
09270-0137	LF	3 7/8" Aluminum Extrusions, Bullnose.....	9.62	1.67
09270-0138	LF	5 3/8", Aluminum Extrusions, Bullnose.....	17.48	2.79
09270-0139	LF	7 3/8", Aluminum Extrusions, Bullnose.....	28.35	3.96
09270-0140	LF	3/4"R, Aluminum Extrusions, Inside Corner.....	3.31	0.86
09270-0141	LF	1"R, Aluminum Extrusions, Inside Corner.....	3.70	0.90
09270-0142	LF	1 1/2"R, Aluminum Extrusions, Inside Corner.....	4.47	1.10
09270-0143	LF	2"R, Aluminum Extrusions, Inside Corner.....	5.38	1.24
09270-0144	LF	2 1/2"R, Aluminum Extrusions, Inside Corner.....	7.27	1.42
09270-0145	LF	3"R, Aluminum Extrusions, Inside Corner.....	7.99	1.65
09270-0146	LF	4"R, Aluminum Extrusions, Inside Corner.....	9.40	2.21
09270-0147	LF	3 5/8", Aluminum Extrusions, Aluminum Wall Caps.....	6.23	1.65
09270-0148	LF	3 7/8", Aluminum Extrusions, Aluminum Wall Caps.....	6.30	1.65
09270-0149	LF	4 3/4", Aluminum Extrusions, Aluminum Wall Caps.....	6.71	1.65
09270-0150	LF	5", Aluminum Extrusions, Aluminum Wall Caps.....	6.83	1.65

09300 Tile (09000)

09305 Tile Setting Materials and Accessories (09300)

Note: Tile setting methods in this section are used with tasks in "Floor, Wall, Ceiling And Trim Tile" Section, as applicable, for a complete installation.

09305-0001 Setting Methods (09305)

Note: All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09305-0002	SF Thin-Set - Latex Portland Cement Mortar	1.06	0.59
	09MOD-0057 For Up To 50, Add	0.93	
	09MOD-0058 For > 50 To 250, Add	0.18	
	09MOD-0059 For > 1000, Deduct	-0.09	
09305-0003	SF Chemical Resistant Thin-Set - Epoxy and Furan Resin Mortar.....	3.12	0.77
	09MOD-0057 For Up To 50, Add	1.67	
	09MOD-0058 For > 50 To 250, Add	0.24	
	09MOD-0059 For > 1000, Deduct	-0.12	
09305-0004	SF 3/4" Minimum Thickness Portland Cement Mortar Setting Bed	2.96	1.18
	Note: For residential floors. Includes 15# felt and wire reinforcement.		
	09MOD-0057 For Up To 50, Add	2.07	
	09MOD-0058 For > 50 To 250, Add	0.35	
	09MOD-0059 For > 1000, Deduct	-0.18	
	09MOD-0060 For Exterior Installation (Galvanized Reinforcement), Add	0.15	
09305-0005	SF 1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	4.09	1.58
	Note: For commercial floors. Includes 15# felt and wire reinforcement.		
	09MOD-0057 For Up To 50, Add	2.79	
	09MOD-0058 For > 50 To 250, Add	0.47	
	09MOD-0059 For > 1000, Deduct	-0.24	
	09MOD-0060 For Exterior Installation (Galvanized Reinforcement), Add	0.15	
09305-0006	SF 3/4" Portland Cement Plaster Scratch Coat for Walls.....	8.18	3.54
	Note: Includes 15# felt and expanded metal lath.		
	09MOD-0057 For Up To 50, Add	7.36	
	09MOD-0058 For > 50 To 250, Add	1.42	
	09MOD-0059 For > 1000, Deduct	-0.71	
	09MOD-0060 For Exterior Installation (Galvanized Reinforcement), Add	0.15	
	09MOD-0061 For Installation Without Felt And Metal Lath, Deduct	-1.68	
09305-0007	SF Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.56	0.59
	09MOD-0057 For Up To 50, Add	0.66	
	09MOD-0058 For > 50 To 250, Add	0.11	
	09MOD-0059 For > 1000, Deduct	-0.06	
09305-0008	Cementitious Backer Units <small>(09305)</small>		
	Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09305-0009	SF 1/4" Cementitious Backer Units For Installation On Floors	2.63	0.40
	09MOD-0057 For Up To 50, Add	1.87	
	09MOD-0058 For > 50 To 250, Add	0.32	
	09MOD-0059 For > 1000, Deduct	-0.16	
	09MOD-0062 For Installation On Wall, Add	0.32	
	09MOD-0063 For Installation On Ceiling, Add	0.81	
09305-0010	SF 1/2" Cementitious Backer Units For Installation On Floors	3.04	0.48
	09MOD-0057 For Up To 50, Add	2.22	
	09MOD-0058 For > 50 To 250, Add	0.39	
	09MOD-0059 For > 1000, Deduct	-0.19	
	09MOD-0062 For Installation On Wall, Add	0.39	
	09MOD-0063 For Installation On Ceiling, Add	0.97	
09310	Floor, Wall, Ceiling and Trim Tile <small>(09300)</small>		
	Note: Tiles in this section are installed using the setting methods in "Tile Setting Materials and Accessories" section as applicable. All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, grout sealants, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint.		
09310-0001	Floor Tile <small>(09310)</small>		
09310-0002	SF Less Than 8" x 8" Mounted Floor Tile.....	7.65	1.77
	Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
	09MOD-0064 For Up To 50, Add	4.57	
	09MOD-0065 For > 50 To 250, Add	0.71	
	09MOD-0066 For > 1000, Deduct	-0.35	
	09MOD-0067 For Chemical Resistant Epoxy Grout, Add	0.83	
	09MOD-0068 For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09310-0003	SF 8" x 8" And Larger Unmounted Floor Tile	8.53	1.10
	Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
	09MOD-0064 For Up To 50, Add	5.45	
	09MOD-0065 For > 50 To 250, Add	0.88	
	09MOD-0066 For > 1000, Deduct	-0.44	
	09MOD-0067 For Chemical Resistant Epoxy Grout, Add	0.96	
	09MOD-0068 For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09310-0004	SF Unglazed Quarry Floor Tile.....	6.81	1.25
	Note: With or without embedded abrasive grit.		
	09MOD-0064 For Up To 50, Add	5.42	
	09MOD-0065 For > 50 To 250, Add	0.99	
	09MOD-0066 For > 1000, Deduct	-0.50	
	09MOD-0067 For Chemical Resistant Epoxy Grout, Add	1.04	
09310-0005	SF Glazed Quarry Floor Tile.....	12.56	1.25
	09MOD-0064 For Up To 50, Add	6.85	
	09MOD-0065 For > 50 To 250, Add	0.99	
	09MOD-0066 For > 1000, Deduct	-0.50	
	09MOD-0067 For Chemical Resistant Epoxy Grout, Add	1.04	

09000 Finishes

09300 Tile

09310 Floor, Wall, Ceiling and Trim Tile



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09310-0006	SF		Mounted Floor Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	6.13	1.77
			09MOD-0064 For Up To 50, Add	4.19	
			09MOD-0065 For > 50 To 250, Add	0.71	
			09MOD-0066 For > 1000, Deduct	-0.35	
09310-0007	SF		RegROUT Floor Tile Including Removal Of Loose Grout .....4.60		
09310-0008			Wall Tile (09310)		
09310-0009	SF		Less than 8" x 8" Mounted Wall Tile .....8.40 Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	8.40	2.15
			09MOD-0069 For Up To 50, Add	5.32	
			09MOD-0070 For > 50 To 250, Add	0.86	
			09MOD-0071 For > 1000, Deduct	-0.43	
			09MOD-0072 For Chemical Resistant Epoxy Grout, Add	0.94	
09310-0010	SF		8" x 8" And Larger Unmounted Wall Tile.....9.53 Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	9.53	1.36
			09MOD-0069 For Up To 50, Add	6.45	
			09MOD-0070 For > 50 To 250, Add	1.08	
			09MOD-0071 For > 1000, Deduct	-0.54	
			09MOD-0072 For Chemical Resistant Epoxy Grout, Add	1.11	
09310-0011	SF		Unglazed Quarry Wall Tile.....7.81 Note: With or without embedded abrasive grit.	7.81	1.48
			09MOD-0069 For Up To 50, Add	6.42	
			09MOD-0070 For > 50 To 250, Add	1.19	
			09MOD-0071 For > 1000, Deduct	-0.60	
			09MOD-0072 For Chemical Resistant Epoxy Grout, Add	1.19	
09310-0012	SF		Glazed Quarry Wall Tile.....13.56	13.56	1.48
			09MOD-0069 For Up To 50, Add	7.85	
			09MOD-0070 For > 50 To 250, Add	1.19	
			09MOD-0071 For > 1000, Deduct	-0.60	
			09MOD-0072 For Chemical Resistant Epoxy Grout, Add	1.19	
09310-0013	SF		Mounted Wall Tile, Residential Grade.....6.88 Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	6.88	2.15
			09MOD-0069 For Up To 50, Add	4.94	
			09MOD-0070 For > 50 To 250, Add	0.86	
			09MOD-0071 For > 1000, Deduct	-0.43	
09310-0014	SF		RegROUT Wall Tile Including Removal Of Loose Grout.....5.74		
09310-0015			Ceiling Tile (09310)		
09310-0016	SF		Less than 8" x 8" Mounted Ceiling Tile .....11.54 Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	11.54	3.72
			09MOD-0073 For Up To 50, Add	8.46	
			09MOD-0074 For > 50 To 250, Add	1.49	
			09MOD-0075 For > 1000, Deduct	-0.74	
			09MOD-0076 For Chemical Resistant Epoxy Grout, Add	1.41	
09310-0017	SF		8" x 8" And Larger Unmounted Ceiling Tile.....13.04 Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	13.04	2.23
			09MOD-0073 For Up To 50, Add	9.96	
			09MOD-0074 For > 50 To 250, Add	1.79	
			09MOD-0075 For > 1000, Deduct	-0.89	
			09MOD-0076 For Chemical Resistant Epoxy Grout, Add	1.64	
09310-0018			Cove Base Or Trim (09310)		
09310-0019	LF		Glazed Porcelain, Unglazed Porcelain And Glazed Ceramic Cove Base Or Trim .....10.30	10.30	1.55
			09MOD-0077 For Chemical Resistant Epoxy Grout, Add	1.13	
09310-0020	LF		Unglazed Quarry Tile Cove Base Or Trim .....9.45	9.45	1.64
			09MOD-0077 For Chemical Resistant Epoxy Grout, Add	1.18	
09310-0021	LF		Glazed Quarry Tile Cove Base Or Trim .....18.88	18.88	1.64
			09MOD-0077 For Chemical Resistant Epoxy Grout, Add	1.18	
09400 Terrazzo (09000)					
09410 Portland Cement Terrazzo (09400)					
			Note: Excludes divider strips. See CSI section 09430-0000 for conductive terrazzo.		
09410-0001 Portland Cement Flooring (09410)					
09410-0002 Floors Bonded To Concrete (09410-0001)					
			Note: 1-3/4" Thick - 5/8" topping		
09410-0003	SF		Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping .....16.51	16.51	1.88
			09MOD-0078 For Venetian Type Terrazzo, Add	4.41	
			09MOD-0079 For Abrasive Heavy Duty Terrazzo, Add	4.41	
			09MOD-0080 For Each LF Of Vinyl Plastic, Add	0.50	
			09MOD-0081 For Colors, Add	2.20	
			09MOD-0082 For Up To 100, Add	3.96	
			09MOD-0083 For > 100 To 250, Add	1.98	



Finishes 09000	09000
Terrazzo 09400	09400
Portland Cement Terrazzo 09410	09410

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09410-0004 SF Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	16.62	1.88
09MOD-0078 For Venetian Type Terrazzo, Add	4.46	
09MOD-0079 For Abrasive Heavy Duty Terrazzo, Add	4.46	
09MOD-0080 For Each LF Of Vinyl Plastic, Add	0.50	
09MOD-0081 For Colors, Add	2.23	
09MOD-0082 For Up To 100, Add	3.97	
09MOD-0083 For > 100 To 250, Add	1.99	
09410-0005 Floors Not Bonded To Concrete (09410-0001)		
Note: 3" Thick - 5/8" topping and 1/4" sand cushion		
09410-0006 SF Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion.....	20.71	1.88
09MOD-0078 For Venetian Type Terrazzo, Add	5.34	
09MOD-0079 For Abrasive Heavy Duty Terrazzo, Add	5.34	
09MOD-0080 For Each LF Of Vinyl Plastic, Add	0.50	
09MOD-0081 For Colors, Add	2.67	
09MOD-0082 For Up To 100, Add	5.08	
09MOD-0083 For > 100 To 250, Add	2.54	
09410-0007 SF Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	20.81	1.88
09MOD-0078 For Venetian Type Terrazzo, Add	5.39	
09MOD-0079 For Abrasive Heavy Duty Terrazzo, Add	5.39	
09MOD-0080 For Each LF Of Vinyl Plastic, Add	0.50	
09MOD-0081 For Colors, Add	2.70	
09MOD-0082 For Up To 100, Add	5.09	
09MOD-0083 For > 100 To 250, Add	2.55	
09410-0008 Monolithic Terrazzo (09410-0001)		
09410-0009 SF Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4'-5' Square Panels Topping (Including Mesh And Felt)	11.43	1.88
09MOD-0078 For Venetian Type Terrazzo, Add	3.89	
09MOD-0079 For Abrasive Heavy Duty Terrazzo, Add	3.89	
09MOD-0080 For Each LF Of Vinyl Plastic, Add	0.50	
09MOD-0081 For Colors, Add	1.95	
09MOD-0082 For Up To 100, Add	2.24	
09MOD-0083 For > 100 To 250, Add	1.12	
09410-0010 Terrazzo Wainscot (09410-0001)		
09410-0011 SF Terrazzo Wainscot Cast In Place 1-1/2" Thick Bonded To Concrete Or Masonry 1-1/2" Thick	22.39	2.50
09MOD-0078 For Venetian Type Terrazzo, Add	2.85	
09410-0012 Terrazzo Base (09410-0001)		
09410-0013 SF Terrazzo Base, Cast In Place, 6" Cove Type.....	21.49	1.63
09MOD-0078 For Venetian Type Terrazzo, Add	6.22	
09410-0014 Terrazzo Curb (09410-0001)		
09410-0015 LF 6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	52.78	10.85
09MOD-0078 For Venetian Type Terrazzo, Add	8.30	
09410-0016 Stairs Cast In Place (09410-0001)		
Note: Topping applied to concrete or metal.		
09410-0017 LF Cast In Place Terrazzo Stair, 1-1/2" Thick x 12" Wide, Applied To Concrete Or Metal.....	22.87	3.75
09MOD-0084 For Each SF Of Abrasive Surface Finish, Add	0.35	
09MOD-0085 For Each LF Of Embedded Abrasive Strips, Add	0.56	
09MOD-0086 For Each LF Of Abrasive Metal Nosing, Add	3.90	
09MOD-0087 For Each SF Of Landings, Add	1.50	
09410-0018 LF Cast In Place Terrazzo Stair Tread And Riser, Applied To Concrete Or Metal.....	57.22	12.52
09MOD-0084 For Each SF Of Abrasive Surface Finish, Add	0.35	
09MOD-0085 For Each LF Of Embedded Abrasive Strips, Add	0.56	
09MOD-0086 For Each LF Of Abrasive Metal Nosing, Add	3.90	
09MOD-0087 For Each SF Of Landings, Add	1.50	
09410-0019 SF Cast In Place Terrazzo Stair Stringer And Fascia, Applied To Concrete Or Metal	23.19	3.75
09MOD-0084 For Each SF Of Abrasive Surface Finish, Add	0.35	
09MOD-0085 For Each LF Of Embedded Abrasive Strips, Add	0.56	
09MOD-0086 For Each LF Of Abrasive Metal Nosing, Add	3.90	
09MOD-0087 For Each SF Of Landings, Add	1.50	
09410-0020 Divider Strips (09410-0001)		
09410-0021 LF Divider Strip, 14 Gauge, 1-1/4" Deep, Zinc.....	3.27	0.62
09410-0022 LF Divider Strip, 14 Gauge, 1-1/4" Deep, Brass	2.74	0.62
09410-0023 LF Heavy Top Strip, 1/4" Thick, 1-1/4" Deep, Zinc.....	5.03	0.62
09410-0024 LF Heavy Top Strip, 1/4" Thick, 1-1/4" Deep, Galvanized Bottom, Brass	8.35	0.62
09410-0025 LF Divider Strip For Thin Set Floors, 16 Gauge, 1/2" x 1/2" Zinc	3.17	0.62
09410-0026 LF Divider Strip For Thin Set Floors, 16 Gauge, 1/2" x 1/2" Brass.....	4.62	0.62
09410-0027 LF Divider Strip For Floor, Vinyl Plastic	3.80	0.62

09420 Precast Terrazzo (09400)

09000 Finishes

09400 Terrazzo

09420 Precast Terrazzo



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09420-0001		Flooring Tiles (09420) Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09420-0002		Terrazzo Tiles With Non Slip Surface (09420-0001)		
09420-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	18.46	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	18.86	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	21.84	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	23.37	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	24.46	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0008		Terrazzo Tile Thin Set (09420-0001)		
09420-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	18.27	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	19.49	1.70
		09MOD-0088 For White Cement, Add	0.36	
		09MOD-0089 For Venetian Type Terrazzo, Add	2.00	
09420-0011		Thin Set Terrazzo Wainscot (09420-0001)		
09420-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set.....	26.79	3.26
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set.....	30.49	3.26
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0014		Thin Set Terrazzo Base, Gray Cement (09420-0001)		
09420-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	9.03	1.63
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	10.16	1.63
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	10.57	1.63
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	11.13	1.63
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0019		Terrazzo Curbs (09420-0001)		
09420-0020	LF	8" x 8" Curb, Terrazzo Tile.....	17.73	2.17
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0021	LF	6" x 6" Curb, Terrazzo Tile.....	17.16	2.17
		09MOD-0090 For Each LF Of White Cement, Add	0.50	
		09MOD-0091 For Each LF Of Zinc Toe Strip, Add	1.00	
09420-0022		Precast Terrazzo Stair Treads 12" Wide (09420-0001)		
09420-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern.....	45.25	2.17
09420-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-slip Surface.....	38.48	2.17
09420-0025	LF	2" Precast Terrazzo Straight Stair Tread.....	33.97	2.17
09420-0026	LF	2" Precast Terrazzo Curved Stair Tread.....	39.84	2.17
09420-0027		Stair Risers, 1" Thick To 6" High, Straight (09420-0001)		
09420-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	20.31	1.63
09420-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set.....	23.69	1.63
09420-0030		Stair Risers, 1" Thick To 6" High, Curved (09420-0001)		
09420-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	30.14	1.63
09420-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....	32.40	1.63
09420-0033		Tread And Riser (09420)		



Finishes 09000	09000	9
Terrazzo 09400	09400	
Precast Terrazzo 09420	09420	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09420-0034 Stair Stringers, Notched For Treads And Risers (09420-0033)		
09420-0035 LF 1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	50.24	4.34
09420-0036 LF 2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	60.71	4.34
09420-0037 Structural Non-Slip Landings (09420-0033)		
09420-0038 SF 1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip.....	36.27	2.17
09420-0039 SF 3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip.....	44.81	2.17
09420-0040 Combined Tread And Riser (09420-0033)		
09420-0041 Straight Sections (09420-0040)		
09420-0042 LF Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	79.84	4.34
09420-0043 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	95.63	4.34
09420-0044 Curved Sections (09420-0040)		
09420-0045 LF Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	100.40	4.34
09420-0046 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	127.47	4.34
09430 Conductive Terrazzo (09400)		
Note: For anti-static areas		
09430-0001 Sparkproof Industrial Floor (09430)		
09430-0002 SF Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial.....	15.72	2.71
09430-0003 SF Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial.....	28.85	2.71
09430-0004 SF Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	13.35	2.71
09430-0005 SF Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	25.92	2.71
09430-0006 SF Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial	11.97	2.71
09430-0007 SF Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial.....	20.88	2.71
09430-0008 SF Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	19.58	2.71
09430-0009 SF Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	22.12	2.71
09430-0010 SF Resinous Flooring.....	8.52	1.25
09490 Terrazzo Restoration (09400)		
09490-0001 Terrazzo Grinding, Polishing And Sealing (09490)		
09490-0002 CSF Grind Existing Terrazzo, Polish And Seal.....	205.25	
09490-0003 SF Remove Setting Bed And Clean Area.....	3.13	
09490-0004 SF Repair Existing Terrazzo.....	14.21	
09490-0005 LF Repair Cracks In Existing Terrazzo	3.23	
09500 Ceilings (09000)		
09511 Acoustical Lay-In Panels (09500)		
Note: Installation includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling. See CSI section 09540-0000 for suspension systems.		
09511-0001 Fiberglass Panels (09511)		
09511-0002 Fiberglass Acoustical Panels (09511-0001)		
09511-0003 SF 2' x 2' x 5/8" Fiberglass Acoustical Ceiling Panel.....	1.48	0.32
09MOD-0093 For Recessed Edge, Add	0.35	
09MOD-0094 For Aluminum Faced Panels, Add	3.50	
09MOD-0096 For Fire Rated Panels, Add	0.50	
09MOD-0097 For Up To 50, Add	0.52	
09MOD-0098 For > 50 To 200, Add	0.30	
09MOD-0099 For > 200 To 500, Add	0.11	
09MOD-0100 For > 2500 To 4000, Deduct	-0.03	
09MOD-0101 For > 4000 To 5000, Deduct	-0.06	
09MOD-0102 For > 5000, Deduct	-0.10	
09MOD-0103 For Individual Room Quantities < 495, Add	0.15	
Note: For use with projects > 500 SF		
09MOD-0107 For Acid Resistive, Add	2.50	
09MOD-0365 For Black Ceiling Tiles, Add	0.41	
09MOD-0374 For Ceilings > 10' High, Add	0.06	
09MOD-0377 For Concealed Spline Panels, Add	0.26	

09000 Finishes

09500 Ceilings

09511 Acoustical Lay-In Panels



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09511-0004	SF 2' x 4' x 5/8" Fiberglass Acoustical Ceiling Panel.....	1.46	0.32
	09MOD-0093 For Recessed Edge, Add	0.35	
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.49	
	09MOD-0097 For Up To 50, Add	0.51	
	09MOD-0098 For > 50 To 200, Add	0.29	
	09MOD-0099 For > 200 To 500, Add	0.11	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.03	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.06	
	09MOD-0102 For > 5000, Deduct	-0.10	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.15	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0365 For Black Ceiling Tiles, Add	0.41	
	09MOD-0374 For Ceilings > 10' High, Add	0.05	
	09MOD-0377 For Concealed Spline Panels, Add	0.25	
09511-0005	SF 2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel.....	3.00	0.32
	09MOD-0093 For Recessed Edge, Add	0.35	
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.50	
	09MOD-0097 For Up To 50, Add	0.75	
	09MOD-0098 For > 50 To 200, Add	0.45	
	09MOD-0099 For > 200 To 500, Add	0.19	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.06	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.10	
	09MOD-0102 For > 5000, Deduct	-0.16	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.22	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0365 For Black Ceiling Tiles, Add	1.24	
	09MOD-0374 For Ceilings > 10' High, Add	0.06	
	09MOD-0377 For Concealed Spline Panels, Add	0.41	
09511-0006	SF 2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel.....	3.00	0.32
	09MOD-0093 For Recessed Edge, Add	0.35	
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.50	
	09MOD-0097 For Up To 50, Add	0.75	
	09MOD-0098 For > 50 To 200, Add	0.45	
	09MOD-0099 For > 200 To 500, Add	0.19	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.06	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.10	
	09MOD-0102 For > 5000, Deduct	-0.16	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.22	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0365 For Black Ceiling Tiles, Add	1.24	
	09MOD-0374 For Ceilings > 10' High, Add	0.06	
	09MOD-0377 For Concealed Spline Panels, Add	0.41	
09511-0007	SF 2' x 2' x 1" Fiberglass Acoustical Ceiling Panel.....	3.19	0.38
	09MOD-0093 For Recessed Edge, Add	0.35	
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.50	
	09MOD-0097 For Up To 50, Add	0.77	
	09MOD-0098 For > 50 To 200, Add	0.47	
	09MOD-0099 For > 200 To 500, Add	0.20	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.07	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.11	
	09MOD-0102 For > 5000, Deduct	-0.17	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.23	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0374 For Ceilings > 10' High, Add	0.06	
	09MOD-0377 For Concealed Spline Panels, Add	0.43	
09511-0008	SF 2' x 4' x 1" Fiberglass Acoustical Ceiling Panel.....	3.19	0.38
	09MOD-0093 For Recessed Edge, Add	0.35	
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.50	
	09MOD-0097 For Up To 50, Add	0.77	
	09MOD-0098 For > 50 To 200, Add	0.47	
	09MOD-0099 For > 200 To 500, Add	0.20	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.07	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.11	
	09MOD-0102 For > 5000, Deduct	-0.17	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.23	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0374 For Ceilings > 10' High, Add	0.06	
	09MOD-0377 For Concealed Spline Panels, Add	0.43	

09511-0009 Glass Cloth Faced Fiberglass Panels (09511-0001)



Finishes 09000	2
Ceilings 09500	
Acoustical Lay-In Panels 09511	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09511-0010	SF 3/4" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	2.58	0.38
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.53	
	09MOD-0097 For Up To 50, Add	0.76	
	09MOD-0098 For > 50 To 200, Add	0.44	
	09MOD-0099 For > 200 To 500, Add	0.18	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.06	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.10	
	09MOD-0102 For > 5000, Deduct	-0.16	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.22	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0374 For Ceilings > 10' High, Add	0.07	
09511-0011	SF 1" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	2.79	0.38
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.53	
	09MOD-0097 For Up To 50, Add	0.79	
	09MOD-0098 For > 50 To 200, Add	0.46	
	09MOD-0099 For > 200 To 500, Add	0.19	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.06	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.10	
	09MOD-0102 For > 5000, Deduct	-0.17	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.23	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0374 For Ceilings > 10' High, Add	0.07	
09511-0012	SF 1-1/2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	3.90	0.64
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.59	
	09MOD-0097 For Up To 50, Add	1.07	
	09MOD-0098 For > 50 To 200, Add	0.63	
	09MOD-0099 For > 200 To 500, Add	0.26	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.08	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.14	
	09MOD-0102 For > 5000, Deduct	-0.23	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.32	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0374 For Ceilings > 10' High, Add	0.09	
09511-0013	SF 2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	4.90	0.64
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0096 For Fire Rated Panels, Add	0.59	
	09MOD-0097 For Up To 50, Add	1.22	
	09MOD-0098 For > 50 To 200, Add	0.73	
	09MOD-0099 For > 200 To 500, Add	0.31	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.10	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.17	
	09MOD-0102 For > 5000, Deduct	-0.27	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.37	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0374 For Ceilings > 10' High, Add	0.09	
09511-0014	Mineral Fiber Panels (09511)		
09511-0015	Mineral Fiber Acoustical Ceiling Panels (09511-0014)		
09511-0016	SF 1' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	1.76	0.38
	09MOD-0094 For Aluminum Faced Panels, Add	3.50	
	09MOD-0095 For Vinyl Faced Panels, Add	1.03	
	09MOD-0096 For Fire Rated Panels, Add	0.51	
	09MOD-0097 For Up To 50, Add	0.59	
	09MOD-0098 For > 50 To 200, Add	0.34	
	09MOD-0099 For > 200 To 500, Add	0.13	
	09MOD-0100 For > 2500 To 4000, Deduct	-0.04	
	09MOD-0101 For > 4000 To 5000, Deduct	-0.07	
	09MOD-0102 For > 5000, Deduct	-0.12	
	09MOD-0103 For Individual Room Quantities < 495, Add	0.17	
	Note: For use with projects > 500 SF		
	09MOD-0107 For Acid Resistive, Add	2.50	
	09MOD-0108 For Rough Texture, Add	0.12	
	09MOD-0109 For Integrated Wood Trim, Add	7.53	
	09MOD-0110 For Vertical Application, Add	0.36	
	09MOD-0111 For Single Angled Tegular Edge (Reveal), Add	0.51	
	09MOD-0374 For Ceilings > 10' High, Add	0.06	
	09MOD-0377 For Concealed Spline Panels, Add	0.30	

09000 Finishes

09500 Ceilings

09511 Acoustical Lay-In Panels



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
09511-0017	SF 2' x 2' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....		1.24		0.38
	09MOD-0094 For Aluminum Faced Panels, Add	3.50			
	09MOD-0095 For Vinyl Faced Panels, Add	1.01			
	09MOD-0096 For Fire Rated Panels, Add	0.50			
	09MOD-0097 For Up To 50, Add	0.48			
	09MOD-0098 For > 50 To 200, Add	0.27			
	09MOD-0099 For > 200 To 500, Add	0.10			
	09MOD-0100 For > 2500 To 4000, Deduct	-0.03			
	09MOD-0101 For > 4000 To 5000, Deduct	-0.05			
	09MOD-0102 For > 5000, Deduct	-0.09			
	09MOD-0103 For Individual Room Quantities < 495, Add	0.14			
	Note: For use with projects > 500 SF				
	09MOD-0107 For Acid Resistive, Add	2.50			
	09MOD-0108 For Rough Texture, Add	0.06			
	09MOD-0109 For Integrated Wood Trim, Add	7.49			
	09MOD-0110 For Vertical Application, Add	0.33			
	09MOD-0111 For Single Angled Tegular Edge (Reveal), Add	0.30			
	09MOD-0365 For Black Ceiling Tiles, Add	0.28			
	09MOD-0374 For Ceilings > 10' High, Add	0.06			
	09MOD-0377 For Concealed Spline Panels, Add	0.24			
09511-0018	SF 2' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....		1.83		0.38
	09MOD-0092 For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	0.27			
	09MOD-0094 For Aluminum Faced Panels, Add	3.50			
	09MOD-0095 For Vinyl Faced Panels, Add	1.01			
	09MOD-0096 For Fire Rated Panels, Add	0.50			
	09MOD-0097 For Up To 50, Add	0.57			
	09MOD-0098 For > 50 To 200, Add	0.33			
	09MOD-0099 For > 200 To 500, Add	0.13			
	09MOD-0100 For > 2500 To 4000, Deduct	-0.04			
	09MOD-0101 For > 4000 To 5000, Deduct	-0.07			
	09MOD-0102 For > 5000, Deduct	-0.12			
	09MOD-0103 For Individual Room Quantities < 495, Add	0.17			
	Note: For use with projects > 500 SF				
	09MOD-0105 For Integrated Wood Trim, Add	7.74			
	09MOD-0107 For Acid Resistive, Add	2.50			
	09MOD-0108 For Rough Texture, Add	0.14			
	09MOD-0110 For Vertical Application, Add	0.33			
	09MOD-0111 For Single Angled Tegular Edge (Reveal), Add	0.56			
	09MOD-0114 For Scored Acoustical Tile, Add	0.25			
	09MOD-0365 For Black Ceiling Tiles, Add	0.60			
	09MOD-0374 For Ceilings > 10' High, Add	0.06			
	09MOD-0377 For Concealed Spline Panels, Add	0.29			
09511-0019	SF 2' x 4' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....		1.22		0.38
	09MOD-0094 For Aluminum Faced Panels, Add	3.50			
	09MOD-0095 For Vinyl Faced Panels, Add	1.00			
	09MOD-0096 For Fire Rated Panels, Add	0.49			
	09MOD-0097 For Up To 50, Add	0.47			
	09MOD-0098 For > 50 To 200, Add	0.27			
	09MOD-0099 For > 200 To 500, Add	0.10			
	09MOD-0100 For > 2500 To 4000, Deduct	-0.03			
	09MOD-0101 For > 4000 To 5000, Deduct	-0.05			
	09MOD-0102 For > 5000, Deduct	-0.09			
	09MOD-0103 For Individual Room Quantities < 495, Add	0.13			
	Note: For use with projects > 500 SF				
	09MOD-0104 For Integrated Wood Trim, Add	8.98			
	09MOD-0107 For Acid Resistive, Add	2.50			
	09MOD-0108 For Rough Texture, Add	0.06			
	09MOD-0110 For Vertical Application, Add	0.32			
	09MOD-0111 For Single Angled Tegular Edge (Reveal), Add	0.30			
	09MOD-0365 For Black Ceiling Tiles, Add	0.28			
	09MOD-0374 For Ceilings > 10' High, Add	0.05			
	09MOD-0377 For Concealed Spline Panels, Add	0.23			
09511-0020	SF 2' x 4' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....		1.81		0.38
	09MOD-0092 For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	0.27			
	09MOD-0094 For Aluminum Faced Panels, Add	3.50			
	09MOD-0095 For Vinyl Faced Panels, Add	1.00			
	09MOD-0096 For Fire Rated Panels, Add	0.49			
	09MOD-0097 For Up To 50, Add	0.56			
	09MOD-0098 For > 50 To 200, Add	0.33			
	09MOD-0099 For > 200 To 500, Add	0.13			
	09MOD-0100 For > 2500 To 4000, Deduct	-0.04			
	09MOD-0101 For > 4000 To 5000, Deduct	-0.07			
	09MOD-0102 For > 5000, Deduct	-0.12			
	09MOD-0103 For Individual Room Quantities < 495, Add	0.16			
	Note: For use with projects > 500 SF				
	09MOD-0106 For Integrated Wood Trim, Add	9.23			
	09MOD-0107 For Acid Resistive, Add	2.50			
	09MOD-0108 For Rough Texture, Add	0.14			
	09MOD-0110 For Vertical Application, Add	0.32			
	09MOD-0111 For Single Angled Tegular Edge (Reveal), Add	0.56			
	09MOD-0114 For Scored Acoustical Tile, Add	0.25			
	09MOD-0365 For Black Ceiling Tiles, Add	0.60			
	09MOD-0374 For Ceilings > 10' High, Add	0.05			
	09MOD-0377 For Concealed Spline Panels, Add	0.29			



Finishes 09000	2
Ceilings 09500	
Acoustical Lay-In Panels 09511	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09511-0021 SF 2' x 5' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.20	0.38
09MOD-0094 For Aluminum Faced Panels, Add	3.50	
09MOD-0095 For Vinyl Faced Panels, Add	1.00	
09MOD-0096 For Fire Rated Panels, Add	0.49	
09MOD-0097 For Up To 50, Add	0.46	
09MOD-0098 For > 50 To 200, Add	0.26	
09MOD-0099 For > 200 To 500, Add	0.10	
09MOD-0100 For > 2500 To 4000, Deduct	-0.03	
09MOD-0101 For > 4000 To 5000, Deduct	-0.05	
09MOD-0102 For > 5000, Deduct	-0.09	
09MOD-0103 For Individual Room Quantities < 495, Add	0.13	
Note: For use with projects > 500 SF		
09MOD-0106 For Integrated Wood Trim, Add	9.21	
09MOD-0107 For Acid Resistive, Add	2.50	
09MOD-0108 For Rough Texture, Add	0.06	
09MOD-0110 For Vertical Application, Add	0.32	
09MOD-0111 For Single Angled Tegular Edge (Reveal), Add	0.30	
09MOD-0374 For Ceilings > 10' High, Add	0.05	
09MOD-0377 For Concealed Spline Panels, Add	0.23	
09511-0022 Wood Fiber Panels⁽⁰⁹⁵¹¹⁾		
09511-0023 SF 2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	2.33	0.51
09MOD-0097 For Up To 50, Add	0.81	
09MOD-0098 For > 50 To 200, Add	0.46	
09MOD-0099 For > 200 To 500, Add	0.17	
09MOD-0100 For > 2500 To 4000, Deduct	-0.05	
09MOD-0101 For > 4000 To 5000, Deduct	-0.09	
09MOD-0102 For > 5000, Deduct	-0.16	
09MOD-0103 For Individual Room Quantities < 495, Add	0.23	
Note: For use with projects > 500 SF		
09MOD-0112 For Flameproofing, Add	0.05	
09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10	
09MOD-0374 For Ceilings > 10' High, Add	0.09	
09MOD-0377 For Concealed Spline Panels, Add	0.41	
09511-0024 SF 2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	2.21	0.45
09MOD-0097 For Up To 50, Add	0.74	
09MOD-0098 For > 50 To 200, Add	0.43	
09MOD-0099 For > 200 To 500, Add	0.16	
09MOD-0100 For > 2500 To 4000, Deduct	-0.05	
09MOD-0101 For > 4000 To 5000, Deduct	-0.09	
09MOD-0102 For > 5000, Deduct	-0.15	
09MOD-0103 For Individual Room Quantities < 495, Add	0.21	
Note: For use with projects > 500 SF		
09MOD-0112 For Flameproofing, Add	0.05	
09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10	
09MOD-0374 For Ceilings > 10' High, Add	0.08	
09MOD-0377 For Concealed Spline Panels, Add	0.38	
09511-0025 SF 2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	2.86	0.51
09MOD-0097 For Up To 50, Add	0.89	
09MOD-0098 For > 50 To 200, Add	0.52	
09MOD-0099 For > 200 To 500, Add	0.20	
09MOD-0100 For > 2500 To 4000, Deduct	-0.06	
09MOD-0101 For > 4000 To 5000, Deduct	-0.11	
09MOD-0102 For > 5000, Deduct	-0.18	
09MOD-0103 For Individual Room Quantities < 495, Add	0.26	
Note: For use with projects > 500 SF		
09MOD-0112 For Flameproofing, Add	0.05	
09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10	
09MOD-0374 For Ceilings > 10' High, Add	0.09	
09MOD-0377 For Concealed Spline Panels, Add	0.46	
09511-0026 SF 2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	2.74	0.45
09MOD-0097 For Up To 50, Add	0.82	
09MOD-0098 For > 50 To 200, Add	0.48	
09MOD-0099 For > 200 To 500, Add	0.19	
09MOD-0100 For > 2500 To 4000, Deduct	-0.06	
09MOD-0101 For > 4000 To 5000, Deduct	-0.10	
09MOD-0102 For > 5000, Deduct	-0.17	
09MOD-0103 For Individual Room Quantities < 495, Add	0.24	
Note: For use with projects > 500 SF		
09MOD-0112 For Flameproofing, Add	0.05	
09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10	
09MOD-0374 For Ceilings > 10' High, Add	0.08	
09MOD-0377 For Concealed Spline Panels, Add	0.43	
09511-0027 SF 2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	3.37	0.51
09MOD-0097 For Up To 50, Add	0.97	
09MOD-0098 For > 50 To 200, Add	0.57	
09MOD-0099 For > 200 To 500, Add	0.23	
09MOD-0100 For > 2500 To 4000, Deduct	-0.07	
09MOD-0101 For > 4000 To 5000, Deduct	-0.12	
09MOD-0102 For > 5000, Deduct	-0.20	
09MOD-0103 For Individual Room Quantities < 495, Add	0.28	
Note: For use with projects > 500 SF		
09MOD-0112 For Flameproofing, Add	0.05	
09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10	
09MOD-0374 For Ceilings > 10' High, Add	0.09	
09MOD-0377 For Concealed Spline Panels, Add	0.51	

09000 Finishes

09500 Ceilings

09511 Acoustical Lay-In Panels



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09511-0028	SF 2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	3.25		0.45
	09MOD-0097 For Up To 50, Add	0.90		
	09MOD-0098 For > 50 To 200, Add	0.53		
	09MOD-0099 For > 200 To 500, Add	0.21		
	09MOD-0100 For > 2500 To 4000, Deduct	-0.07		
	09MOD-0101 For > 4000 To 5000, Deduct	-0.12		
	09MOD-0102 For > 5000, Deduct	-0.19		
	09MOD-0103 For Individual Room Quantities < 495, Add	0.27		
	Note: For use with projects > 500 SF			
	09MOD-0112 For Flameproofing, Add	0.05		
	09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10		
	09MOD-0374 For Ceilings > 10' High, Add	0.08		
	09MOD-0377 For Concealed Spline Panels, Add	0.48		
09511-0029	SF 2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	2.64		0.51
	09MOD-0097 For Up To 50, Add	0.86		
	09MOD-0098 For > 50 To 200, Add	0.49		
	09MOD-0099 For > 200 To 500, Add	0.19		
	09MOD-0100 For > 2500 To 4000, Deduct	-0.06		
	09MOD-0101 For > 4000 To 5000, Deduct	-0.10		
	09MOD-0102 For > 5000, Deduct	-0.17		
	09MOD-0103 For Individual Room Quantities < 495, Add	0.25		
	Note: For use with projects > 500 SF			
	09MOD-0112 For Flameproofing, Add	0.05		
	09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10		
	09MOD-0374 For Ceilings > 10' High, Add	0.09		
	09MOD-0377 For Concealed Spline Panels, Add	0.44		
09511-0030	SF 2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	2.52		0.45
	09MOD-0097 For Up To 50, Add	0.79		
	09MOD-0098 For > 50 To 200, Add	0.46		
	09MOD-0099 For > 200 To 500, Add	0.18		
	09MOD-0100 For > 2500 To 4000, Deduct	-0.06		
	09MOD-0101 For > 4000 To 5000, Deduct	-0.10		
	09MOD-0102 For > 5000, Deduct	-0.16		
	09MOD-0103 For Individual Room Quantities < 495, Add	0.23		
	Note: For use with projects > 500 SF			
	09MOD-0112 For Flameproofing, Add	0.05		
	09MOD-0113 For Sculptured, 3 Dimensional, Add	0.10		
	09MOD-0374 For Ceilings > 10' High, Add	0.08		
	09MOD-0377 For Concealed Spline Panels, Add	0.41		
09511-0031	Air Distributing Panels (09511)			
09511-0032	SF 3/4" Thick, Air Distribution Acoustical Ceiling Panels.....	4.83		0.97
	09MOD-0097 For Up To 50, Add	1.58		
	09MOD-0098 For > 50 To 200, Add	0.91		
	09MOD-0099 For > 200 To 500, Add	0.35		
	09MOD-0100 For > 2500 To 4000, Deduct	-0.11		
	09MOD-0101 For > 4000 To 5000, Deduct	-0.19		
	09MOD-0102 For > 5000, Deduct	-0.32		
	09MOD-0103 For Individual Room Quantities < 495, Add	0.46		
	Note: For use with projects > 500 SF			
	09MOD-0115 For Air Control Slides, Add	0.12		
	09MOD-0374 For Ceilings > 10' High, Add	0.16		
09511-0033	SF 5/8" Thick, Air Distribution Acoustical Ceiling Panels.....	3.01		0.71
	09MOD-0097 For Up To 50, Add	1.10		
	09MOD-0098 For > 50 To 200, Add	0.62		
	09MOD-0099 For > 200 To 500, Add	0.23		
	09MOD-0100 For > 2500 To 4000, Deduct	-0.07		
	09MOD-0101 For > 4000 To 5000, Deduct	-0.12		
	09MOD-0102 For > 5000, Deduct	-0.22		
	09MOD-0103 For Individual Room Quantities < 495, Add	0.31		
	Note: For use with projects > 500 SF			
	09MOD-0115 For Air Control Slides, Add	0.12		
	09MOD-0374 For Ceilings > 10' High, Add	0.12		
09511-0034	Removal And Reinstallation Of Acoustical Ceiling Panels (09511)			
	Note: 2'x2' Or 2'x4'. Includes storage and cleaning			
09511-0035	SF Remove And Reinstall Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'	0.95		
	09MOD-0374 For Ceilings > 10' High, Add	0.07		
09511-0036	SF Remove And Reinstall Acoustical Panels Only	0.61		
	09MOD-0374 For Ceilings > 10' High, Add	0.05		
09511-0037	SF Remove And Reinstall Grid System Only	0.57		
	09MOD-0374 For Ceilings > 10' High, Add	0.04		

09512 Acoustical Tiles (09500)

Note: Includes fastening with staples, metal spines and/or cement.

09512-0001 Fiberglass Tile (09512)

09512-0002 Fiberglass Acoustical Tile (09512-0001)



Finishes 09000	9
Ceilings 09500	
Acoustical Tiles 09512	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09512-0003	SF 12" x 12" x 5/8" Fiberglass Acoustical Ceiling Tile.....	2.58	0.57
	09MOD-0116 For Flameproofing, Add	0.25	
	09MOD-0117 For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118 For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0119 For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.31	
	09MOD-0120 For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121 For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0123 For Up To 50, Add	0.93	
	09MOD-0124 For > 50 To 200, Add	0.53	
	09MOD-0125 For > 200 To 500, Add	0.20	
	09MOD-0126 For > 2500, Deduct	-0.13	
	09MOD-0374 For Ceilings > 10' High, Add	0.10	
09512-0004	SF 12" x 12" x 3/4" Fiberglass Acoustical Ceiling Tile.....	3.43	0.84
	09MOD-0116 For Flameproofing, Add	0.25	
	09MOD-0117 For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118 For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0119 For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.40	
	09MOD-0120 For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121 For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0123 For Up To 50, Add	1.25	
	09MOD-0124 For > 50 To 200, Add	0.71	
	09MOD-0125 For > 200 To 500, Add	0.26	
	09MOD-0126 For > 2500, Deduct	-0.17	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09512-0005	Glass Cloth Faced Fiberglass Tile (09512-0001)		
09512-0006	SF 3/4" Thick Glass Cloth Faced Acoustical Ceiling Tile.....	2.45	0.84
	09MOD-0116 For Flameproofing, Add	0.25	
	09MOD-0117 For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118 For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120 For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121 For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0123 For Up To 50, Add	1.10	
	09MOD-0124 For > 50 To 200, Add	0.61	
	09MOD-0125 For > 200 To 500, Add	0.21	
	09MOD-0126 For > 2500, Deduct	-0.12	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09512-0007	SF 1" Thick Glass Cloth Faced Acoustical Ceiling Tile.....	4.71	0.84
	09MOD-0116 For Flameproofing, Add	0.25	
	09MOD-0117 For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118 For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120 For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121 For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0123 For Up To 50, Add	1.44	
	09MOD-0124 For > 50 To 200, Add	0.84	
	09MOD-0125 For > 200 To 500, Add	0.33	
	09MOD-0126 For > 2500, Deduct	-0.24	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09512-0008	Mineral Fiber Tile (09512)		
09512-0009	SF 12" x 12" x 5/8" Mineral Fiber Acoustical Tile Standard Ceiling Tile.....	2.99	0.71
	09MOD-0116 For Flameproofing, Add	0.25	
	09MOD-0117 For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118 For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120 For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121 For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0122 For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.35	
	09MOD-0123 For Up To 50, Add	1.09	
	09MOD-0124 For > 50 To 200, Add	0.62	
	09MOD-0125 For > 200 To 500, Add	0.23	
	09MOD-0126 For > 2500, Deduct	-0.15	
	09MOD-0374 For Ceilings > 10' High, Add	0.12	
09512-0010	SF 12" x 12" x 5/8" Vinyl Faced Acoustical Tile Mineral Fiber Ceiling Tile.....	2.92	0.71
	09MOD-0116 For Flameproofing, Add	0.25	
	09MOD-0117 For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118 For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120 For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121 For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0122 For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.33	
	09MOD-0123 For Up To 50, Add	1.08	
	09MOD-0124 For > 50 To 200, Add	0.61	
	09MOD-0125 For > 200 To 500, Add	0.23	
	09MOD-0126 For > 2500, Deduct	-0.15	
	09MOD-0374 For Ceilings > 10' High, Add	0.12	

09000 Finishes

09500 Ceilings

09512 Acoustical Tiles



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09512-0011	SF	12" x 12" x 3/4"	Vinyl Faced Acoustical Tile Mineral Fiber Ceiling Tile .....3.61	3.61	0.71
	09MOD-0116		For Flameproofing, Add	0.25	
	09MOD-0117		For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120		For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121		For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0122		For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.50	
	09MOD-0123		For Up To 50, Add	1.19	
	09MOD-0124		For > 50 To 200, Add	0.68	
	09MOD-0125		For > 200 To 500, Add	0.26	
	09MOD-0126		For > 2500, Deduct	-0.18	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	
09512-0012	SF	12" x 12" x 3/4"	Fire Rated Acoustical Ceiling Tile Plain Faced, Mineral-fiber .....3.74	3.74	0.71
	09MOD-0116		For Flameproofing, Add	0.25	
	09MOD-0117		For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120		For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121		For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0122		For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.53	
	09MOD-0123		For Up To 50, Add	1.21	
	09MOD-0124		For > 50 To 200, Add	0.70	
	09MOD-0125		For > 200 To 500, Add	0.27	
	09MOD-0126		For > 2500, Deduct	-0.19	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	
09512-0013	SF	12" x 12" x 3/4"	Fire Rated Acoustical Ceiling Tile Mylar Faced, Mineral-fiber .....3.81	3.81	0.71
	09MOD-0116		For Flameproofing, Add	0.25	
	09MOD-0117		For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120		For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121		For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0122		For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.55	
	09MOD-0123		For Up To 50, Add	1.22	
	09MOD-0124		For > 50 To 200, Add	0.70	
	09MOD-0125		For > 200 To 500, Add	0.27	
	09MOD-0126		For > 2500, Deduct	-0.19	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	
09512-0014	SF	12" x 12" x 3/4"	Aluminum Faced Acoustical Tile Mineral Fiber Ceiling Tiles .....3.30	3.30	0.71
	09MOD-0116		For Flameproofing, Add	0.25	
	09MOD-0117		For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120		For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121		For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0122		For Premium Grade (Eclipse Or Cirus) Ceiling Tile, Add	0.42	
	09MOD-0123		For Up To 50, Add	1.14	
	09MOD-0124		For > 50 To 200, Add	0.65	
	09MOD-0125		For > 200 To 500, Add	0.25	
	09MOD-0126		For > 2500, Deduct	-0.17	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	
09512-0015			Wood Fiber Tile <small>(09512)</small>		
09512-0016	SF	12" x 12" x 1/2"	Wood Fiber Acoustical Tile Ceiling Tile .....2.88	2.88	0.71
	09MOD-0116		For Flameproofing, Add	0.25	
	09MOD-0117		For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120		For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121		For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0123		For Up To 50, Add	1.08	
	09MOD-0124		For > 50 To 200, Add	0.61	
	09MOD-0125		For > 200 To 500, Add	0.22	
	09MOD-0126		For > 2500, Deduct	-0.14	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	
09512-0017	SF	12" x 12" x 3/4"	Wood Fiber Acoustical Tile Ceiling Tile .....3.47	3.47	0.71
	09MOD-0116		For Flameproofing, Add	0.25	
	09MOD-0117		For Sculptured 3 Dimensional, Add	1.60	
	09MOD-0118		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
	09MOD-0120		For Flame Proof Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0121		For Unwrapped Sound Absorbing Pads, Add	0.42	
	09MOD-0123		For Up To 50, Add	1.16	
	09MOD-0124		For > 50 To 200, Add	0.67	
	09MOD-0125		For > 200 To 500, Add	0.25	
	09MOD-0126		For > 2500, Deduct	-0.17	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	

09513 Metal Ceiling Systems (09500)

09513-0001 0.010" Thick Panels (09513)



Finishes 09000	9
Ceilings 09500	
Metal Ceiling Systems 09513	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09513-0002	SF Metal Ceiling Panels, 0.010" Thick	8.86	1.23
	09MOD-0127 For Each LF Of Carriers, Black Only, Add	1.56	
	09MOD-0128 For Each LF Of Recess Filler Strip, Add	0.28	
	09MOD-0129 For Each LF Of Recess Filler Strip Custom Lengths, Add	0.28	
	09MOD-0130 For Up To 50, Add	2.15	
	09MOD-0131 For > 50 To 200, Add	1.30	
	09MOD-0132 For > 200 To 500, Add	0.55	
	09MOD-0133 For > 2500, Deduct	-0.44	
	09MOD-0374 For Ceilings > 10' High, Add	0.15	
09513-0003	0.020" Thick Panels <small>(09513)</small>		
09513-0004	SF Metal Ceiling Panels (10', 12', And 16' Lengths) 0.020" Thick	17.74	1.37
	09MOD-0127 For Each LF Of Carriers, Black Only, Add	1.56	
	09MOD-0128 For Each LF Of Recess Filler Strip, Add	0.28	
	09MOD-0129 For Each LF Of Recess Filler Strip Custom Lengths, Add	0.28	
	09MOD-0130 For Up To 50, Add	3.97	
	09MOD-0131 For > 50 To 200, Add	2.43	
	09MOD-0132 For > 200 To 500, Add	1.05	
	09MOD-0133 For > 2500, Deduct	-0.89	
	09MOD-0374 For Ceilings > 10' High, Add	0.25	
09513-0005	SF Metal Ceiling Panels, Custom Lengths 3' To 20', 0.020" Thick	20.84	1.37
	09MOD-0127 For Each LF Of Carriers, Black Only, Add	1.56	
	09MOD-0128 For Each LF Of Recess Filler Strip, Add	0.28	
	09MOD-0129 For Each LF Of Recess Filler Strip Custom Lengths, Add	0.28	
	09MOD-0130 For Up To 50, Add	4.44	
	09MOD-0131 For > 50 To 200, Add	2.74	
	09MOD-0132 For > 200 To 500, Add	1.21	
	09MOD-0133 For > 2500, Deduct	-1.04	
	09MOD-0374 For Ceilings > 10' High, Add	0.25	
09513-0006	0.025" Thick Panels <small>(09513)</small>		
09513-0007	SF Metal Ceiling Panels (32', 38', And 52' Lengths) 0.025" Thick	16.28	1.37
	09MOD-0127 For Each LF Of Carriers, Black Only, Add	1.56	
	09MOD-0128 For Each LF Of Recess Filler Strip, Add	0.28	
	09MOD-0129 For Each LF Of Recess Filler Strip Custom Lengths, Add	0.28	
	09MOD-0130 For Up To 50, Add	3.90	
	09MOD-0131 For > 50 To 200, Add	2.36	
	09MOD-0132 For > 200 To 500, Add	1.00	
	09MOD-0133 For > 2500, Deduct	-0.81	
	09MOD-0374 For Ceilings > 10' High, Add	0.27	
09513-0008	SF Metal Ceiling Panels, Custom 10 SF To 65 SF, 0.025" Thick	13.90	1.37
	09MOD-0127 For Each LF Of Carriers, Black Only, Add	1.56	
	09MOD-0128 For Each LF Of Recess Filler Strip, Add	0.28	
	09MOD-0129 For Each LF Of Recess Filler Strip Custom Lengths, Add	0.28	
	09MOD-0130 For Up To 50, Add	3.54	
	09MOD-0131 For > 50 To 200, Add	2.12	
	09MOD-0132 For > 200 To 500, Add	0.88	
	09MOD-0133 For > 2500, Deduct	-0.70	
	09MOD-0374 For Ceilings > 10' High, Add	0.27	
09513-0009	Metal Pan Units, 24 GA Steel <small>(09513)</small>		
	Note: Excludes pads		
09513-0010	SF 12" x 12" - 24 Gauge, Acoustical Metal Pan Units	14.59	0.84
	09MOD-0130 For Up To 50, Add	2.92	
	09MOD-0131 For > 50 To 200, Add	1.83	
	09MOD-0132 For > 200 To 500, Add	0.82	
	09MOD-0133 For > 2500, Deduct	-0.73	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09513-0011	SF 12" x 24" - 24 Gauge, Acoustical Metal Pan Units	15.51	0.84
	09MOD-0130 For Up To 50, Add	3.06	
	09MOD-0131 For > 50 To 200, Add	1.92	
	09MOD-0132 For > 200 To 500, Add	0.87	
	09MOD-0133 For > 2500, Deduct	-0.78	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09513-0012	SF 12" x 12" - 0.025" Thick, Acoustical Aluminum Pan	8.89	0.84
	09MOD-0130 For Up To 50, Add	2.07	
	09MOD-0131 For > 50 To 200, Add	1.26	
	09MOD-0132 For > 200 To 500, Add	0.54	
	09MOD-0133 For > 2500, Deduct	-0.44	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09513-0013	SF 12" x 24" - 0.025" Thick, Acoustical Aluminum Pan	9.62	0.84
	09MOD-0130 For Up To 50, Add	2.18	
	09MOD-0131 For > 50 To 200, Add	1.33	
	09MOD-0132 For > 200 To 500, Add	0.57	
	09MOD-0133 For > 2500, Deduct	-0.48	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	
09513-0014	SF 12" x 12" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units	13.16	0.84
	09MOD-0130 For Up To 50, Add	2.71	
	09MOD-0131 For > 50 To 200, Add	1.68	
	09MOD-0132 For > 200 To 500, Add	0.75	
	09MOD-0133 For > 2500, Deduct	-0.66	
	09MOD-0374 For Ceilings > 10' High, Add	0.14	

09000 Finishes

09500 Ceilings

09513 Metal Ceiling Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09513-0015	SF		12" x 24" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units	9.44	0.84
	09MOD-0130		For Up To 50, Add	2.15	
	09MOD-0131		For > 50 To 200, Add	1.31	
	09MOD-0132		For > 200 To 500, Add	0.56	
	09MOD-0133		For > 2500, Deduct	-0.47	
	09MOD-0374		For Ceilings > 10' High, Add	0.14	
09513-0016	SF		12" x 12" - 24 Gauge, Stainless Steel Acoustical Pan Units	30.81	0.84
	09MOD-0130		For Up To 50, Add	5.35	
	09MOD-0131		For > 50 To 200, Add	3.45	
	09MOD-0132		For > 200 To 500, Add	1.63	
	09MOD-0133		For > 2500, Deduct	-1.54	
	09MOD-0374		For Ceilings > 10' High, Add	0.14	
09513-0017	SF		12" x 24" - 24 Gauge, Stainless Steel Acoustical Pan Units	17.27	0.84
	09MOD-0130		For Up To 50, Add	3.32	
	09MOD-0131		For > 50 To 200, Add	2.09	
	09MOD-0132		For > 200 To 500, Add	0.96	
	09MOD-0133		For > 2500, Deduct	-0.86	
	09MOD-0374		For Ceilings > 10' High, Add	0.14	
09513-0018			Tin Ceilings <small>(09513)</small>		
09513-0019	SF		2' x 2' Tin Ceiling Embossed Panels	10.83	2.12
	09MOD-0130		For Up To 50, Add	2.64	
	09MOD-0131		For > 50 To 200, Add	1.59	
	09MOD-0132		For > 200 To 500, Add	0.67	
	09MOD-0133		For > 2500, Deduct	-0.54	
	09MOD-0374		For Ceilings > 10' High, Add	0.19	
09513-0020	SF		12" x 12" Tin Ceiling Embossed Plates	15.88	1.37
	09MOD-0130		For Up To 50, Add	3.46	
	09MOD-0131		For > 50 To 200, Add	2.13	
	09MOD-0132		For > 200 To 500, Add	0.93	
	09MOD-0133		For > 2500, Deduct	-0.79	
	09MOD-0374		For Ceilings > 10' High, Add	0.20	
09513-0021	SF		12" x 24" Tin Ceiling Embossed Plates	11.69	1.37
	09MOD-0130		For Up To 50, Add	2.83	
	09MOD-0131		For > 50 To 200, Add	1.71	
	09MOD-0132		For > 200 To 500, Add	0.72	
	09MOD-0133		For > 2500, Deduct	-0.58	
	09MOD-0374		For Ceilings > 10' High, Add	0.20	
09513-0022	SF		24" x 24" Tin Ceiling Embossed Plates	10.73	1.37
	09MOD-0130		For Up To 50, Add	2.60	
	09MOD-0131		For > 50 To 200, Add	1.57	
	09MOD-0132		For > 200 To 500, Add	0.66	
	09MOD-0133		For > 2500, Deduct	-0.54	
	09MOD-0374		For Ceilings > 10' High, Add	0.19	
09513-0023	SF		24" x 48" Tin Ceiling Embossed Plates	9.37	1.03
	09MOD-0130		For Up To 50, Add	2.27	
	09MOD-0131		For > 50 To 200, Add	1.37	
	09MOD-0132		For > 200 To 500, Add	0.58	
	09MOD-0133		For > 2500, Deduct	-0.47	
	09MOD-0374		For Ceilings > 10' High, Add	0.16	
09513-0024	LF		3" Or 4" Wide Embossed Molding	7.65	2.05
09513-0025	LF		6" Wide Embossed Molding	9.49	2.39
09513-0026	LF		12" Wide Embossed Molding	12.68	2.80
09513-0027	EA		3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	22.28	6.50
09513-0028	EA		12" Wide Embossed Cross, Tee Or Ell	30.57	7.59

09530 Acoustical Insulation And Barriers (09500)

09530-0001 Barriers For Plenums (09530)

09530-0002	SF		0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	7.27	1.94
	09MOD-0134		For Up To 50, Add	2.61	
	09MOD-0135		For > 50 To 200, Add	1.49	
	09MOD-0136		For > 200 To 500, Add	0.55	
	09MOD-0137		For > 2500, Deduct	-0.36	
09530-0003	SF		0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	7.85	1.94
	09MOD-0134		For Up To 50, Add	2.84	
	09MOD-0135		For > 50 To 200, Add	1.62	
	09MOD-0136		For > 200 To 500, Add	0.60	
	09MOD-0137		For > 2500, Deduct	-0.39	
09530-0004	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	2.76	1.29
	09MOD-0134		For Up To 50, Add	1.35	
	09MOD-0135		For > 50 To 200, Add	0.74	
	09MOD-0136		For > 200 To 500, Add	0.26	
	09MOD-0137		For > 2500, Deduct	-0.14	
09530-0005	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	5.04	1.94
	09MOD-0134		For Up To 50, Add	2.42	
	09MOD-0135		For > 50 To 200, Add	1.33	
	09MOD-0136		For > 200 To 500, Add	0.46	
	09MOD-0137		For > 2500, Deduct	-0.25	



Finishes 09000	2
Ceilings 09500	
Acoustical Insulation And Barriers 09530	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09530-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....	3.59	1.29
	09MOD-0134	For Up To 50, Add	1.47	
	09MOD-0135	For > 50 To 200, Add	0.83	
	09MOD-0136	For > 200 To 500, Add	0.30	
	09MOD-0137	For > 2500, Deduct	-0.18	
09530-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....	5.60	1.29
	09MOD-0134	For Up To 50, Add	1.70	
	09MOD-0135	For > 50 To 200, Add	0.99	
	09MOD-0136	For > 200 To 500, Add	0.39	
	09MOD-0137	For > 2500, Deduct	-0.28	

09540 Ceiling Suspension Systems (09500)

09540-0001 Ceiling Suspension Systems, Hot-dipped Galvanized Steel (09540)

Note: Includes single 8 gauge wire hangers (between 3' To 4') attached from structural steel, wood or metal deck, wood members or concrete deck above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09540-0002	SF	T Bar Ceilings Suspension System 1' x 2', Standard 15/16".....	2.14	0.32
	09MOD-0138	For 1-1/2" Wide Faced Grid, Add	0.19	
	09MOD-0139	For Vertical Application, Add	1.28	
	09MOD-0141	For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0142	For 9/16" Narrow Faced Grid, Add	0.17	
	09MOD-0143	For Individual Room Quantities < 495, Add	0.25	
		Note: For use with projects > 500 SF		
	09MOD-0144	For Aluminum T-Bar System, Add	0.31	
	09MOD-0145	For Compression Struts With Splay Wires, Add	0.24	
	09MOD-0146	For Up To 50, Add	0.91	
	09MOD-0147	For > 50 To 200, Add	0.51	
	09MOD-0148	For > 200 To 500, Add	0.18	
	09MOD-0149	For > 2500 To 4000, Deduct	-0.05	
	09MOD-0150	For > 4000 To 5000, Deduct	-0.09	
	09MOD-0151	For > 5000, Deduct	-0.14	
	09MOD-0374	For Ceilings > 10' High, Add	0.11	
09540-0003	SF	T Bar Ceilings Suspension System 2' x 2', Standard 15/16".....	2.21	0.32
	09MOD-0138	For 1-1/2" Wide Faced Grid, Add	0.17	
	09MOD-0139	For Vertical Application, Add	1.41	
	09MOD-0141	For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0142	For 9/16" Narrow Faced Grid, Add	0.15	
	09MOD-0143	For Individual Room Quantities < 495, Add	0.27	
		Note: For use with projects > 500 SF		
	09MOD-0144	For Aluminum T-Bar System, Add	0.27	
	09MOD-0145	For Compression Struts With Splay Wires, Add	0.25	
	09MOD-0146	For Up To 50, Add	0.98	
	09MOD-0147	For > 50 To 200, Add	0.54	
	09MOD-0148	For > 200 To 500, Add	0.19	
	09MOD-0149	For > 2500 To 4000, Deduct	-0.05	
	09MOD-0150	For > 4000 To 5000, Deduct	-0.10	
	09MOD-0151	For > 5000, Deduct	-0.14	
	09MOD-0366	For Black Grid, Add	0.08	
	09MOD-0374	For Ceilings > 10' High, Add	0.12	
	09MOD-0378	For Concealed Spline Grid, Add	0.25	
09540-0004	SF	T Bar Ceilings Suspension System 2' x 4', Standard 15/16".....	1.77	0.32
	09MOD-0138	For 1-1/2" Wide Faced Grid, Add	0.15	
	09MOD-0140	For Vertical Application, Add	1.24	
	09MOD-0141	For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0142	For 9/16" Narrow Faced Grid, Add	0.13	
	09MOD-0143	For Individual Room Quantities < 495, Add	0.21	
		Note: For use with projects > 500 SF		
	09MOD-0144	For Aluminum T-Bar System, Add	0.24	
	09MOD-0145	For Compression Struts With Splay Wires, Add	0.20	
	09MOD-0146	For Up To 50, Add	0.76	
	09MOD-0147	For > 50 To 200, Add	0.43	
	09MOD-0148	For > 200 To 500, Add	0.15	
	09MOD-0149	For > 2500 To 4000, Deduct	-0.04	
	09MOD-0150	For > 4000 To 5000, Deduct	-0.08	
	09MOD-0151	For > 5000, Deduct	-0.11	
	09MOD-0366	For Black Grid, Add	0.07	
	09MOD-0374	For Ceilings > 10' High, Add	0.09	
	09MOD-0378	For Concealed Spline Grid, Add	0.20	
09540-0005	SF	T Bar Ceilings Suspension System 2' x 5', Standard 15/16".....	2.14	0.32
	09MOD-0138	For 1-1/2" Wide Faced Grid, Add	0.15	
	09MOD-0141	For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0142	For 9/16" Narrow Faced Grid, Add	0.13	
	09MOD-0143	For Individual Room Quantities < 495, Add	0.27	
		Note: For use with projects > 500 SF		
	09MOD-0144	For Aluminum T-Bar System, Add	0.24	
	09MOD-0145	For Compression Struts With Splay Wires, Add	0.24	
	09MOD-0146	For Up To 50, Add	0.97	
	09MOD-0147	For > 50 To 200, Add	0.54	
	09MOD-0148	For > 200 To 500, Add	0.19	
	09MOD-0149	For > 2500 To 4000, Deduct	-0.05	
	09MOD-0150	For > 4000 To 5000, Deduct	-0.10	
	09MOD-0151	For > 5000, Deduct	-0.14	
	09MOD-0374	For Ceilings > 10' High, Add	0.12	

09000 Finishes
09500 Ceilings
09540 Ceiling Suspension Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09540-0006	SF		T Bar Ceilings Suspension System 5' x 5' (T-Bar's Range From 1" To 5" Width), Standard 15/16".....	2.36	0.32
	09MOD-0138		For 1-1/2" Wide Faced Grid, Add	0.21	
	09MOD-0141		For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0142		For 9/16" Narrow Faced Grid, Add	0.19	
	09MOD-0143		For Individual Room Quantities < 495, Add	0.28	
			Note: For use with projects > 500 SF		
	09MOD-0144		For Aluminum T-Bar System, Add	0.34	
	09MOD-0145		For Compression Struts With Splay Wires, Add	0.27	
	09MOD-0146		For Up To 50, Add	1.00	
	09MOD-0147		For > 50 To 200, Add	0.56	
	09MOD-0148		For > 200 To 500, Add	0.20	
	09MOD-0149		For > 2500 To 4000, Deduct	-0.06	
	09MOD-0150		For > 4000 To 5000, Deduct	-0.10	
	09MOD-0151		For > 5000, Deduct	-0.15	
	09MOD-0374		For Ceilings > 10' High, Add	0.12	
09540-0007	SF		2' Suspended Ceiling Cross Tee, Standard 15/16".....	0.51	0.19
			Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
	09MOD-0138		For 1-1/2" Wide Faced Grid, Add	0.04	
	09MOD-0140		For Vertical Application, Add	0.37	
	09MOD-0141		For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0142		For 9/16" Narrow Faced Grid, Add	0.04	
	09MOD-0143		For Individual Room Quantities < 495, Add	0.06	
			Note: For use with projects > 500 SF		
	09MOD-0144		For Aluminum T-Bar System, Add	0.06	
	09MOD-0146		For Up To 50, Add	0.22	
	09MOD-0147		For > 50 To 200, Add	0.13	
	09MOD-0148		For > 200 To 500, Add	0.04	
	09MOD-0149		For > 2500 To 4000, Deduct	-0.01	
	09MOD-0150		For > 4000 To 5000, Deduct	-0.02	
	09MOD-0151		For > 5000, Deduct	-0.03	
	09MOD-0374		For Ceilings > 10' High, Add	0.03	
09540-0008	SF		Concealed Z Bar Ceilings Suspension System.....	3.30	0.57
	09MOD-0138		For 1-1/2" Wide Faced Grid, Add	0.28	
	09MOD-0141		For Chemical Corrosion Resistant (PVC Coated), Add	2.50	
	09MOD-0143		For Individual Room Quantities < 495, Add	0.40	
			Note: For use with projects > 500 SF		
	09MOD-0144		For Aluminum T-Bar System, Add	0.45	
	09MOD-0145		For Compression Struts With Splay Wires, Add	0.37	
	09MOD-0146		For Up To 50, Add	1.42	
	09MOD-0147		For > 50 To 200, Add	0.79	
	09MOD-0148		For > 200 To 500, Add	0.28	
	09MOD-0149		For > 2500 To 4000, Deduct	-0.08	
	09MOD-0150		For > 4000 To 5000, Deduct	-0.15	
	09MOD-0151		For > 5000, Deduct	-0.21	
	09MOD-0374		For Ceilings > 10' High, Add	0.17	
09540-0009			Ceiling Suspension System Accessories (09540)		
09540-0010	LF		For Pencil Rod Support With Accessories And Attachments (Seismic Control Or Where Required).....	0.50	
09540-0011	LF		1" x 3/16" Flat Bar Bracing For Suspended Ceiling.....	10.24	0.97
09540-0012	LF		1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	15.32	1.03
09545			High Impact Ceiling Systems (09500)		
09545-0001			High Impact Ceiling Systems (09545)		
09545-0002	SF		Polyvinyl Chloride Face Panels.....	3.72	0.64
	09MOD-0374		For Ceilings > 10' High, Add	0.08	
09545-0003	SF		2' x 4' T- Bar System.....	2.20	0.51
	09MOD-0374		For Ceilings > 10' High, Add	0.06	
09545-0004	SF		High Impact Clips.....	1.51	0.51
	09MOD-0374		For Ceilings > 10' High, Add	0.06	
09600			Flooring (09000)		
09620			Special Flooring (09600)		
09620-0001			Athletic Flooring (09620)		
09620-0002			Interlocking Rubber Flooring (09620-0001)		
09620-0003	SF		3/8" Interlocking Rubber Athletic Flooring.....	7.59	0.39
			Note: Black with hidden or exposed locks. Pawling HL series.		
	09MOD-0152		For Colors, Add	0.88	
09620-0004	SF		9/16" Interlocking Rubber Athletic Flooring.....	10.72	0.39
			Note: Black with hidden or exposed locks. Pawling HL series.		
	09MOD-0152		For Colors, Add	1.27	
09640			Wood Flooring (09600)		
			See CSI section 09930-0000 for stain.		
09640-0001			Resilient Wood Flooring System (09640)		



Finishes 09000	2
Flooring 09600	
Wood Flooring 09640	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09640-0002 Wood Gym/Stage/Dance Floors <small>(09640-0001)</small>		
Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.		
09640-0003 SF 25/32" Maple Wood Gym/Stage/Dance Floor	8.47	3.21
09MOD-0337 For Oak Or Birch, Deduct	-0.20	
09MOD-0338 For Pine, Deduct	-0.30	
09MOD-0339 For #1 Grade Material, Add	0.50	
09640-0004 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion)	11.25	4.18
Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
09MOD-0337 For Oak Or Birch, Deduct	-0.20	
09MOD-0338 For Pine, Deduct	-0.30	
09MOD-0339 For #1 Grade Material, Add	0.50	
09640-0005 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)	11.85	4.18
Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
09MOD-0337 For Oak Or Birch, Deduct	-0.20	
09MOD-0338 For Pine, Deduct	-0.30	
09MOD-0339 For #1 Grade Material, Add	0.50	
09640-0006 SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)	13.08	4.18
Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
09MOD-0337 For Oak Or Birch, Deduct	-0.20	
09MOD-0338 For Pine, Deduct	-0.30	
09MOD-0339 For #1 Grade Material, Add	0.50	
09640-0007 SF Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)	12.51	4.18
Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
09MOD-0337 For Oak Or Birch, Deduct	-0.20	
09MOD-0338 For Pine, Deduct	-0.30	
09MOD-0339 For #1 Grade Material, Add	0.50	
09640-0008 SF Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)	14.26	4.18
Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
09MOD-0337 For Oak Or Birch, Deduct	-0.20	
09MOD-0338 For Pine, Deduct	-0.30	
09MOD-0339 For #1 Grade Material, Add	0.50	
09650 Resilient Flooring <small>(09600)</small>		
See CSI section 03540-0000 for uneven floors.		
09650-0001 Self Leveling Compound <small>(09650)</small>		
09650-0002 Leveling Compounds <small>(09650-0001)</small>		
09650-0003 SF Latex Self Leveling Underlay, 1/8" Thick	0.83	0.56
09650-0004 SF Latex Self Leveling Underlay, 1/4" Thick	1.21	0.56
09650-0005 Resilient Sheet Flooring <small>(09650)</small>		
09650-0006 Seamless Resilient Vinyl Flooring <small>(09650-0005)</small>		
Note: Armstrong World Industries Inc., "Medintech PVC", Tarkett Inc., "Expressions Optima", Forbo "Smaragd" or an approved equal. With welded seams.		
09650-0007 SF 1/8" Seamless Resilient Floor	6.67	1.92
09MOD-0153 For Each LF Of Integral Cove Base, Add	2.30	
09650-0008 SF 3/16" Seamless Resilient Floor	7.11	1.92
09MOD-0153 For Each LF Of Integral Cove Base, Add	2.48	
09650-0009 SF 1/4" Seamless Resilient Floor	8.79	1.92
09MOD-0153 For Each LF Of Integral Cove Base, Add	3.15	
09650-0010 Vinyl Sheet Goods, Backed <small>(09650-0005)</small>		
09650-0011 SF 0.070" Thick Vinyl Sheet Goods, Backed	1.99	0.33
09MOD-0154 For Up To 100, Add	0.75	
09MOD-0155 For Heat Welded Seams, Add	3.05	
09650-0012 SF 0.093" Thick Vinyl Sheet Goods, Backed	2.25	0.33
09MOD-0154 For Up To 100, Add	0.78	
09MOD-0155 For Heat Welded Seams, Add	3.05	
09650-0013 SF 0.125" Thick Vinyl Sheet Goods, Backed	2.49	0.39
09MOD-0154 For Up To 100, Add	0.80	
09MOD-0155 For Heat Welded Seams, Add	3.05	
09650-0014 SF 0.250" Thick Vinyl Sheet Goods, Backed	3.32	0.39
09MOD-0154 For Up To 100, Add	0.88	
09MOD-0155 For Heat Welded Seams, Add	3.05	
09650-0015 SF Medical Grade Vinyl Sheet Goods, Backed, With Welded Seams	6.73	1.15
09MOD-0154 For Up To 100, Add	2.89	
09650-0016 Vinyl Sheet Flooring <small>(09650-0005)</small>		

09000 Finishes**09600 Flooring****09650 Resilient Flooring**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09650-0017	SF	0.085" Thick, Commercial Grade Sheet Vinyl Flooring, Assorted Colors.....	1.82	0.41
		09MOD-0156 For > 1000, Deduct	-0.10	
		09MOD-0157 For Up To 100, Add	0.73	
09650-0018	SF	0.085" Thick, Sheet Vinyl Floor, Vinyl Chip Pattern, No-Wax Wear Surface.....	2.07	0.41
		09MOD-0156 For > 1000, Deduct	-0.12	
		09MOD-0157 For Up To 100, Add	0.75	
09650-0019	SF	0.085" Thick, Sheet Vinyl Flooring, Inlaid, No-Wax Wear Surface.....	2.62	0.41
		09MOD-0156 For > 1000, Deduct	-0.18	
		09MOD-0157 For Up To 100, Add	0.81	
09650-0020	SF	Flash Cove Vinyl Sheet Flooring, Continued 6" Up Wall Surface	1.81	0.41
09650-0021		Resilient Tile Flooring (09650)		
		Note: Includes mastic and finished flooring being cleaned, sealed, waxed and polished. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.		
09650-0022		Vinyl Tile (09650-0021)		
		Note: Any size		
09650-0023		Vinyl Composition Tile 1/8" Thick (09650-0022)		
09650-0024	SF	Marbleized Pattern Vinyl Composition Tile 1/8" Thick.....	2.48	0.85
		09MOD-0159 For Premium Grade Vinyl Tile, Add	0.36	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-0.99	
		09MOD-0161 For 3/32" Thick, Deduct	-0.14	
		09MOD-0162 For Up To 100, Add	0.18	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.03	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.06	
		09MOD-0165 For > 6000 SF, Deduct	-0.07	
09650-0025	SF	Travertine Pattern Vinyl Composition Tile 1/8" Thick.....	2.61	0.85
		09MOD-0159 For Premium Grade Vinyl Tile, Add	0.39	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-0.99	
		09MOD-0161 For 3/32" Thick, Deduct	-0.16	
		09MOD-0162 For Up To 100, Add	0.18	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.03	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.06	
		09MOD-0165 For > 6000 SF, Deduct	-0.08	
09650-0026	SF	Solid Color Vinyl Composition Tile 1/8" Thick.....	2.26	0.85
		09MOD-0159 For Premium Grade Vinyl Tile, Add	0.31	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-0.99	
		09MOD-0161 For 3/32" Thick, Deduct	-0.12	
		09MOD-0162 For Up To 100, Add	0.17	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.02	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.05	
		09MOD-0165 For > 6000 SF, Deduct	-0.06	
09650-0027		Solid Vinyl Tile 1/8" Thick (09650-0022)		
09650-0028	SF	Travertine Pattern Resilient Tile Floor Solid Vinyl Tile 1/8" Thick	4.86	0.85
		09MOD-0158 For Patterned Layout, Add	0.54	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-1.39	
		09MOD-0161 For 3/32" Thick, Deduct	-0.34	
		09MOD-0162 For Up To 100, Add	0.32	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.07	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.14	
		09MOD-0165 For > 6000 SF, Deduct	-0.17	
09650-0029	SF	Marbleized Pattern Resilient Tile Floor Solid Vinyl Tile 1/8" Thick	4.73	0.85
		09MOD-0158 For Patterned Layout, Add	0.53	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-1.39	
		09MOD-0161 For 3/32" Thick, Deduct	-0.33	
		09MOD-0162 For Up To 100, Add	0.31	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.07	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.13	
		09MOD-0165 For > 6000 SF, Deduct	-0.16	
09650-0030	SF	Solid Colors, Resilient Tile Floor Solid Vinyl Tile 1/8" Thick.....	4.88	0.85
		09MOD-0158 For Patterned Layout, Add	0.54	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-1.39	
		09MOD-0161 For 3/32" Thick, Deduct	-0.34	
		09MOD-0162 For Up To 100, Add	0.32	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.07	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.14	
		09MOD-0165 For > 6000 SF, Deduct	-0.17	
09650-0031	SF	Skid Resistant Surface, Solid Vinyl Floor Tile, 1/8" Thick	6.52	0.85
		09MOD-0158 For Patterned Layout, Add	0.53	
		09MOD-0160 For Extra Stock, Material Only, Deduct	-0.99	
		09MOD-0161 For 3/32" Thick, Deduct	-0.55	
		09MOD-0162 For Up To 100, Add	0.38	
		09MOD-0163 For > 1000 To 3000, Deduct	-0.11	
		09MOD-0164 For > 3000 To 6000, Deduct	-0.22	
		09MOD-0165 For > 6000 SF, Deduct	-0.27	
09650-0032		1/8" Thick Vinyl Plastic Wall Base (09650-0022)		
		Note: Includes inside and outside premolded corners.		
09650-0033	LF	4" High 1/8" Vinyl Plastic Base, All Colors	2.47	0.70
		09MOD-0160 For Extra Stock, Material Only, Deduct	-1.35	
		09MOD-0161 For 3/32" Thick, Deduct	-0.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09650-0034 LF 6" High 1/8" Vinyl Plastic Base, All Colors <i>09MOD-0160 For Extra Stock, Material Only, Deduct</i> <i>09MOD-0161 For 3/32" Thick, Deduct</i>	3.48 -1.62 -0.18	0.85
09650-0035 Vinyl Transition Strip (09650-0022)		
09650-0036 LF Vinyl Transition Strip, Brown Or Black 09650-0037 LF Vinyl Floor Tile Reducer Strip, Black Or Brown 09650-0038 LF Vinyl Floor Tile Feature Strip, Brown Or Black.....	1.52 1.35 1.14	0.51
09650-0039 Concrete Floor Prep (09650-0021)		
09650-0040 SF Remove Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	0.70	
09650-0041 Rubber Tile (09650-0021)		
09650-0042 Rubber Tile With Raised Discs, Assorted Colors (09650-0041)		
09650-0043 SF 1/8" Thick Rubber Tile Note: Smooth, raised disc or other patterned surface. <i>09MOD-0166 For Up To 100, Add</i>	8.17 0.46	0.51
09650-0044 SF 3/16" Thick Rubber Tile Note: Smooth, raised disc or other patterned surface. <i>09MOD-0166 For Up To 100, Add</i>	9.02 0.51	0.56
09650-0045 SF 7/32" Thick Rubber Tile Note: Smooth, raised disc or other patterned surface. <i>09MOD-0166 For Up To 100, Add</i>	10.55 0.58	0.56
09650-0046 1/8" Thick Rubber Wall Base (09650-0041)		
09650-0047 LF 4" High 1/8" Rubber Base, Group 1 Black, Russet And Umber 09650-0048 LF 6" High 1/8" Rubber Base, Group 1 Black, Russet And Umber 09650-0049 LF 4" High 1/8" Rubber Base, Group 2 All (Except White)..... 09650-0050 LF 6" High 1/8" Rubber Base, Group 2 All (Except White)..... 09650-0051 LF 4" High 1/8" Rubber Base, Group 3 White Only..... 09650-0052 LF 6" High 1/8" Rubber Base, Group 3 Only..... 09650-0053 EA 4" High 1/8" Rubber Corner 09650-0054 EA 6" High 1/8" Rubber Corner	2.33 2.52 2.40 2.66 2.28 2.54 2.42 2.71	0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85
09650-0055 Stair Treads, Risers and Landing Mats (09650)		
Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread. All colors.		
09650-0056 Rubber Stair Treads and Risers (09650-0055)		
09650-0057 Raised Disc Or Other Patterned Rubber Stair Tread (09650-0056)		
09650-0058 LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern. <i>09MOD-0167 For Abrasive Strip, Add</i> <i>09MOD-0168 For Photo Luminescent Abrasive Strip, Add</i>	12.35 2.75 3.75	1.09
09650-0059 LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern. <i>09MOD-0167 For Abrasive Strip, Add</i> <i>09MOD-0168 For Photo Luminescent Abrasive Strip, Add</i>	13.26 2.75 3.75	1.17
09650-0060 LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern. <i>09MOD-0167 For Abrasive Strip, Add</i> <i>09MOD-0168 For Photo Luminescent Abrasive Strip, Add</i>	16.43 2.75 3.75	1.25
09650-0061 Smooth Surface Rubber Stair Tread (09650-0056)		
09650-0062 LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface. <i>09MOD-0167 For Abrasive Strip, Add</i> <i>09MOD-0168 For Photo Luminescent Abrasive Strip, Add</i>	11.51 2.75 3.75	1.09
09650-0063 LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface. <i>09MOD-0167 For Abrasive Strip, Add</i> <i>09MOD-0168 For Photo Luminescent Abrasive Strip, Add</i>	12.34 2.75 3.75	1.17
09650-0064 LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface. <i>09MOD-0167 For Abrasive Strip, Add</i> <i>09MOD-0168 For Photo Luminescent Abrasive Strip, Add</i>	15.20 2.75 3.75	1.26
09650-0065 Smooth Surface Rubber Stair Riser (09650-0056)		
09650-0066 LF 1/8" Thick, Smooth Surface Rubber Stair Riser	6.72	0.65
09650-0067 Smooth, Raised Disc or Other Patterned Rubber Landing Mats (09650-0056)		

09000 Finishes

09600 Flooring

09650 Resilient Flooring



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09650-0068	SF	1/8" Thick, Rubber Landing Mats..... Note: Smooth, raised disc or other patterned surface.	10.09	1.09
09650-0069	SF	3/16" Thick, Rubber Landing Mats..... Note: Smooth, raised disc or other patterned surface.	10.85	1.09
09650-0070	SF	7/32" Thick, Rubber Landing Mats..... Note: Smooth, raised disc or other patterned surface.	12.42	1.09
09650-0071		Vinyl Stair Treads and Risers (09650-0055)		
09650-0072		Ribbed Vinyl Stair Tread (09650-0071)		
09650-0073	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread..... <i>09MOD-0169 For Abrasive Strip, Add</i>	7.60 2.75	1.00
09650-0074	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread..... <i>09MOD-0169 For Abrasive Strip, Add</i>	11.37 2.75	1.09
09650-0075	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread..... <i>09MOD-0169 For Abrasive Strip, Add</i>	12.81 2.75	1.18
09650-0076		Smooth Surface Vinyl Stair Riser (09650-0071)		
09650-0077	LF	1/8" Thick, Smooth Surface Vinyl Stair Riser.....	5.63	0.65
09650-0078		Linoleum (09650)		
09650-0079	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, MCT).....	3.78	0.82
09650-0080	SF	2.5mm, Linoleum Sheet (Forbo Marmoleum)..... <i>09MOD-0375 For 3.2mm Thickness, Add</i> <i>09MOD-0376 For 2mm Thickness, Deduct</i>	3.03 0.44 -0.21	0.41
09660		Static Control Flooring (09600)		
09660-0001		Static-Control Resilient Floor Coverings (09660) Note: Includes mastic.		
09660-0002		Conductive Resilient Floor Covering (09660-0001)		
09660-0003	SF	12" x 12" Static-Dissipative Or Conductive Vinyl Floor Tile..... <i>09MOD-0170 For Heat Welded Seams, Add</i>	6.28 4.89	0.82
09660-0004	SF	24" x 24" Static-Dissipative Or Conductive Vinyl Floor Tile..... <i>09MOD-0170 For Heat Welded Seams, Add</i>	6.53 4.13	0.71
09660-0005	SF	36" x 36" Static-Dissipative Or Conductive Vinyl Floor Tile..... <i>09MOD-0170 For Heat Welded Seams, Add</i>	6.89 3.61	0.60
09660-0006	SF	24" x 24" Static-Dissipative Or Conductive Rubber Floor Tile..... <i>09MOD-0170 For Heat Welded Seams, Add</i>	4.75 4.13	0.71
09680		Carpeting (09600) Note: Includes tack strips and floor fastenings as required and vacuuming.		
09680-0001		Carpet Cushion (09680)		
09680-0002		Carpet Pads (09680-0001)		
09680-0003	SY	Foam Rubber Carpet Padding.....	5.39	1.79
09680-0004	SY	Sponge Rubber Carpet Cushion.....	5.24	1.79
09680-0005	SY	Urethane Carpet Cushion 1/4" Thick.....	4.85	1.79
09680-0006	SY	Urethane Carpet Cushion 3/8" Thick.....	5.34	1.79
09680-0007	SY	7/16" Thick, Rebonded, 6 LB/CF.....	4.94	1.79
09680-0008	SY	3/8" Thick, Rebonded, 7 LB/CF.....	5.17	1.79
09680-0009	SY	1/2" Thick, Rebonded, 8 LB/CF.....	5.49	1.79
09680-0010		Carpet (09680) Note: No VOC carpet and adhesives. Weights shown are face weight excluding backing weight and excludes padding. Demolition of commercial broadloom carpet includes removal of adhesive. Residential carpet backing basis is for padding and commercial carpet backing is for glue down. See CSI section 09680-0001 for padding.		
09680-0011		Commercial Broadloom Carpet (09680-0010) Note: Level-loop pile or textured-loop pile broadloom carpet.		
09680-0012		Non-Patterned Broadloom Carpet (09680-0011)		
09680-0013	SY	22 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet..... <i>09MOD-0345 For Up To 15, Add</i> <i>09MOD-0346 For > 15 To 33, Add</i> <i>09MOD-0347 For > 200 To 400, Deduct</i> <i>09MOD-0348 For > 400 To 600, Deduct</i> <i>09MOD-0349 For > 600 To 900, Deduct</i> <i>09MOD-0350 For > 900, Deduct</i> <i>09MOD-0360 For Moisture Barrier Backing, Add</i> <i>09MOD-0362 For Installation On Stairs, Each Riser, Add</i>	27.48 1.80 0.90 -0.37 -0.56 -1.06 -1.56 3.50 6.00	13.47



Finishes 09000	2
Flooring 09600	
Carpeting 09680	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09680-0014	SY	24 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	27.48	13.47
	09MOD-0345	For Up To 15, Add	1.80	
	09MOD-0346	For > 15 To 33, Add	0.90	
	09MOD-0347	For > 200 To 400, Deduct	-0.37	
	09MOD-0348	For > 400 To 600, Deduct	-0.56	
	09MOD-0349	For > 600 To 900, Deduct	-1.06	
	09MOD-0350	For > 900, Deduct	-1.56	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0015	SY	26 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	27.48	13.47
	09MOD-0345	For Up To 15, Add	1.80	
	09MOD-0346	For > 15 To 33, Add	0.90	
	09MOD-0347	For > 200 To 400, Deduct	-0.37	
	09MOD-0348	For > 400 To 600, Deduct	-0.56	
	09MOD-0349	For > 600 To 900, Deduct	-1.06	
	09MOD-0350	For > 900, Deduct	-1.56	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0016	SY	28 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	29.79	14.59
	09MOD-0345	For Up To 15, Add	1.95	
	09MOD-0346	For > 15 To 33, Add	0.97	
	09MOD-0347	For > 200 To 400, Deduct	-0.40	
	09MOD-0348	For > 400 To 600, Deduct	-0.60	
	09MOD-0349	For > 600 To 900, Deduct	-1.15	
	09MOD-0350	For > 900, Deduct	-1.70	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0017	SY	30 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	30.35	14.59
	09MOD-0345	For Up To 15, Add	1.95	
	09MOD-0346	For > 15 To 33, Add	0.97	
	09MOD-0347	For > 200 To 400, Deduct	-0.41	
	09MOD-0348	For > 400 To 600, Deduct	-0.62	
	09MOD-0349	For > 600 To 900, Deduct	-1.18	
	09MOD-0350	For > 900, Deduct	-1.74	
	09MOD-0358	For Cut Pile Carpet, Add	1.50	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0018	SY	32 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	30.45	14.59
	09MOD-0345	For Up To 15, Add	1.95	
	09MOD-0346	For > 15 To 33, Add	0.97	
	09MOD-0347	For > 200 To 400, Deduct	-0.41	
	09MOD-0348	For > 400 To 600, Deduct	-0.62	
	09MOD-0349	For > 600 To 900, Deduct	-1.18	
	09MOD-0350	For > 900, Deduct	-1.74	
	09MOD-0358	For Cut Pile Carpet, Add	1.50	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0019	SY	34 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	33.45	15.71
	09MOD-0345	For Up To 15, Add	2.09	
	09MOD-0346	For > 15 To 33, Add	1.05	
	09MOD-0347	For > 200 To 400, Deduct	-0.46	
	09MOD-0348	For > 400 To 600, Deduct	-0.69	
	09MOD-0349	For > 600 To 900, Deduct	-1.31	
	09MOD-0350	For > 900, Deduct	-1.92	
	09MOD-0358	For Cut Pile Carpet, Add	1.50	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0020	SY	36 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	33.86	15.71
	09MOD-0345	For Up To 15, Add	2.09	
	09MOD-0346	For > 15 To 33, Add	1.05	
	09MOD-0347	For > 200 To 400, Deduct	-0.47	
	09MOD-0348	For > 400 To 600, Deduct	-0.70	
	09MOD-0349	For > 600 To 900, Deduct	-1.33	
	09MOD-0350	For > 900, Deduct	-1.95	
	09MOD-0358	For Cut Pile Carpet, Add	1.50	
	09MOD-0359	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	
09680-0021	SY	38 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	34.36	15.71
	09MOD-0345	For Up To 15, Add	2.09	
	09MOD-0346	For > 15 To 33, Add	1.05	
	09MOD-0347	For > 200 To 400, Deduct	-0.48	
	09MOD-0348	For > 400 To 600, Deduct	-0.72	
	09MOD-0349	For > 600 To 900, Deduct	-1.35	
	09MOD-0350	For > 900, Deduct	-1.99	
	09MOD-0358	For Cut Pile Carpet, Add	1.50	
	09MOD-0359	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0360	For Moisture Barrier Backing, Add	3.50	
	09MOD-0362	For Installation On Stairs, Each Riser, Add	6.00	

09680-0022 **Patterned Broadloom Carpet** (09680-0011)
 Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09000 Finishes**09600 Flooring****09680 Carpeting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09680-0023	SY		22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	28.65	13.47
	09MOD-0345		For Up To 15, Add	1.97	
	09MOD-0346		For > 15 To 33, Add	0.99	
	09MOD-0347		For > 200 To 400, Deduct	-0.38	
	09MOD-0348		For > 400 To 600, Deduct	-0.56	
	09MOD-0349		For > 600 To 900, Deduct	-1.09	
	09MOD-0350		For > 900, Deduct	-1.61	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0024	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	28.65	13.47
	09MOD-0345		For Up To 15, Add	1.97	
	09MOD-0346		For > 15 To 33, Add	0.99	
	09MOD-0347		For > 200 To 400, Deduct	-0.38	
	09MOD-0348		For > 400 To 600, Deduct	-0.56	
	09MOD-0349		For > 600 To 900, Deduct	-1.09	
	09MOD-0350		For > 900, Deduct	-1.61	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0025	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	28.65	13.47
	09MOD-0345		For Up To 15, Add	1.97	
	09MOD-0346		For > 15 To 33, Add	0.99	
	09MOD-0347		For > 200 To 400, Deduct	-0.38	
	09MOD-0348		For > 400 To 600, Deduct	-0.56	
	09MOD-0349		For > 600 To 900, Deduct	-1.09	
	09MOD-0350		For > 900, Deduct	-1.61	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0026	SY		28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	31.06	14.59
	09MOD-0345		For Up To 15, Add	2.14	
	09MOD-0346		For > 15 To 33, Add	1.07	
	09MOD-0347		For > 200 To 400, Deduct	-0.41	
	09MOD-0348		For > 400 To 600, Deduct	-0.61	
	09MOD-0349		For > 600 To 900, Deduct	-1.18	
	09MOD-0350		For > 900, Deduct	-1.75	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0027	SY		30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	31.63	14.59
	09MOD-0345		For Up To 15, Add	2.14	
	09MOD-0346		For > 15 To 33, Add	1.07	
	09MOD-0347		For > 200 To 400, Deduct	-0.42	
	09MOD-0348		For > 400 To 600, Deduct	-0.63	
	09MOD-0349		For > 600 To 900, Deduct	-1.21	
	09MOD-0350		For > 900, Deduct	-1.79	
	09MOD-0358		For Cut Pile Carpet, Add	1.50	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0028	SY		32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	31.74	14.59
	09MOD-0345		For Up To 15, Add	2.14	
	09MOD-0346		For > 15 To 33, Add	1.07	
	09MOD-0347		For > 200 To 400, Deduct	-0.42	
	09MOD-0348		For > 400 To 600, Deduct	-0.63	
	09MOD-0349		For > 600 To 900, Deduct	-1.21	
	09MOD-0350		For > 900, Deduct	-1.79	
	09MOD-0358		For Cut Pile Carpet, Add	1.50	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0029	SY		34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	34.84	15.71
	09MOD-0345		For Up To 15, Add	2.30	
	09MOD-0346		For > 15 To 33, Add	1.15	
	09MOD-0347		For > 200 To 400, Deduct	-0.47	
	09MOD-0348		For > 400 To 600, Deduct	-0.70	
	09MOD-0349		For > 600 To 900, Deduct	-1.34	
	09MOD-0350		For > 900, Deduct	-1.98	
	09MOD-0358		For Cut Pile Carpet, Add	1.50	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	
09680-0030	SY		36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	35.26	15.71
	09MOD-0345		For Up To 15, Add	2.30	
	09MOD-0346		For > 15 To 33, Add	1.15	
	09MOD-0347		For > 200 To 400, Deduct	-0.47	
	09MOD-0348		For > 400 To 600, Deduct	-0.71	
	09MOD-0349		For > 600 To 900, Deduct	-1.36	
	09MOD-0350		For > 900, Deduct	-2.01	
	09MOD-0358		For Cut Pile Carpet, Add	1.50	
	09MOD-0359		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0360		For Moisture Barrier Backing, Add	3.50	
	09MOD-0362		For Installation On Stairs, Each Riser, Add	6.00	



Finishes 09000		09
Flooring 09600		
Carpeting 09680		

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09680-0031	SY 38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	35.76	15.71
	09MOD-0345 For Up To 15, Add	2.30	
	09MOD-0346 For > 15 To 33, Add	1.15	
	09MOD-0347 For > 200 To 400, Deduct	-0.48	
	09MOD-0348 For > 400 To 600, Deduct	-0.73	
	09MOD-0349 For > 600 To 900, Deduct	-1.38	
	09MOD-0350 For > 900, Deduct	-2.04	
	09MOD-0358 For Cut Pile Carpet, Add	1.50	
	09MOD-0359 For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0360 For Moisture Barrier Backing, Add	3.50	
	09MOD-0362 For Installation On Stairs, Each Riser, Add	6.00	
09680-0032	Tufted Carpet Tiles (09680-0010)		
	Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.		
09680-0033	Non-Patterned Carpet Tiles (09680-0032)		
09680-0034	SY 20 Ounce, Non-Patterned, Nylon Carpet Tile	32.49	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.49	
	09MOD-0352 For > 400 To 600, Deduct	-0.73	
	09MOD-0353 For > 600 To 900, Deduct	-1.34	
	09MOD-0354 For > 900 To 1500, Deduct	-1.95	
	09MOD-0355 For > 1500 To 2200, Deduct	-2.85	
	09MOD-0356 For > 2200 To 3500, Deduct	-3.66	
	09MOD-0357 For > 3500, Deduct	-4.47	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0035	SY 22 Ounce, Non-Patterned, Nylon Carpet Tile	36.93	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.58	
	09MOD-0352 For > 400 To 600, Deduct	-0.87	
	09MOD-0353 For > 600 To 900, Deduct	-1.57	
	09MOD-0354 For > 900 To 1500, Deduct	-2.26	
	09MOD-0355 For > 1500 To 2200, Deduct	-3.29	
	09MOD-0356 For > 2200 To 3500, Deduct	-4.21	
	09MOD-0357 For > 3500, Deduct	-5.14	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0036	SY 24 Ounce, Non-Patterned, Nylon Carpet Tile	41.25	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.66	
	09MOD-0352 For > 400 To 600, Deduct	-1.00	
	09MOD-0353 For > 600 To 900, Deduct	-1.78	
	09MOD-0354 For > 900 To 1500, Deduct	-2.57	
	09MOD-0355 For > 1500 To 2200, Deduct	-3.72	
	09MOD-0356 For > 2200 To 3500, Deduct	-4.75	
	09MOD-0357 For > 3500, Deduct	-5.79	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0037	SY 26 Ounce, Non-Patterned, Nylon Carpet Tile	43.78	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.71	
	09MOD-0352 For > 400 To 600, Deduct	-1.07	
	09MOD-0353 For > 600 To 900, Deduct	-1.91	
	09MOD-0354 For > 900 To 1500, Deduct	-2.74	
	09MOD-0355 For > 1500 To 2200, Deduct	-3.98	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.07	
	09MOD-0357 For > 3500, Deduct	-6.17	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0038	SY 28 Ounce, Non-Patterned, Nylon Carpet Tile	46.37	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.77	
	09MOD-0352 For > 400 To 600, Deduct	-1.15	
	09MOD-0353 For > 600 To 900, Deduct	-2.04	
	09MOD-0354 For > 900 To 1500, Deduct	-2.92	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.24	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.39	
	09MOD-0357 For > 3500, Deduct	-6.55	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0039	SY 30 Ounce, Non-Patterned, Nylon Carpet Tile	47.14	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.78	
	09MOD-0352 For > 400 To 600, Deduct	-1.17	
	09MOD-0353 For > 600 To 900, Deduct	-2.08	
	09MOD-0354 For > 900 To 1500, Deduct	-2.98	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.31	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.49	
	09MOD-0357 For > 3500, Deduct	-6.67	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0040	SY 32 Ounce, Non-Patterned, Nylon Carpet Tile	47.62	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.79	
	09MOD-0352 For > 400 To 600, Deduct	-1.19	
	09MOD-0353 For > 600 To 900, Deduct	-2.10	
	09MOD-0354 For > 900 To 1500, Deduct	-3.01	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.36	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.55	
	09MOD-0357 For > 3500, Deduct	-6.74	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	

09000 Finishes**09600 Flooring****09680 Carpeting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09680-0041	SY		34 Ounce, Non-Patterned, Nylon Carpet Tile	48.03	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.80	
	09MOD-0352		For > 400 To 600, Deduct	-1.20	
	09MOD-0353		For > 600 To 900, Deduct	-2.12	
	09MOD-0354		For > 900 To 1500, Deduct	-3.04	
	09MOD-0355		For > 1500 To 2200, Deduct	-4.40	
	09MOD-0356		For > 2200 To 3500, Deduct	-5.60	
	09MOD-0357		For > 3500, Deduct	-6.80	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0042	SY		36 Ounce, Non-Patterned, Nylon Carpet Tile	49.41	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.83	
	09MOD-0352		For > 400 To 600, Deduct	-1.24	
	09MOD-0353		For > 600 To 900, Deduct	-2.19	
	09MOD-0354		For > 900 To 1500, Deduct	-3.14	
	09MOD-0355		For > 1500 To 2200, Deduct	-4.54	
	09MOD-0356		For > 2200 To 3500, Deduct	-5.77	
	09MOD-0357		For > 3500, Deduct	-7.01	
	09MOD-0359		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0043	SY		38 Ounce, Non-Patterned, Nylon Carpet Tile	52.15	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.88	
	09MOD-0352		For > 400 To 600, Deduct	-1.32	
	09MOD-0353		For > 600 To 900, Deduct	-2.33	
	09MOD-0354		For > 900 To 1500, Deduct	-3.33	
	09MOD-0355		For > 1500 To 2200, Deduct	-4.81	
	09MOD-0356		For > 2200 To 3500, Deduct	-6.12	
	09MOD-0357		For > 3500, Deduct	-7.42	
	09MOD-0359		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0044	SY		40 Ounce, Non-Patterned, Nylon Carpet Tile	55.09	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.94	
	09MOD-0352		For > 400 To 600, Deduct	-1.41	
	09MOD-0353		For > 600 To 900, Deduct	-2.47	
	09MOD-0354		For > 900 To 1500, Deduct	-3.53	
	09MOD-0355		For > 1500 To 2200, Deduct	-5.11	
	09MOD-0356		For > 2200 To 3500, Deduct	-6.48	
	09MOD-0357		For > 3500, Deduct	-7.86	
	09MOD-0359		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0045	SY		42 Ounce, Non-Patterned, Nylon Carpet Tile	60.73	3.28
	09MOD-0351		For > 200 To 400, Deduct	-1.05	
	09MOD-0352		For > 400 To 600, Deduct	-1.58	
	09MOD-0353		For > 600 To 900, Deduct	-2.76	
	09MOD-0354		For > 900 To 1500, Deduct	-3.93	
	09MOD-0355		For > 1500 To 2200, Deduct	-5.67	
	09MOD-0356		For > 2200 To 3500, Deduct	-7.19	
	09MOD-0357		For > 3500, Deduct	-8.71	
	09MOD-0359		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0046	SY		Installation Of Owner Provided Non-Patterned Carpet Tiles	8.15	
09680-0047			Patterned Carpet Tiles <small>(09680-0032)</small>		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09680-0048	SY		20 Ounce, Patterned, Nylon Carpet Tile	33.66	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.50	
	09MOD-0352		For > 400 To 600, Deduct	-0.74	
	09MOD-0353		For > 600 To 900, Deduct	-1.37	
	09MOD-0354		For > 900 To 1500, Deduct	-2.00	
	09MOD-0355		For > 1500 To 2200, Deduct	-2.92	
	09MOD-0356		For > 2200 To 3500, Deduct	-3.77	
	09MOD-0357		For > 3500, Deduct	-4.61	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0049	SY		22 Ounce, Patterned, Nylon Carpet Tile	38.16	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.59	
	09MOD-0352		For > 400 To 600, Deduct	-0.88	
	09MOD-0353		For > 600 To 900, Deduct	-1.60	
	09MOD-0354		For > 900 To 1500, Deduct	-2.32	
	09MOD-0355		For > 1500 To 2200, Deduct	-3.37	
	09MOD-0356		For > 2200 To 3500, Deduct	-4.33	
	09MOD-0357		For > 3500, Deduct	-5.28	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	
09680-0050	SY		24 Ounce, Patterned, Nylon Carpet Tile	42.55	3.28
	09MOD-0351		For > 200 To 400, Deduct	-0.67	
	09MOD-0352		For > 400 To 600, Deduct	-1.01	
	09MOD-0353		For > 600 To 900, Deduct	-1.82	
	09MOD-0354		For > 900 To 1500, Deduct	-2.62	
	09MOD-0355		For > 1500 To 2200, Deduct	-3.81	
	09MOD-0356		For > 2200 To 3500, Deduct	-4.88	
	09MOD-0357		For > 3500, Deduct	-5.94	
	09MOD-0361		For Cushion Backed Tile, Add	4.90	



Finishes 09000	09000
Flooring 09600	09600
Carpeting 09680	09680

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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09680-0051	SY 26 Ounce, Patterned, Nylon Carpet Tile	45.12	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.73	
	09MOD-0352 For > 400 To 600, Deduct	-1.09	
	09MOD-0353 For > 600 To 900, Deduct	-1.95	
	09MOD-0354 For > 900 To 1500, Deduct	-2.80	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.07	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.20	
	09MOD-0357 For > 3500, Deduct	-6.33	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0052	SY 28 Ounce, Patterned, Nylon Carpet Tile	47.75	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.78	
	09MOD-0352 For > 400 To 600, Deduct	-1.17	
	09MOD-0353 For > 600 To 900, Deduct	-2.08	
	09MOD-0354 For > 900 To 1500, Deduct	-2.99	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.33	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.53	
	09MOD-0357 For > 3500, Deduct	-6.72	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0053	SY 30 Ounce, Patterned, Nylon Carpet Tile	48.53	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.79	
	09MOD-0352 For > 400 To 600, Deduct	-1.19	
	09MOD-0353 For > 600 To 900, Deduct	-2.12	
	09MOD-0354 For > 900 To 1500, Deduct	-3.04	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.41	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.62	
	09MOD-0357 For > 3500, Deduct	-6.84	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0054	SY 32 Ounce, Patterned, Nylon Carpet Tile	49.02	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.80	
	09MOD-0352 For > 400 To 600, Deduct	-1.21	
	09MOD-0353 For > 600 To 900, Deduct	-2.14	
	09MOD-0354 For > 900 To 1500, Deduct	-3.08	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.46	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.69	
	09MOD-0357 For > 3500, Deduct	-6.91	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0055	SY 34 Ounce, Patterned, Nylon Carpet Tile	49.43	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.81	
	09MOD-0352 For > 400 To 600, Deduct	-1.22	
	09MOD-0353 For > 600 To 900, Deduct	-2.16	
	09MOD-0354 For > 900 To 1500, Deduct	-3.11	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.50	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.74	
	09MOD-0357 For > 3500, Deduct	-6.97	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0056	SY 36 Ounce, Patterned, Nylon Carpet Tile	50.83	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.84	
	09MOD-0352 For > 400 To 600, Deduct	-1.26	
	09MOD-0353 For > 600 To 900, Deduct	-2.23	
	09MOD-0354 For > 900 To 1500, Deduct	-3.20	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.64	
	09MOD-0356 For > 2200 To 3500, Deduct	-5.91	
	09MOD-0357 For > 3500, Deduct	-7.18	
	09MOD-0359 For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0057	SY 38 Ounce, Patterned, Nylon Carpet Tile	53.61	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.90	
	09MOD-0352 For > 400 To 600, Deduct	-1.34	
	09MOD-0353 For > 600 To 900, Deduct	-2.37	
	09MOD-0354 For > 900 To 1500, Deduct	-3.40	
	09MOD-0355 For > 1500 To 2200, Deduct	-4.92	
	09MOD-0356 For > 2200 To 3500, Deduct	-6.26	
	09MOD-0357 For > 3500, Deduct	-7.60	
	09MOD-0359 For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0058	SY 40 Ounce, Patterned, Nylon Carpet Tile	56.59	3.28
	09MOD-0351 For > 200 To 400, Deduct	-0.96	
	09MOD-0352 For > 400 To 600, Deduct	-1.43	
	09MOD-0353 For > 600 To 900, Deduct	-2.52	
	09MOD-0354 For > 900 To 1500, Deduct	-3.61	
	09MOD-0355 For > 1500 To 2200, Deduct	-5.22	
	09MOD-0356 For > 2200 To 3500, Deduct	-6.63	
	09MOD-0357 For > 3500, Deduct	-8.05	
	09MOD-0359 For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0059	SY 42 Ounce, Patterned, Nylon Carpet Tile	62.32	3.28
	09MOD-0351 For > 200 To 400, Deduct	-1.07	
	09MOD-0352 For > 400 To 600, Deduct	-1.60	
	09MOD-0353 For > 600 To 900, Deduct	-2.81	
	09MOD-0354 For > 900 To 1500, Deduct	-4.01	
	09MOD-0355 For > 1500 To 2200, Deduct	-5.79	
	09MOD-0356 For > 2200 To 3500, Deduct	-7.35	
	09MOD-0357 For > 3500, Deduct	-8.91	
	09MOD-0359 For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	09MOD-0361 For Cushion Backed Tile, Add	4.90	
09680-0060	SY Installation Of Owner Provided Patterned Carpet Tiles	9.32	

09000 Finishes

09600 Flooring

09680 Carpeting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09680-0061		Indoor/Outdoor Carpet <small>(09680-0010)</small> Note: Includes waterproof glue		
09680-0062	SY	Nylon Indoor/Outdoor Carpet.....	24.87	3.58
09680-0063	SY	Ozite Indoor/Outdoor Carpet.....	20.57	3.58
09680-0064		Carpet Accessories <small>(09680-0010)</small>		
09680-0065	LF	Metal Carpet Saddle Strip, Up To 4" Wide.....	2.84	0.64
09680-0066		Concrete Floor Prep <small>(09680-0010)</small>		
09680-0067	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Carpet.....	9.39	
09680-0068	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Carpet.....	5.66	
09680-0069		Removal And Reinstallation Of Carpet And Pad <small>(09680-0010)</small> Note: Includes storage, cleaning and supply materials.		
09680-0070	SY	Remove And Reinstall Carpet And Pad.....	18.94	
09680-0071		Carpeting Support Functions <small>(09680)</small>		
09680-0072		Relocate Partitions, Modular Work Stations <small>(09680-0071)</small> Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09680-0073	EA	Relocate Modular Work Station.....	225.25	
09680-0074		Installation Of Furnished Carpet <small>(09680)</small>		
09680-0075	SY	Up To 24 Oz, Installation Of Carpet Only.....	8.00	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		09MOD-0171 For Up To 15, Add	1.56	
		09MOD-0172 For > 15 To 33, Add	0.78	
09680-0076	SY	25 To 34 Oz, Installation Of Carpet Only.....	9.30	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		09MOD-0171 For Up To 15, Add	1.82	
		09MOD-0172 For > 15 To 33, Add	0.91	
09680-0077	SY	>34 Oz, Installation Of Carpet Only.....	11.12	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		09MOD-0171 For Up To 15, Add	2.19	
		09MOD-0172 For > 15 To 33, Add	1.09	
09700		Wall Finishes <small>(09000)</small>		
09720		Vinyl Wall Coverings <small>(09700)</small>		
09720-0001		Vinyl Wall Coverings <small>(09720)</small> Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09720-0002	SF	Vinyl Wall Covering, 7-10 Oz/SY.....	1.28	0.50
		09MOD-0173 For Owner Furnished Material, Deduct	-0.49	
09720-0003	SF	Vinyl Wall Covering, 11-14 Oz/SY.....	1.56	0.50
		09MOD-0173 For Owner Furnished Material, Deduct	-0.72	
09720-0004	SF	Vinyl Wall Covering, 20-25 Oz/SY.....	2.08	0.50
		09MOD-0173 For Owner Furnished Material, Deduct	-1.03	
09720-0005	SF	Vinyl Wall Covering, 26-32 Oz/SY.....	2.36	0.50
		09MOD-0173 For Owner Furnished Material, Deduct	-1.26	
09720-0006	SF	Vinyl Wall Covering, 33-38 Oz/SY.....	2.14	0.50
		09MOD-0173 For Owner Furnished Material, Deduct	-1.00	
09723		Cork Wall Covering <small>(09700)</small>		
09723-0001		Cork Wall Covering <small>(09723)</small>		
09723-0002	SF	1/8" Cork Wall Covering.....	2.63	0.50
09723-0003	SF	1/4" Cork Wall Covering.....	3.07	0.50
09723-0004	SF	1/2" Cork Wall Covering.....	3.42	0.50
09723-0005	SF	3/4" Cork Wall Covering.....	4.43	0.50
09724		Wallpaper <small>(09700)</small>		
09724-0001		Wallpaper Coverings <small>(09724)</small> Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09724-0002	SF	Average Quality Wallpaper (Standard Grade).....	1.18	0.67
09724-0003	SF	High Quality Wallpaper (Designer Grade).....	1.87	0.86
09724-0004	SF	Ceiling Paper.....	1.88	1.26
09725		Wall Fabrics <small>(09700)</small>		



Finishes 09000	9
Wall Finishes 09700	
Wall Fabrics 09725	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09725-0001	Wall Fabrics <small>(09725)</small>		
09725-0002	SF Wall Covering, Natural Fabric, Grass Cloth	2.42	0.50
09725-0003	SF Wall Covering, Grass Cloth.....	2.61	0.50
09725-0004	SF Wall Covering, Burlap	2.13	0.50
09725-0005	SF Flexible Gypsum Coated Wall Fabric, Fire Resistant.....	1.65	0.50
09725-0006	SF Acoustical Wall Cover	2.98	0.50
09725-0007	Natural Fiber Resilient Wallcovering <small>(09725)</small>		
09725-0008	SY Sisal Wall Covering - 48 To 54 Oz/SY With Adhesive (4', 8', 12' Widths)	48.96	4.51
	<i>09MOD-0174 For Fire Rated Adhesive, UBC 42-2, Add</i>	0.11	
09730	Wall Carpet <small>(09700)</small>		
09730-0001	Carpet Wall Covering <small>(09730)</small>		
09730-0002	SY Nylon 28 Oz Carpet	28.16	9.65
09730-0003	SY Nylon 32 Oz Carpet	28.70	9.65
09730-0004	SY Nylon 34 Oz Carpet	31.17	10.62
09730-0005	SY Nylon 35 Oz Carpet	32.99	11.26
09730-0006	SY Nylon 36 Oz Carpet	34.86	11.91
09730-0007	SY Nylon 38 Oz Carpet	35.51	11.91
09730-0008	SY Nylon 40 Oz Carpet	36.86	12.23
09730-0009	SY Nylon 42 Oz Carpet	38.33	12.55
09740	Flexible Wood Sheets <small>(09700)</small>		
09740-0001	Flexible Wood Sheets <small>(09740)</small>		
09740-0002	Walnut <small>(09740-0001)</small>		
09740-0003	SF Walnut 1/32 In Thick Flexible Wood Veneer.....	6.43	2.02
09740-0004	Exotic Wood <small>(09740-0001)</small>		
09740-0005	SF Exotic Wood 1/32 Thick, Flexible Wood Veneer	9.11	2.02
09800	Acoustical Treatment <small>(09000)</small>		
09820	Acoustic Sealant <small>(09800)</small>		
09820-0001	Acoustical Sealant <small>(09820)</small>		
09820-0002	CLF 1/4" x 1/4" Joint, Acoustical Sealant	216.57	96.56
	<i>07MOD-0102 For Coloring, Add</i>	8.45	
	<i>07MOD-0103 For 1 Part Mildew Resistant, Add</i>	8.21	
	<i>07MOD-0104 For High-Modulus Non-Acid Curing, Add</i>	4.69	
09820-0003	CLF 1/4" x 3/8" Joint, Acoustical Sealant	238.38	102.99
	<i>07MOD-0102 For Coloring, Add</i>	11.66	
	<i>07MOD-0103 For 1 Part Mildew Resistant, Add</i>	11.33	
	<i>07MOD-0104 For High-Modulus Non-Acid Curing, Add</i>	6.48	
09820-0004	CLF 1/4" x 1/2" Joint, Acoustical Sealant	256.46	109.43
	<i>07MOD-0102 For Coloring, Add</i>	13.55	
	<i>07MOD-0103 For 1 Part Mildew Resistant, Add</i>	13.17	
	<i>07MOD-0104 For High-Modulus Non-Acid Curing, Add</i>	7.53	
09820-0005	CLF 3/8" x 3/8" Joint, Acoustical Sealant	271.04	109.43
	<i>07MOD-0102 For Coloring, Add</i>	18.80	
	<i>07MOD-0103 For 1 Part Mildew Resistant, Add</i>	18.27	
	<i>07MOD-0104 For High-Modulus Non-Acid Curing, Add</i>	10.44	
09820-0006	CLF 3/8" x 1/2" Joint, Acoustical Sealant	292.70	112.65
	<i>07MOD-0102 For Coloring, Add</i>	24.25	
	<i>07MOD-0103 For 1 Part Mildew Resistant, Add</i>	23.58	
	<i>07MOD-0104 For High-Modulus Non-Acid Curing, Add</i>	13.47	
09820-0007	CLF 1/2" x 1/2" Joint, Acoustical Sealant	326.68	115.88
	<i>07MOD-0102 For Coloring, Add</i>	34.17	
	<i>07MOD-0103 For 1 Part Mildew Resistant, Add</i>	33.23	
	<i>07MOD-0104 For High-Modulus Non-Acid Curing, Add</i>	18.99	
09835	Sound Absorbing Panels <small>(09800)</small>		
09835-0001	Sound Absorbing Panels And Attenuation Blankets <small>(09835)</small>		
	Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09110-0000 for wall furring system, 09540-0000 for ceiling suspension systems.		
09835-0002	SF 3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler.....	6.53	1.29
09835-0003	SF 1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	9.60	1.29
09835-0004	Sound Absorbing Acoustical Wall Panel System <small>(09835)</small>		



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09835-0005 Mineral Fiber, Sound Absorbing Wall Panel System (Soundsoak) (09835-0004)
 Note: Includes tackable surface, molding and mounting hardware for flush mount.

09835-0006	SF	5/8" Thick Vinyl Or Non-Woven Fabric Covered, Mineral Fiber, Absorbing Wall Panel System (Soundsoak)	6.58	1.45
09835-0007	SF	5/8" Thick Woven Fabric Covered, Mineral Fiber, Sound Absorbing Wall Panel System (Soundsoak)	8.94	1.45
09835-0008	SF	3/4" Thick Vinyl Or Non-Woven Fabric Covered, Mineral Fiber, Absorbing Wall Panel System (Soundsoak)	7.13	1.45
09835-0009	SF	3/4" Thick Woven Fabric Covered, Mineral Fiber, Sound Absorbing Wall Panel System (Soundsoak)	9.84	1.45

09835-0010 Fiberglass, Sound Absorbing Wall Panel System (Soundsoak) (09835-0004)
 Note: Includes molding and mounting hardware for flush mount.

09835-0011	SF	1" Thick Vinyl Or Non-Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	8.16	1.45
09835-0012	SF	1" Thick Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	10.71	1.45
09835-0013	SF	1-1/2" Thick Vinyl Or Non-Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	9.54	1.61
09835-0014	SF	1-1/2" Thick Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	12.59	1.61
09835-0015	SF	2" Thick Vinyl Or Non-Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	11.19	1.77
09835-0016	SF	2" Thick Woven Fabric Covered, Fiberglass, Sound Absorbing Wall Panel System (Soundsoak)	14.88	1.77

09835-0017 Sound Attenuation Fire Blankets (SAFB) (09835)
09835-0018 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09835-0017)

09835-0019	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.08	0.19
09835-0020	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.15	0.19
09835-0021	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.25	0.19
09835-0022	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.33	0.19
09835-0023	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.44	0.19
09835-0024	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.54	0.19
09835-0025	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.67	0.19
09835-0026	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.83	0.19

09835-0027 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09835-0017)

09835-0028	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.06	0.19
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09835-0029 Sound Attenuation Batts (09835)
 Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09835-0030	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	0.66	0.26
09835-0031	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	0.71	0.26
09835-0032	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.73	0.26
09835-0033	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	0.81	0.26
09835-0034	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.83	0.26
09835-0035	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	0.83	0.26
09835-0036	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	0.85	0.26

09835-0037 Sound Absorbing Panel, Eggcrate Style (09835)
 Note: Ceiling or wall hung back.

09835-0038	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	6.79	
		09MOD-0175 For Pyramid Style, Add	1.18	
09835-0039	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	9.13	
		09MOD-0175 For Pyramid Style, Add	1.18	
09835-0040	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	12.15	
		09MOD-0175 For Pyramid Style, Add	1.18	
09835-0041	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	9.08	
		09MOD-0176 For Eggcrate Style With Hypalon Coating, Add	1.97	
		09MOD-0177 For Pyramid Style, Add	2.05	
		09MOD-0179 For Pyramid Style With Hypalon Coating, Add	4.02	
09835-0042	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	15.67	
		09MOD-0176 For Eggcrate Style With Hypalon Coating, Add	1.97	
		09MOD-0178 For Pyramid Style, Add	0.42	
		09MOD-0180 For Pyramid Style With Hypalon Coating, Add	2.40	
09835-0043	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	20.01	
		09MOD-0176 For Eggcrate Style With Hypalon Coating, Add	1.97	
		09MOD-0178 For Pyramid Style, Add	0.42	
		09MOD-0180 For Pyramid Style With Hypalon Coating, Add	2.40	

09900 Paints And Coatings (09000)

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint, paint can removal and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07920-0000 for caulking where required, 09945-0000 for severely damaged surface preparation in excess of items included above, pressure washing and chemical cleaning where required.

09910 Exterior Painting (09900)

Note: Acrylic latex paint unless otherwise stated.

09910-0001 Walls/Siding (09910)



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0002	Brick Surfaces <small>(09910-0001)</small>		
09910-0003	SF Paint Exterior Brick 1 Coat Filler, Brush Work.....	0.56	
	09MOD-0181 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.11	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.35	
	09MOD-0203 For > 100 To 250, Add	0.17	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0004	SF Paint Exterior Brick 1 Coat Paint, Brush Work.....	0.79	
	09MOD-0181 For Oil Based Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.17	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.52	
	09MOD-0203 For > 100 To 250, Add	0.25	
	09MOD-0204 For > 250 To 500, Add	0.11	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208 For > 20000, Deduct	-0.16	
09910-0005	SF Paint Exterior Brick 2 Coats Paint, Brush Work.....	1.15	
	09MOD-0181 For Oil Based Paint, Add	0.07	
	09MOD-0198 For Work > 20', Add	0.23	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.71	
	09MOD-0203 For > 100 To 250, Add	0.34	
	09MOD-0204 For > 250 To 500, Add	0.15	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.17	
	09MOD-0208 For > 20000, Deduct	-0.23	
09910-0006	SF Paint Exterior Brick 1 Coat Filler, Brush/Roller Work.....	0.37	
	09MOD-0181 For Oil Based Paint, Add	0.02	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.21	
	09MOD-0203 For > 100 To 250, Add	0.10	
	09MOD-0204 For > 250 To 500, Add	0.04	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208 For > 20000, Deduct	-0.07	
09910-0007	SF Paint Exterior Brick 1 Coat Paint, Brush/Roller Work.....	0.62	
	09MOD-0181 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.12	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.37	
	09MOD-0203 For > 100 To 250, Add	0.18	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.12	
09910-0008	SF Paint Exterior Brick 2 Coats Paint, Brush/Roller Work.....	0.91	
	09MOD-0181 For Oil Based Paint, Add	0.06	
	09MOD-0198 For Work > 20', Add	0.16	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.51	
	09MOD-0203 For > 100 To 250, Add	0.25	
	09MOD-0204 For > 250 To 500, Add	0.11	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208 For > 20000, Deduct	-0.18	
09910-0009	SF Paint Exterior Brick 1 Coat Filler, Spray.....	0.40	
	09MOD-0181 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.23	
	09MOD-0203 For > 100 To 250, Add	0.11	
	09MOD-0204 For > 250 To 500, Add	0.05	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208 For > 20000, Deduct	-0.08	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09910-0010	SF	Paint Exterior Brick 1 Coat Paint, Spray	0.40	
	09MOD-0181	For Oil Based Paint, Add	0.03	
	09MOD-0198	For Work > 20', Add	0.06	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.19	
	09MOD-0203	For > 100 To 250, Add	0.10	
	09MOD-0204	For > 250 To 500, Add	0.04	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208	For > 20000, Deduct	-0.08	
09910-0011	SF	Paint Exterior Brick 2 Coats Paint, Spray.....	0.86	
	09MOD-0181	For Oil Based Paint, Add	0.06	
	09MOD-0198	For Work > 20', Add	0.14	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.47	
	09MOD-0203	For > 100 To 250, Add	0.23	
	09MOD-0204	For > 250 To 500, Add	0.10	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208	For > 20000, Deduct	-0.17	
09910-0012		Concrete Surface (09910-0001)		
09910-0013	SF	Paint Exterior Concrete, 1 Coat Filler, Brush Work.....	0.48	
	09MOD-0182	For Oil Based Paint, Add	0.03	
	09MOD-0183	For Epoxy Paint, Add	0.05	
	09MOD-0198	For Work > 20', Add	0.10	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.31	
	09MOD-0203	For > 100 To 250, Add	0.15	
	09MOD-0204	For > 250 To 500, Add	0.06	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208	For > 20000, Deduct	-0.10	
09910-0014	SF	Paint Exterior Concrete, 1 Coat Paint, Brush Work.....	0.51	
	09MOD-0182	For Oil Based Paint, Add	0.03	
	09MOD-0183	For Epoxy Paint, Add	0.05	
	09MOD-0198	For Work > 20', Add	0.11	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.34	
	09MOD-0203	For > 100 To 250, Add	0.16	
	09MOD-0204	For > 250 To 500, Add	0.07	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208	For > 20000, Deduct	-0.10	
09910-0015	SF	Paint Exterior Concrete, 2 Coats Paint, Brush Work.....	0.96	
	09MOD-0182	For Oil Based Paint, Add	0.06	
	09MOD-0183	For Epoxy Paint, Add	0.09	
	09MOD-0198	For Work > 20', Add	0.21	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.64	
	09MOD-0203	For > 100 To 250, Add	0.30	
	09MOD-0204	For > 250 To 500, Add	0.13	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208	For > 20000, Deduct	-0.19	
09910-0016	SF	Paint Exterior Concrete, 1 Coat Filler, Brush/Roller Work.....	0.38	
	09MOD-0182	For Oil Based Paint, Add	0.02	
	09MOD-0183	For Epoxy Paint, Add	0.05	
	09MOD-0198	For Work > 20', Add	0.07	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.23	
	09MOD-0203	For > 100 To 250, Add	0.11	
	09MOD-0204	For > 250 To 500, Add	0.05	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208	For > 20000, Deduct	-0.08	
09910-0017	SF	Paint Exterior Concrete, 1 Coat Paint, Brush/Roller Work.....	0.43	
	09MOD-0182	For Oil Based Paint, Add	0.03	
	09MOD-0183	For Epoxy Paint, Add	0.04	
	09MOD-0198	For Work > 20', Add	0.09	
		Note: Applied only to work area above 20'.		
	09MOD-0202	For Up To 100, Add	0.28	
	09MOD-0203	For > 100 To 250, Add	0.13	
	09MOD-0204	For > 250 To 500, Add	0.06	
	09MOD-0205	For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207	For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208	For > 20000, Deduct	-0.09	



Finishes 09000	9900
Paints And Coatings	09900
Exterior Painting	09910

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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0018	SF Paint Exterior Concrete, 2 Coats Paint, Brush/Roller Work	0.73	
	09MOD-0182 For Oil Based Paint, Add	0.04	
	09MOD-0183 For Epoxy Paint, Add	0.08	
	09MOD-0198 For Work > 20', Add	0.15	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.46	
	09MOD-0203 For > 100 To 250, Add	0.22	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0208 For > 20000, Deduct	-0.15	
09910-0019	SF Paint Exterior Concrete, 1 Coat Filler, Spray	0.37	
	09MOD-0182 For Oil Based Paint, Add	0.02	
	09MOD-0183 For Epoxy Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.21	
	09MOD-0203 For > 100 To 250, Add	0.10	
	09MOD-0204 For > 250 To 500, Add	0.04	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208 For > 20000, Deduct	-0.07	
09910-0020	SF Paint Exterior Concrete, 1 Coat Paint, Spray	0.33	
	09MOD-0182 For Oil Based Paint, Add	0.02	
	09MOD-0183 For Epoxy Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.06	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.19	
	09MOD-0203 For > 100 To 250, Add	0.09	
	09MOD-0204 For > 250 To 500, Add	0.04	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0208 For > 20000, Deduct	-0.07	
09910-0021	SF Paint Exterior Concrete, 2 Coats Paint, Spray	0.58	
	09MOD-0182 For Oil Based Paint, Add	0.04	
	09MOD-0183 For Epoxy Paint, Add	0.08	
	09MOD-0198 For Work > 20', Add	0.10	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.33	
	09MOD-0203 For > 100 To 250, Add	0.16	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.12	
09910-0022	Concrete Masonry Unit (Block) Surfaces (09910-0001)		
09910-0023	Concrete Masonry Unit, Epoxy Paint (09910-0022)		
09910-0024	SF Paint Exterior Concrete Masonry Units, 1 Coat Filler, Brush Work	0.66	
	09MOD-0198 For Work > 20', Add	0.13	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.40	
	09MOD-0203 For > 100 To 250, Add	0.19	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208 For > 20000, Deduct	-0.13	
09910-0025	SF Paint Exterior Concrete Masonry Units, 1 Coat Epoxy Paint, Brush	0.76	
	09MOD-0198 For Work > 20', Add	0.15	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.47	
	09MOD-0203 For > 100 To 250, Add	0.23	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0208 For > 20000, Deduct	-0.15	
09910-0026	SF Paint Exterior Concrete Masonry Units, 2 Coats Epoxy Paint, Brush Work	1.32	
	09MOD-0198 For Work > 20', Add	0.25	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.80	
	09MOD-0203 For > 100 To 250, Add	0.38	
	09MOD-0204 For > 250 To 500, Add	0.17	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.07	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.13	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.20	
	09MOD-0208 For > 20000, Deduct	-0.26	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0027	SF		Paint Exterior Concrete Masonry Units, 1 Coat Filler, Brush/Roller Work.....	0.54	
	09MOD-0198		For Work > 20', Add	0.10	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.31	
	09MOD-0203		For > 100 To 250, Add	0.15	
	09MOD-0204		For > 250 To 500, Add	0.07	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.11	
09910-0028	SF		Paint Exterior Concrete Masonry Units, 1 Coat Epoxy Paint, Brush/Roller Work	0.60	
	09MOD-0198		For Work > 20', Add	0.11	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.35	
	09MOD-0203		For > 100 To 250, Add	0.17	
	09MOD-0204		For > 250 To 500, Add	0.07	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208		For > 20000, Deduct	-0.12	
09910-0029	SF		Paint Exterior Concrete Masonry Units, 2 Coats Epoxy Paint, Brush/Roller Work.....	1.06	
	09MOD-0198		For Work > 20', Add	0.19	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.60	
	09MOD-0203		For > 100 To 250, Add	0.29	
	09MOD-0204		For > 250 To 500, Add	0.13	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.16	
	09MOD-0208		For > 20000, Deduct	-0.21	
09910-0030	SF		Paint Exterior Concrete Masonry Units, 1 Coat Filler, Sprayed	0.56	
	09MOD-0198		For Work > 20', Add	0.09	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.31	
	09MOD-0203		For > 100 To 250, Add	0.15	
	09MOD-0204		For > 250 To 500, Add	0.07	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.11	
09910-0031	SF		Paint Exterior Concrete Masonry Units, 1 Coat Epoxy Paint, Sprayed	0.52	
	09MOD-0198		For Work > 20', Add	0.08	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.28	
	09MOD-0203		For > 100 To 250, Add	0.13	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0032	SF		Paint Exterior Concrete Masonry Units, 2 Coats Epoxy Paint, Sprayed	1.00	
	09MOD-0198		For Work > 20', Add	0.15	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.51	
	09MOD-0203		For > 100 To 250, Add	0.25	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208		For > 20000, Deduct	-0.20	
09910-0033			Concrete Masonry Unit Surfaces, Acrylic Latex Paint (09910-0022)		
09910-0034	SF		Paint Exterior Concrete Masonry Units, 1 Coat Filler, Brush Work.....	0.61	
	09MOD-0184		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.13	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.39	
	09MOD-0203		For > 100 To 250, Add	0.19	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208		For > 20000, Deduct	-0.12	
09910-0035	SF		Paint Exterior Concrete Masonry Units, 1 Coat Paint, Brush Work.....	0.72	
	09MOD-0184		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.15	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.46	
	09MOD-0203		For > 100 To 250, Add	0.22	
	09MOD-0204		For > 250 To 500, Add	0.09	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0208		For > 20000, Deduct	-0.14	



Finishes 09000	9900
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0036 SF Paint Exterior Concrete Masonry Units, 2 Coats Paint, Brush Work.....	1.31	
09MOD-0184 For Oil Based Paint, Add	0.08	
09MOD-0198 For Work > 20', Add	0.26	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.81	
09MOD-0203 For > 100 To 250, Add	0.39	
09MOD-0204 For > 250 To 500, Add	0.17	
09MOD-0205 For > 2500 To 5000, Deduct	-0.07	
09MOD-0206 For > 5000 To 10000, Deduct	-0.13	
09MOD-0207 For > 10000 To 20000, Deduct	-0.20	
09MOD-0208 For > 20000, Deduct	-0.26	
09910-0037 SF Paint Exterior Concrete Masonry Units, Texture Coat, Brush Work.....	0.80	
09MOD-0184 For Oil Based Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.16	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.50	
09MOD-0203 For > 100 To 250, Add	0.24	
09MOD-0204 For > 250 To 500, Add	0.10	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
09MOD-0207 For > 10000 To 20000, Deduct	-0.12	
09MOD-0208 For > 20000, Deduct	-0.16	
09910-0038 SF Paint Exterior Concrete Masonry Units, 1 Coat Filler, Brush/Roller Work.....	0.49	
09MOD-0184 For Oil Based Paint, Add	0.03	
09MOD-0198 For Work > 20', Add	0.10	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.30	
09MOD-0203 For > 100 To 250, Add	0.14	
09MOD-0204 For > 250 To 500, Add	0.06	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
09MOD-0208 For > 20000, Deduct	-0.10	
09910-0039 SF Paint Exterior Concrete Masonry Units, 1 Coat Paint, Brush/Roller Work	0.61	
09MOD-0184 For Oil Based Paint, Add	0.04	
09MOD-0198 For Work > 20', Add	0.12	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.37	
09MOD-0203 For > 100 To 250, Add	0.18	
09MOD-0204 For > 250 To 500, Add	0.08	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
09MOD-0208 For > 20000, Deduct	-0.12	
09910-0040 SF Paint Exterior Concrete Masonry Units, 2 Coats Paint, Brush/Roller Work	1.04	
09MOD-0184 For Oil Based Paint, Add	0.07	
09MOD-0198 For Work > 20', Add	0.19	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.61	
09MOD-0203 For > 100 To 250, Add	0.29	
09MOD-0204 For > 250 To 500, Add	0.13	
09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
09MOD-0207 For > 10000 To 20000, Deduct	-0.16	
09MOD-0208 For > 20000, Deduct	-0.21	
09910-0041 SF Paint Exterior Concrete Masonry Units, Texture Coat, Brush/Roller Work.....	0.69	
09MOD-0184 For Oil Based Paint, Add	0.04	
09MOD-0198 For Work > 20', Add	0.13	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.42	
09MOD-0203 For > 100 To 250, Add	0.20	
09MOD-0204 For > 250 To 500, Add	0.09	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
09MOD-0207 For > 10000 To 20000, Deduct	-0.10	
09MOD-0208 For > 20000, Deduct	-0.14	
09910-0042 SF Paint Exterior Concrete Masonry Units, 1 Coat Filler, Spray	0.50	
09MOD-0184 For Oil Based Paint, Add	0.03	
09MOD-0198 For Work > 20', Add	0.09	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.29	
09MOD-0203 For > 100 To 250, Add	0.14	
09MOD-0204 For > 250 To 500, Add	0.06	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
09MOD-0208 For > 20000, Deduct	-0.10	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0043	SF		Paint Exterior Concrete Masonry Units, 1 Coat Paint, Spray	0.53	
	09MOD-0184		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.09	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.29	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.11	
09910-0044	SF		Paint Exterior Concrete Masonry Units, 2 Coats Paint, Spray	0.83	
	09MOD-0184		For Oil Based Paint, Add	0.05	
	09MOD-0198		For Work > 20', Add	0.16	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.50	
	09MOD-0203		For > 100 To 250, Add	0.24	
	09MOD-0204		For > 250 To 500, Add	0.10	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0045	SF		Paint Exterior Concrete Masonry Units, Texture Coat, Spray	0.68	
	09MOD-0184		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.12	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.38	
	09MOD-0203		For > 100 To 250, Add	0.19	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208		For > 20000, Deduct	-0.14	
09910-0046			Drywall/Plaster Surfaces (09910-0001)		
09910-0047	SF		Paint Exterior Drywall/Plaster, 1 Coat Primer, Brush Work	0.49	
	09MOD-0185		For Oil Based Paint, Add	0.03	
	09MOD-0186		For Orange Peel Finish, Add	0.07	
	09MOD-0198		For Work > 20', Add	0.10	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.31	
	09MOD-0203		For > 100 To 250, Add	0.15	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0048	SF		Paint Exterior Drywall/Plaster, 1 Coat Paint, Brush Work	0.53	
	09MOD-0185		For Oil Based Paint, Add	0.03	
	09MOD-0186		For Orange Peel Finish, Add	0.07	
	09MOD-0198		For Work > 20', Add	0.12	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.36	
	09MOD-0203		For > 100 To 250, Add	0.17	
	09MOD-0204		For > 250 To 500, Add	0.07	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.11	
09910-0049	SF		Paint Exterior Drywall/Plaster, 2 Coats Paint, Brush Work	0.96	
	09MOD-0185		For Oil Based Paint, Add	0.06	
	09MOD-0186		For Orange Peel Finish, Add	0.13	
	09MOD-0198		For Work > 20', Add	0.21	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.64	
	09MOD-0203		For > 100 To 250, Add	0.30	
	09MOD-0204		For > 250 To 500, Add	0.13	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208		For > 20000, Deduct	-0.19	
09910-0050	SF		Paint Exterior Drywall/Plaster, 1 Coat Primer, Brush/Roller Work	0.38	
	09MOD-0185		For Oil Based Paint, Add	0.02	
	09MOD-0186		For Orange Peel Finish, Add	0.05	
	09MOD-0198		For Work > 20', Add	0.07	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.23	
	09MOD-0203		For > 100 To 250, Add	0.11	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.08	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0051 SF Paint Exterior Drywall/Plaster, 1 Coat Paint, Brush/Roller Work.....	0.39	
09MOD-0185 For Oil Based Paint, Add	0.02	
09MOD-0186 For Orange Peel Finish, Add	0.05	
09MOD-0198 For Work > 20', Add	0.08	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.25	
09MOD-0203 For > 100 To 250, Add	0.12	
09MOD-0204 For > 250 To 500, Add	0.05	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
09MOD-0208 For > 20000, Deduct	-0.08	
09910-0052 SF Paint Exterior Drywall/Plaster, 2 Coats Paint, Brush/Roller Work.....	0.71	
09MOD-0185 For Oil Based Paint, Add	0.04	
09MOD-0186 For Orange Peel Finish, Add	0.10	
09MOD-0198 For Work > 20', Add	0.14	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.45	
09MOD-0203 For > 100 To 250, Add	0.21	
09MOD-0204 For > 250 To 500, Add	0.09	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
09MOD-0208 For > 20000, Deduct	-0.14	
09910-0053 SF Paint Exterior Drywall/Plaster, 1 Coat Primer, Spray.....	0.37	
09MOD-0185 For Oil Based Paint, Add	0.02	
09MOD-0198 For Work > 20', Add	0.07	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.21	
09MOD-0203 For > 100 To 250, Add	0.10	
09MOD-0204 For > 250 To 500, Add	0.04	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
09MOD-0208 For > 20000, Deduct	-0.07	
09910-0054 SF Paint Exterior Drywall/Plaster, 1 Coat Paint, Spray.....	0.39	
09MOD-0185 For Oil Based Paint, Add	0.02	
09MOD-0198 For Work > 20', Add	0.08	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.24	
09MOD-0203 For > 100 To 250, Add	0.11	
09MOD-0204 For > 250 To 500, Add	0.05	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
09MOD-0208 For > 20000, Deduct	-0.08	
09910-0055 SF Paint Exterior Drywall/Plaster, 2 Coats Paint, Spray.....	0.75	
09MOD-0185 For Oil Based Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.14	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.45	
09MOD-0203 For > 100 To 250, Add	0.22	
09MOD-0204 For > 250 To 500, Add	0.09	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
09MOD-0208 For > 20000, Deduct	-0.15	
09910-0056 Metal Surfaces <small>(09910-0001)</small>		
09910-0057 Galvanized Surfaces, Galvanized Primer <small>(09910-0056)</small>		
Note: Linseed oil or acrylic latex paint		
09910-0058 SF Paint Exterior Galvanized Surfaces, One Coat Primer, Brush Work.....	0.57	
09MOD-0198 For Work > 20', Add	0.11	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.36	
09MOD-0203 For > 100 To 250, Add	0.17	
09MOD-0204 For > 250 To 500, Add	0.07	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
09MOD-0208 For > 20000, Deduct	-0.11	
09910-0059 SF Paint Exterior Galvanized Surfaces, One Coat Paint, Brush Work.....	0.63	
09MOD-0198 For Work > 20', Add	0.13	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.40	
09MOD-0203 For > 100 To 250, Add	0.19	
09MOD-0204 For > 250 To 500, Add	0.08	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
09MOD-0208 For > 20000, Deduct	-0.13	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0060	SF		Paint Exterior Galvanized Surfaces, Two Coats Paint, Brush Work.....	1.15	
	09MOD-0198		For Work > 20', Add	0.23	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.71	
	09MOD-0203		For > 100 To 250, Add	0.34	
	09MOD-0204		For > 250 To 500, Add	0.15	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0208		For > 20000, Deduct	-0.23	
09910-0061	SF		Paint Exterior Galvanized Surfaces, One Coat Primer, Brush/Roller Work.....	0.43	
	09MOD-0198		For Work > 20', Add	0.08	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.26	
	09MOD-0203		For > 100 To 250, Add	0.13	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.09	
09910-0062	SF		Paint Exterior Galvanized Surfaces, One Coat Paint, Brush/Roller Work.....	0.50	
	09MOD-0198		For Work > 20', Add	0.10	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.31	
	09MOD-0203		For > 100 To 250, Add	0.15	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0063	SF		Paint Exterior Galvanized Surfaces, Two Coats Paint, Brush/Roller Work.....	0.91	
	09MOD-0198		For Work > 20', Add	0.18	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.56	
	09MOD-0203		For > 100 To 250, Add	0.27	
	09MOD-0204		For > 250 To 500, Add	0.12	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208		For > 20000, Deduct	-0.18	
09910-0064	SF		Paint Exterior Galvanized Surfaces, One Primer, Sprayed.....	0.37	
	09MOD-0198		For Work > 20', Add	0.06	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.19	
	09MOD-0203		For > 100 To 250, Add	0.09	
	09MOD-0204		For > 250 To 500, Add	0.04	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.07	
09910-0065	SF		Paint Exterior Galvanized Surfaces, One Paint, Sprayed.....	0.50	
	09MOD-0198		For Work > 20', Add	0.09	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.29	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0066	SF		Paint Exterior Galvanized Surfaces, Two Coats Paint, Sprayed.....	0.83	
	09MOD-0198		For Work > 20', Add	0.14	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.45	
	09MOD-0203		For > 100 To 250, Add	0.22	
	09MOD-0204		For > 250 To 500, Add	0.10	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0067			Aluminum And Aluminum Alloy Surface Pretreatment Primer (09910-0056)		
			Note: Alkyd enamel paint		
09910-0068	SF		Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush Work.....	0.57	
	09MOD-0198		For Work > 20', Add	0.11	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.36	
	09MOD-0203		For > 100 To 250, Add	0.17	
	09MOD-0204		For > 250 To 500, Add	0.07	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208		For > 20000, Deduct	-0.11	



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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0069	SF Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush Work.....	0.63	
	09MOD-0198 For Work > 20', Add	0.13	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.40	
	09MOD-0203 For > 100 To 250, Add	0.19	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.13	
09910-0070	SF Paint Exterior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush Work.....	1.14	
	09MOD-0198 For Work > 20', Add	0.23	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.71	
	09MOD-0203 For > 100 To 250, Add	0.34	
	09MOD-0204 For > 250 To 500, Add	0.15	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.17	
	09MOD-0208 For > 20000, Deduct	-0.23	
09910-0071	SF Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush/Roller Work.....	0.46	
	09MOD-0198 For Work > 20', Add	0.08	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.26	
	09MOD-0203 For > 100 To 250, Add	0.13	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	
09910-0072	SF Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush/Roller Work.....	0.53	
	09MOD-0198 For Work > 20', Add	0.10	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.31	
	09MOD-0203 For > 100 To 250, Add	0.15	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0073	SF Paint Exterior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush/Roller Work.....	0.98	
	09MOD-0198 For Work > 20', Add	0.18	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.57	
	09MOD-0203 For > 100 To 250, Add	0.27	
	09MOD-0204 For > 250 To 500, Add	0.12	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208 For > 20000, Deduct	-0.20	
09910-0074	SF Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat, Sprayed.....	0.42	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.23	
	09MOD-0203 For > 100 To 250, Add	0.11	
	09MOD-0204 For > 250 To 500, Add	0.05	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208 For > 20000, Deduct	-0.08	
09910-0075	SF Paint Exterior Aluminum And Aluminum Alloy Surface, One Coat Paint, Sprayed.....	0.50	
	09MOD-0198 For Work > 20', Add	0.09	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.29	
	09MOD-0203 For > 100 To 250, Add	0.14	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.10	
09910-0076	SF Paint Exterior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Sprayed.....	0.83	
	09MOD-0198 For Work > 20', Add	0.14	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.45	
	09MOD-0203 For > 100 To 250, Add	0.22	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208 For > 20000, Deduct	-0.17	

09910-0077 Aluminum And Aluminum Alloy, Heat Resistant (09910-0056)

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09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0078	LF		Paint Exterior Aluminum Roof Stack With Heat Resistant Paint, One Coat Primer, Per LF Of Stack 8.92		
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	2.06	
	09MOD-0202		For Up To 100, Add	6.27	
	09MOD-0203		For > 100 To 250, Add	2.95	
	09MOD-0204		For > 250 To 500, Add	1.27	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.45	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.89	
	09MOD-0207		For > 10000 To 20000, Deduct	-1.34	
	09MOD-0208		For > 20000, Deduct	-1.78	
09910-0079	LF		Paint Exterior Aluminum Roof Stack With Heat Resistant Paint, One Coat Paint, Per LF Of Stack..... 9.92		
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	2.28	
	09MOD-0202		For Up To 100, Add	6.97	
	09MOD-0203		For > 100 To 250, Add	3.27	
	09MOD-0204		For > 250 To 500, Add	1.41	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.50	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.99	
	09MOD-0207		For > 10000 To 20000, Deduct	-1.49	
	09MOD-0208		For > 20000, Deduct	-1.98	
09910-0080	LF		Paint Exterior Aluminum Roof Stack With Heat Resistant Paint, Two Coats Paint, Per LF Of Stack..... 18.57		
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	4.29	
	09MOD-0202		For Up To 100, Add	13.08	
	09MOD-0203		For > 100 To 250, Add	6.15	
	09MOD-0204		For > 250 To 500, Add	2.64	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.93	
	09MOD-0206		For > 5000 To 10000, Deduct	-1.86	
	09MOD-0207		For > 10000 To 20000, Deduct	-2.79	
	09MOD-0208		For > 20000, Deduct	-3.71	
09910-0081			Corrugated Metal Surfaces (09910-0056)		
09910-0082	SF		Paint Exterior Corrugated Metal Surfaces, One Primer, Sprayed 0.46		
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	0.08	
	09MOD-0202		For Up To 100, Add	0.25	
	09MOD-0203		For > 100 To 250, Add	0.12	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208		For > 20000, Deduct	-0.09	
09910-0083	SF		Paint Exterior Corrugated Metal Surfaces, One Paint, Sprayed 0.65		
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	0.12	
	09MOD-0202		For Up To 100, Add	0.39	
	09MOD-0203		For > 100 To 250, Add	0.19	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208		For > 20000, Deduct	-0.13	
09910-0084	SF		Paint Exterior Corrugated Metal Surfaces, Two Coats Paint, Sprayed 1.05		
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	0.18	
	09MOD-0202		For Up To 100, Add	0.60	
	09MOD-0203		For > 100 To 250, Add	0.29	
	09MOD-0204		For > 250 To 500, Add	0.13	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.16	
	09MOD-0208		For > 20000, Deduct	-0.21	
09910-0085			Stucco Surfaces (09910-0001)		
09910-0086	SF		Paint Exterior Stucco Surfaces One Coat Primer, Brush Work..... 0.81		
	09MOD-0187		For Oil Based Paint, Add	0.05	
	09MOD-0198		For Work > 20', Add Note: Applied only to work area above 20'.	0.18	
	09MOD-0202		For Up To 100, Add	0.54	
	09MOD-0203		For > 100 To 250, Add	0.26	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208		For > 20000, Deduct	-0.16	



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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0087	SF Paint Exterior Stucco Surfaces One Coat Paint, Brush Work	0.88	
	09MOD-0187 For Oil Based Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.19	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.59	
	09MOD-0203 For > 100 To 250, Add	0.28	
	09MOD-0204 For > 250 To 500, Add	0.12	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208 For > 20000, Deduct	-0.18	
09910-0088	SF Paint Exterior Stucco Surfaces, Two Coats Paint, Brush Work	1.65	
	09MOD-0187 For Oil Based Paint, Add	0.10	
	09MOD-0198 For Work > 20', Add	0.35	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	1.09	
	09MOD-0203 For > 100 To 250, Add	0.52	
	09MOD-0204 For > 250 To 500, Add	0.22	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.08	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.17	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.25	
	09MOD-0208 For > 20000, Deduct	-0.33	
09910-0089	SF Paint Exterior Stucco Surfaces One Coat Primer, Brush/Roller Work	0.62	
	09MOD-0187 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.13	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.40	
	09MOD-0203 For > 100 To 250, Add	0.19	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.12	
09910-0090	SF Paint Exterior Stucco Surfaces One Coat Paint, Brush/Roller Work	0.69	
	09MOD-0187 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.14	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.45	
	09MOD-0203 For > 100 To 250, Add	0.21	
	09MOD-0204 For > 250 To 500, Add	0.09	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208 For > 20000, Deduct	-0.14	
09910-0091	SF Paint Exterior Stucco Surfaces, Two Coats Paint, Brush/Roller Work	1.28	
	09MOD-0187 For Oil Based Paint, Add	0.08	
	09MOD-0198 For Work > 20', Add	0.26	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.81	
	09MOD-0203 For > 100 To 250, Add	0.39	
	09MOD-0204 For > 250 To 500, Add	0.17	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.13	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.19	
	09MOD-0208 For > 20000, Deduct	-0.26	
09910-0092	SF Paint Exterior Stucco Surfaces One Coat Primer, Sprayed	0.58	
	09MOD-0187 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.12	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.36	
	09MOD-0203 For > 100 To 250, Add	0.17	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.12	
09910-0093	SF Paint Exterior Stucco Surfaces One Coat Paint, Sprayed	0.62	
	09MOD-0187 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.12	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.37	
	09MOD-0203 For > 100 To 250, Add	0.18	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.12	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0094	SF		Paint Exterior Stucco Surfaces, Two Coats Paint, Sprayed.....	1.20	
	09MOD-0187		For Oil Based Paint, Add	0.07	
	09MOD-0198		For Work > 20', Add	0.23	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.73	
	09MOD-0203		For > 100 To 250, Add	0.35	
	09MOD-0204		For > 250 To 500, Add	0.15	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.18	
	09MOD-0208		For > 20000, Deduct	-0.24	
09910-0095			Wood Surfaces (09910-0001)		
09910-0096			Smooth Wood (09910-0095)		
			Note: Includes tongue and groove, beveled, drop or board and batten siding		
09910-0097	SF		Paint Exterior Wood Smooth Siding, One Coat Primer, Brush Work	0.59	
	09MOD-0188		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.12	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.37	
	09MOD-0203		For > 100 To 250, Add	0.18	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208		For > 20000, Deduct	-0.12	
09910-0098	SF		Paint Exterior Wood Smooth Siding, One Coat Paint, Brush Work.....	0.63	
	09MOD-0188		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.13	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.41	
	09MOD-0203		For > 100 To 250, Add	0.19	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208		For > 20000, Deduct	-0.13	
09910-0099	SF		Paint Exterior Wood Smooth Siding, Two Coats Paint, Brush Work	1.11	
	09MOD-0188		For Oil Based Paint, Add	0.07	
	09MOD-0198		For Work > 20', Add	0.23	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.71	
	09MOD-0203		For > 100 To 250, Add	0.34	
	09MOD-0204		For > 250 To 500, Add	0.15	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0208		For > 20000, Deduct	-0.22	
09910-0100	SF		Paint Exterior Wood Smooth Siding, One Coat Primer, Brush/Roller Work	0.47	
	09MOD-0188		For Oil Based Paint, Add	0.03	
	09MOD-0198		For Work > 20', Add	0.08	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.27	
	09MOD-0203		For > 100 To 250, Add	0.13	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208		For > 20000, Deduct	-0.09	
09910-0101	SF		Paint Exterior Wood Smooth Siding, One Coat Paint, Brush/Roller Work	0.51	
	09MOD-0188		For Oil Based Paint, Add	0.03	
	09MOD-0198		For Work > 20', Add	0.10	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.31	
	09MOD-0203		For > 100 To 250, Add	0.15	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0102	SF		Paint Exterior Wood Smooth Siding, Two Coats Paint, Brush/Roller Work.....	0.95	
	09MOD-0188		For Oil Based Paint, Add	0.06	
	09MOD-0198		For Work > 20', Add	0.18	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.56	
	09MOD-0203		For > 100 To 250, Add	0.27	
	09MOD-0204		For > 250 To 500, Add	0.12	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208		For > 20000, Deduct	-0.19	



Finishes 09000	9900
Paints And Coatings	09900
Exterior Painting	09910

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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0103	SF Paint Exterior Wood Smooth Siding, One Coat Primer, Sprayed.....	0.42	
	09MOD-0188 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.23	
	09MOD-0203 For > 100 To 250, Add	0.11	
	09MOD-0204 For > 250 To 500, Add	0.05	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208 For > 20000, Deduct	-0.08	
09910-0104	SF Paint Exterior Wood Smooth Siding, One Coat Paint, Sprayed.....	0.50	
	09MOD-0188 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.09	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.29	
	09MOD-0203 For > 100 To 250, Add	0.14	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.10	
09910-0105	SF Paint Exterior Wood Smooth Siding, Two Coats Paint, Sprayed.....	0.81	
	09MOD-0188 For Oil Based Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.14	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.45	
	09MOD-0203 For > 100 To 250, Add	0.22	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208 For > 20000, Deduct	-0.16	
09910-0106	Rough Wood <small>(09910-0095)</small>		
	Note: Includes shingles, shakes or rough sawn siding.		
09910-0107	SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Primer, Brush Work.....	0.91	
	09MOD-0189 For Oil Based Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.19	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.60	
	09MOD-0203 For > 100 To 250, Add	0.28	
	09MOD-0204 For > 250 To 500, Add	0.12	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208 For > 20000, Deduct	-0.18	
09910-0108	SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Paint, Brush Work.....	0.92	
	09MOD-0189 For Oil Based Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.20	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.62	
	09MOD-0203 For > 100 To 250, Add	0.29	
	09MOD-0204 For > 250 To 500, Add	0.13	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208 For > 20000, Deduct	-0.18	
09910-0109	SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, Two Coats Paint, Brush Work.....	1.69	
	09MOD-0189 For Oil Based Paint, Add	0.10	
	09MOD-0198 For Work > 20', Add	0.37	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	1.14	
	09MOD-0203 For > 100 To 250, Add	0.54	
	09MOD-0204 For > 250 To 500, Add	0.23	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.08	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.17	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.25	
	09MOD-0208 For > 20000, Deduct	-0.34	
09910-0110	SF Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Primer, Brush/Roller Work.....	0.81	
	09MOD-0189 For Oil Based Paint, Add	0.05	
	09MOD-0198 For Work > 20', Add	0.15	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.47	
	09MOD-0203 For > 100 To 250, Add	0.23	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208 For > 20000, Deduct	-0.16	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09910-0111	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Paint, Brush/Roller Work.....	0.87		
	09MOD-0189	For Oil Based Paint, Add	0.06		
	09MOD-0198	For Work > 20', Add	0.16		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.51		
	09MOD-0203	For > 100 To 250, Add	0.25		
	09MOD-0204	For > 250 To 500, Add	0.11		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.04		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.09		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.13		
	09MOD-0208	For > 20000, Deduct	-0.17		
09910-0112	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, Two Coats Paint, Brush/Roller Work.....	1.61		
	09MOD-0189	For Oil Based Paint, Add	0.10		
	09MOD-0198	For Work > 20', Add	0.29		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.93		
	09MOD-0203	For > 100 To 250, Add	0.45		
	09MOD-0204	For > 250 To 500, Add	0.20		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.08		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.16		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.24		
	09MOD-0208	For > 20000, Deduct	-0.32		
09910-0113	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Primer, Sprayed.....	0.64		
	09MOD-0189	For Oil Based Paint, Add	0.04		
	09MOD-0198	For Work > 20', Add	0.11		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.37		
	09MOD-0203	For > 100 To 250, Add	0.18		
	09MOD-0204	For > 250 To 500, Add	0.08		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.03		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.06		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.10		
	09MOD-0208	For > 20000, Deduct	-0.13		
09910-0114	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, One Coat Paint, Sprayed.....	0.74		
	09MOD-0189	For Oil Based Paint, Add	0.05		
	09MOD-0198	For Work > 20', Add	0.14		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.44		
	09MOD-0203	For > 100 To 250, Add	0.21		
	09MOD-0204	For > 250 To 500, Add	0.09		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.04		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.07		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.11		
	09MOD-0208	For > 20000, Deduct	-0.15		
09910-0115	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, Two Coats Paint, Sprayed.....	1.40		
	09MOD-0189	For Oil Based Paint, Add	0.09		
	09MOD-0198	For Work > 20', Add	0.25		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.82		
	09MOD-0203	For > 100 To 250, Add	0.39		
	09MOD-0204	For > 250 To 500, Add	0.17		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.07		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.14		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.21		
	09MOD-0208	For > 20000, Deduct	-0.28		
09910-0116	Vinyl Surfaces (09910-0001)				
09910-0117	SF	Paint Exterior Vinyl Siding, One Coat Primer, Brush Work	0.51		
	09MOD-0190	For Oil Based Paint, Add	0.03		
	09MOD-0198	For Work > 20', Add	0.10		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.31		
	09MOD-0203	For > 100 To 250, Add	0.15		
	09MOD-0204	For > 250 To 500, Add	0.06		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.03		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.05		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.08		
	09MOD-0208	For > 20000, Deduct	-0.10		
09910-0118	SF	Paint Exterior Vinyl Siding, One Coat Paint, Brush Work.....	0.56		
	09MOD-0190	For Oil Based Paint, Add	0.03		
	09MOD-0198	For Work > 20', Add	0.11		
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add	0.35		
	09MOD-0203	For > 100 To 250, Add	0.17		
	09MOD-0204	For > 250 To 500, Add	0.07		
	09MOD-0205	For > 2500 To 5000, Deduct	-0.03		
	09MOD-0206	For > 5000 To 10000, Deduct	-0.06		
	09MOD-0207	For > 10000 To 20000, Deduct	-0.08		
	09MOD-0208	For > 20000, Deduct	-0.11		



Finishes 09000	9900	9
Paints And Coatings	09900	
Exterior Painting	09910	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0119	SF Paint Exterior Vinyl Siding, Two Coats Paint, Brush Work.....	1.02	
	09MOD-0190 For Oil Based Paint, Add	0.06	
	09MOD-0198 For Work > 20', Add	0.19	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.61	
	09MOD-0203 For > 100 To 250, Add	0.29	
	09MOD-0204 For > 250 To 500, Add	0.13	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208 For > 20000, Deduct	-0.20	
09910-0120	SF Paint Exterior Vinyl Siding, One Coat Primer, Brush/Roller Work.....	0.46	
	09MOD-0190 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.08	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.26	
	09MOD-0203 For > 100 To 250, Add	0.13	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	
09910-0121	SF Paint Exterior Vinyl Siding, One Coat Paint, Brush/Roller Work.....	0.46	
	09MOD-0190 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.08	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.26	
	09MOD-0203 For > 100 To 250, Add	0.13	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	
09910-0122	SF Paint Exterior Vinyl Siding, Two Coats Paint, Brush/Roller Work.....	0.86	
	09MOD-0190 For Oil Based Paint, Add	0.06	
	09MOD-0198 For Work > 20', Add	0.15	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.48	
	09MOD-0203 For > 100 To 250, Add	0.23	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208 For > 20000, Deduct	-0.17	
09910-0123	SF Paint Exterior Vinyl Siding, One Coat Primer, Sprayed.....	0.46	
	09MOD-0190 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.24	
	09MOD-0203 For > 100 To 250, Add	0.12	
	09MOD-0204 For > 250 To 500, Add	0.05	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	
09910-0124	SF Paint Exterior Vinyl Siding, One Coat Paint, Sprayed.....	0.51	
	09MOD-0190 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.07	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.24	
	09MOD-0203 For > 100 To 250, Add	0.12	
	09MOD-0204 For > 250 To 500, Add	0.05	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.10	
09910-0125	SF Paint Exterior Vinyl Siding, Two Coats Paint, Sprayed.....	0.99	
	09MOD-0190 For Oil Based Paint, Add	0.07	
	09MOD-0198 For Work > 20', Add	0.14	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.48	
	09MOD-0203 For > 100 To 250, Add	0.24	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208 For > 20000, Deduct	-0.20	

09910-0126 Ceilings (09910)
 09910-0127 Concrete (09910-0126)

09000 Finishes
09900 Paints And Coatings
09910 Exterior Painting



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09910-0128	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush Work		0.54	
	09MOD-0191	For Oil Based Paint, Add		0.03	
	09MOD-0192	For Epoxy Paint, Add		0.05	
	09MOD-0198	For Work > 20', Add		0.11	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.35	
	09MOD-0203	For > 100 To 250, Add		0.17	
	09MOD-0204	For > 250 To 500, Add		0.07	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.03	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.05	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.08	
	09MOD-0208	For > 20000, Deduct		-0.11	
09910-0129	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush Work.....		0.58	
	09MOD-0191	For Oil Based Paint, Add		0.03	
	09MOD-0192	For Epoxy Paint, Add		0.05	
	09MOD-0198	For Work > 20', Add		0.13	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.39	
	09MOD-0203	For > 100 To 250, Add		0.19	
	09MOD-0204	For > 250 To 500, Add		0.08	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.03	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.06	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.09	
	09MOD-0208	For > 20000, Deduct		-0.12	
09910-0130	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush Work.....		1.04	
	09MOD-0191	For Oil Based Paint, Add		0.06	
	09MOD-0192	For Epoxy Paint, Add		0.09	
	09MOD-0198	For Work > 20', Add		0.23	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.70	
	09MOD-0203	For > 100 To 250, Add		0.33	
	09MOD-0204	For > 250 To 500, Add		0.14	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.05	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.10	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.16	
	09MOD-0208	For > 20000, Deduct		-0.21	
09910-0131	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work.....		0.42	
	09MOD-0191	For Oil Based Paint, Add		0.03	
	09MOD-0192	For Epoxy Paint, Add		0.05	
	09MOD-0198	For Work > 20', Add		0.08	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.26	
	09MOD-0203	For > 100 To 250, Add		0.12	
	09MOD-0204	For > 250 To 500, Add		0.05	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.04	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.06	
	09MOD-0208	For > 20000, Deduct		-0.08	
09910-0132	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work		0.46	
	09MOD-0191	For Oil Based Paint, Add		0.03	
	09MOD-0192	For Epoxy Paint, Add		0.04	
	09MOD-0198	For Work > 20', Add		0.10	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.30	
	09MOD-0203	For > 100 To 250, Add		0.14	
	09MOD-0204	For > 250 To 500, Add		0.06	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.05	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.07	
	09MOD-0208	For > 20000, Deduct		-0.09	
09910-0133	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work.....		0.84	
	09MOD-0191	For Oil Based Paint, Add		0.05	
	09MOD-0192	For Epoxy Paint, Add		0.08	
	09MOD-0198	For Work > 20', Add		0.18	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.55	
	09MOD-0203	For > 100 To 250, Add		0.26	
	09MOD-0204	For > 250 To 500, Add		0.11	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.04	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.08	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.13	
	09MOD-0208	For > 20000, Deduct		-0.17	
09910-0134	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Spray		0.39	
	09MOD-0191	For Oil Based Paint, Add		0.03	
	09MOD-0192	For Epoxy Paint, Add		0.05	
	09MOD-0198	For Work > 20', Add		0.07	
		Note: Applied only to work area above 20'.			
	09MOD-0202	For Up To 100, Add		0.23	
	09MOD-0203	For > 100 To 250, Add		0.11	
	09MOD-0204	For > 250 To 500, Add		0.05	
	09MOD-0205	For > 2500 To 5000, Deduct		-0.02	
	09MOD-0206	For > 5000 To 10000, Deduct		-0.04	
	09MOD-0207	For > 10000 To 20000, Deduct		-0.06	
	09MOD-0208	For > 20000, Deduct		-0.08	



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Paints And Coatings 09900	
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0135 SF Paint Exterior Concrete Ceiling, 1 Coat Paint, Spray.....	0.45	
09MOD-0191 For Oil Based Paint, Add	0.03	
09MOD-0192 For Epoxy Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.09	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.28	
09MOD-0203 For > 100 To 250, Add	0.14	
09MOD-0204 For > 250 To 500, Add	0.06	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
09MOD-0208 For > 20000, Deduct	-0.09	
09910-0136 SF Paint Exterior Concrete Ceiling, 2 Coats Paint, Spray.....	0.73	
09MOD-0191 For Oil Based Paint, Add	0.05	
09MOD-0192 For Epoxy Paint, Add	0.09	
09MOD-0198 For Work > 20', Add	0.14	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.44	
09MOD-0203 For > 100 To 250, Add	0.21	
09MOD-0204 For > 250 To 500, Add	0.09	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
09MOD-0208 For > 20000, Deduct	-0.15	
09910-0137 Drywall/Plaster <small>(09910-0126)</small>		
09910-0138 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work.....	0.54	
09MOD-0193 For Oil Based Paint, Add	0.03	
09MOD-0194 For Orange Peel Finish, Add	0.08	
09MOD-0195 For Epoxy Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.11	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.35	
09MOD-0203 For > 100 To 250, Add	0.17	
09MOD-0204 For > 250 To 500, Add	0.07	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
09MOD-0208 For > 20000, Deduct	-0.11	
09910-0139 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work.....	0.59	
09MOD-0193 For Oil Based Paint, Add	0.03	
09MOD-0194 For Orange Peel Finish, Add	0.08	
09MOD-0195 For Epoxy Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.13	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.40	
09MOD-0203 For > 100 To 250, Add	0.19	
09MOD-0204 For > 250 To 500, Add	0.08	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
09MOD-0208 For > 20000, Deduct	-0.12	
09910-0140 SF Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work.....	1.04	
09MOD-0193 For Oil Based Paint, Add	0.06	
09MOD-0194 For Orange Peel Finish, Add	0.15	
09MOD-0195 For Epoxy Paint, Add	0.09	
09MOD-0198 For Work > 20', Add	0.23	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.70	
09MOD-0203 For > 100 To 250, Add	0.33	
09MOD-0204 For > 250 To 500, Add	0.14	
09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
09MOD-0207 For > 10000 To 20000, Deduct	-0.16	
09MOD-0208 For > 20000, Deduct	-0.21	
09910-0141 SF Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.41	
09MOD-0193 For Oil Based Paint, Add	0.03	
09MOD-0194 For Orange Peel Finish, Add	0.06	
09MOD-0195 For Epoxy Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.08	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.25	
09MOD-0203 For > 100 To 250, Add	0.12	
09MOD-0204 For > 250 To 500, Add	0.05	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
09MOD-0208 For > 20000, Deduct	-0.08	

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09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0142	SF		Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.46	
	09MOD-0193		For Oil Based Paint, Add	0.03	
	09MOD-0194		For Orange Peel Finish, Add	0.06	
	09MOD-0195		For Epoxy Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.10	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.30	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208		For > 20000, Deduct	-0.09	
09910-0143	SF		Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.84	
	09MOD-0193		For Oil Based Paint, Add	0.05	
	09MOD-0194		For Orange Peel Finish, Add	0.12	
	09MOD-0195		For Epoxy Paint, Add	0.08	
	09MOD-0198		For Work > 20', Add	0.18	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.55	
	09MOD-0203		For > 100 To 250, Add	0.26	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0144	SF		Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Spray.....	0.38	
	09MOD-0193		For Oil Based Paint, Add	0.02	
	09MOD-0195		For Epoxy Paint, Add	0.05	
	09MOD-0198		For Work > 20', Add	0.07	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.22	
	09MOD-0203		For > 100 To 250, Add	0.11	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.08	
09910-0145	SF		Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Spray.....	0.46	
	09MOD-0193		For Oil Based Paint, Add	0.03	
	09MOD-0195		For Epoxy Paint, Add	0.05	
	09MOD-0198		For Work > 20', Add	0.09	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.29	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208		For > 20000, Deduct	-0.09	
09910-0146	SF		Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Spray.....	0.73	
	09MOD-0193		For Oil Based Paint, Add	0.05	
	09MOD-0195		For Epoxy Paint, Add	0.09	
	09MOD-0198		For Work > 20', Add	0.14	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.44	
	09MOD-0203		For > 100 To 250, Add	0.21	
	09MOD-0204		For > 250 To 500, Add	0.09	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0208		For > 20000, Deduct	-0.15	
09910-0147			Wood <small>(09910-0126)</small>		
09910-0148			Smooth Wood <small>(09910-0147)</small>		
			Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09910-0149	SF		Paint Exterior Wood Smooth Ceiling, One Coat Primer, Brush Work.....	0.65	
	09MOD-0196		For Oil Based Paint, Add	0.04	
	09MOD-0198		For Work > 20', Add	0.13	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.42	
	09MOD-0203		For > 100 To 250, Add	0.20	
	09MOD-0204		For > 250 To 500, Add	0.09	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208		For > 20000, Deduct	-0.13	



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Paints And Coatings	09900	
Exterior Painting	09910	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0150	SF Paint Exterior Wood Smooth Ceiling, One Coat Paint, Brush Work.....	0.69	
	09MOD-0196 For Oil Based Paint, Add	0.04	
	09MOD-0198 For Work > 20', Add	0.15	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.45	
	09MOD-0203 For > 100 To 250, Add	0.21	
	09MOD-0204 For > 250 To 500, Add	0.09	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208 For > 20000, Deduct	-0.14	
09910-0151	SF Paint Exterior Wood Smooth Ceiling, Two Coats Paint, Brush Work.....	1.24	
	09MOD-0196 For Oil Based Paint, Add	0.07	
	09MOD-0198 For Work > 20', Add	0.26	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.80	
	09MOD-0203 For > 100 To 250, Add	0.38	
	09MOD-0204 For > 250 To 500, Add	0.17	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.19	
	09MOD-0208 For > 20000, Deduct	-0.25	
09910-0152	SF Paint Exterior Wood Smooth Ceiling, One Coat Primer, Brush/Roller Work.....	0.53	
	09MOD-0196 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.10	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.31	
	09MOD-0203 For > 100 To 250, Add	0.15	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0153	SF Paint Exterior Wood Smooth Ceiling, One Coat Paint, Brush/Roller Work.....	0.57	
	09MOD-0196 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.11	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.36	
	09MOD-0203 For > 100 To 250, Add	0.17	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0154	SF Paint Exterior Wood Smooth Ceiling, Two Coats Paint, Brush/Roller Work.....	1.02	
	09MOD-0196 For Oil Based Paint, Add	0.06	
	09MOD-0198 For Work > 20', Add	0.19	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.62	
	09MOD-0203 For > 100 To 250, Add	0.29	
	09MOD-0204 For > 250 To 500, Add	0.13	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208 For > 20000, Deduct	-0.20	
09910-0155	SF Paint Exterior Wood Smooth Ceiling, One Coat Primer, Sprayed.....	0.47	
	09MOD-0196 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.09	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.29	
	09MOD-0203 For > 100 To 250, Add	0.14	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	
09910-0156	SF Paint Exterior Wood Smooth Ceiling, One Coat Paint, Sprayed.....	0.47	
	09MOD-0196 For Oil Based Paint, Add	0.03	
	09MOD-0198 For Work > 20', Add	0.09	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.29	
	09MOD-0203 For > 100 To 250, Add	0.14	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	

09000 Finishes
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09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0157	SF		Paint Exterior Wood Smooth Ceiling, Two Coats Paint, Sprayed	0.85	
	09MOD-0196		For Oil Based Paint, Add	0.05	
	09MOD-0198		For Work > 20', Add	0.16	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.51	
	09MOD-0203		For > 100 To 250, Add	0.25	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0158			Rough Wood <small>(09910-0147)</small>		
			Note: Includes shingles, shakes or rough sawn siding.		
09910-0159	SF		Paint Exterior Wood Rough Ceiling, One Coat Primer, Brush Work	0.98	
	09MOD-0197		For Oil Based Paint, Add	0.06	
	09MOD-0198		For Work > 20', Add	0.20	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.63	
	09MOD-0203		For > 100 To 250, Add	0.30	
	09MOD-0204		For > 250 To 500, Add	0.13	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208		For > 20000, Deduct	-0.20	
09910-0160	SF		Paint Exterior Wood Rough Ceiling, One Coat Paint, Brush Work.....	1.01	
	09MOD-0197		For Oil Based Paint, Add	0.06	
	09MOD-0198		For Work > 20', Add	0.23	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.69	
	09MOD-0203		For > 100 To 250, Add	0.33	
	09MOD-0204		For > 250 To 500, Add	0.14	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208		For > 20000, Deduct	-0.20	
09910-0161	SF		Paint Exterior Wood Rough Ceiling, Two Coats Paint, Brush Work.....	1.75	
	09MOD-0197		For Oil Based Paint, Add	0.10	
	09MOD-0198		For Work > 20', Add	0.39	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	1.19	
	09MOD-0203		For > 100 To 250, Add	0.56	
	09MOD-0204		For > 250 To 500, Add	0.24	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.09	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.18	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.26	
	09MOD-0208		For > 20000, Deduct	-0.35	
09910-0162	SF		Paint Exterior Wood Rough Ceiling, One Coat Primer, Brush/Roller Work.....	0.87	
	09MOD-0197		For Oil Based Paint, Add	0.06	
	09MOD-0198		For Work > 20', Add	0.16	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.51	
	09MOD-0203		For > 100 To 250, Add	0.25	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0163	SF		Paint Exterior Wood Rough Ceiling, One Coat Paint, Brush/Roller Work.....	0.93	
	09MOD-0197		For Oil Based Paint, Add	0.06	
	09MOD-0198		For Work > 20', Add	0.18	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.56	
	09MOD-0203		For > 100 To 250, Add	0.27	
	09MOD-0204		For > 250 To 500, Add	0.12	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208		For > 20000, Deduct	-0.19	
09910-0164	SF		Paint Exterior Wood Rough Ceiling, Two Coats Paint, Brush/Roller Work.....	1.67	
	09MOD-0197		For Oil Based Paint, Add	0.11	
	09MOD-0198		For Work > 20', Add	0.30	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.98	
	09MOD-0203		For > 100 To 250, Add	0.47	
	09MOD-0204		For > 250 To 500, Add	0.20	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.08	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.17	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.25	
	09MOD-0208		For > 20000, Deduct	-0.33	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0165 SF Paint Exterior Wood Rough Ceiling, One Coat Primer, Sprayed	0.74	
09MOD-0197 For Oil Based Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.14	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.44	
09MOD-0203 For > 100 To 250, Add	0.21	
09MOD-0204 For > 250 To 500, Add	0.09	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
09MOD-0208 For > 20000, Deduct	-0.15	
09910-0166 SF Paint Exterior Wood Rough Ceiling, One Coat Paint, Sprayed.....	0.83	
09MOD-0197 For Oil Based Paint, Add	0.05	
09MOD-0198 For Work > 20', Add	0.16	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.51	
09MOD-0203 For > 100 To 250, Add	0.24	
09MOD-0204 For > 250 To 500, Add	0.11	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.08	
09MOD-0207 For > 10000 To 20000, Deduct	-0.12	
09MOD-0208 For > 20000, Deduct	-0.17	
09910-0167 SF Paint Exterior Wood Rough Ceiling, Two Coats Paint, Sprayed.....	1.50	
09MOD-0197 For Oil Based Paint, Add	0.09	
09MOD-0198 For Work > 20', Add	0.28	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.89	
09MOD-0203 For > 100 To 250, Add	0.43	
09MOD-0204 For > 250 To 500, Add	0.19	
09MOD-0205 For > 2500 To 5000, Deduct	-0.08	
09MOD-0206 For > 5000 To 10000, Deduct	-0.15	
09MOD-0207 For > 10000 To 20000, Deduct	-0.23	
09MOD-0208 For > 20000, Deduct	-0.30	
09910-0168 Metal <small>(09910-0126)</small>		
09910-0169 Galvanized Surfaces, Galvanized Primer <small>(09910-0168)</small>		
Note: Linseed oil or acrylic latex paint		
09910-0170 SF Paint Exterior Galvanized Ceiling, One Coat Primer, Brush Work.....	0.63	
09MOD-0198 For Work > 20', Add	0.13	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.40	
09MOD-0203 For > 100 To 250, Add	0.19	
09MOD-0204 For > 250 To 500, Add	0.08	
09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
09MOD-0208 For > 20000, Deduct	-0.13	
09910-0171 SF Paint Exterior Galvanized Ceiling, One Coat Paint, Brush Work	0.70	
09MOD-0198 For Work > 20', Add	0.15	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.45	
09MOD-0203 For > 100 To 250, Add	0.22	
09MOD-0204 For > 250 To 500, Add	0.09	
09MOD-0205 For > 2500 To 5000, Deduct	-0.04	
09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
09MOD-0207 For > 10000 To 20000, Deduct	-0.11	
09MOD-0208 For > 20000, Deduct	-0.14	
09910-0172 SF Paint Exterior Galvanized Ceiling, Two Coats Paint, Brush Work.....	1.27	
09MOD-0198 For Work > 20', Add	0.26	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.81	
09MOD-0203 For > 100 To 250, Add	0.38	
09MOD-0204 For > 250 To 500, Add	0.17	
09MOD-0205 For > 2500 To 5000, Deduct	-0.06	
09MOD-0206 For > 5000 To 10000, Deduct	-0.13	
09MOD-0207 For > 10000 To 20000, Deduct	-0.19	
09MOD-0208 For > 20000, Deduct	-0.25	
09910-0173 SF Paint Exterior Galvanized Ceiling, One Coat Primer, Brush/Roller Work.....	0.49	
09MOD-0198 For Work > 20', Add	0.10	
Note: Applied only to work area above 20'.		
09MOD-0202 For Up To 100, Add	0.31	
09MOD-0203 For > 100 To 250, Add	0.15	
09MOD-0204 For > 250 To 500, Add	0.06	
09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
09MOD-0208 For > 20000, Deduct	-0.10	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0174	SF		Paint Exterior Galvanized Ceiling, One Coat Paint, Brush/Roller Work	0.55	
	09MOD-0198		For Work > 20', Add	0.11	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.35	
	09MOD-0203		For > 100 To 250, Add	0.17	
	09MOD-0204		For > 250 To 500, Add	0.07	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.11	
09910-0175	SF		Paint Exterior Galvanized Ceiling, Two Coats Paint, Brush/Roller Work	0.97	
	09MOD-0198		For Work > 20', Add	0.19	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.61	
	09MOD-0203		For > 100 To 250, Add	0.29	
	09MOD-0204		For > 250 To 500, Add	0.13	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0208		For > 20000, Deduct	-0.19	
09910-0176	SF		Paint Exterior Galvanized Ceiling, One Primer, Sprayed	0.50	
	09MOD-0198		For Work > 20', Add	0.09	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.29	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0177	SF		Paint Exterior Galvanized Ceiling, One Paint, Sprayed	0.50	
	09MOD-0198		For Work > 20', Add	0.09	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.29	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208		For > 20000, Deduct	-0.10	
09910-0178	SF		Paint Exterior Galvanized Ceiling, Two Coats Paint, Sprayed	0.92	
	09MOD-0198		For Work > 20', Add	0.16	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.52	
	09MOD-0203		For > 100 To 250, Add	0.25	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208		For > 20000, Deduct	-0.18	
09910-0179			Aluminum And Aluminum Alloy Surface Pretreatment Primer (09910-0168)		
			Note: Alkyd enamel paint		
09910-0180	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush Work	0.63	
	09MOD-0198		For Work > 20', Add	0.13	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.40	
	09MOD-0203		For > 100 To 250, Add	0.19	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208		For > 20000, Deduct	-0.13	
09910-0181	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush Work	0.70	
	09MOD-0198		For Work > 20', Add	0.15	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.45	
	09MOD-0203		For > 100 To 250, Add	0.22	
	09MOD-0204		For > 250 To 500, Add	0.09	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0208		For > 20000, Deduct	-0.14	
09910-0182	SF		Paint Exterior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush Work	1.27	
	09MOD-0198		For Work > 20', Add	0.26	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.81	
	09MOD-0203		For > 100 To 250, Add	0.38	
	09MOD-0204		For > 250 To 500, Add	0.17	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.13	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.19	
	09MOD-0208		For > 20000, Deduct	-0.25	



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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0183	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush/Roller Work.....	0.53	
	09MOD-0198 For Work > 20', Add	0.10	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.31	
	09MOD-0203 For > 100 To 250, Add	0.15	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0184	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush/Roller Work.....	0.59	
	09MOD-0198 For Work > 20', Add	0.11	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.36	
	09MOD-0203 For > 100 To 250, Add	0.17	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.12	
09910-0185	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush/Roller Work	1.05	
	09MOD-0198 For Work > 20', Add	0.19	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.62	
	09MOD-0203 For > 100 To 250, Add	0.30	
	09MOD-0204 For > 250 To 500, Add	0.13	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.16	
	09MOD-0208 For > 20000, Deduct	-0.21	
09910-0186	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat, Sprayed.....	0.50	
	09MOD-0198 For Work > 20', Add	0.09	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.29	
	09MOD-0203 For > 100 To 250, Add	0.14	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.10	
09910-0187	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Sprayed.....	0.50	
	09MOD-0198 For Work > 20', Add	0.09	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.29	
	09MOD-0203 For > 100 To 250, Add	0.14	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.10	
09910-0188	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Sprayed.....	0.92	
	09MOD-0198 For Work > 20', Add	0.16	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.52	
	09MOD-0203 For > 100 To 250, Add	0.25	
	09MOD-0204 For > 250 To 500, Add	0.11	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0208 For > 20000, Deduct	-0.18	
09910-0189	Corrugated Metal Surfaces <small>(09910-0188)</small>		
09910-0190	SF Paint Exterior Corrugated Metal Ceiling, One Primer, Sprayed.....	0.56	
	09MOD-0198 For Work > 20', Add	0.10	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.32	
	09MOD-0203 For > 100 To 250, Add	0.16	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0191	SF Paint Exterior Corrugated Metal Ceiling, One Paint, Sprayed.....	0.65	
	09MOD-0198 For Work > 20', Add	0.12	
	Note: Applied only to work area above 20'.		
	09MOD-0202 For Up To 100, Add	0.39	
	09MOD-0203 For > 100 To 250, Add	0.19	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208 For > 20000, Deduct	-0.13	

09000 Finishes
09900 Paints And Coatings
09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0192	SF		Paint Exterior Corrugated Metal Ceiling, Two Coats Paint, Sprayed	1.17	
	09MOD-0198		For Work > 20', Add	0.21	
			Note: Applied only to work area above 20'.		
	09MOD-0202		For Up To 100, Add	0.69	
	09MOD-0203		For > 100 To 250, Add	0.33	
	09MOD-0204		For > 250 To 500, Add	0.14	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.18	
	09MOD-0208		For > 20000, Deduct	-0.23	
09910-0193			Floors (09910)		
09910-0194			Concrete (09910-0193)		
09910-0195	SF		Paint Exterior Concrete Floors And Decks, One Coat Primer, Brush Work	0.41	
	09MOD-0199		For Oil Based Paint, Add	0.03	
	09MOD-0200		For Epoxy Paint, Add	0.05	
	09MOD-0202		For Up To 100, Add	0.25	
	09MOD-0203		For > 100 To 250, Add	0.12	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.08	
09910-0196	SF		Paint Exterior Concrete Floors And Decks, One Coat Paint, Brush Work.....	0.46	
	09MOD-0199		For Oil Based Paint, Add	0.03	
	09MOD-0200		For Epoxy Paint, Add	0.04	
	09MOD-0202		For Up To 100, Add	0.30	
	09MOD-0203		For > 100 To 250, Add	0.14	
	09MOD-0204		For > 250 To 500, Add	0.06	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208		For > 20000, Deduct	-0.09	
09910-0197	SF		Paint Exterior Concrete Floors And Decks, Two Coats Paint, Brush Work.....	0.84	
	09MOD-0199		For Oil Based Paint, Add	0.05	
	09MOD-0200		For Epoxy Paint, Add	0.08	
	09MOD-0202		For Up To 100, Add	0.55	
	09MOD-0203		For > 100 To 250, Add	0.26	
	09MOD-0204		For > 250 To 500, Add	0.11	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.13	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0198	SF		Paint Exterior Concrete Floors And Decks, One Coat Primer, Brush/Roller Work.....	0.34	
	09MOD-0199		For Oil Based Paint, Add	0.02	
	09MOD-0200		For Epoxy Paint, Add	0.04	
	09MOD-0202		For Up To 100, Add	0.20	
	09MOD-0203		For > 100 To 250, Add	0.10	
	09MOD-0204		For > 250 To 500, Add	0.04	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.05	
	09MOD-0208		For > 20000, Deduct	-0.07	
09910-0199	SF		Paint Exterior Concrete Floors And Decks, One Coat Paint, Brush/Roller Work.....	0.39	
	09MOD-0199		For Oil Based Paint, Add	0.02	
	09MOD-0200		For Epoxy Paint, Add	0.04	
	09MOD-0202		For Up To 100, Add	0.25	
	09MOD-0203		For > 100 To 250, Add	0.12	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.08	
09910-0200	SF		Paint Exterior Concrete Floors And Decks, Two Coats Paint, Brush/Roller Work	0.64	
	09MOD-0199		For Oil Based Paint, Add	0.04	
	09MOD-0200		For Epoxy Paint, Add	0.07	
	09MOD-0202		For Up To 100, Add	0.40	
	09MOD-0203		For > 100 To 250, Add	0.19	
	09MOD-0204		For > 250 To 500, Add	0.08	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0208		For > 20000, Deduct	-0.13	
09910-0201	SF		Paint Exterior Concrete Floors And Decks, One Coat Primer, Sprayed.....	0.30	
	09MOD-0199		For Oil Based Paint, Add	0.02	
	09MOD-0200		For Epoxy Paint, Add	0.05	
	09MOD-0202		For Up To 100, Add	0.16	
	09MOD-0203		For > 100 To 250, Add	0.08	
	09MOD-0204		For > 250 To 500, Add	0.03	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.05	
	09MOD-0208		For > 20000, Deduct	-0.06	



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Paints And Coatings	09900	
Exterior Painting	09910	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0202	SF Paint Exterior Concrete Floors And Decks, One Coat Paint, Sprayed.....	0.37	
	09MOD-0199 For Oil Based Paint, Add	0.02	
	09MOD-0200 For Epoxy Paint, Add	0.05	
	09MOD-0202 For Up To 100, Add	0.22	
	09MOD-0203 For > 100 To 250, Add	0.11	
	09MOD-0204 For > 250 To 500, Add	0.05	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208 For > 20000, Deduct	-0.07	
09910-0203	SF Paint Exterior Concrete Floors And Decks, Two Coats Paint, Sprayed.....	0.63	
	09MOD-0199 For Oil Based Paint, Add	0.04	
	09MOD-0200 For Epoxy Paint, Add	0.09	
	09MOD-0202 For Up To 100, Add	0.36	
	09MOD-0203 For > 100 To 250, Add	0.18	
	09MOD-0204 For > 250 To 500, Add	0.08	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0208 For > 20000, Deduct	-0.13	
09910-0204	SF Paint Exterior Concrete Floors And Decks, One Coat Non-Slip Paint, Brush Work.....	1.12	
	09MOD-0202 For Up To 100, Add	0.40	
	09MOD-0203 For > 100 To 250, Add	0.21	
	09MOD-0204 For > 250 To 500, Add	0.10	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.17	
	09MOD-0208 For > 20000, Deduct	-0.22	
09910-0205	SF Paint Exterior Concrete Floors And Decks, One Coat Non-Slip Epoxy Coating, Brush Work.....	3.13	
	09MOD-0202 For Up To 100, Add	0.70	
	09MOD-0203 For > 100 To 250, Add	0.41	
	09MOD-0204 For > 250 To 500, Add	0.20	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.16	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.31	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.47	
	09MOD-0208 For > 20000, Deduct	-0.63	
09910-0206	Wood <small>(09910-0193)</small>		
09910-0207	SF Paint Exterior Wood Floors And Decks, One Coat Primer, Brush Work.....	0.51	
	09MOD-0201 For Oil Based Paint, Add	0.03	
	09MOD-0202 For Up To 100, Add	0.31	
	09MOD-0203 For > 100 To 250, Add	0.15	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.10	
09910-0208	SF Paint Exterior Wood Floors And Decks, One Coat Paint, Brush Work.....	0.56	
	09MOD-0201 For Oil Based Paint, Add	0.03	
	09MOD-0202 For Up To 100, Add	0.35	
	09MOD-0203 For > 100 To 250, Add	0.17	
	09MOD-0204 For > 250 To 500, Add	0.07	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0208 For > 20000, Deduct	-0.11	
09910-0209	SF Paint Exterior Wood Floors And Decks, Two Coats Paint, Brush Work.....	1.04	
	09MOD-0201 For Oil Based Paint, Add	0.06	
	09MOD-0202 For Up To 100, Add	0.65	
	09MOD-0203 For > 100 To 250, Add	0.31	
	09MOD-0204 For > 250 To 500, Add	0.14	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.16	
	09MOD-0208 For > 20000, Deduct	-0.21	
09910-0210	SF Paint Exterior Wood Floors And Decks, One Coat Primer, Brush/Roller Work.....	0.47	
	09MOD-0201 For Oil Based Paint, Add	0.03	
	09MOD-0202 For Up To 100, Add	0.27	
	09MOD-0203 For > 100 To 250, Add	0.13	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	
09910-0211	SF Paint Exterior Wood Floors And Decks, One Coat Paint, Brush/Roller Work.....	0.45	
	09MOD-0201 For Oil Based Paint, Add	0.03	
	09MOD-0202 For Up To 100, Add	0.27	
	09MOD-0203 For > 100 To 250, Add	0.13	
	09MOD-0204 For > 250 To 500, Add	0.06	
	09MOD-0205 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0207 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0208 For > 20000, Deduct	-0.09	

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0212	SF		Paint Exterior Wood Floors And Decks, Two Coats Paint, Brush/Roller Work.....	0.83	
	09MOD-0201		For Oil Based Paint, Add	0.05	
	09MOD-0202		For Up To 100, Add	0.47	
	09MOD-0203		For > 100 To 250, Add	0.23	
	09MOD-0204		For > 250 To 500, Add	0.10	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0208		For > 20000, Deduct	-0.17	
09910-0213	SF		Paint Exterior Wood Floors And Decks, One Coat Primer, Sprayed.....	0.39	
	09MOD-0201		For Oil Based Paint, Add	0.03	
	09MOD-0202		For Up To 100, Add	0.23	
	09MOD-0203		For > 100 To 250, Add	0.11	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.08	
09910-0214	SF		Paint Exterior Wood Floors And Decks, One Coat Paint, Sprayed.....	0.39	
	09MOD-0201		For Oil Based Paint, Add	0.03	
	09MOD-0202		For Up To 100, Add	0.23	
	09MOD-0203		For > 100 To 250, Add	0.11	
	09MOD-0204		For > 250 To 500, Add	0.05	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0208		For > 20000, Deduct	-0.08	
09910-0215	SF		Paint Exterior Wood Floors And Decks, Two Coats Paint, Sprayed.....	0.76	
	09MOD-0201		For Oil Based Paint, Add	0.05	
	09MOD-0202		For Up To 100, Add	0.44	
	09MOD-0203		For > 100 To 250, Add	0.21	
	09MOD-0204		For > 250 To 500, Add	0.09	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0208		For > 20000, Deduct	-0.15	
09910-0216	SF		Paint Exterior Wood Floors And Decks, One Coat Non-Slip Paint, Brush Work.....	1.12	
	09MOD-0202		For Up To 100, Add	0.40	
	09MOD-0203		For > 100 To 250, Add	0.21	
	09MOD-0204		For > 250 To 500, Add	0.10	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0208		For > 20000, Deduct	-0.22	
09910-0217	SF		Paint Exterior Wood Floors And Decks, One Coat Non-Slip Epoxy Coating, Brush Work.....	3.13	
	09MOD-0202		For Up To 100, Add	0.70	
	09MOD-0203		For > 100 To 250, Add	0.41	
	09MOD-0204		For > 250 To 500, Add	0.20	
	09MOD-0205		For > 2500 To 5000, Deduct	-0.16	
	09MOD-0206		For > 5000 To 10000, Deduct	-0.31	
	09MOD-0207		For > 10000 To 20000, Deduct	-0.47	
	09MOD-0208		For > 20000, Deduct	-0.63	
09910-0218			Doors And Windows (09910)		
09910-0219			Frames (09910-0218)		
09910-0220	LF		Paint Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.67	
	09MOD-0209		For Painting Either Interior Or Exterior Only, Deduct	-0.18	
09910-0221	LF		Paint Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.88	
	09MOD-0209		For Painting Either Interior Or Exterior Only, Deduct	-0.23	
09910-0222	LF		Paint Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.49	
	09MOD-0209		For Painting Either Interior Or Exterior Only, Deduct	-0.39	
09910-0223	LF		Paint Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.67	
	09MOD-0209		For Painting Either Interior Or Exterior Only, Deduct	-0.18	
09910-0224	LF		Paint Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.88	
	09MOD-0209		For Painting Either Interior Or Exterior Only, Deduct	-0.23	
09910-0225	LF		Paint Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.47	
	09MOD-0209		For Painting Either Interior Or Exterior Only, Deduct	-0.38	
09910-0226			Steel Doors (09910-0218)		
09910-0227	EA		Paint Exterior Door, One Face, 1 Coat Primer, Brush/Roller Work.....	26.88	
	09MOD-0210		For Half Louvered Door, Add	2.79	
	09MOD-0211		For Full Louvered Door, Add	4.64	
	09MOD-0212		For Electrostatic Painting, Add	3.93	
	09MOD-0213		For > 5 To 10, Deduct	-1.34	
	09MOD-0214		For > 10 To 25, Deduct	-2.69	
	09MOD-0215		For > 25, Deduct	-4.03	
09910-0228	EA		Paint Exterior Door, One Face, 1 Coat Paint, Brush/Roller Work.....	26.88	
	09MOD-0210		For Half Louvered Door, Add	2.79	
	09MOD-0211		For Full Louvered Door, Add	4.64	
	09MOD-0212		For Electrostatic Painting, Add	3.93	
	09MOD-0213		For > 5 To 10, Deduct	-1.34	
	09MOD-0214		For > 10 To 25, Deduct	-2.69	
	09MOD-0215		For > 25, Deduct	-4.03	



Finishes 09000	9900	99
Paints And Coatings	09900	
Exterior Painting	09910	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0229	EA Paint Exterior Door, One Face, 2 Coats Paint, Brush/Roller Work	47.88	
	09MOD-0210 For Half Louvered Door, Add	4.71	
	09MOD-0211 For Full Louvered Door, Add	7.84	
	09MOD-0212 For Electrostatic Painting, Add	7.26	
	09MOD-0213 For > 5 To 10, Deduct	-2.39	
	09MOD-0214 For > 10 To 25, Deduct	-4.79	
	09MOD-0215 For > 25, Deduct	-7.18	
09910-0230	EA Paint Exterior Door, Both Faces, 1 Coat Primer, Brush/Roller Work	48.23	
	09MOD-0210 For Half Louvered Door, Add	5.00	
	09MOD-0211 For Full Louvered Door, Add	8.33	
	09MOD-0212 For Electrostatic Painting, Add	7.06	
	09MOD-0213 For > 5 To 10, Deduct	-2.41	
	09MOD-0214 For > 10 To 25, Deduct	-4.82	
	09MOD-0215 For > 25, Deduct	-7.23	
09910-0231	EA Paint Exterior Door, Both Faces, 1 Coat Paint, Brush/Roller Work	48.23	
	09MOD-0210 For Half Louvered Door, Add	5.00	
	09MOD-0211 For Full Louvered Door, Add	8.33	
	09MOD-0212 For Electrostatic Painting, Add	7.06	
	09MOD-0213 For > 5 To 10, Deduct	-2.41	
	09MOD-0214 For > 10 To 25, Deduct	-4.82	
	09MOD-0215 For > 25, Deduct	-7.23	
09910-0232	EA Paint Exterior Door, Both Faces, 2 Coats Paint, Brush/Roller Work	86.20	
	09MOD-0210 For Half Louvered Door, Add	8.45	
	09MOD-0211 For Full Louvered Door, Add	14.09	
	09MOD-0212 For Electrostatic Painting, Add	13.10	
	09MOD-0213 For > 5 To 10, Deduct	-4.31	
	09MOD-0214 For > 10 To 25, Deduct	-8.62	
	09MOD-0215 For > 25, Deduct	-12.93	
09910-0233	EA Paint Exterior Door, One Face, 1 Coat Primer, Spray	21.52	
	09MOD-0210 For Half Louvered Door, Add	1.86	
	09MOD-0211 For Full Louvered Door, Add	3.10	
	09MOD-0212 For Electrostatic Painting, Add	3.52	
	09MOD-0213 For > 5 To 10, Deduct	-1.08	
	09MOD-0214 For > 10 To 25, Deduct	-2.15	
	09MOD-0215 For > 25, Deduct	-3.23	
09910-0234	EA Paint Exterior Door, One Face, 1 Coat Paint, Spray	21.52	
	09MOD-0210 For Half Louvered Door, Add	1.86	
	09MOD-0211 For Full Louvered Door, Add	3.10	
	09MOD-0212 For Electrostatic Painting, Add	3.52	
	09MOD-0213 For > 5 To 10, Deduct	-1.08	
	09MOD-0214 For > 10 To 25, Deduct	-2.15	
	09MOD-0215 For > 25, Deduct	-3.23	
09910-0235	EA Paint Exterior Door, One Face, 2 Coats Paint, Spray	39.07	
	09MOD-0210 For Half Louvered Door, Add	3.14	
	09MOD-0211 For Full Louvered Door, Add	5.23	
	09MOD-0212 For Electrostatic Painting, Add	6.63	
	09MOD-0213 For > 5 To 10, Deduct	-1.95	
	09MOD-0214 For > 10 To 25, Deduct	-3.91	
	09MOD-0215 For > 25, Deduct	-5.86	
09910-0236	EA Paint Exterior Door, Both Faces, 1 Coat Primer, Spray	38.63	
	09MOD-0210 For Half Louvered Door, Add	3.33	
	09MOD-0211 For Full Louvered Door, Add	5.55	
	09MOD-0212 For Electrostatic Painting, Add	6.33	
	09MOD-0213 For > 5 To 10, Deduct	-1.93	
	09MOD-0214 For > 10 To 25, Deduct	-3.86	
	09MOD-0215 For > 25, Deduct	-5.79	
09910-0237	EA Paint Exterior Door, Both Faces, 1 Coat Paint, Spray	38.63	
	09MOD-0210 For Half Louvered Door, Add	3.33	
	09MOD-0211 For Full Louvered Door, Add	5.55	
	09MOD-0212 For Electrostatic Painting, Add	6.33	
	09MOD-0213 For > 5 To 10, Deduct	-1.93	
	09MOD-0214 For > 10 To 25, Deduct	-3.86	
	09MOD-0215 For > 25, Deduct	-5.79	
09910-0238	EA Paint Exterior Door, Both Faces, 2 Coats Paint, Spray	70.41	
	09MOD-0210 For Half Louvered Door, Add	5.63	
	09MOD-0211 For Full Louvered Door, Add	9.39	
	09MOD-0212 For Electrostatic Painting, Add	11.97	
	09MOD-0213 For > 5 To 10, Deduct	-3.52	
	09MOD-0214 For > 10 To 25, Deduct	-7.04	
	09MOD-0215 For > 25, Deduct	-10.56	
09910-0239	SF Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	1.41	
	09MOD-0212 For Electrostatic Painting, Add	0.16	
09910-0240	SF Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	1.46	
	09MOD-0212 For Electrostatic Painting, Add	0.17	
09910-0241	SF Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	3.02	
	09MOD-0212 For Electrostatic Painting, Add	0.35	
09910-0242	SF Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	1.80	
	09MOD-0212 For Electrostatic Painting, Add	0.20	
09910-0243	SF Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	1.85	
	09MOD-0212 For Electrostatic Painting, Add	0.21	
09910-0244	SF Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	3.60	
	09MOD-0212 For Electrostatic Painting, Add	0.42	

09910-0245 Wood Doors (09910-0218)

09000 Finishes

09900 Paints And Coatings

09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0246	EA		Paint Exterior Door, One Face, 1 Coat Primer, Brush/Roller Work.....	26.88	
	09MOD-0216		For Half Louvered Door, Add	2.79	
	09MOD-0217		For Full Louvered Door, Add	4.64	
	09MOD-0218		For > 5 To 10, Deduct	-1.34	
	09MOD-0219		For > 10 To 25, Deduct	-2.69	
	09MOD-0220		For > 25, Deduct	-4.03	
09910-0247	EA		Paint Exterior Door, One Face, 1 Coat Paint, Brush/Roller Work.....	26.88	
	09MOD-0216		For Half Louvered Door, Add	2.79	
	09MOD-0217		For Full Louvered Door, Add	4.64	
	09MOD-0218		For > 5 To 10, Deduct	-1.34	
	09MOD-0219		For > 10 To 25, Deduct	-2.69	
	09MOD-0220		For > 25, Deduct	-4.03	
09910-0248	EA		Paint Exterior Door, One Face, 2 Coats Paint, Brush/Roller Work.....	47.88	
	09MOD-0216		For Half Louvered Door, Add	4.71	
	09MOD-0217		For Full Louvered Door, Add	7.84	
	09MOD-0218		For > 5 To 10, Deduct	-2.39	
	09MOD-0219		For > 10 To 25, Deduct	-4.79	
	09MOD-0220		For > 25, Deduct	-7.18	
09910-0249	EA		Paint Exterior Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	48.23	
	09MOD-0216		For Half Louvered Door, Add	5.00	
	09MOD-0217		For Full Louvered Door, Add	8.33	
	09MOD-0218		For > 5 To 10, Deduct	-2.41	
	09MOD-0219		For > 10 To 25, Deduct	-4.82	
	09MOD-0220		For > 25, Deduct	-7.23	
09910-0250	EA		Paint Exterior Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	48.23	
	09MOD-0216		For Half Louvered Door, Add	5.00	
	09MOD-0217		For Full Louvered Door, Add	8.33	
	09MOD-0218		For > 5 To 10, Deduct	-2.41	
	09MOD-0219		For > 10 To 25, Deduct	-4.82	
	09MOD-0220		For > 25, Deduct	-7.23	
09910-0251	EA		Paint Exterior Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	86.20	
	09MOD-0216		For Half Louvered Door, Add	8.45	
	09MOD-0217		For Full Louvered Door, Add	14.09	
	09MOD-0218		For > 5 To 10, Deduct	-4.31	
	09MOD-0219		For > 10 To 25, Deduct	-8.62	
	09MOD-0220		For > 25, Deduct	-12.93	
09910-0252	EA		Paint Exterior Door, One Face, 1 Coat Primer, Spray.....	21.52	
	09MOD-0216		For Half Louvered Door, Add	1.86	
	09MOD-0217		For Full Louvered Door, Add	3.10	
	09MOD-0218		For > 5 To 10, Deduct	-1.08	
	09MOD-0219		For > 10 To 25, Deduct	-2.15	
	09MOD-0220		For > 25, Deduct	-3.23	
09910-0253	EA		Paint Exterior Door, One Face, 1 Coat Paint, Spray.....	21.52	
	09MOD-0216		For Half Louvered Door, Add	1.86	
	09MOD-0217		For Full Louvered Door, Add	3.10	
	09MOD-0218		For > 5 To 10, Deduct	-1.08	
	09MOD-0219		For > 10 To 25, Deduct	-2.15	
	09MOD-0220		For > 25, Deduct	-3.23	
09910-0254	EA		Paint Exterior Door, One Face, 2 Coats Paint, Spray.....	39.08	
	09MOD-0216		For Half Louvered Door, Add	3.14	
	09MOD-0217		For Full Louvered Door, Add	5.23	
	09MOD-0218		For > 5 To 10, Deduct	-1.95	
	09MOD-0219		For > 10 To 25, Deduct	-3.91	
	09MOD-0220		For > 25, Deduct	-5.86	
09910-0255	EA		Paint Exterior Door, Both Faces, 1 Coat Primer, Spray.....	38.63	
	09MOD-0216		For Half Louvered Door, Add	3.33	
	09MOD-0217		For Full Louvered Door, Add	5.55	
	09MOD-0218		For > 5 To 10, Deduct	-1.93	
	09MOD-0219		For > 10 To 25, Deduct	-3.86	
	09MOD-0220		For > 25, Deduct	-5.79	
09910-0256	EA		Paint Exterior Door, Both Faces, 1 Coat Paint, Spray.....	38.63	
	09MOD-0216		For Half Louvered Door, Add	3.33	
	09MOD-0217		For Full Louvered Door, Add	5.55	
	09MOD-0218		For > 5 To 10, Deduct	-1.93	
	09MOD-0219		For > 10 To 25, Deduct	-3.86	
	09MOD-0220		For > 25, Deduct	-5.79	
09910-0257	EA		Paint Exterior Door, Both Faces, 2 Coats Paint, Spray.....	70.41	
	09MOD-0216		For Half Louvered Door, Add	5.63	
	09MOD-0217		For Full Louvered Door, Add	9.39	
	09MOD-0218		For > 5 To 10, Deduct	-3.52	
	09MOD-0219		For > 10 To 25, Deduct	-7.04	
	09MOD-0220		For > 25, Deduct	-10.56	
09910-0258	SF		Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work.....	1.42	
09910-0259	SF		Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work.....	1.46	
09910-0260	SF		Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work.....	3.02	
09910-0261	SF		Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed.....	1.80	
09910-0262	SF		Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed.....	1.85	
09910-0263	SF		Paint Exterior Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed.....	3.60	

09910-0264

Steel Windows (09910-0218)

Note: Two finish coats paint over rust inhibitive primer



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0265	EA Paint Exterior Windows Including Trim, Window Size Up To 8 SF	47.15	
	09MOD-0221 For Electrostatic Painting, Add	5.54	
	09MOD-0222 For > 5 To 10, Deduct	-2.36	
	09MOD-0223 For > 10 To 25, Deduct	-4.72	
	09MOD-0224 For > 25, Deduct	-7.07	
09910-0266	EA Paint Exterior Windows Including Trim, Window Size 9 SF To 14 SF	56.56	
	09MOD-0221 For Electrostatic Painting, Add	6.94	
	09MOD-0222 For > 5 To 10, Deduct	-2.83	
	09MOD-0223 For > 10 To 25, Deduct	-5.66	
	09MOD-0224 For > 25, Deduct	-8.48	
09910-0267	EA Paint Exterior Windows Including Trim, Window Size 15 SF To 20 SF	76.15	
	09MOD-0221 For Electrostatic Painting, Add	9.43	
	09MOD-0222 For > 5 To 10, Deduct	-3.81	
	09MOD-0223 For > 10 To 25, Deduct	-7.62	
	09MOD-0224 For > 25, Deduct	-11.42	
09910-0268	EA Paint Exterior Windows Including Trim, Window Size 21 SF To 26 SF	85.74	
	09MOD-0221 For Electrostatic Painting, Add	10.63	
	09MOD-0222 For > 5 To 10, Deduct	-4.29	
	09MOD-0223 For > 10 To 25, Deduct	-8.57	
	09MOD-0224 For > 25, Deduct	-12.86	
09910-0269	EA Paint Exterior Windows Including Trim, Window Size 27 SF To 34 SF	95.11	
	09MOD-0221 For Electrostatic Painting, Add	11.77	
	09MOD-0222 For > 5 To 10, Deduct	-4.76	
	09MOD-0223 For > 10 To 25, Deduct	-9.51	
	09MOD-0224 For > 25, Deduct	-14.27	
09910-0270	SF Paint Exterior Windows Including Trim, Window Size Over 34 SF	3.01	
	09MOD-0221 For Electrostatic Painting, Add	0.37	
09910-0271	Wood Windows (09910-0218)		
	Note: Two finish coats paint over primer		
09910-0272	EA Paint Exterior Windows Including Trim, Window Size Up To 8 SF	47.15	
	09MOD-0225 For > 5 To 10, Deduct	-2.36	
	09MOD-0226 For > 10 To 25, Deduct	-4.72	
	09MOD-0227 For > 25, Deduct	-7.07	
09910-0273	EA Paint Exterior Windows Including Trim, Window Size 9 SF To 14 SF	56.56	
	09MOD-0225 For > 5 To 10, Deduct	-2.83	
	09MOD-0226 For > 10 To 25, Deduct	-5.66	
	09MOD-0227 For > 25, Deduct	-8.48	
09910-0274	EA Paint Exterior Windows Including Trim, Window Size 15 SF To 20 SF	76.15	
	09MOD-0225 For > 5 To 10, Deduct	-3.81	
	09MOD-0226 For > 10 To 25, Deduct	-7.62	
	09MOD-0227 For > 25, Deduct	-11.42	
09910-0275	EA Paint Exterior Windows Including Trim, Window Size 21 SF To 26 SF	85.74	
	09MOD-0225 For > 5 To 10, Deduct	-4.29	
	09MOD-0226 For > 10 To 25, Deduct	-8.57	
	09MOD-0227 For > 25, Deduct	-12.86	
09910-0276	EA Paint Exterior Windows Including Trim, Window Size 27 SF To 34 SF	95.11	
	09MOD-0225 For > 5 To 10, Deduct	-4.76	
	09MOD-0226 For > 10 To 25, Deduct	-9.51	
	09MOD-0227 For > 25, Deduct	-14.27	
09910-0277	SF Paint Exterior Windows Including Trim, Window Size Over 34 SF	3.18	
09910-0278	Security Screens (09910-0218)		
09910-0279	SF Paint Security Screen, 1 Coat Primer, Brush/Roller Work	0.90	
	09MOD-0228 For Electrostatic Painting, Add	0.11	
09910-0280	SF Paint Security Screen, 1 Coat Paint, Brush/Roller Work	0.96	
	09MOD-0228 For Electrostatic Painting, Add	0.11	
09910-0281	SF Paint Security Screen, 2 Coats Paint, Brush/Roller Work	1.58	
	09MOD-0228 For Electrostatic Painting, Add	0.18	
09910-0282	Window Guards (09910-0218)		
09910-0283	SF Paint Window Guards, 1 Coat Primer, Brush/Roller Work	0.90	
09910-0284	SF Paint Window Guards, 1 Coat Paint, Brush/Roller Work	0.96	
09910-0285	SF Paint Window Guards, 2 Coats Paint, Brush/Roller Work	1.58	
09910-0286	Window Trim (09910-0218)		
09910-0287	LF Paint Wood Window Frame, 1 Coat Primer, Brush/Roller Work	0.84	
09910-0288	LF Paint Wood Window Frame, 1 Coat Paint, Brush/Roller Work	0.84	
09910-0289	LF Paint Wood Window Frame, 2 Coats Paint, Brush/Roller Work	1.00	
09910-0290	LF Paint Metal Window Frame, 1 Coat Primer, Brush/Roller Work	0.89	
09910-0291	LF Paint Metal Window Frame, 1 Coat Paint, Brush/Roller Work	0.89	
09910-0292	LF Paint Metal Window Frame, 2 Coats Paint, Brush/Roller Work	1.10	
09910-0293	Roofing (09910)		
09910-0294	Wood, Stain And Seal (09910-0293)		

09000 Finishes
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0295	SF		Stain And Seal Shingles/Shake, 1 Coat.....	1.15	
	09MOD-0229		For Up To 100, Add	0.64	
	09MOD-0230		For > 100 To 250, Add	0.31	
	09MOD-0231		For > 250 To 500, Add	0.14	
09910-0296	SF		Stain And Seal Shingles/Shake, 2 Coats.....	2.12	
	09MOD-0229		For Up To 100, Add	1.17	
	09MOD-0230		For > 100 To 250, Add	0.57	
	09MOD-0231		For > 250 To 500, Add	0.25	
09910-0297	Metal	<i>(09910-0293)</i>			
09910-0298	SF		Paint Metal Roof, 1 Coat Paint.....	0.47	
	09MOD-0229		For Up To 100, Add	0.26	
	09MOD-0230		For > 100 To 250, Add	0.12	
	09MOD-0231		For > 250 To 500, Add	0.05	
09910-0299	SF		Paint Metal Roof, 2 Coats Paint.....	0.82	
	09MOD-0229		For Up To 100, Add	0.46	
	09MOD-0230		For > 100 To 250, Add	0.22	
	09MOD-0231		For > 250 To 500, Add	0.10	
09910-0300	Fascia Board	<i>(09910-0293)</i>			
09910-0301	LF		Paint Fascia Board, 1 Coat Primer, Brush/Roller Work.....	0.47	
	09MOD-0229		For Up To 100, Add	0.26	
	09MOD-0230		For > 100 To 250, Add	0.12	
	09MOD-0231		For > 250 To 500, Add	0.05	
09910-0302	LF		Paint Fascia Board, 1 Coat Paint, Brush/Roller Work.....	0.47	
	09MOD-0229		For Up To 100, Add	0.26	
	09MOD-0230		For > 100 To 250, Add	0.12	
	09MOD-0231		For > 250 To 500, Add	0.05	
09910-0303	LF		Paint Fascia Board, 2 Coats Paint, Brush/Roller Work.....	0.82	
	09MOD-0229		For Up To 100, Add	0.46	
	09MOD-0230		For > 100 To 250, Add	0.22	
	09MOD-0231		For > 250 To 500, Add	0.10	
09910-0304	Soffit	<i>(09910-0293)</i>			
09910-0305	SF		Paint Soffit, 1 Coat Primer, Brush/Roller Work.....	0.54	
	09MOD-0229		For Up To 100, Add	0.27	
	09MOD-0230		For > 100 To 250, Add	0.13	
	09MOD-0231		For > 250 To 500, Add	0.06	
09910-0306	SF		Paint Soffit, 1 Coat Paint, Brush/Roller Work.....	0.54	
	09MOD-0229		For Up To 100, Add	0.27	
	09MOD-0230		For > 100 To 250, Add	0.13	
	09MOD-0231		For > 250 To 500, Add	0.06	
09910-0307	SF		Paint Soffit, 2 Coats Paint, Brush/Roller Work.....	0.93	
	09MOD-0229		For Up To 100, Add	0.48	
	09MOD-0230		For > 100 To 250, Add	0.23	
	09MOD-0231		For > 250 To 500, Add	0.10	
09910-0308	Acrylic Elastomeric Coating For All Types Of Roofs	<i>(09910-0293)</i>			
			Note: Solar reflectance: 0.90/0.84 after 3 years (from www.energy-star.gov).		
09910-0309	SF		Cool Roof Acrylic Elastomeric Roof Coating, 2 Coats (20 mils).....	1.05	
	09MOD-0364		For Each Coat Of Primer, Add	0.26	
09910-0310	Site Work	<i>(09910)</i>			
			Note: Tasks can be used for exterior or interior applications.		
09910-0311	Structural Steel	<i>(09910-0310)</i>			
09910-0312	One Field Coat Paint, Brush Work	<i>(09910-0311)</i>			
09910-0313	SF		Paint Structural Steel One Field Coat Primer, Brush/Roller Work.....	0.63	
	09MOD-0234		For Up To 100, Add	0.42	
	09MOD-0235		For > 100 To 250, Add	0.20	
	09MOD-0236		For > 250 To 500, Add	0.09	
	09MOD-0241		For Epoxy Paint, Add	0.06	
09910-0314	SF		Paint Structural Steel One Field Coat Paint, Brush/Roller Work.....	0.55	
	09MOD-0234		For Up To 100, Add	0.36	
	09MOD-0235		For > 100 To 250, Add	0.17	
	09MOD-0236		For > 250 To 500, Add	0.07	
	09MOD-0241		For Epoxy Paint, Add	0.05	
09910-0315	One Field Coat Paint, Spray Work	<i>(09910-0311)</i>			
09910-0316	SF		Paint Structural Steel One Field Coat Primer, Spray Work.....	0.45	
	09MOD-0233		For Electrostatic Painting, Add	0.06	
	09MOD-0234		For Up To 100, Add	0.29	
	09MOD-0235		For > 100 To 250, Add	0.14	
	09MOD-0236		For > 250 To 500, Add	0.06	
	09MOD-0241		For Epoxy Paint, Add	0.05	



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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0317	SF Paint Structural Steel One Field Coat Paint, Spray Work	0.37	
	09MOD-0233 For Electrostatic Painting, Add	0.05	
	09MOD-0234 For Up To 100, Add	0.23	
	09MOD-0235 For > 100 To 250, Add	0.11	
	09MOD-0236 For > 250 To 500, Add	0.05	
	09MOD-0241 For Epoxy Paint, Add	0.04	
09910-0318	Metal Decking, Beams And Bar Joist <small>(09910-0311)</small>		
09910-0319	SF Paint Exposed Metal Decking, One Coat Primer, Sprayed	0.52	
	09MOD-0237 For Up To 100, Add	0.34	
	09MOD-0238 For > 100 To 250, Add	0.16	
	09MOD-0239 For > 250 To 500, Add	0.07	
	09MOD-0241 For Epoxy Paint, Add	0.05	
09910-0320	SF Paint Exposed Metal Decking, One Coat Paint, Sprayed	0.52	
	09MOD-0237 For Up To 100, Add	0.34	
	09MOD-0238 For > 100 To 250, Add	0.16	
	09MOD-0239 For > 250 To 500, Add	0.07	
	09MOD-0241 For Epoxy Paint, Add	0.05	
09910-0321	SF Paint Exposed Metal Decking, Two Coat Paint, Sprayed	0.86	
	09MOD-0237 For Up To 100, Add	0.55	
	09MOD-0238 For > 100 To 250, Add	0.26	
	09MOD-0239 For > 250 To 500, Add	0.11	
	09MOD-0241 For Epoxy Paint, Add	0.09	
09910-0322	SF Paint Metal Beams And Bar Joists, One Coat Primer, Brush/Roller Work	0.65	
	09MOD-0237 For Up To 100, Add	0.39	
	09MOD-0238 For > 100 To 250, Add	0.19	
	09MOD-0239 For > 250 To 500, Add	0.08	
	09MOD-0241 For Epoxy Paint, Add	0.08	
09910-0323	SF Paint Metal Beams And Bar Joists, One Coat Paint, Brush/Roller Work	0.64	
	09MOD-0237 For Up To 100, Add	0.40	
	09MOD-0238 For > 100 To 250, Add	0.19	
	09MOD-0239 For > 250 To 500, Add	0.08	
	09MOD-0241 For Epoxy Paint, Add	0.07	
09910-0324	SF Paint Metal Beams And Bar Joists, Two Coats Paint, Brush/Roller Work	1.19	
	09MOD-0237 For Up To 100, Add	0.73	
	09MOD-0238 For > 100 To 250, Add	0.35	
	09MOD-0239 For > 250 To 500, Add	0.15	
	09MOD-0241 For Epoxy Paint, Add	0.14	
09910-0325	SF Paint Metal Beams And Bar Joists, One Coat Primer, Sprayed	0.63	
	09MOD-0237 For Up To 100, Add	0.40	
	09MOD-0238 For > 100 To 250, Add	0.19	
	09MOD-0239 For > 250 To 500, Add	0.08	
	09MOD-0241 For Epoxy Paint, Add	0.07	
09910-0326	SF Paint Metal Beams And Bar Joists, One Coat Paint, Sprayed	0.63	
	09MOD-0237 For Up To 100, Add	0.40	
	09MOD-0238 For > 100 To 250, Add	0.19	
	09MOD-0239 For > 250 To 500, Add	0.08	
	09MOD-0241 For Epoxy Paint, Add	0.07	
09910-0327	SF Paint Metal Beams And Bar Joists, Two Coats Paint, Sprayed	1.03	
	09MOD-0237 For Up To 100, Add	0.63	
	09MOD-0238 For > 100 To 250, Add	0.30	
	09MOD-0239 For > 250 To 500, Add	0.13	
	09MOD-0241 For Epoxy Paint, Add	0.12	
09910-0328	Steel Pipes <small>(09910-0310)</small>		
	Note: Includes pipe, tubes, rails, conduit, etc.		
09910-0329	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, One Coat Primer	0.92	
	09MOD-0240 For Electrostatic Painting, Add	0.11	
	09MOD-0241 For Epoxy Paint, Add	0.08	
09910-0330	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, One Coat Primer	1.03	
	09MOD-0240 For Electrostatic Painting, Add	0.12	
	09MOD-0241 For Epoxy Paint, Add	0.09	
09910-0331	LF Paint Steel Pipes 4" Diameter, One Coat Primer	1.16	
	09MOD-0240 For Electrostatic Painting, Add	0.14	
	09MOD-0241 For Epoxy Paint, Add	0.11	
09910-0332	LF Paint Steel Pipes 6" To 8" Diameter, One Coat Primer	1.45	
	09MOD-0240 For Electrostatic Painting, Add	0.17	
	09MOD-0241 For Epoxy Paint, Add	0.13	
09910-0333	LF Paint Steel Pipes 10" To 12" Diameter One Coat Primer	1.84	
	09MOD-0240 For Electrostatic Painting, Add	0.22	
	09MOD-0241 For Epoxy Paint, Add	0.16	
09910-0334	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, One Coat Paint	0.92	
	09MOD-0240 For Electrostatic Painting, Add	0.11	
	09MOD-0241 For Epoxy Paint, Add	0.08	
09910-0335	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, One Coat Paint	1.03	
	09MOD-0240 For Electrostatic Painting, Add	0.12	
	09MOD-0241 For Epoxy Paint, Add	0.09	
09910-0336	LF Paint Steel Pipes 4" Diameter, One Coat Paint	1.16	
	09MOD-0240 For Electrostatic Painting, Add	0.14	
	09MOD-0241 For Epoxy Paint, Add	0.11	
09910-0337	LF Paint Steel Pipes 6" To 8" Diameter, One Coat Paint	1.45	
	09MOD-0240 For Electrostatic Painting, Add	0.17	
	09MOD-0241 For Epoxy Paint, Add	0.13	

09000 Finishes

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09910 Exterior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0338	LF		Paint Steel Pipes 10" To 12" Diameter One Coat Paint.....	1.84	
			09MOD-0240 For Electrostatic Painting, Add	0.22	
			09MOD-0241 For Epoxy Paint, Add	0.16	
09910-0339	LF		Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, Two Coats.....	1.85	
			09MOD-0240 For Electrostatic Painting, Add	0.23	
			09MOD-0241 For Epoxy Paint, Add	0.19	
09910-0340	LF		Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, Two Coats.....	2.06	
			09MOD-0240 For Electrostatic Painting, Add	0.25	
			09MOD-0241 For Epoxy Paint, Add	0.19	
09910-0341	LF		Paint Steel Pipes 4" Diameter, Two Coats.....	2.22	
			09MOD-0240 For Electrostatic Painting, Add	0.27	
			09MOD-0241 For Epoxy Paint, Add	0.21	
09910-0342	LF		Paint Steel Pipes 6" To 8" Diameter, Two Coats.....	2.81	
			09MOD-0240 For Electrostatic Painting, Add	0.34	
			09MOD-0241 For Epoxy Paint, Add	0.26	
09910-0343	LF		Paint Steel Pipes 10" To 12" Diameter, Two Coats.....	3.45	
			09MOD-0240 For Electrostatic Painting, Add	0.42	
			09MOD-0241 For Epoxy Paint, Add	0.32	
09910-0344			Fence Painting (09910-0310)		
			Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09910-0345	SF		Paint Existing Chain Link Fence, One Coat Paint, Brush/Roller.....	0.46	
			09MOD-0232 For Epoxy Paint, Add	0.04	
			09MOD-0242 For Up To 100, Add	0.30	
			09MOD-0243 For > 100 To 250, Add	0.14	
			09MOD-0244 For > 250 To 500, Add	0.06	
09910-0346	SF		Paint Existing Chain Link Fence, Two Coats Paint, Brush/Roller.....	0.85	
			09MOD-0232 For Epoxy Paint, Add	0.08	
			09MOD-0242 For Up To 100, Add	0.55	
			09MOD-0243 For > 100 To 250, Add	0.26	
			09MOD-0244 For > 250 To 500, Add	0.11	
09910-0347	SF		Paint Existing Chain Link Fence, One Coat Paint, Spray.....	0.45	
			09MOD-0232 For Epoxy Paint, Add	0.05	
			09MOD-0242 For Up To 100, Add	0.28	
			09MOD-0243 For > 100 To 250, Add	0.14	
			09MOD-0244 For > 250 To 500, Add	0.06	
09910-0348	SF		Paint Existing Chain Link Fence, Two Coats Paint, Spray.....	0.84	
			09MOD-0232 For Epoxy Paint, Add	0.10	
			09MOD-0242 For Up To 100, Add	0.52	
			09MOD-0243 For > 100 To 250, Add	0.25	
			09MOD-0244 For > 250 To 500, Add	0.11	
09910-0349	SF		Paint Wrought Iron Fence, One Coat Primer, Brush/Roller.....	0.41	
			09MOD-0242 For Up To 100, Add	0.25	
			09MOD-0243 For > 100 To 250, Add	0.12	
			09MOD-0244 For > 250 To 500, Add	0.05	
09910-0350	SF		Paint Wrought Iron Fence, One Coat, Brush/Roller.....	0.39	
			09MOD-0242 For Up To 100, Add	0.25	
			09MOD-0243 For > 100 To 250, Add	0.12	
			09MOD-0244 For > 250 To 500, Add	0.05	
09910-0351	SF		Paint Wrought Iron Fence, Each Additional Coat, Brush/Roller.....	0.27	
			09MOD-0242 For Up To 100, Add	0.16	
			09MOD-0243 For > 100 To 250, Add	0.08	
			09MOD-0244 For > 250 To 500, Add	0.03	
09910-0352	SF		Paint Picket Fence, One Coat Primer, Brush/Roller.....	0.58	
			09MOD-0242 For Up To 100, Add	0.39	
			09MOD-0243 For > 100 To 250, Add	0.19	
			09MOD-0244 For > 250 To 500, Add	0.08	
09910-0353	SF		Paint Picket Fence, One Coat, Brush/Roller.....	0.56	
			09MOD-0242 For Up To 100, Add	0.39	
			09MOD-0243 For > 100 To 250, Add	0.18	
			09MOD-0244 For > 250 To 500, Add	0.08	
09910-0354	SF		Paint Picket Fence, Each Additional Coat, Brush/Roller.....	0.40	
			09MOD-0242 For Up To 100, Add	0.27	
			09MOD-0243 For > 100 To 250, Add	0.13	
			09MOD-0244 For > 250 To 500, Add	0.06	
09910-0355	SF		Paint Wood Fences One Coat, Brush/Roller.....	0.41	
			09MOD-0242 For Up To 100, Add	0.25	
			09MOD-0243 For > 100 To 250, Add	0.12	
			09MOD-0244 For > 250 To 500, Add	0.05	
09910-0356	SF		Paint Wood Fences Two Coats, Brush/Roller.....	0.74	
			09MOD-0242 For Up To 100, Add	0.45	
			09MOD-0243 For > 100 To 250, Add	0.21	
			09MOD-0244 For > 250 To 500, Add	0.09	
09910-0357	SF		Paint Wood Fences One Coat, Spray.....	0.37	
			09MOD-0242 For Up To 100, Add	0.22	
			09MOD-0243 For > 100 To 250, Add	0.11	
			09MOD-0244 For > 250 To 500, Add	0.05	
09910-0358	SF		Paint Wood Fences Two Coats, Spray.....	0.68	
			09MOD-0242 For Up To 100, Add	0.40	
			09MOD-0243 For > 100 To 250, Add	0.19	
			09MOD-0244 For > 250 To 500, Add	0.08	
09910-0359			Metal Surfaces (09910-0310)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0360	SF Paint Miscellaneous Exposed Metal One Coat Alkyd Primer..... <i>09MOD-0245 For Epoxy Paint, Add</i> <i>09MOD-0246 For Electrostatic Painting, Add</i>	0.83 0.08 0.10	
09910-0361	SF Paint Miscellaneous Exposed Metal One Coat Alkyd Enamel <i>09MOD-0245 For Epoxy Paint, Add</i> <i>09MOD-0246 For Electrostatic Painting, Add</i>	0.79 0.06 0.09	
09910-0362	SF Paint Miscellaneous Exposed Metal Two Coats Alkyd Enamel <i>09MOD-0245 For Epoxy Paint, Add</i> <i>09MOD-0246 For Electrostatic Painting, Add</i>	1.61 0.13 0.19	
09910-0363	SF Paint Ventilation Louver, SF Of Opening Area, One Coat Primer..... <i>09MOD-0246 For Electrostatic Painting, Add</i>	0.95 0.11	
09910-0364	SF Paint Ventilation Louver, SF Of Opening Area, One Coat Alkyd..... <i>09MOD-0246 For Electrostatic Painting, Add</i>	0.91 0.10	
09910-0365	SF Paint Ventilation Louver, SF Of Opening Area, Two Coats Alkyd..... <i>09MOD-0246 For Electrostatic Painting, Add</i>	1.86 0.21	
09910-0366	Ladders <small>(09910-0310)</small>		
09910-0367	LF Paint Ladders One Coat Alkyd Primer <i>09MOD-0247 For Epoxy Paint, Add</i>	2.56 0.15	
09910-0368	LF Paint Ladders One Coat Alkyd Enamel <i>09MOD-0247 For Epoxy Paint, Add</i>	2.86 0.16	
09910-0369	LF Paint Ladders Two Coats Alkyd Enamel..... <i>09MOD-0247 For Epoxy Paint, Add</i>	5.66 0.31	
09910-0370	Handrails <small>(09910-0310)</small>		
09910-0371	LF Paint Stair Hand Rail And Bracket, 1 Rail One Coat Alkyd Enamel..... <i>09MOD-0248 For Epoxy Paint, Add</i>	1.11 0.07	
09910-0372	LF Paint Stair Hand Rail And Bracket, 1 Rail Two Coats Alkyd Enamel <i>09MOD-0248 For Epoxy Paint, Add</i>	1.84 0.11	
09910-0373	LF Paint Stair Pipe Rail And Pickets, 1 Rail One Coat Alkyd Enamel..... <i>09MOD-0248 For Epoxy Paint, Add</i>	1.68 0.11	
09910-0374	LF Paint Stair Pipe Rail And Pickets, 1 Rail Two Coats Alkyd Enamel..... <i>09MOD-0248 For Epoxy Paint, Add</i>	2.96 0.18	
09910-0375	LF Paint Stair Pipe Rail And Pickets, 2 Rails One Coat Alkyd Enamel..... <i>09MOD-0248 For Epoxy Paint, Add</i>	1.84 0.12	
09910-0376	LF Paint Stair Pipe Rail And Pickets, 2 Rails Two Coats Alkyd Enamel <i>09MOD-0248 For Epoxy Paint, Add</i>	3.17 0.19	
09910-0377	LF Paint Balustrades, One Coat Alkyd Enamel..... <i>09MOD-0248 For Epoxy Paint, Add</i>	1.16 0.10	
09910-0378	LF Paint Balustrades, Two Coats Alkyd Enamel..... <i>09MOD-0248 For Epoxy Paint, Add</i>	2.09 0.19	
09910-0379	Grating <small>(09910-0310)</small>		
09910-0380	SF Paint Gratings And Frames One Coat Primer..... <i>09MOD-0249 For Epoxy Paint, Add</i>	1.91 0.13	
09910-0381	SF Paint Gratings And Frames One Coat Paint..... <i>09MOD-0249 For Epoxy Paint, Add</i>	1.87 0.12	
09910-0382	SF Paint Gratings And Frames Two Coats Paint <i>09MOD-0249 For Epoxy Paint, Add</i>	2.78 0.19	
09910-0383	Other Site Work Tasks <small>(09910-0310)</small>		
09910-0384	Shutters Or Blinds, Solid Panel <small>(09910-0383)</small>		
09910-0385	SF Shutter Or Blinds, Solid Panel, One Coat Primer, Brush.....	2.03	
09910-0386	SF Shutter Or Blinds, Solid Panel, One Coat, Brush.....	2.02	
09910-0387	SF Shutter Or Blinds, Solid Panel, Two Coats, Brush.....	3.59	
09910-0388	SF Shutter Or Blinds, Solid Panel, One Coat Primer, Spray.....	1.25	
09910-0389	SF Shutter Or Blinds, Solid Panel, One Coat, Spray.....	1.24	
09910-0390	SF Shutter Or Blinds, Solid Panel, Two Coats, Spray.....	2.27	
09910-0391	Shutters Or Blinds, Louvered Panel <small>(09910-0383)</small>		
09910-0392	SF Shutter Or Blinds, Louvered Panel, One Coat Primer, Brush.....	2.52	
09910-0393	SF Shutter Or Blinds, Louvered Panel, One Coat, Brush.....	2.51	
09910-0394	SF Shutter Or Blinds, Louvered Panel, Two Coats, Brush.....	4.45	
09910-0395	SF Shutter Or Blinds, Louvered Panel, One Coat Primer, Spray.....	1.52	
09910-0396	SF Shutter Or Blinds, Louvered Panel, One Coat, Spray.....	1.51	
09910-0397	SF Shutter Or Blinds, Louvered Panel, Two Coats, Spray.....	2.78	
09910-0398	Flagpoles <small>(09910-0383)</small>		
09910-0399	EA Paint Steel Flagpole, 20' High, One Coat Paint.....	146.01	
09910-0400	EA Paint Steel Flagpole, 30' High, One Coat Paint.....	195.86	
09910-0401	EA Paint Steel Flagpole, 40' High, One Coat Paint.....	245.76	
09910-0402	EA Paint Steel Flagpole, 50' High, One Coat Paint.....	295.67	
09910-0403	EA Paint Steel Flagpole, 70' High, One Coat Paint.....	388.34	
09910-0404	EA Paint Steel Flagpole, 80' High, One Coat Paint.....	437.34	
09910-0405	EA Paint Steel Flagpole, 90' High, One Coat Paint.....	486.36	

09000 Finishes

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09910 Exterior Painting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09910-0406 Lattice Or Trellis <small>(09910-0383)</small>				
09910-0407	SF	Paint Wood Lattice Or Trellis One Coat, Spray Per Side	0.97	
09910-0408	SF	Paint Wood Lattice Or Trellis Two Coats, Spray Per Side	1.79	
		<i>09MOD-0242 For Up To 100, Add</i>	1.23	
		<i>09MOD-0243 For > 100 To 250, Add</i>	0.58	
		<i>09MOD-0244 For > 250 To 500, Add</i>	0.25	
09910-0409 Stairs <small>(09910)</small>				
09910-0410 Concrete <small>(09910-0409)</small>				
09910-0411	RSR	Paint Concrete Stair (To 4' Wide) One Coat Primer	11.15	
09910-0412	RSR	Paint Concrete Stair (To 4' Wide) One Coat Alkyd Enamel	11.15	
09910-0413	RSR	Paint Concrete Stair (To 4' Wide) One Coat Non-Slip Paint	13.93	
09910-0414	RSR	Paint Concrete Stair (To 4' Wide) One Coat Non-Slip Epoxy Coating	21.94	
09910-0415	RSR	Paint Concrete Stair (To 4' Wide) Two Coats Alkyd Enamel	22.31	
09910-0416 Metal <small>(09910-0409)</small>				
09910-0417	RSR	Paint Metal Stair (To 4' Wide) One Coat Primer	5.72	
		<i>09MOD-0251 For Oil Based Paint, Add</i>	0.30	
09910-0418	RSR	Paint Metal Stair (To 4' Wide) One Coat Alkyd Enamel	5.72	
		<i>09MOD-0251 For Oil Based Paint, Add</i>	0.30	
09910-0419	RSR	Paint Metal Stair (To 4' Wide) Two Coats Alkyd Enamel	11.45	
		<i>09MOD-0251 For Oil Based Paint, Add</i>	0.60	
09910-0420 Wood <small>(09910-0409)</small>				
09910-0421	RSR	Paint Wood Stair (To 4' Wide) One Coat Primer	5.72	
09910-0422	RSR	Paint Wood Stair (To 4' Wide) One Coat Alkyd Enamel	5.72	
09910-0423	RSR	Paint Wood Stair (To 4' Wide) One Coat Non-Slip Paint	8.50	
09910-0424	RSR	Paint Wood Stair (To 4' Wide) One Coat Non-Slip Epoxy Coating	16.51	
09910-0425	RSR	Paint Wood Stair (To 4' Wide) Two Coats Alkyd Enamel	11.45	
09910-0426 Stair Nosing <small>(09910-0409)</small>				
09910-0427	LF	Paint Yellow Stair Safety Strip, Up To 2", Non-Slip	0.93	
09910-0428 Trim Work <small>(09910)</small>				
09910-0429 Metal <small>(09910-0428)</small>				
09910-0430	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush Work	0.78	
09910-0431	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush Work	0.78	
09910-0432	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush Work	1.42	
09910-0433	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush/Roller Work	0.62	
09910-0434	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush/Roller Work	0.70	
09910-0435	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush/Roller Work	1.26	
09910-0436	LF	Paint Exterior Gutter And Downspout, 1 Coat Paint, Brush Work	1.15	
09910-0437	LF	Paint Exterior Gutter And Downspout, 2 Coats Paint, Brush Work	1.53	
09910-0438 Wood <small>(09910-0428)</small>				
09910-0439	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush Work	0.92	
		<i>09MOD-0252 For Oil Based Paint, Add</i>	0.05	
09910-0440	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush Work	1.00	
		<i>09MOD-0252 For Oil Based Paint, Add</i>	0.06	
09910-0441	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush Work	1.80	
		<i>09MOD-0252 For Oil Based Paint, Add</i>	0.11	
09910-0442	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work	0.73	
		<i>09MOD-0252 For Oil Based Paint, Add</i>	0.04	
09910-0443	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work	0.81	
		<i>09MOD-0252 For Oil Based Paint, Add</i>	0.05	
09910-0444	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work	1.50	
		<i>09MOD-0252 For Oil Based Paint, Add</i>	0.09	
09920 Interior Painting <small>(09900)</small>				
Note: Acrylic latex paint unless otherwise stated				
09920-0001 Walls <small>(09920)</small>				
09920-0002 Brick Surfaces <small>(09920-0001)</small>				



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0003	SF Paint Interior Brick 1 Coat Filler, Brush Work.....	0.61	
	09MOD-0253 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.39	
	09MOD-0277 For > 100 To 250, Add	0.19	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
09920-0004	SF Paint Interior Brick 1 Coat Paint, Brush Work.....	0.70	
	09MOD-0253 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.45	
	09MOD-0277 For > 100 To 250, Add	0.22	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.14	
09920-0005	SF Paint Interior Brick 2 Coats Paint, Brush Work.....	1.25	
	09MOD-0253 For Oil Based Paint, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.79	
	09MOD-0277 For > 100 To 250, Add	0.38	
	09MOD-0278 For > 250 To 500, Add	0.16	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.13	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.19	
	09MOD-0282 For > 20000, Deduct	-0.25	
09920-0006	SF Paint Interior Brick 1 Coat Filler, Brush/Roller Work.....	0.50	
	09MOD-0253 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.31	
	09MOD-0277 For > 100 To 250, Add	0.15	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.10	
09920-0007	SF Paint Interior Brick 1 Coat Paint, Brush/Roller Work.....	0.61	
	09MOD-0253 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.36	
	09MOD-0277 For > 100 To 250, Add	0.17	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
09920-0008	SF Paint Interior Brick 2 Coats Paint, Brush/Roller Work.....	1.04	
	09MOD-0253 For Oil Based Paint, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.61	
	09MOD-0277 For > 100 To 250, Add	0.29	
	09MOD-0278 For > 250 To 500, Add	0.13	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.16	
	09MOD-0282 For > 20000, Deduct	-0.21	
09920-0009	SF Paint Interior Brick 1 Coat Filler, Spray.....	0.37	
	09MOD-0253 For Oil Based Paint, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.21	
	09MOD-0277 For > 100 To 250, Add	0.10	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.04	
09920-0010	SF Paint Interior Brick 1 Coat Paint, Spray.....	0.43	
	09MOD-0253 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.21	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.09	
	09MOD-0363 For Backroll, Add	0.05	
09920-0011	SF Paint Interior Brick 2 Coats Paint, Spray.....	0.74	
	09MOD-0253 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.38	
	09MOD-0277 For > 100 To 250, Add	0.18	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.15	
	09MOD-0363 For Backroll, Add	0.08	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0012	SF		Paint Interior Brick 1 Coat Bonding Agent, Brush Work.....	0.62	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0013	SF		Paint Interior Brick 1 Coat Bonding Agent, Brush/Roller Work.....	0.51	
	09MOD-0276		For Up To 100, Add	0.31	
	09MOD-0277		For > 100 To 250, Add	0.15	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
09920-0014	SF		Paint Interior Brick 1 Coat Bonding Agent, Spray	0.40	
	09MOD-0276		For Up To 100, Add	0.21	
	09MOD-0277		For > 100 To 250, Add	0.10	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
	09MOD-0363		For Backroll, Add	0.05	
09920-0015			Concrete Surfaces <small>(09920-0001)</small>		
09920-0016	SF		Paint Interior Concrete, 1 Coat Filler, Brush Work.....	0.52	
	09MOD-0254		For Oil Based Paint, Add	0.03	
	09MOD-0255		For Epoxy Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.34	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
09920-0017	SF		Paint Interior Concrete, 1 Coat Paint, Brush Work.....	0.56	
	09MOD-0254		For Oil Based Paint, Add	0.03	
	09MOD-0255		For Epoxy Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.38	
	09MOD-0277		For > 100 To 250, Add	0.18	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0018	SF		Paint Interior Concrete, 2 Coats Paint, Brush Work.....	1.03	
	09MOD-0254		For Oil Based Paint, Add	0.06	
	09MOD-0255		For Epoxy Paint, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.71	
	09MOD-0277		For > 100 To 250, Add	0.33	
	09MOD-0278		For > 250 To 500, Add	0.14	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282		For > 20000, Deduct	-0.21	
09920-0019	SF		Paint Interior Concrete, 1 Coat Filler, Brush/Roller Work.....	0.42	
	09MOD-0254		For Oil Based Paint, Add	0.03	
	09MOD-0255		For Epoxy Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.26	
	09MOD-0277		For > 100 To 250, Add	0.12	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
09920-0020	SF		Paint Interior Concrete, 1 Coat Paint, Brush/Roller Work.....	0.47	
	09MOD-0254		For Oil Based Paint, Add	0.03	
	09MOD-0255		For Epoxy Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.31	
	09MOD-0277		For > 100 To 250, Add	0.15	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	



Finishes 09000	9
Paints And Coatings 09900	
Interior Painting 09920	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0021	SF Paint Interior Concrete, 2 Coats Paint, Brush/Roller Work	0.86	
	09MOD-0254 For Oil Based Paint, Add	0.05	
	09MOD-0255 For Epoxy Paint, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.56	
	09MOD-0277 For > 100 To 250, Add	0.27	
	09MOD-0278 For > 250 To 500, Add	0.12	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0282 For > 20000, Deduct	-0.17	
09920-0022	SF Paint Interior Concrete, 1 Coat Filler, Spray	0.31	
	09MOD-0254 For Oil Based Paint, Add	0.02	
	09MOD-0255 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.17	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.04	
09920-0023	SF Paint Interior Concrete, 1 Coat Paint, Spray	0.34	
	09MOD-0254 For Oil Based Paint, Add	0.02	
	09MOD-0255 For Epoxy Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.20	
	09MOD-0277 For > 100 To 250, Add	0.10	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.04	
09920-0024	SF Paint Interior Concrete, 2 Coats Paint, Spray	0.57	
	09MOD-0254 For Oil Based Paint, Add	0.04	
	09MOD-0255 For Epoxy Paint, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.32	
	09MOD-0277 For > 100 To 250, Add	0.15	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.11	
	09MOD-0363 For Backroll, Add	0.07	
09920-0025	SF Paint Interior Concrete, 1 Coat Bonding Agent, Brush Work	0.53	
	09MOD-0276 For Up To 100, Add	0.34	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
09920-0026	SF Paint Interior Concrete, 1 Coat Bonding Agent, Brush/Roller Work	0.43	
	09MOD-0276 For Up To 100, Add	0.26	
	09MOD-0277 For > 100 To 250, Add	0.13	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0027	SF Paint Interior Concrete, 1 Coat Bonding Agent, Spray	0.32	
	09MOD-0276 For Up To 100, Add	0.17	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.04	
09920-0028	Concrete Masonry Unit Surfaces <small>(09920-0001)</small>		
09920-0029	Concrete Masonry Unit, Epoxy Paint <small>(09920-0028)</small>		
09920-0030	SF Paint Interior Concrete Masonry Units, 1 Coat Filler, Brush Work	0.72	
	09MOD-0276 For Up To 100, Add	0.44	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.14	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0031	SF		Paint Interior Concrete Masonry Units, 1 Coat Epoxy Paint, Brush	0.82	
	09MOD-0276		For Up To 100, Add	0.52	
	09MOD-0277		For > 100 To 250, Add	0.25	
	09MOD-0278		For > 250 To 500, Add	0.11	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282		For > 20000, Deduct	-0.16	
09920-0032	SF		Paint Interior Concrete Masonry Units, 2 Coats Epoxy Paint, Brush Work	1.47	
	09MOD-0276		For Up To 100, Add	0.91	
	09MOD-0277		For > 100 To 250, Add	0.43	
	09MOD-0278		For > 250 To 500, Add	0.19	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.15	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.22	
	09MOD-0282		For > 20000, Deduct	-0.29	
09920-0033	SF		Paint Interior Concrete Masonry Units, 1 Coat Filler, Brush/Roller Work	0.59	
	09MOD-0276		For Up To 100, Add	0.35	
	09MOD-0277		For > 100 To 250, Add	0.17	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0034	SF		Paint Interior Concrete Masonry Units, 1 Coat Epoxy Paint, Brush/Roller Work	0.65	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.13	
09920-0035	SF		Paint Interior Concrete Masonry Units, 2 Coats Epoxy Paint, Brush/Roller Work	1.22	
	09MOD-0276		For Up To 100, Add	0.72	
	09MOD-0277		For > 100 To 250, Add	0.35	
	09MOD-0278		For > 250 To 500, Add	0.15	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.18	
	09MOD-0282		For > 20000, Deduct	-0.24	
09920-0036	SF		Paint Interior Concrete Masonry Units, 1 Coat Filler, Sprayed	0.42	
	09MOD-0276		For Up To 100, Add	0.20	
	09MOD-0277		For > 100 To 250, Add	0.10	
	09MOD-0278		For > 250 To 500, Add	0.04	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
	09MOD-0363		For Backroll, Add	0.04	
09920-0037	SF		Paint Interior Concrete Masonry Units, 1 Coat Epoxy Paint, Sprayed	0.51	
	09MOD-0276		For Up To 100, Add	0.27	
	09MOD-0277		For > 100 To 250, Add	0.13	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
	09MOD-0363		For Backroll, Add	0.06	
09920-0038	SF		Paint Interior Concrete Masonry Units, 2 Coats Epoxy Paint, Sprayed	0.93	
	09MOD-0276		For Up To 100, Add	0.46	
	09MOD-0277		For > 100 To 250, Add	0.23	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282		For > 20000, Deduct	-0.19	
	09MOD-0363		For Backroll, Add	0.10	
09920-0039	Concrete Masonry Unit Surfaces, Acrylic Latex Paint (09920-0028)				
09920-0040	SF		Paint Interior Concrete Masonry Units, 1 Coat Filler, Brush Work	0.67	
	09MOD-0256		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.44	
	09MOD-0277		For > 100 To 250, Add	0.21	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.13	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0041	SF Paint Interior Concrete Masonry Units, 1 Coat Paint, Brush Work.....	0.78	
	09MOD-0256 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.50	
	09MOD-0277 For > 100 To 250, Add	0.24	
	09MOD-0278 For > 250 To 500, Add	0.10	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282 For > 20000, Deduct	-0.16	
09920-0042	SF Paint Interior Concrete Masonry Units, 2 Coats Paint, Brush Work.....	1.42	
	09MOD-0256 For Oil Based Paint, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.90	
	09MOD-0277 For > 100 To 250, Add	0.43	
	09MOD-0278 For > 250 To 500, Add	0.19	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.14	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.21	
	09MOD-0282 For > 20000, Deduct	-0.28	
09920-0043	SF Paint Interior Concrete Masonry Units, Texture Coat, Brush Work.....	0.87	
	09MOD-0256 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.56	
	09MOD-0277 For > 100 To 250, Add	0.26	
	09MOD-0278 For > 250 To 500, Add	0.11	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0282 For > 20000, Deduct	-0.17	
09920-0044	SF Paint Interior Concrete Masonry Units, 1 Coat Filler, Brush/Roller Work.....	0.56	
	09MOD-0256 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.35	
	09MOD-0277 For > 100 To 250, Add	0.17	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
09920-0045	SF Paint Interior Concrete Masonry Units, 1 Coat Paint, Brush/Roller Work	0.66	
	09MOD-0256 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.41	
	09MOD-0277 For > 100 To 250, Add	0.20	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282 For > 20000, Deduct	-0.13	
09920-0046	SF Paint Interior Concrete Masonry Units, 2 Coats Paint, Brush/Roller Work.....	1.18	
	09MOD-0256 For Oil Based Paint, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.72	
	09MOD-0277 For > 100 To 250, Add	0.34	
	09MOD-0278 For > 250 To 500, Add	0.15	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.18	
	09MOD-0282 For > 20000, Deduct	-0.24	
09920-0047	SF Paint Interior Concrete Masonry Units, Texture Coat, Brush/Roller Work	0.74	
	09MOD-0256 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.46	
	09MOD-0277 For > 100 To 250, Add	0.22	
	09MOD-0278 For > 250 To 500, Add	0.10	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.15	
09920-0048	SF Paint Interior Concrete Masonry Units, 1 Coat Filler, Spray	0.42	
	09MOD-0256 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.23	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.05	
09920-0049	SF Paint Interior Concrete Masonry Units, 1 Coat Paint, Spray	0.50	
	09MOD-0256 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.27	
	09MOD-0277 For > 100 To 250, Add	0.13	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.10	
	09MOD-0363 For Backroll, Add	0.06	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0050	SF		Paint Interior Concrete Masonry Units, 2 Coats Paint, Spray	0.69	
	09MOD-0256		For Oil Based Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.14	
	09MOD-0363		For Backroll, Add	0.08	
09920-0051	SF		Paint Interior Concrete Masonry Units, Texture Coat, Spray	0.58	
	09MOD-0256		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.31	
	09MOD-0277		For > 100 To 250, Add	0.15	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
	09MOD-0363		For Backroll, Add	0.07	
09920-0052			Concrete Masonry Unit Bonding Agent (09920-0028)		
09920-0053	SF		Paint Interior Concrete Masonry Units, 1 Coat Bonding Agent, Brush	0.68	
	09MOD-0276		For Up To 100, Add	0.44	
	09MOD-0277		For > 100 To 250, Add	0.21	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.14	
09920-0054	SF		Paint Interior Concrete Masonry Units, 1 Coat Bonding Agent, Brush/Roller Work	0.57	
	09MOD-0276		For Up To 100, Add	0.36	
	09MOD-0277		For > 100 To 250, Add	0.17	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0055	SF		Paint Interior Concrete Masonry Units, 1 Coat Bonding Agent, Sprayed	0.45	
	09MOD-0276		For Up To 100, Add	0.24	
	09MOD-0277		For > 100 To 250, Add	0.12	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	
	09MOD-0363		For Backroll, Add	0.05	
09920-0056			Drywall/Plaster Surfaces (09920-0001)		
09920-0057			Plaster/Drywall (09920-0056)		
09920-0058	SF		Paint Interior Plaster/Drywall, 1 Coat Primer, Brush	0.54	
	09MOD-0257		For Oil Based Paint, Add	0.03	
	09MOD-0258		For Orange Peel Finish, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.35	
	09MOD-0277		For > 100 To 250, Add	0.17	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0059	SF		Paint Interior Plaster/Drywall, 1 Coat Paint, Brush	0.57	
	09MOD-0257		For Oil Based Paint, Add	0.03	
	09MOD-0258		For Orange Peel Finish, Add	0.08	
	09MOD-0260		For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.18	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0060	SF		Paint Interior Plaster/Drywall, 2 Coats Paint, Brush	1.04	
	09MOD-0257		For Oil Based Paint, Add	0.06	
	09MOD-0258		For Orange Peel Finish, Add	0.15	
	09MOD-0260		For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276		For Up To 100, Add	0.70	
	09MOD-0277		For > 100 To 250, Add	0.33	
	09MOD-0278		For > 250 To 500, Add	0.14	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.16	
	09MOD-0282		For > 20000, Deduct	-0.21	



Finishes 09000	9900
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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0061	SF Paint Interior Plaster/Drywall, 3 Coats Paint, Brush.....	1.48	
	09MOD-0257 For Oil Based Paint, Add	0.08	
	09MOD-0258 For Orange Peel Finish, Add	0.21	
	09MOD-0260 For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276 For Up To 100, Add	0.98	
	09MOD-0277 For > 100 To 250, Add	0.47	
	09MOD-0278 For > 250 To 500, Add	0.20	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.15	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.22	
	09MOD-0282 For > 20000, Deduct	-0.30	
09920-0062	SF Paint Interior Plaster/Drywall, 1 Coat Primer, Brush/Roller Work.....	0.43	
	09MOD-0257 For Oil Based Paint, Add	0.03	
	09MOD-0258 For Orange Peel Finish, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.27	
	09MOD-0277 For > 100 To 250, Add	0.13	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0063	SF Paint Interior Plaster/Drywall, 1 Coat Paint, Brush/Roller Work.....	0.49	
	09MOD-0257 For Oil Based Paint, Add	0.03	
	09MOD-0258 For Orange Peel Finish, Add	0.07	
	09MOD-0261 For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276 For Up To 100, Add	0.32	
	09MOD-0277 For > 100 To 250, Add	0.15	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.10	
09920-0064	SF Paint Interior Plaster/Drywall, 2 Coats Paint, Brush/Roller Work.....	0.86	
	09MOD-0257 For Oil Based Paint, Add	0.05	
	09MOD-0258 For Orange Peel Finish, Add	0.12	
	09MOD-0261 For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276 For Up To 100, Add	0.55	
	09MOD-0277 For > 100 To 250, Add	0.26	
	09MOD-0278 For > 250 To 500, Add	0.11	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0282 For > 20000, Deduct	-0.17	
09920-0065	SF Paint Interior Plaster/Drywall, 1 Coat Primer, Sprayed.....	0.30	
	09MOD-0257 For Oil Based Paint, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.16	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.03	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.03	
09920-0066	SF Paint Interior Plaster/Drywall, 1 Coat Paint, Sprayed.....	0.34	
	09MOD-0257 For Oil Based Paint, Add	0.02	
	09MOD-0262 For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276 For Up To 100, Add	0.20	
	09MOD-0277 For > 100 To 250, Add	0.10	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.04	
09920-0067	SF Paint Interior Plaster/Drywall, 2 Coats Paint, Sprayed.....	0.57	
	09MOD-0257 For Oil Based Paint, Add	0.04	
	09MOD-0262 For Each Coat With Egg Shell Finish, Add	0.01	
	09MOD-0276 For Up To 100, Add	0.32	
	09MOD-0277 For > 100 To 250, Add	0.15	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.11	
	09MOD-0363 For Backroll, Add	0.07	
09920-0068	Polymix Multi-Color Spray Applied Paint Finish <small>(09920-0056)</small>	0.98	
09920-0069	SF Interior Plaster, Drywall Or Masonry Wall, 2 Tone With Base Coat.....	0.98	
	09MOD-0276 For Up To 100, Add	0.42	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282 For > 20000, Deduct	-0.20	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0070	SF		Interior Plaster, Drywall Or Masonry Wall, 3 Tone With Base Coat	1.06	
	09MOD-0276		For Up To 100, Add	0.43	
	09MOD-0277		For > 100 To 250, Add	0.22	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.16	
	09MOD-0282		For > 20000, Deduct	-0.21	
09920-0071	SF		Interior Plaster, Drywall Or Masonry Wall, 4 Tone With Base Coat	1.15	
	09MOD-0276		For Up To 100, Add	0.44	
	09MOD-0277		For > 100 To 250, Add	0.23	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.23	
09920-0072			Spray-On Textured Acoustical Paint (09920-0056)		
09920-0073	SF		Acoustic Spray-on Texture Paint, 1 Coat Primer.....	0.50	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
09920-0074	SF		Acoustic Spray-on Texture Paint, 1 Coat Finish	0.59	
	09MOD-0276		For Up To 100, Add	0.36	
	09MOD-0277		For > 100 To 250, Add	0.17	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0075	SF		Acoustic Spray-on Texture Paint, 2 Coats Finish.....	0.92	
	09MOD-0276		For Up To 100, Add	0.52	
	09MOD-0277		For > 100 To 250, Add	0.25	
	09MOD-0278		For > 250 To 500, Add	0.11	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282		For > 20000, Deduct	-0.18	
09920-0076	SF		Stipple Finish (Drippowder).....	1.15	
	09MOD-0276		For Up To 100, Add	0.83	
	09MOD-0277		For > 100 To 250, Add	0.39	
	09MOD-0278		For > 250 To 500, Add	0.17	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.23	
09920-0077			Metal Surfaces (09920-0001)		
09920-0078			Galvanized Surfaces, Galvanized Primer (09920-0077)		
			Note: Linseed oil or acrylic latex paint		
09920-0079	SF		Paint Interior Galvanized Surfaces, One Coat Primer, Brush Work	0.62	
	09MOD-0259		For Electrostatic Painting, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0080	SF		Paint Interior Galvanized Surfaces, One Coat Paint, Brush Work.....	0.69	
	09MOD-0259		For Electrostatic Painting, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.45	
	09MOD-0277		For > 100 To 250, Add	0.21	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.14	
09920-0081	SF		Paint Interior Galvanized Surfaces, Two Coats Paint, Brush Work.....	1.25	
	09MOD-0259		For Electrostatic Painting, Add	0.16	
	09MOD-0276		For Up To 100, Add	0.79	
	09MOD-0277		For > 100 To 250, Add	0.38	
	09MOD-0278		For > 250 To 500, Add	0.16	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.13	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.19	
	09MOD-0282		For > 20000, Deduct	-0.25	



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Paints And Coatings 09900	
Interior Painting 09920	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0082	SF Paint Interior Galvanized Surfaces, One Coat Primer, Brush/Roller Work.....	0.46	
	09MOD-0259 For Electrostatic Painting, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.29	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0083	SF Paint Interior Galvanized Surfaces, One Coat Paint, Brush/Roller Work.....	0.54	
	09MOD-0259 For Electrostatic Painting, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.34	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
09920-0084	SF Paint Interior Galvanized Surfaces, Two Coats Paint, Brush/Roller Work	0.99	
	09MOD-0259 For Electrostatic Painting, Add	0.13	
	09MOD-0276 For Up To 100, Add	0.62	
	09MOD-0277 For > 100 To 250, Add	0.29	
	09MOD-0278 For > 250 To 500, Add	0.13	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282 For > 20000, Deduct	-0.20	
09920-0085	SF Paint Interior Galvanized Surfaces, One Primer, Sprayed.....	0.32	
	09MOD-0259 For Electrostatic Painting, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.16	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.03	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.03	
09920-0086	SF Paint Interior Galvanized Surfaces, One Paint, Sprayed	0.42	
	09MOD-0259 For Electrostatic Painting, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.23	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.05	
09920-0087	SF Paint Interior Galvanized Surfaces, Two Coats Paint, Sprayed.....	0.71	
	09MOD-0259 For Electrostatic Painting, Add	0.11	
	09MOD-0276 For Up To 100, Add	0.36	
	09MOD-0277 For > 100 To 250, Add	0.18	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.14	
	09MOD-0363 For Backroll, Add	0.08	
09920-0088	Aluminum And Aluminum Alloy Surface Pretreatment Primer <small>(09920-0077)</small>		
	Note: Alkyd enamel paint		
09920-0089	SF Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush Work.....	0.62	
	09MOD-0259 For Electrostatic Painting, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.39	
	09MOD-0277 For > 100 To 250, Add	0.19	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
09920-0090	SF Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush Work	0.69	
	09MOD-0259 For Electrostatic Painting, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.45	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282 For > 20000, Deduct	-0.14	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0091	SF		Paint Interior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush Work.....	1.24	
	09MOD-0259		For Electrostatic Painting, Add	0.16	
	09MOD-0276		For Up To 100, Add	0.79	
	09MOD-0277		For > 100 To 250, Add	0.37	
	09MOD-0278		For > 250 To 500, Add	0.16	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.19	
	09MOD-0282		For > 20000, Deduct	-0.25	
09920-0092	SF		Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Primer, Brush/Roller Work.....	0.50	
	09MOD-0259		For Electrostatic Painting, Add	0.07	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
09920-0093	SF		Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Paint, Brush/Roller Work.....	0.57	
	09MOD-0259		For Electrostatic Painting, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.34	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0094	SF		Paint Interior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Brush/Roller Work.....	1.06	
	09MOD-0259		For Electrostatic Painting, Add	0.15	
	09MOD-0276		For Up To 100, Add	0.63	
	09MOD-0277		For > 100 To 250, Add	0.30	
	09MOD-0278		For > 250 To 500, Add	0.13	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.16	
	09MOD-0282		For > 20000, Deduct	-0.21	
09920-0095	SF		Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Primer, Sprayed.....	0.35	
	09MOD-0259		For Electrostatic Painting, Add	0.06	
	09MOD-0276		For Up To 100, Add	0.18	
	09MOD-0277		For > 100 To 250, Add	0.09	
	09MOD-0278		For > 250 To 500, Add	0.04	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282		For > 20000, Deduct	-0.07	
	09MOD-0363		For Backroll, Add	0.04	
09920-0096	SF		Paint Interior Aluminum And Aluminum Alloy Surface, One Coat Paint, Sprayed.....	0.42	
	09MOD-0259		For Electrostatic Painting, Add	0.06	
	09MOD-0276		For Up To 100, Add	0.23	
	09MOD-0277		For > 100 To 250, Add	0.11	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
	09MOD-0363		For Backroll, Add	0.05	
09920-0097	SF		Paint Interior Aluminum And Aluminum Alloy Surface, Two Coats Paint, Sprayed.....	0.71	
	09MOD-0259		For Electrostatic Painting, Add	0.11	
	09MOD-0276		For Up To 100, Add	0.36	
	09MOD-0277		For > 100 To 250, Add	0.18	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282		For > 20000, Deduct	-0.14	
	09MOD-0363		For Backroll, Add	0.08	
09920-0098			Miscellaneous Surfaces (09920-0077)		
09920-0099	SF		Paint Interior Miscellaneous Exposed Metal, 1 Coat Primer, Brush/Roller Work.....	0.46	
	09MOD-0259		For Electrostatic Painting, Add	0.06	
	09MOD-0276		For Up To 100, Add	0.30	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	
09920-0100	SF		Paint Interior Miscellaneous Exposed Metal, 1 Coat Alkyd Enamel, Brush/Roller Work.....	0.63	
	09MOD-0259		For Electrostatic Painting, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.42	
	09MOD-0277		For > 100 To 250, Add	0.20	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.13	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0101	SF Paint Interior Miscellaneous Exposed Metal, 2 Coats Alkyd Enamel Paint, Brush/Roller Work.....	0.96	
	09MOD-0259 For Electrostatic Painting, Add	0.11	
	09MOD-0276 For Up To 100, Add	0.65	
	09MOD-0277 For > 100 To 250, Add	0.31	
	09MOD-0278 For > 250 To 500, Add	0.13	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282 For > 20000, Deduct	-0.19	
09920-0102	SF Paint Interior Miscellaneous Exposed Metal, 1 Coat Primer, Sprayed.....	0.53	
	09MOD-0259 For Electrostatic Painting, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.34	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
	09MOD-0363 For Backroll, Add	0.07	
09920-0103	SF Paint Interior Miscellaneous Exposed Metal, 1 Coat Alkyd, Sprayed.....	0.53	
	09MOD-0259 For Electrostatic Painting, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.34	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
	09MOD-0363 For Backroll, Add	0.07	
09920-0104	SF Paint Interior Miscellaneous Exposed Metal, 2 Coats Alkyd, Sprayed.....	0.82	
	09MOD-0259 For Electrostatic Painting, Add	0.10	
	09MOD-0276 For Up To 100, Add	0.53	
	09MOD-0277 For > 100 To 250, Add	0.25	
	09MOD-0278 For > 250 To 500, Add	0.11	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282 For > 20000, Deduct	-0.16	
	09MOD-0363 For Backroll, Add	0.11	
09920-0105	Corrugated Metal Surfaces <small>(09920-0077)</small>		
09920-0106	SF Paint Interior Corrugated Metal Surfaces, One Primer, Sprayed.....	0.39	
	09MOD-0259 For Electrostatic Painting, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.20	
	09MOD-0277 For > 100 To 250, Add	0.10	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.04	
09920-0107	SF Paint Interior Corrugated Metal Surfaces, One Paint, Sprayed.....	0.54	
	09MOD-0259 For Electrostatic Painting, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.31	
	09MOD-0277 For > 100 To 250, Add	0.15	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
	09MOD-0363 For Backroll, Add	0.07	
09920-0108	SF Paint Interior Corrugated Metal Surfaces, Two Coats Paint, Sprayed.....	0.89	
	09MOD-0259 For Electrostatic Painting, Add	0.14	
	09MOD-0276 For Up To 100, Add	0.48	
	09MOD-0277 For > 100 To 250, Add	0.23	
	09MOD-0278 For > 250 To 500, Add	0.10	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0282 For > 20000, Deduct	-0.18	
	09MOD-0363 For Backroll, Add	0.10	
09920-0109	Stucco Surfaces <small>(09920-0001)</small>		
09920-0110	SF Paint Interior Stucco Surfaces One Coat Primer, Brush Work.....	0.89	
	09MOD-0263 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.60	
	09MOD-0277 For > 100 To 250, Add	0.28	
	09MOD-0278 For > 250 To 500, Add	0.12	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.13	
	09MOD-0282 For > 20000, Deduct	-0.18	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0111	SF		Paint Interior Stucco Surfaces One Coat Paint, Brush Work	0.97	
	09MOD-0263		For Oil Based Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.66	
	09MOD-0277		For > 100 To 250, Add	0.31	
	09MOD-0278		For > 250 To 500, Add	0.13	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282		For > 20000, Deduct	-0.19	
09920-0112	SF		Paint Interior Stucco Surfaces, Two Coats Paint, Brush Work.....	1.73	
	09MOD-0263		For Oil Based Paint, Add	0.10	
	09MOD-0276		For Up To 100, Add	1.15	
	09MOD-0277		For > 100 To 250, Add	0.54	
	09MOD-0278		For > 250 To 500, Add	0.23	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.09	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.17	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.26	
	09MOD-0282		For > 20000, Deduct	-0.35	
09920-0113	SF		Paint Interior Stucco Surfaces One Coat Primer, Brush/Roller Work.....	0.68	
	09MOD-0263		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.44	
	09MOD-0277		For > 100 To 250, Add	0.21	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.14	
09920-0114	SF		Paint Interior Stucco Surfaces One Coat Paint, Brush/Roller Work	0.75	
	09MOD-0263		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.49	
	09MOD-0277		For > 100 To 250, Add	0.23	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282		For > 20000, Deduct	-0.15	
09920-0115	SF		Paint Interior Stucco Surfaces, Two Coats Paint, Brush/Roller Work	1.39	
	09MOD-0263		For Oil Based Paint, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.89	
	09MOD-0277		For > 100 To 250, Add	0.42	
	09MOD-0278		For > 250 To 500, Add	0.18	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.14	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.21	
	09MOD-0282		For > 20000, Deduct	-0.28	
09920-0116	SF		Paint Interior Stucco Surfaces One Coat Primer, Sprayed	0.42	
	09MOD-0263		For Oil Based Paint, Add	0.03	
	09MOD-0276		For Up To 100, Add	0.24	
	09MOD-0277		For > 100 To 250, Add	0.12	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
	09MOD-0363		For Backroll, Add	0.05	
09920-0117	SF		Paint Interior Stucco Surfaces One Coat Paint, Sprayed.....	0.52	
	09MOD-0263		For Oil Based Paint, Add	0.03	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
	09MOD-0363		For Backroll, Add	0.06	
09920-0118	SF		Paint Interior Stucco Surfaces, Two Coats Paint, Sprayed.....	1.00	
	09MOD-0263		For Oil Based Paint, Add	0.06	
	09MOD-0276		For Up To 100, Add	0.58	
	09MOD-0277		For > 100 To 250, Add	0.28	
	09MOD-0278		For > 250 To 500, Add	0.12	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282		For > 20000, Deduct	-0.20	
	09MOD-0363		For Backroll, Add	0.12	

09920-0119 Wood Surfaces (09920-0001)

09920-0120 Interior Wood Surfaces (09920-0119)



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0121	SF Paint Interior Wood Surface, 1 Coat Paint, Brush.....	0.67	
	09MOD-0264 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.45	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282 For > 20000, Deduct	-0.13	
09920-0122	SF Paint Interior Wood Surface, 2 Coats Paint, Brush.....	1.22	
	09MOD-0264 For Oil Based Paint, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.81	
	09MOD-0277 For > 100 To 250, Add	0.38	
	09MOD-0278 For > 250 To 500, Add	0.17	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.18	
	09MOD-0282 For > 20000, Deduct	-0.24	
09920-0123	SF Paint Interior Wood Surface, 3 Coats Paint, Brush.....	1.72	
	09MOD-0264 For Oil Based Paint, Add	0.10	
	09MOD-0276 For Up To 100, Add	1.13	
	09MOD-0277 For > 100 To 250, Add	0.54	
	09MOD-0278 For > 250 To 500, Add	0.23	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.09	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.17	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.26	
	09MOD-0282 For > 20000, Deduct	-0.34	
09920-0124	SF Paint Interior Wood Surface, 1 Coat Primer, Brush/Roller.....	0.47	
	09MOD-0264 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.30	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0125	SF Paint Interior Wood Surfaces, 1 Coat Paint, Brush/Roller.....	0.54	
	09MOD-0264 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.35	
	09MOD-0277 For > 100 To 250, Add	0.17	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
09920-0126	SF Paint Interior Wood Surfaces, 2 Coats Paint, Brush/Roller.....	0.95	
	09MOD-0264 For Oil Based Paint, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.60	
	09MOD-0277 For > 100 To 250, Add	0.29	
	09MOD-0278 For > 250 To 500, Add	0.12	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282 For > 20000, Deduct	-0.19	
09920-0127	SF Paint Interior Wood Surface, 1 Coat Primer, Spray.....	0.30	
	09MOD-0264 For Oil Based Paint, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.16	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.03	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.03	
09920-0128	SF Paint Interior Wood Surface, 1 Coat Paint, Spray.....	0.37	
	09MOD-0264 For Oil Based Paint, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.21	
	09MOD-0277 For > 100 To 250, Add	0.10	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.04	
09920-0129	SF Paint Interior Wood Surface, 2 Coats Paint, Spray.....	0.71	
	09MOD-0264 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.38	
	09MOD-0277 For > 100 To 250, Add	0.19	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.14	
	09MOD-0363 For Backroll, Add	0.08	

09920-0130 Ceilings (09920)

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0131			Acoustical <small>(09920-0130)</small>		
			Note: Includes grid		
09920-0132	SF		Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush Work.....	0.59	
			09MOD-0265 For Oil Based Paint, Add	0.03	
			09MOD-0276 For Up To 100, Add	0.39	
			09MOD-0277 For > 100 To 250, Add	0.18	
			09MOD-0278 For > 250 To 500, Add	0.08	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
			09MOD-0282 For > 20000, Deduct	-0.12	
09920-0133	SF		Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush Work.....	0.64	
			09MOD-0265 For Oil Based Paint, Add	0.04	
			09MOD-0276 For Up To 100, Add	0.44	
			09MOD-0277 For > 100 To 250, Add	0.21	
			09MOD-0278 For > 250 To 500, Add	0.09	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
			09MOD-0282 For > 20000, Deduct	-0.13	
09920-0134	SF		Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush Work.....	1.14	
			09MOD-0265 For Oil Based Paint, Add	0.06	
			09MOD-0276 For Up To 100, Add	0.77	
			09MOD-0277 For > 100 To 250, Add	0.36	
			09MOD-0278 For > 250 To 500, Add	0.16	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.11	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.17	
			09MOD-0282 For > 20000, Deduct	-0.23	
09920-0135	SF		Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.51	
			09MOD-0265 For Oil Based Paint, Add	0.03	
			09MOD-0276 For Up To 100, Add	0.33	
			09MOD-0277 For > 100 To 250, Add	0.16	
			09MOD-0278 For > 250 To 500, Add	0.07	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
			09MOD-0282 For > 20000, Deduct	-0.10	
09920-0136	SF		Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.50	
			09MOD-0265 For Oil Based Paint, Add	0.03	
			09MOD-0276 For Up To 100, Add	0.33	
			09MOD-0277 For > 100 To 250, Add	0.16	
			09MOD-0278 For > 250 To 500, Add	0.07	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
			09MOD-0282 For > 20000, Deduct	-0.10	
09920-0137	SF		Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.92	
			09MOD-0265 For Oil Based Paint, Add	0.05	
			09MOD-0276 For Up To 100, Add	0.61	
			09MOD-0277 For > 100 To 250, Add	0.29	
			09MOD-0278 For > 250 To 500, Add	0.12	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.14	
			09MOD-0282 For > 20000, Deduct	-0.18	
09920-0138	SF		Paint Interior Acoustical Ceiling, 1 Coat Primer, Spray.....	0.39	
			09MOD-0265 For Oil Based Paint, Add	0.03	
			09MOD-0276 For Up To 100, Add	0.23	
			09MOD-0277 For > 100 To 250, Add	0.11	
			09MOD-0278 For > 250 To 500, Add	0.05	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
			09MOD-0282 For > 20000, Deduct	-0.08	
			09MOD-0363 For Backroll, Add	0.05	
09920-0139	SF		Paint Interior Acoustical Ceiling, 1 Coat Paint, Spray.....	0.37	
			09MOD-0265 For Oil Based Paint, Add	0.02	
			09MOD-0276 For Up To 100, Add	0.22	
			09MOD-0277 For > 100 To 250, Add	0.11	
			09MOD-0278 For > 250 To 500, Add	0.05	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
			09MOD-0282 For > 20000, Deduct	-0.07	
			09MOD-0363 For Backroll, Add	0.05	
09920-0140	SF		Paint Interior Acoustical Ceiling, 2 Coats Paint, Spray.....	0.61	
			09MOD-0265 For Oil Based Paint, Add	0.04	
			09MOD-0276 For Up To 100, Add	0.35	
			09MOD-0277 For > 100 To 250, Add	0.17	
			09MOD-0278 For > 250 To 500, Add	0.07	
			09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
			09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
			09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
			09MOD-0282 For > 20000, Deduct	-0.12	
			09MOD-0363 For Backroll, Add	0.07	



Finishes 09000	9900	99
Paints And Coatings	09900	
Interior Painting	09920	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0141	Concrete <small>(09920-0130)</small>		
09920-0142	SF Paint Interior Concrete Ceiling, 1 Coat Filler, Brush Work.....	0.59	
	09MOD-0266 For Oil Based Paint, Add	0.03	
	09MOD-0267 For Epoxy Paint, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.39	
	09MOD-0277 For > 100 To 250, Add	0.18	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
09920-0143	SF Paint Interior Concrete Ceiling, 1 Coat Paint, Brush Work.....	0.64	
	09MOD-0266 For Oil Based Paint, Add	0.04	
	09MOD-0267 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.44	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282 For > 20000, Deduct	-0.13	
09920-0144	SF Paint Interior Concrete Ceiling, 2 Coats Paint, Brush Work.....	1.14	
	09MOD-0266 For Oil Based Paint, Add	0.06	
	09MOD-0267 For Epoxy Paint, Add	0.10	
	09MOD-0276 For Up To 100, Add	0.77	
	09MOD-0277 For > 100 To 250, Add	0.36	
	09MOD-0278 For > 250 To 500, Add	0.16	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282 For > 20000, Deduct	-0.23	
09920-0145	SF Paint Interior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work.....	0.45	
	09MOD-0266 For Oil Based Paint, Add	0.03	
	09MOD-0267 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.28	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0146	SF Paint Interior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.50	
	09MOD-0266 For Oil Based Paint, Add	0.03	
	09MOD-0267 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.33	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.10	
09920-0147	SF Paint Interior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work.....	0.92	
	09MOD-0266 For Oil Based Paint, Add	0.05	
	09MOD-0267 For Epoxy Paint, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.61	
	09MOD-0277 For > 100 To 250, Add	0.29	
	09MOD-0278 For > 250 To 500, Add	0.12	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282 For > 20000, Deduct	-0.18	
09920-0148	SF Paint Interior Concrete Ceiling, 1 Coat Filler, Spray.....	0.37	
	09MOD-0266 For Oil Based Paint, Add	0.02	
	09MOD-0267 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.21	
	09MOD-0277 For > 100 To 250, Add	0.10	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.04	
09920-0149	SF Paint Interior Concrete Ceiling, 1 Coat Paint, Spray.....	0.37	
	09MOD-0266 For Oil Based Paint, Add	0.02	
	09MOD-0267 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.22	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.05	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0150	SF		Paint Interior Concrete Ceiling, 2 Coats Paint, Spray	0.61	
	09MOD-0266		For Oil Based Paint, Add	0.04	
	09MOD-0267		For Epoxy Paint, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.35	
	09MOD-0277		For > 100 To 250, Add	0.17	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
	09MOD-0363		For Backroll, Add	0.07	
09920-0151	SF		Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush Work.....	0.60	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0152	SF		Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush/Roller.....	0.46	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	
09920-0153	SF		Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Spray.....	0.38	
	09MOD-0276		For Up To 100, Add	0.21	
	09MOD-0277		For > 100 To 250, Add	0.10	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
	09MOD-0363		For Backroll, Add	0.05	
09920-0154			Drywall/Plaster <small>(09920-0130)</small>		
09920-0155	SF		Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work.....	0.59	
	09MOD-0268		For Oil Based Paint, Add	0.03	
	09MOD-0269		For Orange Peel Finish, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.18	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0156	SF		Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.64	
	09MOD-0268		For Oil Based Paint, Add	0.04	
	09MOD-0269		For Orange Peel Finish, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.44	
	09MOD-0277		For > 100 To 250, Add	0.21	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.13	
09920-0157	SF		Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work.....	1.14	
	09MOD-0268		For Oil Based Paint, Add	0.06	
	09MOD-0269		For Orange Peel Finish, Add	0.16	
	09MOD-0276		For Up To 100, Add	0.77	
	09MOD-0277		For > 100 To 250, Add	0.36	
	09MOD-0278		For > 250 To 500, Add	0.16	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.23	
09920-0158	SF		Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.51	
	09MOD-0268		For Oil Based Paint, Add	0.03	
	09MOD-0269		For Orange Peel Finish, Add	0.07	
	09MOD-0276		For Up To 100, Add	0.33	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	



Finishes 09000	9
Paints And Coatings 09900	
Interior Painting 09920	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0159	SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.50	
	09MOD-0268 For Oil Based Paint, Add	0.03	
	09MOD-0269 For Orange Peel Finish, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.33	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.10	
09920-0160	SF Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	0.92	
	09MOD-0268 For Oil Based Paint, Add	0.05	
	09MOD-0269 For Orange Peel Finish, Add	0.13	
	09MOD-0276 For Up To 100, Add	0.61	
	09MOD-0277 For > 100 To 250, Add	0.29	
	09MOD-0278 For > 250 To 500, Add	0.12	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.09	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282 For > 20000, Deduct	-0.18	
09920-0161	SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Spray	0.39	
	09MOD-0268 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.23	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.05	
09920-0162	SF Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Spray	0.37	
	09MOD-0268 For Oil Based Paint, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.22	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.07	
	09MOD-0363 For Backroll, Add	0.05	
09920-0163	SF Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Spray	0.61	
	09MOD-0268 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.35	
	09MOD-0277 For > 100 To 250, Add	0.17	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
	09MOD-0363 For Backroll, Add	0.07	
09920-0164	Metal <small>(09920-0130)</small>		
09920-0165	Galvanized Surfaces, Galvanized Primer <small>(09920-0164)</small>		
	Note: Linseed oil or acrylic latex paint		
09920-0166	SF Paint Interior Galvanized Ceiling, One Coat Primer, Brush Work	0.69	
	09MOD-0270 For Electrostatic Painting, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.45	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282 For > 20000, Deduct	-0.14	
09920-0167	SF Paint Interior Galvanized Ceiling, One Coat Paint, Brush Work	0.76	
	09MOD-0270 For Electrostatic Painting, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.50	
	09MOD-0277 For > 100 To 250, Add	0.24	
	09MOD-0278 For > 250 To 500, Add	0.10	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.15	
09920-0168	SF Paint Interior Galvanized Ceiling, Two Coats Paint, Brush Work	1.38	
	09MOD-0270 For Electrostatic Painting, Add	0.17	
	09MOD-0276 For Up To 100, Add	0.89	
	09MOD-0277 For > 100 To 250, Add	0.42	
	09MOD-0278 For > 250 To 500, Add	0.18	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.14	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.21	
	09MOD-0282 For > 20000, Deduct	-0.28	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0169	SF		Paint Interior Galvanized Ceiling, One Coat Primer, Brush/Roller Work.....	0.53	
	09MOD-0270		For Electrostatic Painting, Add	0.07	
	09MOD-0276		For Up To 100, Add	0.34	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0170	SF		Paint Interior Galvanized Ceiling, One Coat Paint, Brush/Roller Work	0.60	
	09MOD-0270		For Electrostatic Painting, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0171	SF		Paint Interior Galvanized Ceiling, Two Coats Paint, Brush/Roller Work.....	1.10	
	09MOD-0270		For Electrostatic Painting, Add	0.14	
	09MOD-0276		For Up To 100, Add	0.71	
	09MOD-0277		For > 100 To 250, Add	0.34	
	09MOD-0278		For > 250 To 500, Add	0.15	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.22	
09920-0172	SF		Paint Interior Galvanized Ceiling, One Primer, Sprayed	0.42	
	09MOD-0270		For Electrostatic Painting, Add	0.06	
	09MOD-0276		For Up To 100, Add	0.23	
	09MOD-0277		For > 100 To 250, Add	0.11	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282		For > 20000, Deduct	-0.08	
	09MOD-0363		For Backroll, Add	0.05	
09920-0173	SF		Paint Interior Galvanized Ceiling, One Paint, Sprayed.....	0.50	
	09MOD-0270		For Electrostatic Painting, Add	0.07	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
	09MOD-0363		For Backroll, Add	0.06	
09920-0174	SF		Paint Interior Galvanized Ceiling, Two Coats Paint, Sprayed	0.78	
	09MOD-0270		For Electrostatic Painting, Add	0.12	
	09MOD-0276		For Up To 100, Add	0.42	
	09MOD-0277		For > 100 To 250, Add	0.20	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282		For > 20000, Deduct	-0.16	
	09MOD-0363		For Backroll, Add	0.09	
09920-0175			Aluminum And Aluminum Alloy Surface Pretreatment Primer (09920-0164)		
			Note: Alkyd enamel paint		
09920-0176	SF		Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush Work	0.69	
	09MOD-0270		For Electrostatic Painting, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.45	
	09MOD-0277		For > 100 To 250, Add	0.21	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.14	
09920-0177	SF		Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush Work.....	0.76	
	09MOD-0270		For Electrostatic Painting, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.50	
	09MOD-0277		For > 100 To 250, Add	0.24	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282		For > 20000, Deduct	-0.15	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0178	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush Work.....	1.38	
	09MOD-0270 For Electrostatic Painting, Add	0.17	
	09MOD-0276 For Up To 100, Add	0.89	
	09MOD-0277 For > 100 To 250, Add	0.42	
	09MOD-0278 For > 250 To 500, Add	0.18	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.14	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.21	
	09MOD-0282 For > 20000, Deduct	-0.28	
09920-0179	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Primer, Brush/Roller Work.....	0.57	
	09MOD-0270 For Electrostatic Painting, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.34	
	09MOD-0277 For > 100 To 250, Add	0.16	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.11	
09920-0180	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Brush/Roller Work.....	0.64	
	09MOD-0270 For Electrostatic Painting, Add	0.09	
	09MOD-0276 For Up To 100, Add	0.40	
	09MOD-0277 For > 100 To 250, Add	0.19	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282 For > 20000, Deduct	-0.13	
09920-0181	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Brush/Roller Work.....	1.20	
	09MOD-0270 For Electrostatic Painting, Add	0.16	
	09MOD-0276 For Up To 100, Add	0.73	
	09MOD-0277 For > 100 To 250, Add	0.35	
	09MOD-0278 For > 250 To 500, Add	0.15	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.18	
	09MOD-0282 For > 20000, Deduct	-0.24	
09920-0182	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat, Sprayed.....	0.42	
	09MOD-0270 For Electrostatic Painting, Add	0.06	
	09MOD-0276 For Up To 100, Add	0.23	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.05	
09920-0183	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, One Coat Paint, Sprayed.....	0.50	
	09MOD-0270 For Electrostatic Painting, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.29	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.10	
	09MOD-0363 For Backroll, Add	0.06	
09920-0184	SF Paint Interior Aluminum And Aluminum Alloy Ceiling, Two Coats Paint, Sprayed.....	0.78	
	09MOD-0270 For Electrostatic Painting, Add	0.12	
	09MOD-0276 For Up To 100, Add	0.42	
	09MOD-0277 For > 100 To 250, Add	0.20	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282 For > 20000, Deduct	-0.16	
	09MOD-0363 For Backroll, Add	0.09	
09920-0185	Ceiling Tile Grid (09920-0164) Note: Grid only		
09920-0186	LF Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller.....	0.15	
	09MOD-0270 For Electrostatic Painting, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.10	
	09MOD-0277 For > 100 To 250, Add	0.05	
	09MOD-0278 For > 250 To 500, Add	0.02	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.01	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.02	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.02	
	09MOD-0282 For > 20000, Deduct	-0.03	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0187	LF		Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller	0.30	
	09MOD-0270		For Electrostatic Painting, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.20	
	09MOD-0277		For > 100 To 250, Add	0.10	
	09MOD-0278		For > 250 To 500, Add	0.04	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282		For > 20000, Deduct	-0.06	
09920-0188			Corrugated Metal Surfaces (09920-0164)		
09920-0189	SF		Paint Interior Corrugated Metal Ceiling, One Primer, Sprayed	0.57	
	09MOD-0270		For Electrostatic Painting, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.31	
	09MOD-0277		For > 100 To 250, Add	0.15	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.11	
	09MOD-0363		For Backroll, Add	0.07	
09920-0190	SF		Paint Interior Corrugated Metal Ceiling, One Paint, Sprayed.....	0.66	
	09MOD-0270		For Electrostatic Painting, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.38	
	09MOD-0277		For > 100 To 250, Add	0.18	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.10	
	09MOD-0282		For > 20000, Deduct	-0.13	
	09MOD-0363		For Backroll, Add	0.08	
09920-0191	SF		Paint Interior Corrugated Metal Ceiling, Two Coats Paint, Sprayed.....	1.03	
	09MOD-0270		For Electrostatic Painting, Add	0.16	
	09MOD-0276		For Up To 100, Add	0.55	
	09MOD-0277		For > 100 To 250, Add	0.27	
	09MOD-0278		For > 250 To 500, Add	0.12	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282		For > 20000, Deduct	-0.21	
	09MOD-0363		For Backroll, Add	0.12	
09920-0192			Wood (09920-0130)		
09920-0193			Smooth Wood (09920-0192)		
			Note: Includes tongue and groove, beveled, drop or board and batten siding		
09920-0194	SF		Paint Interior Wood Smooth Ceiling, One Coat Primer, Brush Work.....	0.71	
	09MOD-0271		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.46	
	09MOD-0277		For > 100 To 250, Add	0.22	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282		For > 20000, Deduct	-0.14	
09920-0195	SF		Paint Interior Wood Smooth Ceiling, One Coat Paint, Brush Work.....	0.75	
	09MOD-0271		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.50	
	09MOD-0277		For > 100 To 250, Add	0.24	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282		For > 20000, Deduct	-0.15	
09920-0196	SF		Paint Interior Wood Smooth Ceiling, Two Coats Paint, Brush Work	1.35	
	09MOD-0271		For Oil Based Paint, Add	0.08	
	09MOD-0276		For Up To 100, Add	0.89	
	09MOD-0277		For > 100 To 250, Add	0.42	
	09MOD-0278		For > 250 To 500, Add	0.18	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.14	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.20	
	09MOD-0282		For > 20000, Deduct	-0.27	
09920-0197	SF		Paint Interior Wood Smooth Ceiling, One Coat Primer, Brush/Roller Work	0.57	
	09MOD-0271		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.34	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.11	



Finishes 09000	9900
Paints And Coatings	09900
Interior Painting	09920

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0198	SF Paint Interior Wood Smooth Ceiling, One Coat Paint, Brush/Roller Work	0.62	
	09MOD-0271 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.39	
	09MOD-0277 For > 100 To 250, Add	0.19	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
09920-0199	SF Paint Interior Wood Smooth Ceiling, Two Coats Paint, Brush/Roller Work.....	1.17	
	09MOD-0271 For Oil Based Paint, Add	0.07	
	09MOD-0276 For Up To 100, Add	0.73	
	09MOD-0277 For > 100 To 250, Add	0.35	
	09MOD-0278 For > 250 To 500, Add	0.15	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.18	
	09MOD-0282 For > 20000, Deduct	-0.23	
09920-0200	SF Paint Interior Wood Smooth Ceiling, One Coat Primer, Sprayed.....	0.39	
	09MOD-0271 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.23	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.05	
09920-0201	SF Paint Interior Wood Smooth Ceiling, One Coat Paint, Sprayed.....	0.47	
	09MOD-0271 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.29	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	
	09MOD-0363 For Backroll, Add	0.06	
09920-0202	SF Paint Interior Wood Smooth Ceiling, Two Coats Paint, Sprayed	0.71	
	09MOD-0271 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.41	
	09MOD-0277 For > 100 To 250, Add	0.20	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.14	
	09MOD-0363 For Backroll, Add	0.09	
09920-0203	Beams <small>(09920-0130)</small>		
09920-0204	SF Paint Interior Wood Beams, One Coat Primer, Brush Work.....	0.78	
	09MOD-0272 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.51	
	09MOD-0277 For > 100 To 250, Add	0.24	
	09MOD-0278 For > 250 To 500, Add	0.11	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282 For > 20000, Deduct	-0.16	
09920-0205	SF Paint Interior Wood Beams, One Coat Paint, Brush Work.....	0.81	
	09MOD-0272 For Oil Based Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.54	
	09MOD-0277 For > 100 To 250, Add	0.26	
	09MOD-0278 For > 250 To 500, Add	0.11	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282 For > 20000, Deduct	-0.16	
09920-0206	SF Paint Interior Wood Beams, Two Coats Paint, Brush Work	1.48	
	09MOD-0272 For Oil Based Paint, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.98	
	09MOD-0277 For > 100 To 250, Add	0.47	
	09MOD-0278 For > 250 To 500, Add	0.20	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.07	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.15	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.22	
	09MOD-0282 For > 20000, Deduct	-0.30	
09920-0207	SF Paint Interior Wood Beams, One Coat Primer, Brush/Roller Work	0.63	
	09MOD-0272 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.39	
	09MOD-0277 For > 100 To 250, Add	0.19	
	09MOD-0278 For > 250 To 500, Add	0.08	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.13	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0208	SF		Paint Interior Wood Beams, One Coat Paint, Brush/Roller Work.....	0.62	
	09MOD-0272		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0209	SF		Paint Interior Wood Beams, Two Coats Paint, Brush/Roller Work.....	1.17	
	09MOD-0272		For Oil Based Paint, Add	0.07	
	09MOD-0276		For Up To 100, Add	0.73	
	09MOD-0277		For > 100 To 250, Add	0.35	
	09MOD-0278		For > 250 To 500, Add	0.15	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.18	
	09MOD-0282		For > 20000, Deduct	-0.23	
09920-0210	SF		Paint Interior Wood Beams, One Coat Primer, Sprayed.....	0.47	
	09MOD-0272		For Oil Based Paint, Add	0.03	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	
	09MOD-0363		For Backroll, Add	0.06	
09920-0211	SF		Paint Interior Wood Beams, One Coat Paint, Sprayed.....	0.98	
	09MOD-0272		For Oil Based Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.67	
	09MOD-0277		For > 100 To 250, Add	0.32	
	09MOD-0278		For > 250 To 500, Add	0.14	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282		For > 20000, Deduct	-0.20	
	09MOD-0363		For Backroll, Add	0.14	
09920-0212	SF		Paint Interior Wood Beams, Two Coats Paint, Sprayed.....	0.77	
	09MOD-0272		For Oil Based Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.45	
	09MOD-0277		For > 100 To 250, Add	0.22	
	09MOD-0278		For > 250 To 500, Add	0.09	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.12	
	09MOD-0282		For > 20000, Deduct	-0.15	
	09MOD-0363		For Backroll, Add	0.09	
09920-0213	Floors (09920)				
09920-0214	Concrete (09920-0213)				
09920-0215	SF		Paint Interior Concrete Floors And Decks, One Coat Primer, Brush Work.....	0.45	
	09MOD-0273		For Oil Based Paint, Add	0.03	
	09MOD-0274		For Epoxy Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.28	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	
09920-0216	SF		Paint Interior Concrete Floors And Decks, One Coat Paint, Brush Work.....	0.50	
	09MOD-0273		For Oil Based Paint, Add	0.03	
	09MOD-0274		For Epoxy Paint, Add	0.05	
	09MOD-0276		For Up To 100, Add	0.33	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.10	
09920-0217	SF		Paint Interior Concrete Floors And Decks, Two Coats Paint, Brush Work.....	0.97	
	09MOD-0273		For Oil Based Paint, Add	0.06	
	09MOD-0274		For Epoxy Paint, Add	0.09	
	09MOD-0276		For Up To 100, Add	0.64	
	09MOD-0277		For > 100 To 250, Add	0.30	
	09MOD-0278		For > 250 To 500, Add	0.13	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.15	
	09MOD-0282		For > 20000, Deduct	-0.19	



Finishes 09000	9900	99
Paints And Coatings	09900	
Interior Painting	09920	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0218	SF Paint Interior Concrete Floors And Decks, One Coat Primer, Brush/Roller Work.....	0.44	
	09MOD-0273 For Oil Based Paint, Add	0.03	
	09MOD-0274 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.28	
	09MOD-0277 For > 100 To 250, Add	0.13	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0219	SF Paint Interior Concrete Floors And Decks, One Coat Paint, Brush/Roller Work.....	0.43	
	09MOD-0273 For Oil Based Paint, Add	0.03	
	09MOD-0274 For Epoxy Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.28	
	09MOD-0277 For > 100 To 250, Add	0.13	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0220	SF Paint Interior Concrete Floors And Decks, Two Coats Paint, Brush/Roller Work.....	0.70	
	09MOD-0273 For Oil Based Paint, Add	0.04	
	09MOD-0274 For Epoxy Paint, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.44	
	09MOD-0277 For > 100 To 250, Add	0.21	
	09MOD-0278 For > 250 To 500, Add	0.09	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.04	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.07	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.11	
	09MOD-0282 For > 20000, Deduct	-0.14	
09920-0221	SF Paint Interior Concrete Floors And Decks, One Coat Primer, Sprayed.....	0.30	
	09MOD-0273 For Oil Based Paint, Add	0.02	
	09MOD-0274 For Epoxy Paint, Add	0.05	
	09MOD-0276 For Up To 100, Add	0.16	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.03	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.03	
09920-0222	SF Paint Interior Concrete Floors And Decks, One Coat Paint, Sprayed.....	0.30	
	09MOD-0273 For Oil Based Paint, Add	0.02	
	09MOD-0274 For Epoxy Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.17	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.04	
09920-0223	SF Paint Interior Concrete Floors And Decks, Two Coats Paint, Sprayed.....	0.54	
	09MOD-0273 For Oil Based Paint, Add	0.04	
	09MOD-0274 For Epoxy Paint, Add	0.08	
	09MOD-0276 For Up To 100, Add	0.30	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282 For > 20000, Deduct	-0.11	
	09MOD-0363 For Backroll, Add	0.06	
09920-0224	SF Paint Interior Concrete Floors And Decks, One Coat Bonding Agent, Brush.....	0.46	
	09MOD-0276 For Up To 100, Add	0.29	
	09MOD-0277 For > 100 To 250, Add	0.14	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	
09920-0225	SF Paint Interior Concrete Floors And Decks, One Coat Bonding Agent, Brush/Roller Work.....	0.45	
	09MOD-0276 For Up To 100, Add	0.28	
	09MOD-0277 For > 100 To 250, Add	0.13	
	09MOD-0278 For > 250 To 500, Add	0.06	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282 For > 20000, Deduct	-0.09	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0226	SF		Paint Interior Concrete Floors And Decks, One Coat Bonding Agent, Sprayed.....	0.31	
	09MOD-0276		For Up To 100, Add	0.16	
	09MOD-0277		For > 100 To 250, Add	0.08	
	09MOD-0278		For > 250 To 500, Add	0.03	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282		For > 20000, Deduct	-0.06	
	09MOD-0363		For Backroll, Add	0.03	
09920-0227	SF		Paint Interior Concrete Floors And Decks, One Coat Non-Slip Paint, Brush Work.....	1.16	
	09MOD-0276		For Up To 100, Add	0.43	
	09MOD-0277		For > 100 To 250, Add	0.22	
	09MOD-0278		For > 250 To 500, Add	0.10	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.23	
09920-0228	SF		Paint Interior Concrete Floors And Decks, One Coat Non-Slip Epoxy Coating, Brush Work.....	3.17	
	09MOD-0276		For Up To 100, Add	0.73	
	09MOD-0277		For > 100 To 250, Add	0.42	
	09MOD-0278		For > 250 To 500, Add	0.20	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.16	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.32	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.48	
	09MOD-0282		For > 20000, Deduct	-0.63	
09920-0229	Wood	<small>(09920-0213)</small>			
09920-0230	SF		Paint Interior Wood Floors And Decks, One Coat Primer, Brush Work.....	0.55	
	09MOD-0275		For Oil Based Paint, Add	0.03	
	09MOD-0276		For Up To 100, Add	0.34	
	09MOD-0277		For > 100 To 250, Add	0.16	
	09MOD-0278		For > 250 To 500, Add	0.07	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.08	
	09MOD-0282		For > 20000, Deduct	-0.11	
09920-0231	SF		Paint Interior Wood Floors And Decks, One Coat Paint, Brush Work.....	0.61	
	09MOD-0275		For Oil Based Paint, Add	0.04	
	09MOD-0276		For Up To 100, Add	0.39	
	09MOD-0277		For > 100 To 250, Add	0.19	
	09MOD-0278		For > 250 To 500, Add	0.08	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282		For > 20000, Deduct	-0.12	
09920-0232	SF		Paint Interior Wood Floors And Decks, Two Coats Paint, Brush Work.....	1.14	
	09MOD-0275		For Oil Based Paint, Add	0.07	
	09MOD-0276		For Up To 100, Add	0.73	
	09MOD-0277		For > 100 To 250, Add	0.35	
	09MOD-0278		For > 250 To 500, Add	0.15	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.23	
09920-0233	SF		Paint Interior Wood Floors And Decks, One Coat Primer, Brush/Roller Work.....	0.44	
	09MOD-0275		For Oil Based Paint, Add	0.03	
	09MOD-0276		For Up To 100, Add	0.25	
	09MOD-0277		For > 100 To 250, Add	0.12	
	09MOD-0278		For > 250 To 500, Add	0.05	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.09	
09920-0234	SF		Paint Interior Wood Floors And Decks, One Coat Paint, Brush/Roller Work.....	0.48	
	09MOD-0275		For Oil Based Paint, Add	0.03	
	09MOD-0276		For Up To 100, Add	0.29	
	09MOD-0277		For > 100 To 250, Add	0.14	
	09MOD-0278		For > 250 To 500, Add	0.06	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.07	
	09MOD-0282		For > 20000, Deduct	-0.10	
09920-0235	SF		Paint Interior Wood Floors And Decks, Two Coats Paint, Brush/Roller Work.....	0.95	
	09MOD-0275		For Oil Based Paint, Add	0.06	
	09MOD-0276		For Up To 100, Add	0.56	
	09MOD-0277		For > 100 To 250, Add	0.27	
	09MOD-0278		For > 250 To 500, Add	0.12	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.05	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.10	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.14	
	09MOD-0282		For > 20000, Deduct	-0.19	



Finishes 09000	9900
Paints And Coatings	09900
Interior Painting	09920

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0236	SF Paint Interior Wood Floors And Decks, One Coat Primer, Sprayed.....	0.32	
	09MOD-0275 For Oil Based Paint, Add	0.02	
	09MOD-0276 For Up To 100, Add	0.17	
	09MOD-0277 For > 100 To 250, Add	0.08	
	09MOD-0278 For > 250 To 500, Add	0.04	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.03	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.05	
	09MOD-0282 For > 20000, Deduct	-0.06	
	09MOD-0363 For Backroll, Add	0.04	
09920-0237	SF Paint Interior Wood Floors And Decks, One Coat Paint, Sprayed.....	0.39	
	09MOD-0275 For Oil Based Paint, Add	0.03	
	09MOD-0276 For Up To 100, Add	0.23	
	09MOD-0277 For > 100 To 250, Add	0.11	
	09MOD-0278 For > 250 To 500, Add	0.05	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.02	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.06	
	09MOD-0282 For > 20000, Deduct	-0.08	
	09MOD-0363 For Backroll, Add	0.05	
09920-0238	SF Paint Interior Wood Floors And Decks, Two Coats Paint, Sprayed.....	0.58	
	09MOD-0275 For Oil Based Paint, Add	0.04	
	09MOD-0276 For Up To 100, Add	0.31	
	09MOD-0277 For > 100 To 250, Add	0.15	
	09MOD-0278 For > 250 To 500, Add	0.07	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.03	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.06	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0282 For > 20000, Deduct	-0.12	
	09MOD-0363 For Backroll, Add	0.07	
09920-0239	SF Paint Interior Wood Floors And Decks, One Coat Non-Slip Paint, Brush Work.....	1.16	
	09MOD-0276 For Up To 100, Add	0.43	
	09MOD-0277 For > 100 To 250, Add	0.22	
	09MOD-0278 For > 250 To 500, Add	0.10	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.12	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282 For > 20000, Deduct	-0.23	
09920-0240	SF Paint Interior Wood Floors And Decks, One Coat Non-Slip Epoxy Coating, Brush Work.....	3.17	
	09MOD-0276 For Up To 100, Add	0.73	
	09MOD-0277 For > 100 To 250, Add	0.42	
	09MOD-0278 For > 250 To 500, Add	0.20	
	09MOD-0279 For > 2500 To 5000, Deduct	-0.16	
	09MOD-0280 For > 5000 To 10000, Deduct	-0.32	
	09MOD-0281 For > 10000 To 20000, Deduct	-0.48	
	09MOD-0282 For > 20000, Deduct	-0.63	
09920-0241	Doors And Windows (09920)		
09920-0242	Frames (09920-0241)		
09920-0243	LF Paint Interior Wood Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.67	
	09MOD-0286 For Oil Based Paint, Add	0.04	
	09MOD-0287 For Painting One Face Of Frame Only, Deduct	-0.18	
09920-0244	LF Paint Interior Wood Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.88	
	09MOD-0286 For Oil Based Paint, Add	0.05	
	09MOD-0287 For Painting One Face Of Frame Only, Deduct	-0.23	
09920-0245	LF Paint Interior Wood Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.49	
	09MOD-0286 For Oil Based Paint, Add	0.08	
	09MOD-0287 For Painting One Face Of Frame Only, Deduct	-0.39	
09920-0246	LF Paint Interior Metal Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.67	
	09MOD-0286 For Oil Based Paint, Add	0.04	
	09MOD-0287 For Painting One Face Of Frame Only, Deduct	-0.18	
09920-0247	LF Paint Interior Metal Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	0.88	
	09MOD-0286 For Oil Based Paint, Add	0.05	
	09MOD-0287 For Painting One Face Of Frame Only, Deduct	-0.23	
09920-0248	LF Paint Interior Metal Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.47	
	09MOD-0286 For Oil Based Paint, Add	0.08	
	09MOD-0287 For Painting One Face Of Frame Only, Deduct	-0.38	
09920-0249	Steel Doors (09920-0241)		
09920-0250	EA Paint Interior Door, One Face, 1 Coat Primer, Brush/Roller Work.....	28.94	
	09MOD-0283 For Electrostatic Painting, Add	4.14	
	09MOD-0284 For Half Louvered Door, Add	3.09	
	09MOD-0285 For Full Louvered Door, Add	5.16	
	09MOD-0286 For Oil Based Paint, Add	1.86	
	09MOD-0288 For > 5 To 10, Deduct	-1.45	
	09MOD-0289 For > 10 To 25, Deduct	-2.89	
	09MOD-0290 For > 25, Deduct	-4.34	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0251	EA		Paint Interior Door, One Face, 1 Coat Paint, Brush/Roller Work.....	28.94	
	09MOD-0283		For Electrostatic Painting, Add	4.14	
	09MOD-0284		For Half Louvered Door, Add	3.09	
	09MOD-0285		For Full Louvered Door, Add	5.16	
	09MOD-0286		For Oil Based Paint, Add	1.86	
	09MOD-0288		For > 5 To 10, Deduct	-1.45	
	09MOD-0289		For > 10 To 25, Deduct	-2.89	
	09MOD-0290		For > 25, Deduct	-4.34	
09920-0252	EA		Paint Interior Door, One Face, 2 Coats Paint, Brush/Roller Work.....	51.36	
	09MOD-0283		For Electrostatic Painting, Add	7.61	
	09MOD-0284		For Half Louvered Door, Add	5.23	
	09MOD-0285		For Full Louvered Door, Add	8.71	
	09MOD-0286		For Oil Based Paint, Add	3.39	
	09MOD-0288		For > 5 To 10, Deduct	-2.57	
	09MOD-0289		For > 10 To 25, Deduct	-5.14	
	09MOD-0290		For > 25, Deduct	-7.70	
09920-0253	EA		Paint Interior Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	51.92	
	09MOD-0283		For Electrostatic Painting, Add	7.43	
	09MOD-0284		For Half Louvered Door, Add	5.55	
	09MOD-0285		For Full Louvered Door, Add	9.25	
	09MOD-0286		For Oil Based Paint, Add	3.34	
	09MOD-0288		For > 5 To 10, Deduct	-2.60	
	09MOD-0289		For > 10 To 25, Deduct	-5.19	
	09MOD-0290		For > 25, Deduct	-7.79	
09920-0254	EA		Paint Interior Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	51.93	
	09MOD-0283		For Electrostatic Painting, Add	7.43	
	09MOD-0284		For Half Louvered Door, Add	5.55	
	09MOD-0285		For Full Louvered Door, Add	9.25	
	09MOD-0286		For Oil Based Paint, Add	3.34	
	09MOD-0288		For > 5 To 10, Deduct	-2.60	
	09MOD-0289		For > 10 To 25, Deduct	-5.19	
	09MOD-0290		For > 25, Deduct	-7.79	
09920-0255	EA		Paint Interior Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	92.45	
	09MOD-0283		For Electrostatic Painting, Add	13.72	
	09MOD-0284		For Half Louvered Door, Add	9.39	
	09MOD-0285		For Full Louvered Door, Add	15.65	
	09MOD-0286		For Oil Based Paint, Add	6.12	
	09MOD-0288		For > 5 To 10, Deduct	-4.62	
	09MOD-0289		For > 10 To 25, Deduct	-9.25	
	09MOD-0290		For > 25, Deduct	-13.87	
09920-0256	EA		Paint Interior Door, One Face, 1 Coat Primer, Spray.....	21.52	
	09MOD-0283		For Electrostatic Painting, Add	3.52	
	09MOD-0284		For Half Louvered Door, Add	1.86	
	09MOD-0285		For Full Louvered Door, Add	3.10	
	09MOD-0286		For Oil Based Paint, Add	1.53	
	09MOD-0288		For > 5 To 10, Deduct	-1.08	
	09MOD-0289		For > 10 To 25, Deduct	-2.15	
	09MOD-0290		For > 25, Deduct	-3.23	
	09MOD-0363		For Backroll, Add	2.31	
09920-0257	EA		Paint Interior Door, One Face, 1 Coat Paint, Spray.....	21.52	
	09MOD-0283		For Electrostatic Painting, Add	3.52	
	09MOD-0284		For Half Louvered Door, Add	1.86	
	09MOD-0285		For Full Louvered Door, Add	3.10	
	09MOD-0286		For Oil Based Paint, Add	1.53	
	09MOD-0288		For > 5 To 10, Deduct	-1.08	
	09MOD-0289		For > 10 To 25, Deduct	-2.15	
	09MOD-0290		For > 25, Deduct	-3.23	
	09MOD-0363		For Backroll, Add	2.31	
09920-0258	EA		Paint Interior Door, One Face, 2 Coats Paint, Spray.....	39.07	
	09MOD-0283		For Electrostatic Painting, Add	6.63	
	09MOD-0284		For Half Louvered Door, Add	3.14	
	09MOD-0285		For Full Louvered Door, Add	5.23	
	09MOD-0286		For Oil Based Paint, Add	2.86	
	09MOD-0288		For > 5 To 10, Deduct	-1.95	
	09MOD-0289		For > 10 To 25, Deduct	-3.91	
	09MOD-0290		For > 25, Deduct	-5.86	
	09MOD-0363		For Backroll, Add	4.04	
09920-0259	EA		Paint Interior Door, Both Faces, 1 Coat Primer, Spray.....	38.63	
	09MOD-0283		For Electrostatic Painting, Add	6.33	
	09MOD-0284		For Half Louvered Door, Add	3.33	
	09MOD-0285		For Full Louvered Door, Add	5.55	
	09MOD-0286		For Oil Based Paint, Add	2.75	
	09MOD-0288		For > 5 To 10, Deduct	-1.93	
	09MOD-0289		For > 10 To 25, Deduct	-3.86	
	09MOD-0290		For > 25, Deduct	-5.79	
	09MOD-0363		For Backroll, Add	4.15	
09920-0260	EA		Paint Interior Door, Both Faces, 1 Coat Paint, Spray.....	38.63	
	09MOD-0283		For Electrostatic Painting, Add	6.33	
	09MOD-0284		For Half Louvered Door, Add	3.33	
	09MOD-0285		For Full Louvered Door, Add	5.55	
	09MOD-0286		For Oil Based Paint, Add	2.75	
	09MOD-0288		For > 5 To 10, Deduct	-1.93	
	09MOD-0289		For > 10 To 25, Deduct	-3.86	
	09MOD-0290		For > 25, Deduct	-5.79	
	09MOD-0363		For Backroll, Add	4.15	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0261	EA Paint Interior Door, Both Faces, 2 Coats Paint, Spray.....	70.41	
	09MOD-0283 For Electrostatic Painting, Add	11.97	
	09MOD-0284 For Half Louvered Door, Add	5.63	
	09MOD-0285 For Full Louvered Door, Add	9.39	
	09MOD-0286 For Oil Based Paint, Add	5.16	
	09MOD-0288 For > 5 To 10, Deduct	-3.52	
	09MOD-0289 For > 10 To 25, Deduct	-7.04	
	09MOD-0290 For > 25, Deduct	-10.56	
	09MOD-0363 For Backroll, Add	7.28	
09920-0262	Wood Doors <small>(09920-0241)</small>		
09920-0263	EA Paint Interior Door, One Face, 1 Coat Primer, Brush/Roller Work.....	28.94	
	09MOD-0286 For Oil Based Paint, Add	1.86	
	09MOD-0291 For Half Louvered Door, Add	3.09	
	09MOD-0292 For Full Louvered Door, Add	5.16	
	09MOD-0293 For > 5 To 10, Deduct	-1.45	
	09MOD-0294 For > 10 To 25, Deduct	-2.89	
	09MOD-0295 For > 25, Deduct	-4.34	
09920-0264	EA Paint Interior Door, One Face, 1 Coat Paint, Brush/Roller Work	28.94	
	09MOD-0286 For Oil Based Paint, Add	1.86	
	09MOD-0291 For Half Louvered Door, Add	3.09	
	09MOD-0292 For Full Louvered Door, Add	5.16	
	09MOD-0293 For > 5 To 10, Deduct	-1.45	
	09MOD-0294 For > 10 To 25, Deduct	-2.89	
	09MOD-0295 For > 25, Deduct	-4.34	
09920-0265	EA Paint Interior Door, One Face, 2 Coats Paint, Brush/Roller Work.....	51.36	
	09MOD-0286 For Oil Based Paint, Add	3.39	
	09MOD-0291 For Half Louvered Door, Add	5.23	
	09MOD-0292 For Full Louvered Door, Add	8.71	
	09MOD-0293 For > 5 To 10, Deduct	-2.57	
	09MOD-0294 For > 10 To 25, Deduct	-5.14	
	09MOD-0295 For > 25, Deduct	-7.70	
09920-0266	EA Paint Interior Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	51.93	
	09MOD-0286 For Oil Based Paint, Add	3.34	
	09MOD-0291 For Half Louvered Door, Add	5.55	
	09MOD-0292 For Full Louvered Door, Add	9.25	
	09MOD-0293 For > 5 To 10, Deduct	-2.60	
	09MOD-0294 For > 10 To 25, Deduct	-5.19	
	09MOD-0295 For > 25, Deduct	-7.79	
09920-0267	EA Paint Interior Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	51.93	
	09MOD-0286 For Oil Based Paint, Add	3.34	
	09MOD-0291 For Half Louvered Door, Add	5.55	
	09MOD-0292 For Full Louvered Door, Add	9.25	
	09MOD-0293 For > 5 To 10, Deduct	-2.60	
	09MOD-0294 For > 10 To 25, Deduct	-5.19	
	09MOD-0295 For > 25, Deduct	-7.79	
09920-0268	EA Paint Interior Door, Both Faces, 2 Coats Paint, Brush/Roller Work	92.45	
	09MOD-0286 For Oil Based Paint, Add	6.12	
	09MOD-0291 For Half Louvered Door, Add	9.39	
	09MOD-0292 For Full Louvered Door, Add	15.65	
	09MOD-0293 For > 5 To 10, Deduct	-4.62	
	09MOD-0294 For > 10 To 25, Deduct	-9.25	
	09MOD-0295 For > 25, Deduct	-13.87	
09920-0269	EA Paint Interior Door, One Face, 1 Coat Primer, Spray.....	21.52	
	09MOD-0286 For Oil Based Paint, Add	1.53	
	09MOD-0291 For Half Louvered Door, Add	1.86	
	09MOD-0292 For Full Louvered Door, Add	3.10	
	09MOD-0293 For > 5 To 10, Deduct	-1.08	
	09MOD-0294 For > 10 To 25, Deduct	-2.15	
	09MOD-0295 For > 25, Deduct	-3.23	
	09MOD-0363 For Backroll, Add	2.31	
09920-0270	EA Paint Interior Door, One Face, 1 Coat Paint, Spray.....	21.52	
	09MOD-0286 For Oil Based Paint, Add	1.53	
	09MOD-0291 For Half Louvered Door, Add	1.86	
	09MOD-0292 For Full Louvered Door, Add	3.10	
	09MOD-0293 For > 5 To 10, Deduct	-1.08	
	09MOD-0294 For > 10 To 25, Deduct	-2.15	
	09MOD-0295 For > 25, Deduct	-3.23	
	09MOD-0363 For Backroll, Add	2.31	
09920-0271	EA Paint Interior Door, One Face, 2 Coats Paint, Spray	39.08	
	09MOD-0286 For Oil Based Paint, Add	2.86	
	09MOD-0291 For Half Louvered Door, Add	3.14	
	09MOD-0292 For Full Louvered Door, Add	5.23	
	09MOD-0293 For > 5 To 10, Deduct	-1.95	
	09MOD-0294 For > 10 To 25, Deduct	-3.91	
	09MOD-0295 For > 25, Deduct	-5.86	
	09MOD-0363 For Backroll, Add	4.05	
09920-0272	EA Paint Interior Door, Both Faces, 1 Coat Primer, Spray	38.63	
	09MOD-0286 For Oil Based Paint, Add	2.75	
	09MOD-0291 For Half Louvered Door, Add	3.33	
	09MOD-0292 For Full Louvered Door, Add	5.55	
	09MOD-0293 For > 5 To 10, Deduct	-1.93	
	09MOD-0294 For > 10 To 25, Deduct	-3.86	
	09MOD-0295 For > 25, Deduct	-5.79	
	09MOD-0363 For Backroll, Add	4.15	

09000 Finishes
09900 Paints And Coatings
09920 Interior Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0273	EA		Paint Interior Door, Both Faces, 1 Coat Paint, Spray.....	38.63	
	09MOD-0286		For Oil Based Paint, Add	2.75	
	09MOD-0291		For Half Louvered Door, Add	3.33	
	09MOD-0292		For Full Louvered Door, Add	5.55	
	09MOD-0293		For > 5 To 10, Deduct	-1.93	
	09MOD-0294		For > 10 To 25, Deduct	-3.86	
	09MOD-0295		For > 25, Deduct	-5.79	
	09MOD-0363		For Backroll, Add	4.15	
09920-0274	EA		Paint Interior Door, Both Faces, 2 Coats Paint, Spray.....	70.41	
	09MOD-0286		For Oil Based Paint, Add	5.16	
	09MOD-0291		For Half Louvered Door, Add	5.63	
	09MOD-0292		For Full Louvered Door, Add	9.39	
	09MOD-0293		For > 5 To 10, Deduct	-3.52	
	09MOD-0294		For > 10 To 25, Deduct	-7.04	
	09MOD-0295		For > 25, Deduct	-10.56	
	09MOD-0363		For Backroll, Add	7.28	
09920-0275			Steel Windows (09920-0241)		
			Note: Two finish coats paint over rust inhibitive primer		
09920-0276	EA		Paint Interior Windows Including Trim, Window Size Up To 8 SF.....	51.78	
	09MOD-0286		For Oil Based Paint, Add	2.87	
	09MOD-0296		For Electrostatic Painting, Add	6.01	
	09MOD-0297		For > 5 To 10, Deduct	-2.59	
	09MOD-0298		For > 10 To 25, Deduct	-5.18	
	09MOD-0299		For > 25, Deduct	-7.77	
09920-0277	EA		Paint Interior Windows Including Trim, Window Size 9 SF To 14 SF.....	61.89	
	09MOD-0286		For Oil Based Paint, Add	3.52	
	09MOD-0296		For Electrostatic Painting, Add	7.47	
	09MOD-0297		For > 5 To 10, Deduct	-3.09	
	09MOD-0298		For > 10 To 25, Deduct	-6.19	
	09MOD-0299		For > 25, Deduct	-9.28	
09920-0278	EA		Paint Interior Windows Including Trim, Window Size 15 SF To 20 SF.....	83.27	
	09MOD-0286		For Oil Based Paint, Add	4.77	
	09MOD-0296		For Electrostatic Painting, Add	10.14	
	09MOD-0297		For > 5 To 10, Deduct	-4.16	
	09MOD-0298		For > 10 To 25, Deduct	-8.33	
	09MOD-0299		For > 25, Deduct	-12.49	
09920-0279	EA		Paint Interior Windows Including Trim, Window Size 21 SF To 26 SF.....	93.75	
	09MOD-0286		For Oil Based Paint, Add	5.37	
	09MOD-0296		For Electrostatic Painting, Add	11.43	
	09MOD-0297		For > 5 To 10, Deduct	-4.69	
	09MOD-0298		For > 10 To 25, Deduct	-9.38	
	09MOD-0299		For > 25, Deduct	-14.06	
09920-0280	EA		Paint Interior Windows Including Trim, Window Size 27 SF To 34 SF.....	104.01	
	09MOD-0286		For Oil Based Paint, Add	5.95	
	09MOD-0296		For Electrostatic Painting, Add	12.66	
	09MOD-0297		For > 5 To 10, Deduct	-5.20	
	09MOD-0298		For > 10 To 25, Deduct	-10.40	
	09MOD-0299		For > 25, Deduct	-15.60	
09920-0281	SF		Paint Interior Windows Including Trim, Window Size Over 34 SF.....	3.30	
	09MOD-0286		For Oil Based Paint, Add	0.19	
	09MOD-0296		For Electrostatic Painting, Add	0.40	
09920-0282			Wood Windows (09920-0241)		
			Note: Two finish coats paint over primer		
09920-0283	EA		Paint Interior Windows Including Trim, Window Size Up To 8 SF.....	51.78	
	09MOD-0286		For Oil Based Paint, Add	2.87	
	09MOD-0300		For > 5 To 10, Deduct	-2.59	
	09MOD-0301		For > 10 To 25, Deduct	-5.18	
	09MOD-0302		For > 25, Deduct	-7.77	
09920-0284	EA		Paint Interior Windows Including Trim, Window Size 9 SF To 14 SF.....	61.89	
	09MOD-0286		For Oil Based Paint, Add	3.52	
	09MOD-0300		For > 5 To 10, Deduct	-3.09	
	09MOD-0301		For > 10 To 25, Deduct	-6.19	
	09MOD-0302		For > 25, Deduct	-9.28	
09920-0285	EA		Paint Interior Windows Including Trim, Window Size 15 SF To 20 SF.....	83.27	
	09MOD-0286		For Oil Based Paint, Add	4.77	
	09MOD-0300		For > 5 To 10, Deduct	-4.16	
	09MOD-0301		For > 10 To 25, Deduct	-8.33	
	09MOD-0302		For > 25, Deduct	-12.49	
09920-0286	EA		Paint Interior Windows Including Trim, Window Size 21 SF To 26 SF.....	93.75	
	09MOD-0286		For Oil Based Paint, Add	5.37	
	09MOD-0300		For > 5 To 10, Deduct	-4.69	
	09MOD-0301		For > 10 To 25, Deduct	-9.38	
	09MOD-0302		For > 25, Deduct	-14.06	
09920-0287	EA		Paint Interior Windows Including Trim, Window Size 27 SF To 34 SF.....	104.01	
	09MOD-0286		For Oil Based Paint, Add	5.95	
	09MOD-0300		For > 5 To 10, Deduct	-5.20	
	09MOD-0301		For > 10 To 25, Deduct	-10.40	
	09MOD-0302		For > 25, Deduct	-15.60	
09920-0288	SF		Paint Interior Windows Including Trim, Window Size Over 34 SF.....	3.48	
	09MOD-0286		For Oil Based Paint, Add	0.20	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0289	Security Screens <small>(09920-0241)</small>		
09920-0290	SF Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work.....	0.90	
	09MOD-0286 For Oil Based Paint, Add	0.05	
	09MOD-0303 For Electrostatic Painting, Add	0.11	
09920-0291	SF Paint Interior Security Screen, 1 Coat Paint, Brush/Roller Work.....	0.96	
	09MOD-0286 For Oil Based Paint, Add	0.05	
	09MOD-0303 For Electrostatic Painting, Add	0.11	
09920-0292	SF Paint Interior Security Screen, 2 Coats Paint, Brush/Roller Work.....	1.58	
	09MOD-0286 For Oil Based Paint, Add	0.09	
	09MOD-0303 For Electrostatic Painting, Add	0.18	
09920-0293	Window Guards <small>(09920-0241)</small>		
09920-0294	SF Paint Interior Window Guards, 1 Coat Primer, Brush/Roller Work.....	0.90	
	09MOD-0286 For Oil Based Paint, Add	0.05	
09920-0295	SF Paint Interior Window Guards, 1 Coat Paint, Brush/Roller Work.....	0.96	
	09MOD-0286 For Oil Based Paint, Add	0.05	
09920-0296	SF Paint Interior Window Guards, 2 Coats Paint, Brush/Roller Work.....	1.58	
	09MOD-0286 For Oil Based Paint, Add	0.09	
09920-0297	Window Trim <small>(09920-0241)</small>		
09920-0298	LF Paint Interior Window Frame, 1 Coat Primer, Brush/Roller Work.....	0.92	
	09MOD-0286 For Oil Based Paint, Add	0.05	
09920-0299	LF Paint Interior Window Frame, 1 Coat Paint, Brush/Roller Work.....	0.92	
	09MOD-0286 For Oil Based Paint, Add	0.05	
09920-0300	LF Paint Interior Window Frame, 2 Coats Paint, Brush/Roller Work.....	1.08	
	09MOD-0286 For Oil Based Paint, Add	0.07	
09920-0301	LF Paint Interior Metal Window Frame, 1 Coat Primer.....	0.94	
	Note: Brush/roller work		
09920-0302	LF Paint Interior Metal Window Frame, 1 Coat Paint.....	0.94	
	Note: Brush/roller work		
09920-0303	LF Paint Interior Metal Window Frame, 2 Coats Paint.....	1.13	
	Note: Brush/roller work		
09920-0304	Cabinets And Casework <small>(09920)</small>		
09920-0305	Wood <small>(09920-0304)</small>		
09920-0306	SF Paint Interior Cabinets And Casework, One Coat Paint.....	0.75	
	09MOD-0304 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0305 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0306 For > 20000, Deduct	-0.11	
09920-0307	SF Paint Interior Cabinets And Casework, One Coat Prime, One Coat Paint, Enamel Primer, Alkyd Or Latex Paint.....	1.04	
	09MOD-0304 For > 5000 To 10000, Deduct	-0.05	
	09MOD-0305 For > 10000 To 20000, Deduct	-0.10	
	09MOD-0306 For > 20000, Deduct	-0.16	
09920-0308	SF Paint Interior Cabinets And Casework, One Coat Prime, Two Coats Paint, Enamel Primer, Alkyd Or Latex Paint.....	1.66	
	09MOD-0304 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0305 For > 10000 To 20000, Deduct	-0.17	
	09MOD-0306 For > 20000, Deduct	-0.25	
09920-0309	Lockers <small>(09920-0304)</small>		
09920-0310	SF Paint Exposed Metal Locker One Coat Primer.....	0.83	
	09MOD-0304 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0305 For > 10000 To 20000, Deduct	-0.08	
	09MOD-0306 For > 20000, Deduct	-0.12	
09920-0311	SF Paint Exposed Metal Locker One Coat Alkyd Enamel.....	0.88	
	09MOD-0304 For > 5000 To 10000, Deduct	-0.04	
	09MOD-0305 For > 10000 To 20000, Deduct	-0.09	
	09MOD-0306 For > 20000, Deduct	-0.13	
09920-0312	SF Paint Exposed Metal Locker Two Coats Alkyd Enamel.....	1.61	
	09MOD-0304 For > 5000 To 10000, Deduct	-0.08	
	09MOD-0305 For > 10000 To 20000, Deduct	-0.16	
	09MOD-0306 For > 20000, Deduct	-0.24	
09920-0313	Stairs <small>(09920)</small>		
09920-0314	Concrete <small>(09920-0313)</small>		
09920-0315	RSR Paint Interior Concrete Stair (To 4' Wide) One Coat Primer.....	12.36	
09920-0316	RSR Paint Interior Concrete Stair (To 4' Wide) One Coat Alkyd Enamel.....	12.36	
09920-0317	RSR Paint Interior Concrete Stair (To 4' Wide) One Coat Non-Slip Paint.....	15.14	
09920-0318	RSR Paint Interior Concrete Stair (To 4' Wide) One Coat Non-Slip Epoxy Coating.....	23.15	
09920-0319	RSR Paint Interior Concrete Stair (To 4' Wide) Two Coats Alkyd Enamel.....	24.71	
09920-0320	Metal <small>(09920-0313)</small>		
09920-0321	RSR Paint Interior Metal Stair (To 4' Wide) One Coat Primer.....	6.59	
09920-0322	RSR Paint Interior Metal Stair (To 4' Wide) One Coat Alkyd Enamel.....	6.33	
09920-0323	RSR Paint Interior Metal Stair (To 4' Wide) Two Coats Alkyd Enamel.....	12.66	

09000 Finishes

09900 Paints And Coatings

09920 Interior Painting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09920-0324		Wood <small>(09920-0313)</small>		
09920-0325	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Primer.....	6.33	
09920-0326	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Alkyd Enamel.....	6.33	
09920-0327	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Non-Slip Paint.....	9.11	
09920-0328	RSR	Paint Interior Wood Stair (To 4' Wide) One Coat Non-Slip Epoxy Coating.....	17.12	
09920-0329	RSR	Paint Interior Wood Stair (To 4' Wide) Two Coats Alkyd Enamel.....	12.66	
09920-0330		Stair Nosing <small>(09920-0313)</small>		
09920-0331	LF	Paint Yellow Stair Safety Strip, Up To 2", Non-Slip.....	0.93	
09920-0332		Trim <small>(09920)</small>		
09920-0333		Metal <small>(09920-0332)</small>		
09920-0334	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work.....	0.86	
09920-0335	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work.....	0.86	
09920-0336	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work.....	1.55	
09920-0337	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush/Roller Work.....	0.86	
09920-0338	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush/Roller Work.....	0.86	
09920-0339	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush/Roller Work.....	1.55	
09920-0340		Wood <small>(09920-0332)</small>		
09920-0341	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Primer.....	0.47	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.03	
09920-0342	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Paint.....	0.52	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.03	
09920-0343	LF	Paint Interior Wood Trim To 6" Wide, 2 Coats Paint.....	1.08	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.06	
09920-0344	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush Work.....	1.43	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.08	
09920-0345	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush Work.....	1.58	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.09	
09920-0346	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush Work.....	3.38	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.19	
09920-0347	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush/Roller Work.....	1.43	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.08	
09920-0348	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush/Roller Work.....	1.58	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.09	
09920-0349	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush/Roller Work.....	3.38	
		<i>09MOD-0307 For Oil Based Paint, Add</i>	0.19	
09925		Specialty Painting <small>(09900)</small>		
09925-0001		Anti-Graffiti Painting <small>(09925)</small>		
09925-0002	SF	Anti-Graffiti Coating System, One Coat, Concrete Surface.....	1.17	
		<i>09MOD-0308 For Up To 100, Add</i>	0.56	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.28	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.12	
09925-0003	SF	Anti-Graffiti Coating System, One Coat, Brick Or Block.....	1.20	
		<i>09MOD-0308 For Up To 100, Add</i>	0.56	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.28	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.12	
09925-0004	SF	Anti-Graffiti Coating System, One Coat, Tile.....	0.98	
		<i>09MOD-0308 For Up To 100, Add</i>	0.53	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.26	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.11	
09925-0005	SF	Anti-Graffiti Coating System, One Coat, Metal Or Steel.....	0.95	
		<i>09MOD-0308 For Up To 100, Add</i>	0.53	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.26	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.11	
09925-0006	SF	Anti-Graffiti Coating System, One Coat, Wood.....	1.17	
		<i>09MOD-0308 For Up To 100, Add</i>	0.56	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.28	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.12	
09925-0007	SF	Anti-Graffiti Coating System, One Coat, Painted Surface.....	1.05	
		<i>09MOD-0308 For Up To 100, Add</i>	0.54	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.27	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.12	
09925-0008	SF	Anti-Graffiti Coating System, Two Coats, Concrete Surface.....	2.23	
		<i>09MOD-0308 For Up To 100, Add</i>	1.02	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.51	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.23	
09925-0009	SF	Anti-Graffiti Coating System, Two Coats, Brick Or Block.....	2.30	
		<i>09MOD-0308 For Up To 100, Add</i>	1.03	
		<i>09MOD-0309 For > 100 To 250, Add</i>	0.52	
		<i>09MOD-0310 For > 250 To 500, Add</i>	0.23	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09925-0010 SF Anti-Graffiti Coating System, Two Coats, Tile.....	1.86	
09MOD-0308 For Up To 100, Add	0.96	
09MOD-0309 For > 100 To 250, Add	0.47	
09MOD-0310 For > 250 To 500, Add	0.21	
09925-0011 SF Anti-Graffiti Coating System, Two Coats, Metal Or Steel.....	1.80	
09MOD-0308 For Up To 100, Add	0.95	
09MOD-0309 For > 100 To 250, Add	0.47	
09MOD-0310 For > 250 To 500, Add	0.20	
09925-0012 SF Anti-Graffiti Coating System, Two Coats, Wood.....	2.20	
09MOD-0308 For Up To 100, Add	1.01	
09MOD-0309 For > 100 To 250, Add	0.51	
09MOD-0310 For > 250 To 500, Add	0.22	
09925-0013 SF Anti-Graffiti Coating System, Two Coats, Painted Surface.....	1.98	
09MOD-0308 For Up To 100, Add	0.98	
09MOD-0309 For > 100 To 250, Add	0.48	
09MOD-0310 For > 250 To 500, Add	0.21	
09925-0014 Paint Additives (09925)		
09925-0015 SF Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.02	
09925-0016 Hand Painting Letters/Numbers (09925)		
Note: Painting on walls, floors, poles, signs, etc.		
09925-0017 EA Up To 1" High, Hand Paint, Per Letter/Number.....	1.44	
09925-0018 EA 1" To 2" High, Hand Paint, Per Letter/Number.....	1.68	
09925-0019 EA 2" To 3" High, Hand Paint, Per Letter/Number.....	2.55	
09925-0020 EA 3" To 4" High, Hand Paint, Per Letter/Number.....	3.11	
09925-0021 EA 4" To 6" High, Hand Paint, Per Letter/Number.....	4.31	
09925-0022 EA 6" To 12" High, Hand Paint, Per Letter/Number.....	5.45	
09925-0023 EA Over 12" High, Hand Paint, Per Letter/Number.....	6.38	
09925-0024 Glove/Mitt Application (09925)		
09925-0025 Conduit/Pipe (09925-0024)		
09925-0026 CSF Acid Wash (Muriatic Acid) With Glove/Mitt, Conduit Or Pipe.....	27.28	
09925-0027 CSF Metal Primer With Glove/Mitt, Conduit Or Pipe.....	44.11	
09925-0028 CSF Enamel, Oil Base Paint, First Coat With Glove/Mitt, Conduit Or Pipe.....	34.58	
09925-0029 CSF Enamel, Oil Base Paint, Second Coat With Glove/Mitt, Conduit Or Pipe.....	28.18	
09925-0030 CSF Epoxy Coating, First Coat With Glove/Mitt, Conduit Or Pipe.....	52.81	
09925-0031 CSF Epoxy Coating, Second Coat With Glove/Mitt, Conduit Or Pipe.....	48.60	
09925-0032 Ductwork (09925-0024)		
09925-0033 CSF Acid Wash (Muriatic Acid) With Glove/Mitt, Duct.....	27.28	
09925-0034 CSF Metal Primer With Glove/Mitt, Duct.....	36.41	
09925-0035 CSF Enamel, Oil Base Paint With Glove/Mitt, Duct.....	31.43	
09925-0036 CSF Epoxy Coating, First Coat With Glove/Mitt, Duct.....	50.85	
09925-0037 CSF Epoxy Coating, Second Coat With Glove/Mitt, Duct.....	44.16	
09925-0038 Elastomeric (09925)		
09925-0039 SF Paint, Brush, Elastomeric, Per Coat.....	1.51	
09MOD-0250 For Work > 20', Add	0.24	
Note: Applied only to work area above 20'.		
09MOD-0276 For Up To 100, Add	0.80	
09MOD-0277 For > 100 To 250, Add	0.39	
09MOD-0278 For > 250 To 500, Add	0.17	
09MOD-0279 For > 2500 To 5000, Deduct	-0.08	
09MOD-0280 For > 5000 To 10000, Deduct	-0.15	
09MOD-0281 For > 10000 To 20000, Deduct	-0.23	
09MOD-0282 For > 20000, Deduct	-0.30	
09925-0040 SF Paint, Roller, Elastomeric, Per Coat.....	1.22	
09MOD-0250 For Work > 20', Add	0.17	
Note: Applied only to work area above 20'.		
09MOD-0276 For Up To 100, Add	0.59	
09MOD-0277 For > 100 To 250, Add	0.29	
09MOD-0278 For > 250 To 500, Add	0.13	
09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
09MOD-0280 For > 5000 To 10000, Deduct	-0.12	
09MOD-0281 For > 10000 To 20000, Deduct	-0.18	
09MOD-0282 For > 20000, Deduct	-0.24	
09925-0041 SF Paint, Conventional Spray, Elastomeric, Per Coat.....	1.27	
09MOD-0250 For Work > 20', Add	0.16	
Note: Applied only to work area above 20'.		
09MOD-0276 For Up To 100, Add	0.57	
09MOD-0277 For > 100 To 250, Add	0.28	
09MOD-0278 For > 250 To 500, Add	0.13	
09MOD-0279 For > 2500 To 5000, Deduct	-0.06	
09MOD-0280 For > 5000 To 10000, Deduct	-0.13	
09MOD-0281 For > 10000 To 20000, Deduct	-0.19	
09MOD-0282 For > 20000, Deduct	-0.25	

09000 Finishes
09900 Paints And Coatings
09925 Specialty Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09925-0042	SF		Paint, Airless Spray, Elastomeric, Per Coat.....	1.14	
	09MOD-0250		For Work > 20', Add	0.13	
			Note: Applied only to work area above 20'.		
	09MOD-0276		For Up To 100, Add	0.47	
	09MOD-0277		For > 100 To 250, Add	0.24	
	09MOD-0278		For > 250 To 500, Add	0.11	
	09MOD-0279		For > 2500 To 5000, Deduct	-0.06	
	09MOD-0280		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0281		For > 10000 To 20000, Deduct	-0.17	
	09MOD-0282		For > 20000, Deduct	-0.23	
09930 Stains And Transparent Finishes (09900)					
Note: Includes light sanding or screening between coats.					
09930-0001 Transparent Finishes (09930)					
09930-0002 Wood Trim Finishes (09930-0001)					
09930-0003	SF		One Coat Sealer And One Coat Varnish Or Polyurethane Wood Trim.....	0.91	
	09MOD-0311		For Up To 100, Add	0.56	
	09MOD-0312		For > 100 To 250, Add	0.27	
	09MOD-0313		For > 250 To 500, Add	0.12	
	09MOD-0314		For > 4000, Deduct	-0.05	
09930-0004	SF		One Coat Varnish Or Polyurethane Wood Trim.....	0.59	
	09MOD-0311		For Up To 100, Add	0.39	
	09MOD-0312		For > 100 To 250, Add	0.18	
	09MOD-0313		For > 250 To 500, Add	0.08	
	09MOD-0314		For > 4000, Deduct	-0.03	
09930-0005 Concrete Finishes (09930-0001)					
09930-0006	SF		One Coat Polyurethane Concrete Floor Finish.....	0.57	
	09MOD-0311		For Up To 100, Add	0.31	
	09MOD-0312		For > 100 To 250, Add	0.15	
	09MOD-0313		For > 250 To 500, Add	0.07	
	09MOD-0314		For > 4000, Deduct	-0.03	
09930-0007 Stain/Varnish Or Polyurethane (09930)					
09930-0008 Wood Floor Finishes (09930-0007)					
09930-0009	SF		Stain Or Varnish Wood Floor With Brush.....	0.36	
	09MOD-0311		For Up To 100, Add	0.20	
	09MOD-0312		For > 100 To 250, Add	0.10	
	09MOD-0313		For > 250 To 500, Add	0.04	
	09MOD-0314		For > 4000, Deduct	-0.02	
09930-0010	SF		Stain Or Varnish Wood Floor With Brush Or Roller.....	0.29	
	09MOD-0311		For Up To 100, Add	0.15	
	09MOD-0312		For > 100 To 250, Add	0.07	
	09MOD-0313		For > 250 To 500, Add	0.03	
	09MOD-0314		For > 4000, Deduct	-0.01	
09930-0011	SF		Refinish Wood Floor With Two Coats Polyurethane.....	1.89	
			Note: Includes sanding existing floor.		
	09MOD-0311		For Up To 100, Add	1.29	
	09MOD-0312		For > 100 To 250, Add	0.61	
	09MOD-0313		For > 250 To 500, Add	0.26	
	09MOD-0314		For > 4000, Deduct	-0.09	
09930-0012	SF		One Coat Polyurethane Wood Floor With Wool Applicator Or Brush.....	0.47	
			Note: Includes screening between coats.		
	09MOD-0311		For Up To 100, Add	0.29	
	09MOD-0312		For > 100 To 250, Add	0.14	
	09MOD-0313		For > 250 To 500, Add	0.06	
	09MOD-0314		For > 4000, Deduct	-0.02	
09930-0013	SF		Refinish Wood Floor With One Coat Sealer And Two Coats Polyurethane.....	2.14	
			Note: Includes sanding existing floor.		
	09MOD-0311		For Up To 100, Add	1.46	
	09MOD-0312		For > 100 To 250, Add	0.69	
	09MOD-0313		For > 250 To 500, Add	0.30	
	09MOD-0314		For > 4000, Deduct	-0.11	
09930-0014 Stain Wood Trim (09930-0007)					
09930-0015	LF		One Coat Stain Up To 6" Wide With Brush And Wipe Off Wood Trim.....	0.71	
	09MOD-0311		For Up To 100, Add	0.49	
	09MOD-0312		For > 100 To 250, Add	0.23	
	09MOD-0313		For > 250 To 500, Add	0.10	
	09MOD-0314		For > 4000, Deduct	-0.04	
09930-0016	SF		One Coat Stain With Brush And Wipe Off Wood Trim.....	1.07	
	09MOD-0311		For Up To 100, Add	0.73	
	09MOD-0312		For > 100 To 250, Add	0.34	
	09MOD-0313		For > 250 To 500, Add	0.15	
	09MOD-0314		For > 4000, Deduct	-0.05	



Finishes 09000	9
Paints And Coatings 09900	
Stains And Transparent Finishes 09930	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09930-0017 Wood Door And Window Finishes (09930-0007)		
See CSI section 08210-0202 for factory finish.		
09930-0018 EA One Coat Stain With Brush And Wipe Off Wood Door (Per Face).....	33.50	
09MOD-0341 For Up To 4, Add	24.09	
09MOD-0342 For > 4 To 10, Add	11.29	
09MOD-0343 For > 10 To 20, Add	4.85	
09MOD-0344 For > 160, Deduct	-1.68	
09930-0019 EA One Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	24.32	
09MOD-0341 For Up To 4, Add	16.71	
09MOD-0342 For > 4 To 10, Add	7.87	
09MOD-0343 For > 10 To 20, Add	3.39	
09MOD-0344 For > 160, Deduct	-1.22	
09930-0020 EA One Coat Shellac, Varnish Or Polyurethane Wood Door (Per Face).....	24.37	
09MOD-0341 For Up To 4, Add	17.38	
09MOD-0342 For > 4 To 10, Add	8.15	
09MOD-0343 For > 10 To 20, Add	3.51	
09MOD-0344 For > 160, Deduct	-1.22	
09930-0021 EA Three Coats Shellac, Varnish Or Polyurethane Wood Door With Light Sanding Between Coats (Per Face).....	74.90	
09MOD-0341 For Up To 4, Add	52.02	
09MOD-0342 For > 4 To 10, Add	24.49	
09MOD-0343 For > 10 To 20, Add	10.54	
09MOD-0344 For > 160, Deduct	-3.75	
09930-0022 Cabinet Finishes (09930-0007)		
09930-0023 SF One Coat Stain With Brush And Wipe Cabinet.....	0.84	
09930-0024 SF One Coat Shellac, Varnish Or Polyurethane Cabinet.....	0.86	
09930-0025 Gym, Stage And Dance Floor Finishes (09930-0007)		
09930-0026 SF Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor.....	0.44	
Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.		
09930-0027 SF Finish New Elementary School Wood Gym, Stage Or Dance Floor.....	2.34	
Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
09MOD-0340 For Stage Or Dance Floors, Deduct	-0.05	
09930-0028 SF Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor.....	2.40	
Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
09MOD-0340 For Stage Or Dance Floors, Deduct	-0.05	
09930-0029 SF Finish New High School Wood Gym, Stage Or Dance Floor.....	2.46	
Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
09MOD-0340 For Stage Or Dance Floors, Deduct	-0.05	
09930-0030 SF Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor.....	1.63	
Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
09MOD-0340 For Stage Or Dance Floors, Deduct	-0.03	
09930-0031 SF Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor.....	1.68	
Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
09MOD-0340 For Stage Or Dance Floors, Deduct	-0.03	
09930-0032 SF Refinish Existing High School Wood Gym, Stage Or Dance Floor.....	1.73	
Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
09MOD-0340 For Stage Or Dance Floors, Deduct	-0.03	
09945 Surface Preparation (09900)		
Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP		
09945-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces (09945)		
Note: In excess of surface preparation required by 09900. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.		
09945-0002 Concrete And Masonry Surfaces (09945-0001)		
09945-0003 SF Calcimine Removal/Washing Concrete Or Masonry.....	0.28	
09MOD-0316 For Up To 100, Add	0.17	
09MOD-0317 For > 100 To 250, Add	0.08	
09MOD-0318 For > 250 To 500, Add	0.03	
09MOD-0319 For > 5000 To 10000, Deduct	-0.01	
09MOD-0320 For > 10000 To 15000, Deduct	-0.03	
09MOD-0321 For > 15000 To 30000, Deduct	-0.04	
09MOD-0322 For > 30000, Deduct	-0.05	

09000 Finishes

09900 Paints And Coatings

09945 Surface Preparation



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09945-0004	SF		Chemical Clean, Brush And Wash Concrete Or Masonry.....	0.98	
	09MOD-0316		For Up To 100, Add	0.68	
	09MOD-0317		For > 100 To 250, Add	0.32	
	09MOD-0318		For > 250 To 500, Add	0.14	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.09	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.14	
	09MOD-0322		For > 30000, Deduct	-0.19	
09945-0005	SF		Hand Scrape Concrete Or Masonry.....	0.45	
	09MOD-0316		For Up To 100, Add	0.34	
	09MOD-0317		For > 100 To 250, Add	0.16	
	09MOD-0318		For > 250 To 500, Add	0.07	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.02	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.05	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.07	
	09MOD-0322		For > 30000, Deduct	-0.09	
09945-0006	SF		Steam Clean Concrete Or Masonry.....	0.56	
	09MOD-0316		For Up To 100, Add	0.37	
	09MOD-0317		For > 100 To 250, Add	0.17	
	09MOD-0318		For > 250 To 500, Add	0.07	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.05	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.08	
	09MOD-0322		For > 30000, Deduct	-0.11	
09945-0007	SF		Pressure Wash Concrete Or Masonry, Up To 5,000 PSI.....	0.35	
	09MOD-0316		For Up To 100, Add	0.22	
	09MOD-0317		For > 100 To 250, Add	0.10	
	09MOD-0318		For > 250 To 500, Add	0.04	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.02	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.03	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.05	
	09MOD-0322		For > 30000, Deduct	-0.07	
09945-0008	SF		Water Blast Concrete Or Masonry, 10,000 To 12,000 PSI.....	1.03	
	09MOD-0316		For Up To 100, Add	0.71	
	09MOD-0317		For > 100 To 250, Add	0.33	
	09MOD-0318		For > 250 To 500, Add	0.14	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.10	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.15	
	09MOD-0322		For > 30000, Deduct	-0.20	
09945-0009	SF		Water Blast Concrete Or Masonry, 30,000 To 40,000 PSI.....	1.73	
	09MOD-0316		For Up To 100, Add	1.23	
	09MOD-0317		For > 100 To 250, Add	0.57	
	09MOD-0318		For > 250 To 500, Add	0.25	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.08	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.17	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.26	
	09MOD-0322		For > 30000, Deduct	-0.34	
09945-0010	SF		Sand Blasting Concrete Or Masonry.....	1.99	
	09MOD-0315		For Heavy Condition Where Multiple Pass Is Required, Add	1.00	
	09MOD-0316		For Up To 100, Add	1.26	
	09MOD-0317		For > 100 To 250, Add	0.59	
	09MOD-0318		For > 250 To 500, Add	0.25	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.19	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.29	
	09MOD-0322		For > 30000, Deduct	-0.38	
09945-0011			Drywall <small>(09945-0001)</small>		
			Note: Patch holes other than nail/screw holes and greater than 1/2" diameter.		
09945-0012	SF		Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping).....	0.21	
	09MOD-0316		For Up To 100, Add	0.16	
	09MOD-0317		For > 100 To 250, Add	0.07	
	09MOD-0318		For > 250 To 500, Add	0.03	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.01	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.02	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.03	
	09MOD-0322		For > 30000, Deduct	-0.04	
09945-0013	SF		Hand Wash, Minor Repair And Light Sanding Drywall Surfaces.....	0.37	
	09MOD-0316		For Up To 100, Add	0.28	
	09MOD-0317		For > 100 To 250, Add	0.13	
	09MOD-0318		For > 250 To 500, Add	0.06	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.02	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.04	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.06	
	09MOD-0322		For > 30000, Deduct	-0.07	
09945-0014	SF		Scrape, Repair And Sand Severely Damaged Drywall Surfaces.....	0.69	
	09MOD-0316		For Up To 100, Add	0.48	
	09MOD-0317		For > 100 To 250, Add	0.22	
	09MOD-0318		For > 250 To 500, Add	0.10	
	09MOD-0319		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0320		For > 10000 To 15000, Deduct	-0.07	
	09MOD-0321		For > 15000 To 30000, Deduct	-0.10	
	09MOD-0322		For > 30000, Deduct	-0.14	
09945-0015	SF		Cut And Patch Hole In Drywall To Match Existing, Up To 2 SF.....	13.03	
			Note: Per location		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09945-0016 SF Cut And Patch Hole In Drywall To Match Existing, > 2 To 4 SF Note: Per location	10.49	
09945-0017 SF Cut And Patch Hole In Drywall To Match Existing, > 4 To 8 SF Note: Per location	9.41	
09945-0018 SF Cut And Patch Hole In Drywall To Match Existing, > 8 To 16 SF Note: Per location	8.28	
09945-0019 SF Cut And Patch Hole In Drywall To Match Existing, >16 SF To 32 SF Note: Per location See CSI section 09250-0001 for "Gypsum Board" repairs > 32 SF.	7.40	
09945-0020 Metal Surfaces <small>(09945-0001)</small>		
09945-0021 SF Chemical Clean, Brush And Wash Metals 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	1.42 1.01 0.47 0.20 -0.07 -0.14 -0.21 -0.28	
09945-0022 SF Hand Scraping And Sanding Of Metal 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	0.45 0.34 0.16 0.07 -0.02 -0.05 -0.07 -0.09	
09945-0023 SF Pressure Wash Metal, Up To 5,000 PSI 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	0.35 0.23 0.11 0.05 -0.02 -0.03 -0.05 -0.07	
09945-0024 SF Cleaning Metal Surface With Power Tool 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	0.91 0.68 0.32 0.14 -0.05 -0.09 -0.14 -0.18	
09945-0025 SF Steam Cleaning Metal Surfaces 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	0.34 0.20 0.09 0.04 -0.02 -0.03 -0.05 -0.06	
09945-0026 SF Commercial Blast - Loose Mill Scale With Fine Powder 2 LB/SF = 800 LB/Hour 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	0.74 0.49 0.23 0.10 -0.04 -0.07 -0.11 -0.14	
09945-0027 SF Commercial Blast - Tight Mill Scale With Fine Powder Rust 3 LB/SF = 900 LB/Hour 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	1.01 0.65 0.30 0.13 -0.05 -0.10 -0.15 -0.20	
09945-0028 SF Commercial Blast - Exterior Coating Blistered Pitted, Rust 4 LB/SF = 800 LB/Hour 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	1.49 0.98 0.46 0.20 -0.07 -0.14 -0.22 -0.29	
09945-0029 SF Commercial Blast - Badly Pitted With Rust Nodules 6.7 LB/SF = 800 LB/HR 09MOD-0323 For Up To 100, Add 09MOD-0324 For > 100 To 250, Add 09MOD-0325 For > 250 To 500, Add 09MOD-0326 For > 5000 To 10000, Deduct 09MOD-0327 For > 10000 To 15000, Deduct 09MOD-0328 For > 15000 To 30000, Deduct 09MOD-0329 For > 30000, Deduct	2.49 1.63 0.76 0.33 -0.12 -0.24 -0.36 -0.48	

09000 Finishes

09900 Paints And Coatings

09945 Surface Preparation



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09945-0030	SF	Near	White Blast - Loose Mill Scale With fine Powder Rust 5.6 LB/SF = 896 LB/Hour	1.89	
	09MOD-0323		For Up To 100, Add	1.22	
	09MOD-0324		For > 100 To 250, Add	0.57	
	09MOD-0325		For > 250 To 500, Add	0.24	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.09	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.18	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.28	
	09MOD-0329		For > 30000, Deduct	-0.37	
09945-0031	SF	Near	White Blast - Tight Mill Scale Little Rust 6.9 LB/SF = 896 LB/Hour.....	2.34	
	09MOD-0323		For Up To 100, Add	1.51	
	09MOD-0324		For > 100 To 250, Add	0.70	
	09MOD-0325		For > 250 To 500, Add	0.30	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.11	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.22	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.34	
	09MOD-0329		For > 30000, Deduct	-0.45	
09945-0032	SF	Near	White Blast - Exterior Coat Blistered Pitted Rust 9 LB/SF = 900 LB/Hour.....	3.03	
	09MOD-0323		For Up To 100, Add	1.95	
	09MOD-0324		For > 100 To 250, Add	0.91	
	09MOD-0325		For > 250 To 500, Add	0.39	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.14	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.29	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.44	
	09MOD-0329		For > 30000, Deduct	-0.58	
09945-0033	SF	Near	White Blast - Badly Pitted Rust Nodules 11.3 LB/SF = 904 LB/hour.....	3.79	
	09MOD-0323		For Up To 100, Add	2.45	
	09MOD-0324		For > 100 To 250, Add	1.14	
	09MOD-0325		For > 250 To 500, Add	0.49	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.18	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.36	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.55	
	09MOD-0329		For > 30000, Deduct	-0.73	
09945-0034	Tile	<small>(09945-0001)</small>			
09945-0035	SF		Clean Tile With Alkaline Cleaner.....	0.24	
	09MOD-0323		For Up To 100, Add	0.18	
	09MOD-0324		For > 100 To 250, Add	0.08	
	09MOD-0325		For > 250 To 500, Add	0.04	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.01	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.02	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.04	
	09MOD-0329		For > 30000, Deduct	-0.05	
09945-0036	SF		Pressure Wash Tile, Up To 5,000 PSI	0.25	
	09MOD-0323		For Up To 100, Add	0.17	
	09MOD-0324		For > 100 To 250, Add	0.08	
	09MOD-0325		For > 250 To 500, Add	0.03	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.01	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.02	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.04	
	09MOD-0329		For > 30000, Deduct	-0.05	
09945-0037	SF		Cut And Patch Hole In Tile To Match Existing, Up To 1 SF	30.15	
			Note: Per location		
	09MOD-0323		For Up To 100, Add	19.12	
	09MOD-0324		For > 100 To 250, Add	8.92	
	09MOD-0325		For > 250 To 500, Add	3.82	
	09MOD-0326		For > 5000 To 10000, Deduct	-1.41	
	09MOD-0327		For > 10000 To 15000, Deduct	-2.83	
	09MOD-0328		For > 15000 To 30000, Deduct	-4.38	
	09MOD-0329		For > 30000, Deduct	-5.80	
09945-0038	Wood Surfaces	<small>(09945-0001)</small>			
09945-0039	SF		Chemical Clean, Brush And Wash Wood Surfaces	0.98	
	09MOD-0323		For Up To 100, Add	0.68	
	09MOD-0324		For > 100 To 250, Add	0.32	
	09MOD-0325		For > 250 To 500, Add	0.14	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.05	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.09	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.14	
	09MOD-0329		For > 30000, Deduct	-0.19	
09945-0040	SF		Hand Scrape Wood Surfaces	0.62	
	09MOD-0323		For Up To 100, Add	0.47	
	09MOD-0324		For > 100 To 250, Add	0.22	
	09MOD-0325		For > 250 To 500, Add	0.09	
	09MOD-0326		For > 5000 To 10000, Deduct	-0.03	
	09MOD-0327		For > 10000 To 15000, Deduct	-0.06	
	09MOD-0328		For > 15000 To 30000, Deduct	-0.09	
	09MOD-0329		For > 30000, Deduct	-0.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09945-0041 SF Steam Clean Wood Surfaces.....	0.55	
09MOD-0323 For Up To 100, Add	0.36	
09MOD-0324 For > 100 To 250, Add	0.17	
09MOD-0325 For > 250 To 500, Add	0.07	
09MOD-0326 For > 5000 To 10000, Deduct	-0.03	
09MOD-0327 For > 10000 To 15000, Deduct	-0.05	
09MOD-0328 For > 15000 To 30000, Deduct	-0.08	
09MOD-0329 For > 30000, Deduct	-0.11	
09945-0042 SF Pressure Wash Wood Surfaces, Up To 5,000 PSI	0.38	
09MOD-0323 For Up To 100, Add	0.25	
09MOD-0324 For > 100 To 250, Add	0.12	
09MOD-0325 For > 250 To 500, Add	0.05	
09MOD-0326 For > 5000 To 10000, Deduct	-0.02	
09MOD-0327 For > 10000 To 15000, Deduct	-0.04	
09MOD-0328 For > 15000 To 30000, Deduct	-0.06	
09MOD-0329 For > 30000, Deduct	-0.07	
09945-0043 SF Sanding Wood Paneling, Boards, Doors, Etcetera	0.51	
09MOD-0323 For Up To 100, Add	0.35	
09MOD-0324 For > 100 To 250, Add	0.16	
09MOD-0325 For > 250 To 500, Add	0.07	
09MOD-0326 For > 5000 To 10000, Deduct	-0.02	
09MOD-0327 For > 10000 To 15000, Deduct	-0.05	
09MOD-0328 For > 15000 To 30000, Deduct	-0.08	
09MOD-0329 For > 30000, Deduct	-0.10	
09945-0044 SF Sanding Wood Trim	0.68	
09MOD-0323 For Up To 100, Add	0.48	
09MOD-0324 For > 100 To 250, Add	0.22	
09MOD-0325 For > 250 To 500, Add	0.10	
09MOD-0326 For > 5000 To 10000, Deduct	-0.03	
09MOD-0327 For > 10000 To 15000, Deduct	-0.07	
09MOD-0328 For > 15000 To 30000, Deduct	-0.10	
09MOD-0329 For > 30000, Deduct	-0.13	
09945-0045 SF Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	0.89	
09MOD-0323 For Up To 100, Add	0.61	
09MOD-0324 For > 100 To 250, Add	0.28	
09MOD-0325 For > 250 To 500, Add	0.12	
09MOD-0326 For > 5000 To 10000, Deduct	-0.04	
09MOD-0327 For > 10000 To 15000, Deduct	-0.09	
09MOD-0328 For > 15000 To 30000, Deduct	-0.13	
09MOD-0329 For > 30000, Deduct	-0.17	
09945-0046 SF Prime Wood Surfaces With Linseed Oil, 1 Coat	0.44	
09MOD-0323 For Up To 100, Add	0.29	
09MOD-0324 For > 100 To 250, Add	0.13	
09MOD-0325 For > 250 To 500, Add	0.06	
09MOD-0326 For > 5000 To 10000, Deduct	-0.02	
09MOD-0327 For > 10000 To 15000, Deduct	-0.04	
09MOD-0328 For > 15000 To 30000, Deduct	-0.06	
09MOD-0329 For > 30000, Deduct	-0.09	
09945-0047 SF Paint Wood Surfaces With Linseed Oil, 1 Coat.....	0.51	
09MOD-0323 For Up To 100, Add	0.34	
09MOD-0324 For > 100 To 250, Add	0.16	
09MOD-0325 For > 250 To 500, Add	0.07	
09MOD-0326 For > 5000 To 10000, Deduct	-0.02	
09MOD-0327 For > 10000 To 15000, Deduct	-0.05	
09MOD-0328 For > 15000 To 30000, Deduct	-0.07	
09MOD-0329 For > 30000, Deduct	-0.10	
09945-0048 Vinyl Siding Surfaces (09945-0001)		
09945-0049 SF Hand Wash Vinyl Siding	0.39	
09MOD-0323 For Up To 100, Add	0.28	
09MOD-0324 For > 100 To 250, Add	0.13	
09MOD-0325 For > 250 To 500, Add	0.06	
09MOD-0326 For > 5000 To 10000, Deduct	-0.02	
09MOD-0327 For > 10000 To 15000, Deduct	-0.04	
09MOD-0328 For > 15000 To 30000, Deduct	-0.06	
09MOD-0329 For > 30000, Deduct	-0.08	
09945-0050 SF Pressure Wash Vinyl Siding, Up To 5,000 PSI	0.31	
09MOD-0323 For Up To 100, Add	0.20	
09MOD-0324 For > 100 To 250, Add	0.09	
09MOD-0325 For > 250 To 500, Add	0.04	
09MOD-0326 For > 5000 To 10000, Deduct	-0.01	
09MOD-0327 For > 10000 To 15000, Deduct	-0.03	
09MOD-0328 For > 15000 To 30000, Deduct	-0.05	
09MOD-0329 For > 30000, Deduct	-0.06	
09945-0051 SF Steam Clean Vinyl Siding	0.57	
09MOD-0323 For Up To 100, Add	0.36	
09MOD-0324 For > 100 To 250, Add	0.17	
09MOD-0325 For > 250 To 500, Add	0.07	
09MOD-0326 For > 5000 To 10000, Deduct	-0.03	
09MOD-0327 For > 10000 To 15000, Deduct	-0.05	
09MOD-0328 For > 15000 To 30000, Deduct	-0.08	
09MOD-0329 For > 30000, Deduct	-0.11	
09945-0052 Prep Work (09945-0001)		

09000 Finishes

09900 Paints And Coatings

09945 Surface Preparation



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09945-0053	SF	Citrus Strip, Single Applications.....	0.65	
09945-0054		Plaster/Stucco <small>(09945-0001)</small>		
		Note: Based on total project quantity		
09945-0055		Crack Repairs <small>(09945-0054)</small>		
		Note: Includes plaster weld.		
09945-0056	LF	Chip, Clean And Repair Crack In Plaster/Stucco, To 10'.....	12.78	
09945-0057	LF	Chip, Clean And Repair Crack In Plaster/Stucco, > 10' To 50'.....	10.24	
09945-0058	LF	Chip, Clean And Repair Crack In Plaster/Stucco, > 50' To 100'.....	8.35	
09945-0059	LF	Chip, Clean And Repair Crack In Plaster/Stucco, > 100' To 250'.....	6.45	
09945-0060	LF	Chip, Clean And Repair Crack In Plaster/Stucco, > 250' To 500'.....	5.18	
09945-0061	LF	Chip, Clean And Repair Crack In Plaster/Stucco, > 500'.....	3.91	
09945-0062		Hole Repairs <small>(09945-0054)</small>		
		Note: Includes plaster weld.		
09945-0063	SF	Cut And Patch Hole In Plaster/Stucco To Match Existing, To 10 SF.....	12.03	
09945-0064	SF	Cut And Patch Hole In Plaster/Stucco To Match Existing, > 10 SF To 50 SF.....	10.62	
09945-0065	SF	Cut And Patch Hole In Plaster/Stucco To Match Existing, > 50 SF To 100 SF.....	9.77	
09945-0066	SF	Cut And Patch Hole In Plaster/Stucco To Match Existing, > 100 SF To 250 SF.....	9.06	
09945-0067	SF	Cut And Patch Hole In Plaster/Stucco To Match Existing, > 250 SF To 500 SF.....	8.45	
09945-0068	SF	Cut And Patch Hole In Plaster/Stucco To Match Existing, > 500 SF.....	7.76	
09945-0069		Damage Repairs <small>(09945-0054)</small>		
		Note: Includes plaster weld.		
09945-0070	SF	Chip, Clean And Repair Plaster/Stucco, To 10 SF.....	22.88	
09945-0071	SF	Chip, Clean And Repair Plaster/Stucco, > 10 To 50 SF.....	16.55	
09945-0072	SF	Chip, Clean And Repair Plaster/Stucco, > 50 To 250 SF.....	12.12	
09945-0073	SF	Chip, Clean And Repair Plaster/Stucco, > 250 SF.....	9.59	
09945-0074		Pressure Washing <small>(09945-0054)</small>		
09945-0075	SF	Pressure Wash Stucco, Up To 5,000 PSI.....	0.40	
		<i>09MOD-0330 For Up To 100, Add</i>	0.26	
		<i>09MOD-0331 For > 100 To 250, Add</i>	0.12	
		<i>09MOD-0332 For > 250 To 500, Add</i>	0.05	
		<i>09MOD-0333 For > 5000 To 10000, Deduct</i>	-0.02	
		<i>09MOD-0334 For > 10000 To 15000, Deduct</i>	-0.04	
		<i>09MOD-0335 For > 15000 To 30000, Deduct</i>	-0.06	
		<i>09MOD-0336 For > 30000, Deduct</i>	-0.08	
09945-0076		Paint Removal, Strip To Bare Wood <small>(09945-0001)</small>		
09945-0077	SF	Flat Surfaces.....	5.57	
09945-0078	SF	Cornices And Decorative Trim To 12" Wide.....	5.93	
09945-0079		"Spot" Painting Of Surfaces <small>(09945)</small>		
		Note: For use on individual areas less than 10 SF.		
09945-0080	SF	"Spot" Paint Surfaces, Per Coat.....	0.83	
09949		Painting Materials <small>(09900)</small>		
		Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.		
09949-0001		Primer <small>(09949)</small>		
09949-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	20.55	
09949-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon.....	20.16	
09949-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon.....	25.56	
09949-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon.....	47.04	
09949-0006	EA	Cement Base Primer, 25# Sack.....	21.08	
09949-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon.....	32.50	
09949-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	26.09	
09949-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF Per Gallon.....	20.16	
09949-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	18.31	
09949-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon.....	32.28	
09949-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon.....	26.88	
09949-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon.....	26.88	
09949-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon.....	30.30	
09949-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon.....	19.76	
09949-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon.....	35.18	
09949-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon.....	21.08	
09949-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon.....	16.86	
09949-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon.....	43.61	
09949-0020	GAL	Stain Killer, Alcohol Base.....	27.19	
09949-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon.....	30.68	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09949-0022

Paint (09949)

09949-0023	GAL Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	14.76	
09949-0024	GAL Acrylic Urethane Sealer	73.17	
09949-0025	GAL Asphalt-Fiber Roof And Foundation Coating, Solvent Type	7.91	
	Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal		
09949-0026	GAL Concrete Enamel Epoxy, 350 SF Per Gallon	45.72	
09949-0027	GAL Concrete Acrylic Sealer, 400 SF Per Gallon	23.98	
09949-0028	GAL Driveway Coating, Tar Emulsion, 120 SF Per Gallon	7.91	
09949-0029	GAL Driveway Coating, Acrylic Latex, 250 SF Per Gallon	11.99	
09949-0030	GAL Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	24.24	
09949-0031	GAL Exterior, Oil Base, Gloss, 400 SF Per Gallon	32.28	
09949-0032	GAL Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	26.35	
09949-0033	GAL Exterior, Oil Base, Flat	24.15	
09949-0034	GAL Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	22.92	
09949-0035	GAL Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	27.01	
09949-0036	GAL Exterior, Latex Flat Paint, 300 SF Per Gallon	23.98	
09949-0037	GAL Exterior, Latex Gloss Enamel, Water Base	34.13	
09949-0038	GAL Galvanizing paint	37.15	
09949-0039	GAL High Heat Paint	49.80	
09949-0040	GAL Heat Resistant Paint	33.20	
09949-0041	GAL Zinc Chromate Paint	30.04	
09949-0042	QT Anti-Rust Enamel, 500 SF Per Quart	11.86	
09949-0043	GAL Rust Inhibitor, Ferrous Metal	33.20	
09949-0044	GAL Masonry Waterproofing, 100 SF Per Gallon	23.98	
09949-0045	GAL Alkyd Latex, Black	22.40	
09949-0046	GAL Alkyd Latex, White	22.40	
09949-0047	GAL Alkyd Latex, Colors	27.01	
09949-0048	QT Wrought Iron Paint, Black	30.30	
09949-0049	GAL Vinyl Paint	40.32	
09949-0050	GAL Silicone Alkyd	49.01	
09949-0051	GAL 2 Component Solvent Based Acrylic Epoxy	49.80	
09949-0052	GAL 2 Component Solvent Based Polyester Epoxy	62.45	
09949-0053	GAL Chlorinated Rubber	45.85	
09949-0054	GAL Polyamide Epoxy Sealer	47.43	
09949-0055	GAL Coal Tar Epoxy	33.99	
09949-0056	GAL Swimming Pool Enamel, 350 SF Per Gallon	42.42	
09949-0057	GAL Swimming Pool Epoxy Or Urethane Base	55.34	
09949-0058	GAL Swimming Pool Rubber Base	37.94	
09949-0059	GAL Interior, Latex Flat Paint, 300 SF Per Gallon	24.11	
09949-0060	GAL Interior, Latex Semi-Gloss Enamel, 300 SF Per Gallon	27.01	
09949-0061	GAL Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	49.41	
09949-0062	GAL Interior, Ceiling White Latex Flat, 350 SF Per Gallon	16.73	
09949-0063	GAL Linseed Oil	14.62	
09949-0064	GAL Latex Floor Paint, 300 SF Per Gallon	23.98	
09949-0065	GAL Acrylic Floor Paint, 400 SF Per Gallon	27.01	
09949-0066	GAL Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	24.70	
09949-0067	GAL Acoustic Spray-On Texture, Finish	19.85	

09949-0068

Stain, Varnish (09949)

09949-0069	GAL Thompson Water Sealer, 150 SF Per Gallon	13.70	
09949-0070	GAL Latex Redwood Stain, Water Base, 300 SF Per Gallon	25.56	
09949-0071	GAL Redwood Oil Stain, 300 SF Per Gallon	22.79	
09949-0072	GAL Varnish, Clear	37.55	
09949-0073	GAL Penetrating Water-Repellent Stain	27.27	
09949-0074	GAL Redwood Hue Or Clear Stain	24.37	
09949-0075	GAL Polyurethane	42.79	
09949-0076	GAL Lacquer, Semi-Gloss	24.05	
09949-0077	GAL Shellac, Clear	31.55	
09949-0078	GAL Acetone	10.41	
09949-0079	GAL Paint Thinner	2.57	
09949-0080	GAL Shellac Or Lacquer Thinner	10.54	
09949-0081	GAL Turpentine	14.49	
09949-0082	GAL Wood Filler Paste	24.77	
09949-0083	GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	19.76	

END OF SECTION 09

8

09000 Finishes

09900 Paints And Coatings

09949 Painting Materials



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



Specialties 10000	10
Visual Display Boards 10100	
Chalkboards 10110	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10000 Specialties

10100 Visual Display Boards (10000)

10110 Chalkboards (10100)

10110-0001 Fixed Chalkboards (10110)

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10110-0002 Porcelain Enamel Steel Chalkboards (10110-0001)

10110-0003 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) (10110-0002)

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10110-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	37.88	5.48
10110-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	25.15	2.57
10110-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	21.76	2.22
10110-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	18.44	1.45
10110-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	15.84	0.81

10110-0009 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) (10110-0002)

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10110-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	40.38	5.48
10110-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	27.59	2.57
10110-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	24.00	2.22
10110-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	21.16	1.45
10110-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	18.51	0.81

10110-0015 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) (10110-0002)

Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.

10110-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	36.34	5.48
10110-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	23.58	2.57
10110-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	20.25	2.22
10110-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	17.18	1.45
10110-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	14.43	0.81

10110-0021 Sliding Chalkboards (10110)

Note: Includes fixed back panel, full length map rail, map hooks, chalk tray and mounting hardware.

10110-0022 Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) (10110-0021)

10110-0023 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards (10110-0022)

10110-0024	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	1,933.22	64.40
10110-0025	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,178.43	64.40
10110-0026	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,471.71	68.59
10110-0027	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,756.61	68.59
10110-0028	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,446.83	73.74
10110-0029	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,674.08	73.74
10110-0030	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,157.40	77.29
10110-0031	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,721.53	77.29

10110-0032 Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards (10110-0022)

10110-0033	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,664.65	64.40
10110-0034	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,172.57	64.40
10110-0035	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,635.95	68.59
10110-0036	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,102.29	68.59
10110-0037	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,681.00	73.74
10110-0038	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,886.51	73.74
10110-0039	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,739.33	77.29
10110-0040	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	6,425.36	77.29

10110-0041 Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards (10110-0022)

10110-0042	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,976.50	64.40
10110-0043	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,391.81	64.40
10110-0044	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,837.23	68.59
10110-0045	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,313.97	68.59
10110-0046	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	5,232.88	73.74

10000	Specialties
10100	Visual Display Boards
10110	Chalkboards



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10110-0047	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,451.62	73.74
10110-0048	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,447.14	77.29
10110-0049	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,206.46	77.29
10110-0050		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) <small>(10110-0021)</small>		
10110-0051		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10110-0050)</small>		
10110-0052	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,323.01	64.40
10110-0053	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,570.11	64.40
10110-0054	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,812.36	68.59
10110-0055	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,241.35	68.59
10110-0056	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,552.14	73.74
10110-0057	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,948.05	73.74
10110-0058		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10110-0050)</small>		
10110-0059	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,436.15	64.40
10110-0060	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,819.78	64.40
10110-0061	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,200.45	68.59
10110-0062	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,906.29	68.59
10110-0063	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,340.83	73.74
10110-0064	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,981.47	73.74
10110-0065		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10110-0050)</small>		
10110-0066	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,714.66	64.40
10110-0067	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,237.66	64.40
10110-0068	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,757.70	68.59
10110-0069	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,739.44	68.59
10110-0070	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,309.08	73.74
10110-0071	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,211.44	73.74
10110-0072		Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) <small>(10110-0021)</small>		
		Note: Excludes remotes.		
10110-0073		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10110-0072)</small>		
10110-0074	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,538.28	128.80
10110-0075	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,757.14	128.80
10110-0076	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,997.28	132.83
10110-0077	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,398.15	132.83
10110-0078	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,837.30	136.86
10110-0079	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,223.99	136.86
10110-0080	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,057.72	144.91
10110-0081	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,164.69	144.91
10110-0082		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10110-0072)</small>		
10110-0083	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,929.13	128.80
10110-0084	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,218.48	128.80
10110-0085	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,537.63	132.83
10110-0086	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,126.74	132.83
10110-0087	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,708.77	136.86
10110-0088	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,268.59	136.86
10110-0089	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,397.35	144.91
10110-0090	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,566.88	144.91
10110-0091		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10110-0072)</small>		
10110-0092	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,534.68	128.80
10110-0093	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,264.98	128.80
10110-0094	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,648.00	132.83
10110-0095	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	17,414.02	132.83
10110-0096	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,215.48	136.86
10110-0097	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,990.00	136.86
10110-0098	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,510.17	144.91
10110-0099	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,808.42	144.91
10110-0100		Sliding Chalkboard And Markerboard Accessories <small>(10110-0021)</small>		
10110-0101	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	572.50	
10110-0102	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	979.79	



Specialties 10000	10
Visual Display Boards 10100	
Chalkboards 10110	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10110-0103		Remove And Reinstall <small>(10110)</small>		
10110-0104	SF	Remove And Reinstall Chalkboard.....	6.88	
10110-0105		Field Applied Chalkboard And Accessories <small>(10110)</small>		
10110-0106		Chalkboard Face Sheets And Panels <small>(10110-0105)</small>		
10110-0107	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	12.01	2.57
		Note: Includes porcelain enamel steel chalkboard skin.		
10110-0108	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT).....	14.79	2.57
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
10110-0109		Chalkboard And Markerboard Accessory Trays And Trim <small>(10110-0105)</small>		
10110-0110	LF	Chalk And Marker Tray, Field Applied	12.89	3.54
10110-0111	PR	Chalk And Marker Tray End Closures, Field Applied.....	17.36	6.44
10110-0112	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied.....	8.96	3.54
10110-0113	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	9.26	3.54
10110-0114	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	10.17	3.54
10110-0115	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	10.92	3.54
10110-0116	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied.....	9.73	3.54
10115		Markerboards <small>(10100)</small>		
10115-0001		Fixed Markerboards <small>(10115)</small>		
		Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
10115-0002		Porcelain Enamel Steel Markerboards <small>(10115-0001)</small>		
10115-0003		5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) <small>(10115-0002)</small>		
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10115-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	38.04	5.48
10115-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	25.70	2.57
10115-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	21.76	2.22
10115-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	18.64	1.45
10115-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	15.62	0.81
10115-0009		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) <small>(10115-0002)</small>		
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10115-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	40.41	5.48
10115-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	26.41	2.57
10115-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	22.82	2.22
10115-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.98	1.45
10115-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	17.81	0.81
10115-0015		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) <small>(10115-0002)</small>		
		Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10115-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	36.32	5.48
10115-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	23.59	2.57
10115-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	21.40	2.22
10115-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	17.30	1.45
10115-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	14.17	0.81
10115-0021		Melamine Markerboard <small>(10115-0001)</small>		
10115-0022		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) <small>(10115-0001)</small>		
		Note: Includes full length map rail, map hooks, marker tray and mounting hardware.		
10115-0023	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	29.06	5.48
10115-0024	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	18.58	2.57
10115-0025	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	16.14	2.22
10115-0026	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	12.34	1.45
10115-0027	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	10.39	0.81
10115-0028		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) <small>(10115-0001)</small>		
		Note: Includes marker tray and mounting hardware.		
10115-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	28.26	5.48
10115-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	18.21	2.57
10115-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	15.61	2.22

10000 Specialties**10100 Visual Display Boards****10115 Markerboards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10115-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	11.39	1.45
10115-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	9.52	0.81
10115-0034		Sliding Markerboards ⁽¹⁰¹¹⁵⁾		
		Note: Includes fixed back panel, full length map rail, map hooks, marker tray and mounting hardware.		
10115-0035		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series)		
		⁽¹⁰¹¹⁵⁻⁰⁰³⁴⁾		
10115-0036		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards		
		⁽¹⁰¹¹⁵⁻⁰⁰³⁵⁾		
10115-0037	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	1,909.18	64.40
10115-0038	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,146.38	64.40
10115-0039	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,431.64	68.59
10115-0040	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,708.52	68.59
10115-0041	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,390.73	73.74
10115-0042	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,609.97	73.74
10115-0043	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,077.27	77.29
10115-0044	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,625.37	77.29
10115-0045		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards		
		⁽¹⁰¹¹⁵⁻⁰⁰³⁵⁾		
10115-0046	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,640.61	64.40
10115-0047	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,140.52	64.40
10115-0048	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,595.88	68.59
10115-0049	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,054.20	68.59
10115-0050	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,624.90	73.74
10115-0051	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,822.41	73.74
10115-0052	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,659.19	77.29
10115-0053	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,329.20	77.29
10115-0054		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards		
		⁽¹⁰¹¹⁵⁻⁰⁰³⁵⁾		
10115-0055	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,952.46	64.40
10115-0056	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,359.76	64.40
10115-0057	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,797.16	68.59
10115-0058	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,265.88	68.59
10115-0059	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,176.78	73.74
10115-0060	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,387.51	73.74
10115-0061	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,367.00	77.29
10115-0062	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,134.34	77.29
10115-0063		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) ⁽¹⁰¹¹⁵⁻⁰⁰³⁴⁾		
10115-0064		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards ⁽¹⁰¹¹⁵⁻⁰⁰⁶³⁾		
10115-0065	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,290.96	64.40
10115-0066	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,530.04	64.40
10115-0067	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,764.28	68.59
10115-0068	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,177.24	68.59
10115-0069	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,472.00	73.74
10115-0070	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,851.89	73.74
10115-0071		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards ⁽¹⁰¹¹⁵⁻⁰⁰⁶³⁾		
10115-0072	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,372.04	64.40
10115-0073	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,739.64	64.40
10115-0074	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,104.29	68.59
10115-0075	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,778.08	68.59
10115-0076	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,180.56	73.74
10115-0077	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,789.14	73.74
10115-0078		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards ⁽¹⁰¹¹⁵⁻⁰⁰⁶³⁾		
10115-0079	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,618.50	64.40
10115-0080	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,117.46	64.40
10115-0081	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,613.46	68.59
10115-0082	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,547.12	68.59
10115-0083	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,068.67	73.74
10115-0084	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,922.95	73.74
10115-0085		Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) ⁽¹⁰¹¹⁵⁻⁰⁰³⁴⁾		
		Note: Excludes remotes.		
10115-0086		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards ⁽¹⁰¹¹⁵⁻⁰⁰⁸⁵⁾		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10115-0087	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,498.21	128.80
10115-0088	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,707.06	128.80
10115-0089	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,937.18	132.83
10115-0090	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,318.01	132.83
10115-0091	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,737.13	136.86
10115-0092	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,103.79	136.86
10115-0093	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,917.48	144.91
10115-0094	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	10,004.42	144.91
10115-0095		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10115-0085)</small>		
10115-0096	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,848.99	128.80
10115-0097	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,118.32	128.80
10115-0098	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,417.43	132.83
10115-0099	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,966.47	132.83
10115-0100	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,508.43	136.86
10115-0101	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,028.19	136.86
10115-0102	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,116.87	144.91
10115-0103	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,246.34	144.91
10115-0104		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10115-0085)</small>		
10115-0105	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,414.48	128.80
10115-0106	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	16,114.72	128.80
10115-0107	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	16,467.69	132.83
10115-0108	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,173.61	132.83
10115-0109	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,914.97	136.86
10115-0110	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	18,629.39	136.86
10115-0111	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	20,089.46	144.91
10115-0112	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	20,327.60	144.91
10115-0113		Sliding Chalkboard And Markerboard Accessories <small>(10115-0034)</small> See CSI section 10110-0100 for sliding chalkboard and markerboard accessories.		
10115-0114		Remove And Reinstall <small>(10115)</small>		
10115-0115	SF	Remove And Reinstall Markerboard.....	6.44	
10115-0116		Field Applied Markerboard And Accessories <small>(10115)</small>		
10115-0117		Markerboard Face Sheets And Panels <small>(10115-0116)</small>		
10115-0118	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	11.79	2.57
10115-0119	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	14.28	2.57
10115-0120	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS)..... Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	14.22	2.57
10115-0121	SF	Melamine Markerboard Panel (Claridge 1032)..... Note: Includes 1/4" thick melamine panel.	7.27	2.57
10115-0122		Chalkboard And Markerboard Accessory Trays And Trim <small>(10115-0116)</small> See CSI section 10110-0109 for chalkboard and markerboard accessory trays and trim.		
10120		Tackboards <small>(10100)</small>		
10120-0001		Fixed Tackboards <small>(10120)</small> Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10120-0002		Cork Surface, Fixed Tackboards <small>(10120-0001)</small> Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10120-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10120-0002)</small>		
10120-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	23.63	5.48
10120-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	13.97	2.57
10120-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	12.13	2.22
10120-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	9.98	1.45
10120-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	8.52	0.81
10120-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) <small>(10120-0002)</small>		
10120-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	25.13	5.48
10120-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	14.66	2.57
10120-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	11.77	2.22
10120-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	9.43	1.45

10000 Specialties
10100 Visual Display Boards
10120 Tackboards



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10120-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	7.66	0.81
10120-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10120-0002)</small>		
10120-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	25.28	5.48
10120-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	16.12	2.57
10120-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	15.08	2.22
10120-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	11.83	1.45
10120-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	9.67	0.81
10120-0021		Burlap Backed Cork Surface, Fixed Tackboards <small>(10120-0001)</small>		
		Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10120-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10120-0021)</small>		
10120-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	27.96	5.48
10120-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	19.17	2.57
10120-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	17.62	2.22
10120-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	15.49	1.45
10120-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	14.13	0.81
10120-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10120-0021)</small>		
10120-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	31.58	5.48
10120-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.04	2.57
10120-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.52	2.22
10120-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	18.33	1.45
10120-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	16.20	0.81
10120-0034		Polyester Fabric Surface, Fixed Tackboards <small>(10120-0001)</small>		
		Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10120-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10120-0034)</small>		
10120-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	24.65	5.48
10120-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	15.23	2.57
10120-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	13.55	2.22
10120-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	11.43	1.45
10120-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	9.82	0.81
10120-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10120-0034)</small>		
10120-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	26.70	5.48
10120-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.89	2.57
10120-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	16.73	2.22
10120-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	13.64	1.45
10120-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	11.56	0.81
10120-0047		Vinyl Fabric Surface, Fixed Tackboards <small>(10120-0001)</small>		
		Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10120-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10120-0047)</small>		
10120-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	23.63	5.48
10120-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	14.05	2.57
10120-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	12.25	2.22
10120-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	9.98	1.45
10120-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	8.34	0.81
10120-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10120-0047)</small>		
10120-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	25.28	5.48
10120-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	16.85	2.57
10120-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	15.08	2.22
10120-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	11.83	1.45
10120-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	9.67	0.81

10150 Compartments And Cubicles (10000)10160 Metal Toilet Partitions And Urinal Screens (10150)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10160-0001 Enamel Coated Steel Toilet Partitions And Urinal Screens <small>(10160)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10160-0002 Enamel Coated Steel Toilet Partitions <small>(10160-0001)</small> Note: All colors.		
10160-0003 Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10160-0002)</small>		
10160-0004 EA 36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	565.91	72.46
10MOD-0013 For > 10, Deduct	-42.10	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0005 EA 60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	683.79	78.89
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0006 EA 60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	730.15	82.12
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0007 Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions <small>(10160-0002)</small> Note: Includes headrail.		
10160-0008 EA 36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	590.11	88.55
10MOD-0014 For > 10, Deduct	-41.30	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0009 EA 60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	684.99	95.00
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0010 EA 60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	723.94	98.21
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0011 Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10160-0002)</small> Note: Excludes above ceiling steel.		
10160-0012 EA 36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	696.50	104.65
10MOD-0015 For > 10, Deduct	-48.72	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0013 EA 60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	811.28	111.10
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0014 EA 60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	851.94	114.31
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0015 Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions <small>(10160-0002)</small> Note: Excludes above ceiling steel.		
10160-0016 EA 36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	674.52	120.76
10MOD-0016 For > 10, Deduct	-43.30	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0017 EA 60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	808.39	127.20
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0018 EA 60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	853.60	130.42
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10160-0019 Enamel Coated Steel Urinal Screens <small>(10160-0001)</small> Note: All colors.		
10160-0020 Floor Anchored, Enamel Coated Steel, Urinal Screens <small>(10160-0019)</small>		
10160-0021 EA 24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	300.12	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0022 EA 36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	332.56	48.28
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0023 EA 48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	365.99	51.50
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0024 Wall Hung, Enamel Coated Steel, Urinal Screens <small>(10160-0019)</small>		
10160-0025 EA 18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	171.24	38.62
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0026 EA 24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	184.69	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0027 EA 30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	195.12	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0028 Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens <small>(10160-0019)</small>		

10000 Specialties**10150 Compartments And Cubicles****10160 Metal Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10160-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen.....	220.64	41.85
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0030		Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens (10160-0019)		
10160-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	246.68	41.85
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	263.12	45.06
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	279.56	48.28
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0034		Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens (10160-0019)		
10160-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen.....	278.12	45.06
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen.....	298.56	48.28
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen.....	329.99	51.50
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0038		Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters (10160-0001)		
		Note: All colors. See CSI section 10186-0000 for other accessories.		
10160-0039		Enamel Coated Steel, Toilet Partition Doors (10160-0038)		
10160-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door.....	177.76	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10160-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door.....	181.76	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10160-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door.....	192.69	13.84
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10160-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door.....	210.69	13.84
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10160-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door.....	214.69	13.84
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10160-0045		Enamel Coated Steel, Toilet Partition Panels (10160-0038)		
10160-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	128.64	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	141.87	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	155.08	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	168.30	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	181.53	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	194.74	27.38
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	206.96	28.98
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	220.19	30.59
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	229.40	32.21
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	234.69	32.84
	10MOD-0017	For Panel Reinforced At ADA Grab Bar, Add	42.00	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	241.62	33.81
	10MOD-0017	For Panel Reinforced At ADA Grab Bar, Add	42.00	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	263.85	35.42
	10MOD-0017	For Panel Reinforced At ADA Grab Bar, Add	42.00	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	283.06	37.04
	10MOD-0017	For Panel Reinforced At ADA Grab Bar, Add	42.00	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0059		70" Long, Enamel Coated Steel, Toilet Partition Pilasters (10160-0038)		
10160-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	97.32	9.66
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	107.55	11.27
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	118.76	12.88
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	137.98	14.49
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10160-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster.....	156.21	16.10
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10160-0065	EA 12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	174.42 22.84	17.71
10160-0066	EA 18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	224.64 22.84	19.32
10160-0067	EA 22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	257.87 22.84	20.93
10160-0068	EA 24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	277.08 22.84	22.55
10160-0069	82" Long, Enamel Coated Steel, Toilet Partition Pilasters (10160-0038)		
10160-0070	EA Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	78.32 22.84	9.66
10160-0071	EA 5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	85.55 22.84	11.27
10160-0072	EA 6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	93.76 22.84	12.88
10160-0073	EA 8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	105.98 22.84	14.49
10160-0074	EA 10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	117.21 22.84	16.10
10160-0075	EA 12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	129.42 22.84	17.71
10160-0076	EA 18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	159.64 22.84	19.32
10160-0077	EA 22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	179.87 22.84	20.93
10160-0078	EA 24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	192.08 22.84	22.55
10160-0079	96" To 120" Long, Enamel Coated Steel, Partition Pilasters (10160-0038)		
10160-0080	EA Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	108.76 22.84	12.88
10160-0081	EA 5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	118.98 22.84	14.49
10160-0082	EA 6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	130.21 22.84	16.10
10160-0083	EA 8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	149.42 22.84	17.71
10160-0084	EA 10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	167.64 22.84	19.32
10160-0085	EA 12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	185.87 22.84	20.93
10160-0086	EA 18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	236.08 22.84	22.55
10160-0087	EA 22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	269.30 22.84	24.15
10160-0088	EA 24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	288.53 22.84	25.76
10160-0089	Stainless Steel Toilet Partitions And Urinal Screens (10160) Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
10160-0090	Stainless Steel Toilet Partitions (10160-0089)		
10160-0091	Floor Anchored, Stainless Steel, Complete Toilet Partitions (10160-0090)		
10160-0092	EA 36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... 10MOD-0018 For > 10, Deduct 10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	1,528.71 -138.38 82.42 484.33	72.46
10160-0093	EA 60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... 10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	1,848.49 82.42 591.75	78.89
10160-0094	EA 60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... 10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	1,936.26 82.42 620.21	82.12
10160-0095	Overhead Braced, Stainless Steel, Complete Toilet Partitions (10160-0090) Note: Includes headrail.		
10160-0096	EA 36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... 10MOD-0019 For > 10, Deduct 10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	1,285.95 -110.88 82.42 388.09	88.55

10000 Specialties**10150 Compartments And Cubicles****10160 Metal Toilet Partitions And Urinal Screens**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10160-0097	EA		60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,569.25	95.00
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	482.74	
10160-0098	EA		60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,711.65	98.21
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	530.33	
10160-0099			Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions (10160-0099)		
			Note: Excludes above ceiling steel.		
10160-0100	EA		36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,786.77	104.65
	10MOD-0020		For > 10, Deduct	-157.75	
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	552.11	
10160-0101	EA		60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partitiion.....	1,916.74	111.10
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	593.09	
10160-0102	EA		60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,007.09	114.31
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	622.46	
10160-0103			Ceiling Hung, Stainless Steel, Complete Toilet Partitions (10160-0099)		
			Note: Excludes above ceiling steel.		
10160-0104	EA		36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,783.72	120.76
	10MOD-0021		For > 10, Deduct	-154.22	
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	539.77	
10160-0105	EA		60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,177.19	127.20
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	672.98	
10160-0106	EA		60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,290.41	130.42
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0157		For Diamond Pattern Finish, Add	710.35	
10160-0107			Stainless Steel Urinal Screens (10160-0089)		
10160-0108			Floor Anchored, Stainless Steel, Urinal Screens (10160-0107)		
10160-0109	EA		24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen.....	498.08	45.06
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	142.79	
10160-0110	EA		36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen.....	564.63	48.28
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	163.82	
10160-0111	EA		48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen.....	575.99	51.50
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	165.55	
10160-0112			Wall Hung, Stainless Steel, Urinal Screens (10160-0107)		
10160-0113	EA		18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen.....	366.66	38.62
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	101.30	
10160-0114	EA		24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen.....	396.75	41.85
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	109.57	
10160-0115	EA		30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen.....	433.32	45.06
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	120.12	
10160-0116			Wall Hung And Post Supported, Stainless Steel, Urinal Screens (10160-0107)		
10160-0117	EA		18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen.....	601.64	41.85
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	181.29	
10160-0118	EA		24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen.....	630.22	45.06
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	189.04	
10160-0119	EA		30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen.....	658.66	48.28
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	196.74	
10160-0120			Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens (10160-0107)		
10160-0121	EA		22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen.....	498.08	45.06
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157		For Diamond Pattern Finish, Add	142.79	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10160-0122	EA 34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	564.63 22.84 163.82	48.28
10160-0123	EA 46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	634.00 22.84 185.85	51.50
10160-0124	Stainless Steel Toilet Partition Doors, Panels And Pilasters (10160-0089) See CSI section 10186-0000 for other accessories.		
10160-0125	Stainless Steel, Toilet Partition Doors (10160-0124)		
10160-0126	EA 24" x 58" x 1", Stainless Steel, Toilet Partition Door 10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add 10MOD-0157 For Diamond Pattern Finish, Add	334.36 36.75 108.01	12.88
10160-0127	EA 26" x 58" x 1", Stainless Steel, Toilet Partition Door 10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add 10MOD-0157 For Diamond Pattern Finish, Add	383.11 36.75 125.07	12.88
10160-0128	EA 30" x 58" x 1", Stainless Steel, Toilet Partition Door 10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add 10MOD-0157 For Diamond Pattern Finish, Add	393.08 36.75 127.44	14.49
10160-0129	EA 34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door 10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add 10MOD-0157 For Diamond Pattern Finish, Add	407.15 36.75 132.36	14.49
10160-0130	EA 36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door 10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add 10MOD-0157 For Diamond Pattern Finish, Add	411.06 36.75 133.73	14.49
10160-0131	Stainless Steel, Toilet Partition Panels (10160-0124)		
10160-0132	EA 6" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	286.27 22.84 86.67	19.32
10160-0133	EA 12" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	318.10 22.84 96.68	20.93
10160-0134	EA 18" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	331.20 22.84 100.14	22.55
10160-0135	EA 24" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	346.18 22.84 104.26	24.15
10160-0136	EA 30" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	371.63 22.84 112.04	25.76
10160-0137	EA 36" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	401.28 22.84 121.29	27.38
10160-0138	EA 42" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	470.46 22.84 144.38	28.98
10160-0139	EA 48" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	515.49 22.84 159.01	30.59
10160-0140	EA 55" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	528.60 22.84 162.47	32.21
10160-0141	EA 58" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	555.19 22.84 171.33	32.84
10160-0142	EA 60" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	590.12 22.84 182.88	33.81
10160-0143	EA 70" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	618.33 22.84 191.62	35.42
10160-0144	EA 78" x 58" x 1", Stainless Steel, Toilet Partition Panel 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	679.06 22.84 211.75	37.04
10160-0145	70" Long, Stainless Steel, Toilet Partition Pilasters (10160-0124)		
10160-0146	EA Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	199.72 22.84 63.14	9.66
10160-0147	EA 5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	217.25 22.84 68.15	11.27
10160-0148	EA 6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	235.86 22.84 73.54	12.88
10160-0149	EA 8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster 10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add 10MOD-0157 For Diamond Pattern Finish, Add	268.78 22.84 83.93	14.49

10000 Specialties**10150 Compartments And Cubicles****10160 Metal Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10160-0150	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	301.71	16.10
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	94.33	
10160-0151	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	334.62	17.71
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	104.72	
10160-0152	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	425.84	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	135.52	
10160-0153	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	488.47	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	156.31	
10160-0154	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	521.38	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	166.71	
10160-0155		82" Long, Stainless Steel, Toilet Partition Pilasters (10160-0124)		
10160-0156	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	151.91	9.66
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	46.41	
10160-0157	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	164.22	11.27
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	49.58	
10160-0158	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	176.97	12.88
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	52.92	
10160-0159	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	230.51	14.49
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	70.54	
10160-0160	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	260.26	16.10
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	79.82	
10160-0161	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	268.97	17.71
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	81.74	
10160-0162	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	305.03	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	93.24	
10160-0163	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	344.37	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	105.88	
10160-0164	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	365.49	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	112.14	
10160-0165		96" To 120" Long, Stainless Steel, Toilet Partition Pilasters (10160-0124)		
10160-0166	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	218.26	12.88
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	67.38	
10160-0167	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	239.08	14.49
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	73.54	
10160-0168	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	258.81	16.10
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	79.31	
10160-0169	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	297.22	17.71
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	91.63	
10160-0170	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	334.54	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	103.57	
10160-0171	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	371.87	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	115.50	
10160-0172	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	479.58	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	152.08	
10160-0173	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	551.00	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	175.95	
10160-0174	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	589.43	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0157	For Diamond Pattern Finish, Add	188.27	

10165 Laminated Plastic Toilet Partitions And Urinal Screens (10150)**10165-0001 Laminated Plastic Toilet Partitions And Urinal Screens (10165)**

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10165-0002 Laminated Plastic Toilet Partitions <small>(10165-0001)</small> Note: Includes all standard Bobrick colors.		
10165-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions <small>(10165-0002)</small>		
10165-0004 EA 36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	546.76	72.46
10MOD-0022 For > 10, Deduct	-40.19	
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.26	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0005 EA 60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	662.53	78.89
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.27	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0006 EA 60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	711.23	82.12
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.28	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions <small>(10165-0002)</small> Note: Includes headrail.		
10165-0008 EA 36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	598.57	88.55
10MOD-0023 For > 10, Deduct	-42.15	
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.29	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0009 EA 60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	719.25	95.00
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.30	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0010 EA 60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	771.62	98.21
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.30	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions <small>(10165-0002)</small> Note: Excludes above ceiling steel.		
10165-0012 EA 36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	801.89	120.76
10MOD-0024 For > 10, Deduct	-56.04	
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.34	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0013 EA 60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	926.34	127.20
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.35	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0014 EA 60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	975.03	130.42
10MOD-0150 For Cast Stainless Steel Hardware, Add	66.36	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10165-0015 Laminated Plastic Urinal Screens <small>(10165-0001)</small> Note: Includes all standard Bobrick colors.		
10165-0016 Floor Anchored, Laminated Plastic, Urinal Screens <small>(10165-0015)</small>		
10165-0017 EA 24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	239.99	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0018 EA 36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	261.13	48.28
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0019 EA 48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	270.45	51.50
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0020 Wall Hung, Laminated Plastic, Urinal Screens <small>(10165-0015)</small>		
10165-0021 EA 18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	188.79	38.62
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0022 EA 24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	199.44	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0023 EA 30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	209.69	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0024 Wall Hung And Post Supported, Laminated Plastic, Urinal Screens <small>(10165-0015)</small>		
10165-0025 EA 18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	244.38	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0026 EA 24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	267.57	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0027 EA 30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	292.53	48.28
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0028 Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens <small>(10165-0015)</small>		
10165-0029 EA 24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	227.68	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	

10000 Specialties**10150 Compartments And Cubicles****10165 Laminated Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10165-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen.....	249.24	45.06
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen.....	258.33	48.28
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0032		Laminated Plastic Toilet Partition Doors, Panels And Pilasters <small>(10165-0001)</small>		
		Note: Includes all standard Bobrick colors. See CSI section 10186-0000 for other accessories.		
10165-0033		Laminated Plastic, Toilet Partition Doors <small>(10165-0032)</small>		
10165-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door.....	174.32	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10165-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door.....	188.76	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10165-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door.....	195.91	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10165-0037	EA	34" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door.....	200.38	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10165-0038	EA	36" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door.....	204.58	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10165-0039		Laminated Plastic, Toilet Partition Panels <small>(10165-0032)</small>		
10165-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	97.15	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	107.18	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	117.20	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	127.57	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	137.25	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	147.66	27.38
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	151.67	28.98
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	156.21	30.59
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	164.41	32.21
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	170.81	32.84
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	178.12	33.81
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	201.04	35.42
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	226.82	37.04
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10165-0053		69" Long, Laminated Plastic, Toilet Partition Pilasters <small>(10165-0032)</small>		
10165-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	75.23	9.66
	10MOD-0025	For 1-1/4" Pilaster, Add	4.61	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	55.91	
10165-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	86.86	11.27
	10MOD-0025	For 1-1/4" Pilaster, Add	5.31	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	64.31	
10165-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	90.07	12.88
	10MOD-0025	For 1-1/4" Pilaster, Add	5.31	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	64.31	
10165-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	99.59	14.49
	10MOD-0025	For 1-1/4" Pilaster, Add	5.83	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	70.61	
10165-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	104.65	16.10
	10MOD-0025	For 1-1/4" Pilaster, Add	5.98	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	72.44	
10165-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	113.90	17.71
	10MOD-0025	For 1-1/4" Pilaster, Add	6.47	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	78.48	
10165-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	142.84	19.32
	10MOD-0025	For 1-1/4" Pilaster, Add	8.60	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	104.20	
10165-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	171.27	20.93
	10MOD-0025	For 1-1/4" Pilaster, Add	10.68	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0158	For Steel Core Pilaster, Add	129.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10165-0062 EA 24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	191.54	22.55
10MOD-0025 For 1-1/4" Pilaster, Add	12.08	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	146.46	
10165-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters (10165-0032)		
10165-0064 EA Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	141.37	9.66
10MOD-0025 For 1-1/4" Pilaster, Add	10.07	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	122.05	
10165-0065 EA 5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	156.67	11.27
10MOD-0025 For 1-1/4" Pilaster, Add	11.06	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	134.12	
10165-0066 EA 6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	159.88	12.88
10MOD-0025 For 1-1/4" Pilaster, Add	11.06	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	134.12	
10165-0067 EA 8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	173.34	14.49
10MOD-0025 For 1-1/4" Pilaster, Add	11.91	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	144.36	
10165-0068 EA 10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	189.43	16.10
10MOD-0025 For 1-1/4" Pilaster, Add	12.97	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	157.22	
10165-0069 EA 12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	202.62	17.71
10MOD-0025 For 1-1/4" Pilaster, Add	13.79	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	167.20	
10165-0070 EA 18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	250.33	19.32
10MOD-0025 For 1-1/4" Pilaster, Add	17.46	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	211.69	
10165-0071 EA 22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	284.40	20.93
10MOD-0025 For 1-1/4" Pilaster, Add	20.01	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	242.53	
10165-0072 EA 24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	292.59	22.55
10MOD-0025 For 1-1/4" Pilaster, Add	20.42	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0158 For Steel Core Pilaster, Add	247.51	

10170 Solid Plastic Toilet Partitions And Urinal Screens (10150)

10170-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens (10170)

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10170-0002 Recycled Solid Plastic (HDPE) Toilet Partitions (10170-0001)

Note: Includes all standard Columbia Partitions colors.

10170-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions

(10170-0002)

Note: Includes headrail.

10170-0004 EA 36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,066.53	88.55
10MOD-0151 For > 10, Deduct	-88.94	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10MOD-0160 For NFPA Class A, Add	551.45	
10170-0005 EA 60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,313.66	95.00
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10MOD-0160 For NFPA Class A, Add	696.68	
10170-0006 EA 60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,456.06	98.21
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10MOD-0160 For NFPA Class A, Add	780.97	

10170-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10170-0002)

Note: Excludes above ceiling steel.

10170-0008 EA 36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	1,065.04	104.65
10MOD-0152 For > 10, Deduct	-85.57	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10MOD-0160 For NFPA Class A, Add	530.55	

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0009	EA		60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,333.94	111.10
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160		For NFPA Class A, Add	689.28	
10170-0010	EA		60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,476.33	114.31
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160		For NFPA Class A, Add	773.57	
10170-0011			Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10170-0002)</small>		
			Note: Excludes above ceiling steel.		
10170-0012	EA		36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,116.66	120.76
	10MOD-0153		For > 10, Deduct	-87.51	
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160		For NFPA Class A, Add	542.59	
10170-0013	EA		60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,325.65	127.20
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160		For NFPA Class A, Add	664.18	
10170-0014	EA		60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,468.06	130.42
	10MOD-0154		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160		For NFPA Class A, Add	748.48	
10170-0015			Recycled Solid Plastic (HDPE) Urinal Screens <small>(10170-0001)</small>		
			Note: Includes all standard Columbia Partitions colors.		
10170-0016			Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10170-0015)</small>		
10170-0017	EA		18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	247.63	38.62
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	105.64	
10170-0018	EA		24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	260.79	41.85
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	109.80	
10170-0019			Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10170-0015)</small>		
10170-0020	EA		18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	315.28	41.85
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	143.59	
10170-0021	EA		24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	398.91	45.06
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	191.45	
10170-0022	EA		30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	443.37	48.28
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	215.02	
10170-0023			Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10170-0015)</small>		
10170-0024	EA		24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	321.72	45.06
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	143.59	
10170-0025	EA		36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	405.35	48.28
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	191.45	
10170-0026	EA		48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	481.32	51.50
	10MOD-0156		For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160		For NFPA Class A, Add	234.56	
10170-0027			Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10170- 0001)</small>		
			Note: Includes all standard Columbia Partitions colors. See CSI section 10186-0000 for other accessories.		
10170-0028			Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10170-0027)</small>		
10170-0029	EA		24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	254.69	12.88
	10MOD-0155		For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160		For NFPA Class A, Add	141.94	
10170-0030	EA		26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	275.53	12.88
	10MOD-0155		For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160		For NFPA Class A, Add	154.86	
10170-0031	EA		30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	299.43	14.49
	10MOD-0155		For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160		For NFPA Class A, Add	167.68	
10170-0032	EA		34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	341.59	14.49
	10MOD-0155		For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160		For NFPA Class A, Add	193.82	
10170-0033	EA		36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	351.57	14.49
	10MOD-0155		For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160		For NFPA Class A, Add	200.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10170-0027)</small>		
10170-0035 EA 6" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	89.38	19.32
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	31.46	
10170-0036 EA 12" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	143.36	20.93
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	62.92	
10170-0037 EA 18" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	197.30	22.55
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	94.38	
10170-0038 EA 24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	230.45	24.15
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	112.93	
10170-0039 EA 30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	279.22	25.76
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	141.17	
10170-0040 EA 36" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	298.36	27.38
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	151.04	
10170-0041 EA 42" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	335.04	28.98
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	171.79	
10170-0042 EA 48" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	377.85	30.59
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	196.33	
10170-0043 EA 55" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	412.75	32.21
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	215.98	
10170-0044 EA 58" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	421.72	32.84
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	220.74	
10170-0045 EA 60" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	435.92	33.81
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	228.35	
10170-0046 EA 70" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	492.88	35.42
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	261.66	
10170-0047 EA 78" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	531.26	37.04
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	283.46	
10170-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10170-0027)</small>		
10170-0049 EA Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	117.07	9.66
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	60.61	
10170-0050 EA 5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	130.10	11.27
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	66.68	
10170-0051 EA 6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	141.39	12.88
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	71.69	
10170-0052 EA 8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	151.84	14.49
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	76.17	
10170-0053 EA 10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	170.50	16.10
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	85.74	
10170-0054 EA 12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	189.13	17.71
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	95.30	
10170-0055 EA 18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	260.06	19.32
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	137.28	
10170-0056 EA 22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	294.08	20.93
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	156.37	
10170-0057 EA 24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	320.21	22.55
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	170.58	
10170-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10170-0027)</small>		
10170-0059 EA Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	142.83	12.88
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	72.58	
10170-0060 EA 5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	157.20	14.49
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	79.50	
10170-0061 EA 6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	173.14	16.10
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10MOD-0160 For NFPA Class A, Add	87.38	

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	196.22	17.71
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	99.70	
10170-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	219.52	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	112.15	
10170-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	242.62	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	124.47	
10170-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	311.31	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	165.06	
10170-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	348.42	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	186.07	
10170-0067	EA	24" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	378.93	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	202.99	
10170-0068		Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens <small>(10170)</small>		
		Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10170-0069		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions <small>(10170-0068)</small>		
		Note: Includes all standard Columbia Partitions colors.		
10170-0070		Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10170-0069)</small>		
		Note: Includes headrail.		
10170-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,377.83	88.55
	10MOD-0151	For > 10, Deduct	-120.07	
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	744.45	
10170-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,706.96	95.00
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	940.52	
10170-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,896.94	98.21
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	1,054.32	
10170-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10170-0069)</small>		
		Note: Excludes above ceiling steel.		
10170-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,364.55	104.65
	10MOD-0152	For > 10, Deduct	-115.52	
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	716.25	
10170-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,723.04	111.10
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	930.52	
10170-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,913.02	114.31
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	1,044.32	
10170-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10170-0069)</small>		
		Note: Excludes above ceiling steel.		
10170-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,422.96	120.76
	10MOD-0153	For > 10, Deduct	-118.14	
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	732.49	
10170-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,700.58	127.20
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	896.64	
10170-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,890.58	130.42
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0160	For NFPA Class A, Add	1,010.44	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0082	Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens <small>(10170-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10170-0083	Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10170-0082)</small>		
10170-0084	EA 18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 307.26	307.26	38.62
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	142.61	
10170-0085	EA 24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 320.59	320.59	41.85
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	146.88	
10170-0086	Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10170-0082)</small>		
10170-0087	EA 18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 500.55	500.55	41.85
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	258.46	
10170-0088	EA 24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 569.69	569.69	45.06
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	297.33	
10170-0089	EA 30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 607.31	607.31	48.28
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	316.67	
10170-0090	Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10170-0082)</small>		
10170-0091	EA 24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 402.77	402.77	45.06
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	193.84	
10170-0092	EA 36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 513.43	513.43	48.28
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	258.46	
10170-0093	EA 48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen 613.74	613.74	51.50
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	316.67	
10170-0094	Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10170-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10170-0095	Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10170-0094)</small>		
10170-0096	EA 24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door 334.82	334.82	12.88
	10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160 For NFPA Class A, Add	191.62	
10170-0097	EA 26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door 362.95	362.95	12.88
	10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160 For NFPA Class A, Add	209.06	
10170-0098	EA 30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door 394.08	394.08	14.49
	10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160 For NFPA Class A, Add	226.36	
10170-0099	EA 34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door 451.01	451.01	14.49
	10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160 For NFPA Class A, Add	261.66	
10170-0100	EA 36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door 464.47	464.47	14.49
	10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0160 For NFPA Class A, Add	270.00	
10170-0101	Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10170-0094)</small>		
10170-0102	EA 6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 107.14	107.14	19.32
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	42.47	
10170-0103	EA 12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 178.87	178.87	20.93
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	84.94	
10170-0104	EA 18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 250.58	250.58	22.55
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	127.41	
10170-0105	EA 24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 294.19	294.19	24.15
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	152.45	
10170-0106	EA 30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 358.90	358.90	25.76
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	190.57	
10170-0107	EA 36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 383.62	383.62	27.38
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	203.91	
10170-0108	EA 42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel 432.02	432.02	28.98
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160 For NFPA Class A, Add	231.92	

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0109	EA	48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	488.68	30.59
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	265.04	
10170-0110	EA	55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	534.67	32.21
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	291.57	
10170-0111	EA	58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	546.32	32.84
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	297.99	
10170-0112	EA	60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	564.82	33.81
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	308.26	
10170-0113	EA	70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	640.59	35.42
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	353.24	
10170-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel.....	691.28	37.04
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	382.68	
10170-0115		82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters		
		<small>(10170-0094)</small>		
10170-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	151.28	9.66
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	81.82	
10170-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	167.74	11.27
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	90.02	
10170-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	181.86	12.88
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	96.78	
10170-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	209.92	14.49
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	112.18	
10170-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	235.89	16.10
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	126.28	
10170-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	261.80	17.71
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	140.36	
10170-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	337.55	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	185.32	
10170-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	382.35	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	211.10	
10170-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	416.51	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	230.29	
10170-0125		96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters		
		<small>(10170-0094)</small>		
10170-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	183.81	12.88
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	97.99	
10170-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	202.08	14.49
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	107.32	
10170-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	222.48	16.10
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	117.97	
10170-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	252.50	17.71
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	134.59	
10170-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	282.84	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	151.40	
10170-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	312.88	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	168.03	
10170-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	404.50	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	222.84	
10170-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	453.46	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	251.20	
10170-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster.....	493.52	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0160	For NFPA Class A, Add	274.03	
10170-0135		Solid Phenolic Toilet Partitions And Urinal Screens <small>(10170)</small>		
		Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
<p>use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.</p>			
10170-0136	Solid Phenolic Toilet Partitions <small>(10170-0135)</small>		
Note: Includes all standard Bobrick colors.			
10170-0137	Floor Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10170-0136)</small>		
10170-0138	EA 36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	806.08	72.46
	10MOD-0026 For > 10, Deduct	-66.12	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	146.09	
10170-0139	EA 60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	983.79	78.89
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	181.35	
10170-0140	EA 60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,094.70	82.12
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	203.61	
10170-0141	Overhead Braced, Solid Phenolic, Complete Toilet Partitions <small>(10170-0136)</small>		
Note: Includes headrail.			
10170-0142	EA 36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	900.09	88.55
	10MOD-0027 For > 10, Deduct	-72.30	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	160.68	
10170-0143	EA 60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,084.70	95.00
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	197.39	
10170-0144	EA 60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,200.87	98.21
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	220.75	
10170-0145	Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10170-0136)</small>		
Note: Excludes above ceiling steel.			
10170-0146	EA 36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	937.94	104.65
	10MOD-0028 For > 10, Deduct	-72.86	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	163.48	
10170-0147	EA 60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,121.28	111.10
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	199.92	
10170-0148	EA 60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,232.18	114.31
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	222.18	
10170-0149	Ceiling Hung, Solid Phenolic, Complete Toilet Partitions <small>(10170-0136)</small>		
Note: Excludes above ceiling steel.			
10170-0150	EA 36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	936.43	120.76
	10MOD-0029 For > 10, Deduct	-69.49	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	158.01	
10170-0151	EA 60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,114.01	127.20
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	193.24	
10170-0152	EA 60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,224.92	130.42
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
	10MOD-0159 For NFPA Class A, Add	215.50	
10170-0153	Solid Phenolic Urinal Screens <small>(10170-0153)</small>		
Note: Includes all standard Bobrick colors.			
10170-0154	Floor Anchored, Solid Phenolic, Urinal Screens <small>(10170-0153)</small>		
10170-0155	EA 24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	305.61	45.06
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	49.76	
10170-0156	EA 36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	343.81	48.28
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	56.75	
10170-0157	EA 48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	408.25	51.50
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	69.25	
10170-0158	Wall Hung, Solid Phenolic, Urinal Screens <small>(10170-0153)</small>		

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	201.66	38.62
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	29.99	
10170-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	231.72	41.85
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	35.27	
10170-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	275.20	45.06
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	43.37	
10170-0162		Wall Hung And Post Supported, Solid Phenolic, Urinal Screens (10170-0153)		
10170-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	206.48	41.85
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	29.97	
10170-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	253.84	45.06
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	38.89	
10170-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	293.94	48.28
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	46.28	
10170-0166		Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens (10170-0153)		
10170-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen.....	311.59	41.85
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	52.05	
10170-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen.....	350.01	45.06
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	59.08	
10170-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen.....	415.65	48.28
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	71.84	
10170-0170		Solid Phenolic Toilet Partition Doors, Panels And Pilasters (10170-0135)		
		Note: Includes all standard Bobrick colors. See CSI section 10186-0000 for other accessories.		
10170-0171		Solid Phenolic, Toilet Partition Doors (10170-0170)		
10170-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door.....	214.22	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0159	For NFPA Class A, Add	40.86	
10170-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door.....	221.30	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0159	For NFPA Class A, Add	42.35	
10170-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door.....	242.71	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0159	For NFPA Class A, Add	46.33	
10170-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door.....	261.19	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0159	For NFPA Class A, Add	50.21	
10170-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door.....	280.17	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
	10MOD-0159	For NFPA Class A, Add	54.20	
10170-0177		Solid Phenolic, Toilet Partition Panels (10170-0170)		
10170-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	77.92	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	10.18	
10170-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	100.77	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	14.46	
10170-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	133.42	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	20.81	
10170-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	166.41	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	27.22	
10170-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	184.83	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	30.57	
10170-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	204.09	27.38
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	34.10	
10170-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	236.24	28.98
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	40.34	
10170-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	269.33	30.59
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	46.77	
10170-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	286.98	32.21
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	49.96	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0187	EA 58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	294.83	32.84
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	51.40	
10170-0188	EA 60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	300.70	33.81
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	52.33	
10170-0189	EA 70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	343.82	35.42
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	60.87	
10170-0190	EA 78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel.....	411.60	37.04
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	74.59	
10170-0191	69" Long, Solid Phenolic, Toilet Partition Pilasters (10170-0170)		
10170-0192	EA Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	104.10	9.66
	10MOD-0030 For 1" Pilaster, Add	10.60	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	18.77	
10170-0193	EA 5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	119.93	11.27
	10MOD-0030 For 1" Pilaster, Add	12.17	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	21.58	
10170-0194	EA 6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	123.14	12.88
	10MOD-0030 For 1" Pilaster, Add	12.17	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	21.74	
10170-0195	EA 8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	142.37	14.49
	10MOD-0030 For 1" Pilaster, Add	14.17	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	25.26	
10170-0196	EA 10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	160.04	16.10
	10MOD-0030 For 1" Pilaster, Add	15.98	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	28.45	
10170-0197	EA 12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	177.68	17.71
	10MOD-0030 For 1" Pilaster, Add	17.78	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	31.65	
10170-0198	EA 16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	225.26	19.32
	10MOD-0030 For 1" Pilaster, Add	23.33	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	41.12	
10170-0199	EA 20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	274.95	20.93
	10MOD-0030 For 1" Pilaster, Add	29.14	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	51.04	
10170-0200	EA 24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	289.18	22.55
	10MOD-0030 For 1" Pilaster, Add	30.51	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	53.52	
10170-0201	83" Long, Solid Phenolic, Toilet Partition Pilasters (10170-0170)		
10170-0202	EA Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	113.55	9.66
	10MOD-0030 For 1" Pilaster, Add	11.78	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	20.75	
10170-0203	EA 5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	133.05	11.27
	10MOD-0030 For 1" Pilaster, Add	13.81	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	24.33	
10170-0204	EA 6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	136.26	12.88
	10MOD-0030 For 1" Pilaster, Add	13.81	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	24.49	
10170-0205	EA 8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	157.59	14.49
	10MOD-0030 For 1" Pilaster, Add	16.08	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	28.46	
10170-0206	EA 10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	177.88	16.10
	10MOD-0030 For 1" Pilaster, Add	18.21	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	32.20	
10170-0207	EA 12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	198.29	17.71
	10MOD-0030 For 1" Pilaster, Add	20.36	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	35.97	
10170-0208	EA 16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	255.97	19.32
	10MOD-0030 For 1" Pilaster, Add	27.17	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159 For NFPA Class A, Add	47.57	

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	303.69	20.93
	10MOD-0030	For 1" Pilaster, Add	32.73	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	57.08	
10170-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	319.77	22.55
	10MOD-0030	For 1" Pilaster, Add	34.34	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	59.94	
10170-0211		96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters <small>(10170-0170)</small>		
10170-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	129.44	12.88
	10MOD-0030	For 1" Pilaster, Add	12.96	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	23.06	
10170-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	152.61	14.49
	10MOD-0030	For 1" Pilaster, Add	15.45	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	27.41	
10170-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	155.84	16.10
	10MOD-0030	For 1" Pilaster, Add	15.45	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	27.57	
10170-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	179.26	17.71
	10MOD-0030	For 1" Pilaster, Add	17.98	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	31.98	
10170-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	202.16	19.32
	10MOD-0030	For 1" Pilaster, Add	20.44	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	36.27	
10170-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	225.34	20.93
	10MOD-0030	For 1" Pilaster, Add	22.93	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	40.62	
10170-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	293.12	22.55
	10MOD-0030	For 1" Pilaster, Add	31.01	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	54.34	
10170-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	338.86	24.15
	10MOD-0030	For 1" Pilaster, Add	36.32	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	63.43	
10170-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	356.79	25.76
	10MOD-0030	For 1" Pilaster, Add	38.16	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
	10MOD-0159	For NFPA Class A, Add	66.68	
10170-0221		Solid Color Reinforced Composite Toilet Partitions And Urinal Screens <small>(10170)</small>		
		Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.		
10170-0222		Solid Color Reinforced Composite Toilet Partitions <small>(10170-0221)</small>		
		Note: Includes all standard Bobrick colors.		
10170-0223		Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10170-0222)</small>		
10170-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	885.43	72.46
	10MOD-0026	For > 10, Deduct	-74.05	
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,082.91	78.89
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,206.36	82.12
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0227		Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10170-0222)</small>		
		Note: Includes headrail.		
10170-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	986.85	88.55
	10MOD-0027	For > 10, Deduct	-80.97	
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,192.07	95.00
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,321.40	98.21
	10MOD-0154	For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	



Specialties 10000	10
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Solid Plastic Toilet Partitions And Urinal Screens 10170	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10170-0222)</small>		
Note: Excludes above ceiling steel.		
10170-0232 EA 36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,025.38	104.65
10MOD-0028 For > 10, Deduct	-81.61	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0233 EA 60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,229.17	111.10
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0234 EA 60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,352.60	114.31
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10170-0222)</small>		
Note: Excludes above ceiling steel.		
10170-0236 EA 36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,019.82	120.76
10MOD-0029 For > 10, Deduct	-77.83	
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0237 EA 60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,217.16	127.20
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0238 EA 60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,340.61	130.42
10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0239 Solid Color Reinforced Composite Urinal Screens <small>(10170-0221)</small>		
Note: Includes all standard Bobrick colors.		
10170-0240 Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10170-0239)</small>		
10170-0241 EA 24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	331.47	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0242 EA 36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	373.48	48.28
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0243 EA 48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	444.88	51.50
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10170-0239)</small>		
10170-0245 EA 18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	216.59	38.62
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0246 EA 24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	249.48	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0247 EA 30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	297.41	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10170-0239)</small>		
10170-0249 EA 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	221.21	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0250 EA 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	273.49	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0251 EA 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	317.63	48.28
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10170-0239)</small>		
10170-0253 EA 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	338.94	41.85
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0254 EA 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	381.20	45.06
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0255 EA 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	453.94	48.28
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters <small>(10170-0221)</small>		
Note: Includes all standard Bobrick colors. See CSI section 10186-0001 for other accessories.		
10170-0257 Solid Color Reinforced Composite, Toilet Partition Doors <small>(10170-0256)</small>		

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	236.83	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	244.77	12.88
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	268.36	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	289.05	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	310.31	14.49
	10MOD-0155	For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0263		Solid Color Reinforced Composite, Toilet Partition Panels (10170-0256)		
10170-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	82.63	19.32
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	107.84	20.93
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	144.02	22.55
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	180.59	24.15
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	200.82	25.76
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	222.01	27.38
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	257.64	28.98
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	294.31	30.59
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	313.69	32.21
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	322.33	32.84
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	328.67	33.81
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	376.58	35.42
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	452.11	37.04
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0277		69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters (10170-0256)		
10170-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	114.27	9.66
	10MOD-0030	For 1" Pilaster, Add	11.87	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	131.61	11.27
	10MOD-0030	For 1" Pilaster, Add	13.63	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	134.82	12.88
	10MOD-0030	For 1" Pilaster, Add	13.63	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	155.98	14.49
	10MOD-0030	For 1" Pilaster, Add	15.88	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	175.37	16.10
	10MOD-0030	For 1" Pilaster, Add	17.90	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	194.75	17.71
	10MOD-0030	For 1" Pilaster, Add	19.92	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	247.65	19.32
	10MOD-0030	For 1" Pilaster, Add	26.13	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	302.92	20.93
	10MOD-0030	For 1" Pilaster, Add	32.63	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	318.47	22.55
	10MOD-0030	For 1" Pilaster, Add	34.17	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0287		83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters (10170-0256)		
10170-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	124.86	9.66
	10MOD-0030	For 1" Pilaster, Add	13.19	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	146.31	11.27
	10MOD-0030	For 1" Pilaster, Add	15.47	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	149.52	12.88
	10MOD-0030	For 1" Pilaster, Add	15.47	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	173.03	14.49
	10MOD-0030	For 1" Pilaster, Add	18.01	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	22.84	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0292	EA 10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	195.36	16.10
	10MOD-0030 For 1" Pilaster, Add	20.39	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0293	EA 12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	217.84	17.71
	10MOD-0030 For 1" Pilaster, Add	22.80	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0294	EA 16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	282.05	19.32
	10MOD-0030 For 1" Pilaster, Add	30.43	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0295	EA 20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	335.11	20.93
	10MOD-0030 For 1" Pilaster, Add	36.66	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0296	EA 24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	352.73	22.55
	10MOD-0030 For 1" Pilaster, Add	38.46	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0297	96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters		
	<small>(10170-0296)</small>		
10170-0298	EA Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster.....	141.88	12.88
	10MOD-0030 For 1" Pilaster, Add	14.52	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0299	EA 5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	167.44	14.49
	10MOD-0030 For 1" Pilaster, Add	17.31	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0300	EA 6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	170.67	16.10
	10MOD-0030 For 1" Pilaster, Add	17.31	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0301	EA 8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	196.52	17.71
	10MOD-0030 For 1" Pilaster, Add	20.14	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0302	EA 10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	221.78	19.32
	10MOD-0030 For 1" Pilaster, Add	22.89	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0303	EA 12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	247.36	20.93
	10MOD-0030 For 1" Pilaster, Add	25.69	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0304	EA 16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	322.88	22.55
	10MOD-0030 For 1" Pilaster, Add	34.73	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0305	EA 20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	373.73	24.15
	10MOD-0030 For 1" Pilaster, Add	40.68	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0306	EA 24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	393.42	25.76
	10MOD-0030 For 1" Pilaster, Add	42.74	
	10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0307	Solid Polyester (Corian) Toilet Partitions And Urinal Screens <small>(10170)</small>		
	Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10170-0308	Solid Polyester (Corian) Toilet Partitions <small>(10170-0307)</small>		
	Note: Small particulate finish.		
10170-0309	Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10170-0308)</small>		
10170-0310	EA 36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,526.16	72.46
	10MOD-0031 For > 10, Deduct	-238.13	
	10MOD-0035 For Solid Color Material (No Particulate), Deduct	-547.69	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0311	EA 60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,051.09	78.89
	10MOD-0035 For Solid Color Material (No Particulate), Deduct	-665.46	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0312	EA 60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,383.80	82.12
	10MOD-0035 For Solid Color Material (No Particulate), Deduct	-740.50	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0313	Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions <small>(10170-0308)</small>		
10170-0314	EA 36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,623.21	88.55
	10MOD-0032 For > 10, Deduct	-244.61	
	10MOD-0035 For Solid Color Material (No Particulate), Deduct	-562.61	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0315	EA 60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,447.29	95.00
	10MOD-0035 For Solid Color Material (No Particulate), Deduct	-749.18	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	
10170-0316	EA 60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,816.52	98.21
	10MOD-0035 For Solid Color Material (No Particulate), Deduct	-832.62	
	10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add	82.42	

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0317		Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10170-0308)</small> Note: Excludes above ceiling steel.		
10170-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,938.35	104.65
		10MOD-0033 For > 10, Deduct.....	-272.90	
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-627.68	
		10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add.....	82.42	
10170-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,947.63	111.10
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-856.85	
		10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add.....	82.42	
10170-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,316.56	114.31
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-940.22	
		10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add.....	82.42	
10170-0321		Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions <small>(10170-0308)</small> Note: Excludes above ceiling steel.		
10170-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,967.05	120.76
		10MOD-0034 For > 10, Deduct.....	-272.55	
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-626.87	
		10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add.....	82.42	
10170-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,791.42	127.20
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-813.51	
		10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add.....	82.42	
10170-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,160.36	130.42
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-896.89	
		10MOD-0154 For Heavy Gauge Full-Height SS Hinges And Brackets, Add.....	82.42	
10170-0325		Solid Polyester (Corian) Urinal Screens <small>(10170-0307)</small>		
10170-0326		Floor Anchored, Solid Polyester (Corian), Urinal Screens <small>(10170-0325)</small>		
10170-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	695.82	45.06
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-139.31	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	919.77	48.28
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-189.34	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	1,143.71	51.50
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-239.37	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0330		Wall Hung, Solid Polyester (Corian), Urinal Screens <small>(10170-0325)</small>		
10170-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	355.44	38.62
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-63.99	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	454.61	41.85
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-85.31	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	553.78	45.06
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-106.64	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0334		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens <small>(10170-0325)</small>		
10170-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	465.28	41.85
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-87.77	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	580.48	45.06
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-112.78	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	695.67	48.28
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-137.80	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0338		Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens <small>(10170-0325)</small>		
10170-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen.....	713.08	41.85
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-144.76	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen.....	937.03	45.06
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-194.79	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	
10170-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen.....	1,160.98	48.28
		10MOD-0035 For Solid Color Material (No Particulate), Deduct.....	-244.82	
		10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add.....	22.84	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0342 Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters <small>(10170-0307)</small> See CSI section 10186-0000 for other accessories.		
10170-0343 Solid Polyester (Corian), Toilet Partition Doors <small>(10170-0342)</small>		
10170-0344 EA 24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door.....	551.40	12.88
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-120.90	
10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0345 EA 26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door.....	588.97	12.88
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-129.54	
10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0346 EA 30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door.....	671.64	14.49
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-147.81	
10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0347 EA 34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door.....	749.17	14.49
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-165.64	
10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0348 EA 36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door.....	782.90	14.49
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-173.40	
10MOD-0155 For Heavy Gauge Full-Height SS Hinge, Add	36.75	
10170-0349 Solid Polyester (Corian), Toilet Partition Panels <small>(10170-0342)</small>		
10170-0350 EA 6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	147.39	19.32
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-25.01	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0351 EA 12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	259.38	20.93
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-50.03	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0352 EA 18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	371.34	22.55
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-75.04	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0353 EA 24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	483.32	24.15
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-100.05	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0354 EA 30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	595.30	25.76
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-125.07	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0355 EA 36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	707.25	27.38
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-150.08	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0356 EA 42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	819.24	28.98
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-175.09	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0357 EA 48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	931.21	30.59
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-200.10	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0358 EA 55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,061.30	32.21
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-229.29	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0359 EA 58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,116.98	32.84
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-241.80	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0360 EA 60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,155.15	33.81
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-250.13	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0361 EA 70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,339.63	35.42
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-291.82	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0362 EA 78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,487.85	37.04
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-325.17	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0363 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters <small>(10170-0342)</small>		
10170-0364 EA Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	190.00	9.66
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-39.26	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0365 EA 5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	235.90	11.27
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-49.07	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0366 EA 6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	281.78	12.88
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-58.88	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0367 EA 8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	370.36	14.49
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-78.52	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0368 EA 10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	458.93	16.10
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-98.15	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	
10170-0369 EA 12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	547.48	17.71
10MOD-0035 For Solid Color Material (No Particulate), Deduct	-117.77	
10MOD-0156 For Heavy Gauge Full-Height SS Brackets, Add	22.84	

10000 Specialties**10150 Compartments And Cubicles****10170 Solid Plastic Toilet Partitions And Urinal Screens**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10170-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	806.72	19.32
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-176.66	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	980.64	20.93
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-215.92	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	1,069.20	22.55
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-235.55	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0373		82" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10170-0342)			
10170-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	213.71	9.66
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-44.71	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	265.55	11.27
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-55.89	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	311.79	12.88
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-65.79	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	425.18	14.49
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-91.13	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	518.19	16.10
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-111.78	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	618.59	17.71
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-134.13	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	913.40	19.32
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-201.19	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	1,111.03	20.93
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-245.91	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	1,211.43	22.55
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-268.26	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0383		96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10170-0342)			
10170-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	281.78	12.88
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-58.88	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	349.01	14.49
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-73.61	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	416.26	16.10
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-88.33	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	547.48	17.71
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-117.77	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	678.71	19.32
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-147.22	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	809.95	20.93
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-176.66	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	1,197.21	22.55
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-264.99	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	1,456.46	24.15
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-323.88	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10170-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	.....	1,587.70	25.76
	10MOD-0035	For Solid Color Material (No Particulate), Deduct	.....	-353.32	
	10MOD-0156	For Heavy Gauge Full-Height SS Brackets, Add	.....	22.84	
10185 Shower And Dressing Compartments (10150)					
10185-0001		Shower Dividers (10185)			
10185-0002		Solid Phenolic Core Laminated Plastic, Shower Dividers (10185-0001)			
		Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.			
10185-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	.....	572.18	80.51
	10MOD-0036	For 66" High Panels, Add	.....	61.68	
10185-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	.....	722.13	86.95
	10MOD-0036	For 66" High Panels, Add	.....	82.23	
10185-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	.....	937.24	96.61
	10MOD-0036	For 66" High Panels, Add	.....	111.60	
10185-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	.....	1,106.49	112.70
	10MOD-0036	For 66" High Panels, Add	132.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10185-0007	EA 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,275.75		128.80
	10MOD-0036 For 66" High Panels, Add	152.72		

10185-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track (10185-0001)

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10185-0009	EA 18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,392.47		141.50
	10MOD-0037 For 66" High Panels, Add	194.72		
	10MOD-0038 For 6" Wide Head Rail, Add	36.11		
	10MOD-0039 For 8" Wide Head Rail, Add	50.04		
	10MOD-0040 For 10" Wide Head rail, Add	61.13		
	10MOD-0041 For 12" Wide Head Rail, Add	73.64		
	10MOD-0042 For 18" Wide, 1/2" Thick Bench, Add	113.30		
	10MOD-0043 For 24" Wide, 1/2" Thick Bench, Add	153.30		
10185-0010	EA 24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,723.09		154.51
	10MOD-0037 For 66" High Panels, Add	243.01		
	10MOD-0038 For 6" Wide Head Rail, Add	45.51		
	10MOD-0039 For 8" Wide Head Rail, Add	62.74		
	10MOD-0040 For 10" Wide Head rail, Add	76.88		
	10MOD-0041 For 12" Wide Head Rail, Add	92.57		
	10MOD-0042 For 18" Wide, 1/2" Thick Bench, Add	115.90		
	10MOD-0043 For 24" Wide, 1/2" Thick Bench, Add	155.90		
10185-0011	EA 36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,177.75		164.30
	10MOD-0037 For 66" High Panels, Add	310.23		
	10MOD-0038 For 6" Wide Head Rail, Add	58.76		
	10MOD-0039 For 8" Wide Head Rail, Add	80.54		
	10MOD-0040 For 10" Wide Head rail, Add	99.03		
	10MOD-0041 For 12" Wide Head Rail, Add	119.16		
	10MOD-0042 For 18" Wide, 1/2" Thick Bench, Add	117.86		
	10MOD-0043 For 24" Wide, 1/2" Thick Bench, Add	157.86		
10185-0012	EA 48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,325.55		183.81
	10MOD-0037 For 66" High Panels, Add	330.45		
	10MOD-0038 For 6" Wide Head Rail, Add	62.41		
	10MOD-0039 For 8" Wide Head Rail, Add	85.67		
	10MOD-0040 For 10" Wide Head rail, Add	105.25		
	10MOD-0041 For 12" Wide Head Rail, Add	126.67		
	10MOD-0042 For 18" Wide, 1/2" Thick Bench, Add	121.76		
	10MOD-0043 For 24" Wide, 1/2" Thick Bench, Add	161.76		
10185-0013	EA 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,662.02		199.78
	10MOD-0037 For 66" High Panels, Add	379.33		
	10MOD-0038 For 6" Wide Head Rail, Add	71.87		
	10MOD-0039 For 8" Wide Head Rail, Add	98.49		
	10MOD-0040 For 10" Wide Head rail, Add	121.12		
	10MOD-0041 For 12" Wide Head Rail, Add	145.74		
	10MOD-0042 For 18" Wide, 1/2" Thick Bench, Add	124.95		
	10MOD-0043 For 24" Wide, 1/2" Thick Bench, Add	164.95		

10186 Compartments And Cubicles Common Accessories (10186)

10186-0001 Accessories (10186)

10186-0002	LF Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens.....	7.57		1.29
10186-0003	LF Stainless Steel Headrails For Toilet Partitions And Urinal Screens	11.69		1.29
10186-0004	EA Replacement 1-1/2" x 58" Stainless Steel Wall Posts.....	71.64		
10186-0005	EA Replacement 58" Aluminum Wall U Bracket.....	39.72		
10186-0006	EA Replacement 58" Aluminum Wall Two Ear Bracket	66.11		
10186-0007	EA Replacement 54" Stainless Steel Wall U Bracket	54.72		
10186-0008	EA Replacement 54" Stainless Steel Wall Two Ear Bracket	134.11		
10186-0009	EA Replacement 54" Plastic Wall Two Ear Bracket, All Colors	91.53		
10186-0010	EA Replacement 57-1/2" Stainless Steel Hinge	88.19		

10200 Louvers And Vents (10000)

10210 Wall Louvers (10200)

10210-0001 Fixed Type Louvers (10210)

Note: With painted steel frames

10210-0002	SF Fixed Ornamental Louver, 4-10 SF Including Frame, Painted Steel.....	65.60		4.52
	10MOD-0045 For Galvanized Steel, Add	5.08		
	10MOD-0046 For Aluminum, Add	6.09		
	10MOD-0047 For Bronze, Add	7.64		
	10MOD-0048 For Stainless Steel, Add	13.73		
10210-0003	SF Fixed Ornamental Louver, >10 SF Including Frame, Painted Steel	49.72		4.52
	10MOD-0045 For Galvanized Steel, Add	3.32		
	10MOD-0046 For Aluminum, Add	3.98		
	10MOD-0047 For Bronze, Add	4.99		
	10MOD-0048 For Stainless Steel, Add	8.97		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10210-0004		Manual Operable Type Louvers ⁽¹⁰²¹⁰⁾		
		Note: With painted steel frames See CSI section 15910-0273 for actuator for motorized louver.		
10210-0005	SF	Manual Operable Ornamental Louver, 4-10 SF Including Frame, Painted	78.54	4.52
		10MOD-0044 For Fusible Link Type, Add	2.94	
		10MOD-0045 For Galvanized Steel, Add	6.52	
		10MOD-0046 For Aluminum, Add	7.81	
		10MOD-0047 For Bronze, Add	9.80	
		10MOD-0048 For Stainless Steel, Add	17.61	
10210-0006	SF	Manual Operable Ornamental Louver, >10 SF Including Frame, Painted	72.25	4.52
		10MOD-0044 For Fusible Link Type, Add	2.62	
		10MOD-0045 For Galvanized Steel, Add	5.82	
		10MOD-0046 For Aluminum, Add	6.97	
		10MOD-0047 For Bronze, Add	8.75	
		10MOD-0048 For Stainless Steel, Add	15.73	
10210-0007		Gable Louver Vents ⁽¹⁰²¹⁰⁾		
10210-0008		Aluminum Gable Louver Vents ⁽¹⁰²¹⁰⁻⁰⁰⁰⁷⁾		
		Note: Includes screen.		
10210-0009		Rectangular Aluminum Gable Louver Vents ⁽¹⁰²¹⁰⁻⁰⁰⁰⁸⁾		
		Note: Includes screen.		
10210-0010	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent.....	127.19	6.12
10210-0011	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	139.23	7.02
10210-0012	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	160.60	7.94
10210-0013	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	176.06	8.44
10210-0014	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	200.84	8.94
10210-0015	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	224.82	10.71
10210-0016	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	260.81	13.39
10210-0017	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	290.80	15.63
10210-0018	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	332.80	18.76
10210-0019	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent.....	416.76	25.00
10210-0020		Square Aluminum Gable Louver Vents ⁽¹⁰²¹⁰⁻⁰⁰⁰⁸⁾		
		Note: Includes screen.		
10210-0021	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent.....	116.43	5.64
10210-0022	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent.....	144.23	7.15
10210-0023	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent.....	180.71	8.44
10210-0024	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent.....	230.81	11.17
10210-0025	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent.....	296.80	16.08
10210-0026	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent.....	374.73	21.87
10210-0027	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent.....	464.76	28.58
10210-0028		Round Aluminum Gable Louver Vents ⁽¹⁰²¹⁰⁻⁰⁰⁰⁸⁾		
		Note: Includes screen.		
10210-0029	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent.....	116.43	5.64
10210-0030	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent.....	144.23	7.15
10210-0031	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent.....	180.71	8.44
10210-0032	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent.....	230.81	11.17
10210-0033	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent.....	296.80	16.08
10210-0034	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent.....	374.78	21.88
10210-0035		Octagonal Aluminum Gable Louver Vents ⁽¹⁰²¹⁰⁻⁰⁰⁰⁸⁾		
		Note: Includes screen.		
10210-0036	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	116.43	5.64
10210-0037	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	127.19	6.12
10210-0038	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	139.23	7.02
10210-0039	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	144.23	7.15
10210-0040	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	160.60	7.94
10210-0041	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	176.06	8.44
10210-0042	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	180.71	8.44
10210-0043	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	200.84	8.94
10210-0044	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	224.82	10.71
10210-0045	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	230.81	11.17
10210-0046	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	260.81	13.39
10210-0047	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	290.80	15.63
10210-0048	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	296.80	16.08
10210-0049	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	332.80	18.76
10210-0050	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	368.78	21.44
10210-0051	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	374.78	21.88
10210-0052	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	416.76	25.00
10210-0053	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	464.76	28.58
10210-0054		Round Top Aluminum Gable Louver Vents ⁽¹⁰²¹⁰⁻⁰⁰⁰⁸⁾		
		Note: Includes screen.		
10210-0055	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	116.43	5.64
10210-0056	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	127.19	6.12



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10210-0057	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	139.23	7.02
10210-0058	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	144.23	7.15
10210-0059	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	160.60	7.94
10210-0060	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	176.06	8.44
10210-0061	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	180.71	8.44
10210-0062	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	200.84	8.94
10210-0063	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	224.82	10.71
10210-0064	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	230.81	11.17
10210-0065	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	260.81	13.39
10210-0066	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	290.80	15.63
10210-0067	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	296.80	16.08
10210-0068	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	332.80	18.76
10210-0069	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	368.78	21.44
10210-0070	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	374.78	21.88
10210-0071	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	416.76	25.00
10210-0072	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	464.76	28.58

10210-0073 Triangle Aluminum Gable Louver Vents (10210-0068)

Note: Includes screen.

10210-0074	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	241.69	7.02
10210-0075	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	273.85	8.44
10210-0076	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	293.98	8.94
10210-0077	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	336.60	10.71
10210-0078	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	375.19	11.17
10210-0079	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	307.38	13.39
10210-0080	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	360.66	15.63
10210-0081	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	408.58	16.08
10210-0082	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	463.20	18.76
10210-0083	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	368.78	21.44
10210-0084	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	426.01	21.88
10210-0085	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	491.28	25.00
10210-0086	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	557.91	28.58
10210-0087	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent.....	626.59	32.85

10210-0088 Vinyl Gable Louver Vents (10210-0007)

Note: Includes screen.

10210-0089	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent.....	38.44	5.64
10210-0090	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent.....	46.36	6.12
10210-0091	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent.....	63.20	7.94
10210-0092	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent.....	86.30	8.94
10210-0093	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent.....	61.11	7.15
10210-0094	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent.....	70.64	8.44
10210-0095	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent.....	99.50	11.17
10210-0096	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent.....	145.40	16.08
10210-0097	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent.....	61.11	7.15
10210-0098	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent.....	69.16	7.94
10210-0099	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent.....	89.05	8.94
10210-0100	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent.....	126.54	13.39
10210-0101	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent.....	299.31	21.44
10210-0102	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent.....	59.89	7.02
10210-0103	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent.....	83.35	8.94
10210-0104	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent.....	86.57	10.71
10210-0105	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	197.08	13.39
10210-0106	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	197.08	13.39
10210-0107	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	197.08	13.39
10210-0108	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	197.08	13.39
10210-0109	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent.....	197.08	13.39
10210-0110	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent.....	221.22	21.44
10210-0111	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	221.22	21.44
10210-0112	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent.....	221.22	21.44
10210-0113	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	221.22	21.44

10230 Vents (10200)

10230-0001 Foundation Vents (10230)

10230-0002	SI	Galvanized Steel Foundation Vent	0.35	0.12
10230-0003	SI	Aluminum Foundation Vent.....	0.37	0.12
10230-0004	SI	Stainless Steel Foundation Vent.....	0.87	0.12
10230-0005	SI	Plastic Foundation Vent.....	0.27	0.12

10260 Wall And Corner Guards (10000)

10261 Corner Guards (10260)

10261-0001 Vinyl Corner Guards (10261)

10261-0002 Rigid Vinyl Corner Guards (10261-0001)

10000 Specialties**10260 Wall And Corner Guards****10261 Corner Guards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10261-0003		Surface Mounted, Rigid Vinyl Corner Guards <small>(10261-0002)</small>		
10261-0004		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards <small>(10261-0003)</small>		
10261-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	4.93	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.53	
10261-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	5.61	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.56	
10261-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	8.66	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.72	
10261-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	10.29	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.80	
10261-0009		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards <small>(10261-0003)</small>		
10261-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	9.72	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.77	
10261-0011		Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0001)</small>		
		Note: Includes closure caps.		
10261-0012		Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0011)</small>		
10261-0013		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0012)</small>		
10261-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	10.82	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.47	
		10MOD-0141 For Recycled Vinyl Retainer, Deduct	-1.20	
10261-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	12.82	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.57	
		10MOD-0141 For Recycled Vinyl Retainer, Deduct	-1.60	
10261-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	13.62	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.61	
		10MOD-0141 For Recycled Vinyl Retainer, Deduct	-1.76	
10261-0017		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0012)</small>		
10261-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	14.82	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.67	
		10MOD-0141 For Recycled Vinyl Retainer, Deduct	-2.00	
10261-0019		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0012)</small>		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10261-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	31.44	3.86
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.61	
		10MOD-0139 For > 100 To 200 LF, Deduct	-2.25	
		10MOD-0140 For > 200 LF, Deduct	-4.15	
		10MOD-0141 For Recycled Vinyl Retainer, Deduct	-5.00	
10261-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0011)</small>		
10261-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10261-0021)</small>		



Specialties 10000	10
Wall And Corner Guards 10260	
Corner Guards 10261	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10261-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	13.32	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.60	
		10MOD-0142 For Up To 2 HR Fire Rated, Add	5.94	
10261-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	15.70	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.72	
		10MOD-0142 For Up To 2 HR Fire Rated, Add	7.61	
10261-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	16.23	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.74	
		10MOD-0142 For Up To 2 HR Fire Rated, Add	7.98	
10261-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10261-0021)		
10261-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	18.31	2.89
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
		10MOD-0140 For > 200 LF, Deduct	-2.85	
		10MOD-0142 For Up To 2 HR Fire Rated, Add	9.44	
10261-0028		End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10261-0021)		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10261-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	39.44	3.86
		10MOD-0138 For > 50 To 100 LF, Deduct	-1.61	
		10MOD-0139 For > 100 To 200 LF, Deduct	-2.25	
		10MOD-0140 For > 200 LF, Deduct	-4.55	
		10MOD-0142 For Up To 2 HR Fire Rated, Add	23.10	
10261-0030		Flexible Vinyl Corner Guards (10261-0001)		
		Note: Includes adhesive for installation.		
10261-0031		Surface Mounted, Flexible Vinyl Corner Guards (10261-0030)		
10261-0032		90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards (10261-0031)		
10261-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	6.97	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.63	
		10MOD-0143 For Bolting To Concrete Or Masonry, Add	1.53	
10261-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	9.74	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.77	
		10MOD-0143 For Bolting To Concrete Or Masonry, Add	1.94	
10261-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	10.92	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.83	
		10MOD-0143 For Bolting To Concrete Or Masonry, Add	2.12	
10261-0036		Polycarbonate Corner Guards (10261)		
10261-0037		Surface Mounted, Polycarbonate Corner Guards (10261-0036)		
10261-0038		90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards (10261-0037)		
10261-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	4.34	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.50	
10261-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	5.41	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.55	
10261-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	6.40	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.60	
10261-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	8.63	1.94
		10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
		10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
		10MOD-0140 For > 200 LF, Deduct	-1.72	

10000 Specialties**10260 Wall And Corner Guards****10261 Corner Guards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10261-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	7.31	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.65	
10261-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards (10261-0037)		
10261-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	8.63	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.72	
10261-0046		Aluminum Corner Guards (10261)		
10261-0047		Surface Mounted, Aluminum Corner Guards (10261-0046)		
10261-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards (10261-0047)		
10261-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	6.97	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.63	
10261-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	8.68	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.72	
10261-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	9.82	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.78	
10261-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards (10261-0047)		
10261-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	6.97	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.63	
10261-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	8.68	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.72	
10261-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	9.16	1.94
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140	For > 200 LF, Deduct	-1.74	
10261-0056		Steel Corner Guards (10261)		
10261-0057		Steel Angle Iron, Corner Guards (10261-0056)		
10261-0058		Surface Mounted, Steel Angle Iron, Corner Guards (10261-0057)		
10261-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards (10261-0058)		
10261-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	8.99	2.32
	10MOD-0049	For Galvanizing, Add	1.80	
	10MOD-0138	For > 50 To 100 LF, Deduct	-0.97	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.35	
	10MOD-0140	For > 200 LF, Deduct	-1.99	
10261-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	11.66	2.51
	10MOD-0049	For Galvanizing, Add	2.62	
	10MOD-0138	For > 50 To 100 LF, Deduct	-1.05	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.46	
	10MOD-0140	For > 200 LF, Deduct	-2.26	
10261-0062	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	12.43	2.61
	10MOD-0049	For Galvanizing, Add	2.83	
	10MOD-0138	For > 50 To 100 LF, Deduct	-1.09	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.52	
	10MOD-0140	For > 200 LF, Deduct	-2.36	
10261-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	12.71	2.70
	10MOD-0049	For Galvanizing, Add	2.87	
	10MOD-0138	For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140	For > 200 LF, Deduct	-2.44	
10261-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.13	2.80
	10MOD-0049	For Galvanizing, Add	4.01	
	10MOD-0138	For > 50 To 100 LF, Deduct	-1.17	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.63	
	10MOD-0140	For > 200 LF, Deduct	-2.67	
10261-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	19.57	2.89
	10MOD-0049	For Galvanizing, Add	5.16	
	10MOD-0138	For > 50 To 100 LF, Deduct	-1.21	
	10MOD-0139	For > 100 To 200 LF, Deduct	-1.69	
	10MOD-0140	For > 200 LF, Deduct	-2.91	



Specialties 10000	10
Wall And Corner Guards 10260	
Corner Guards 10261	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10261-0066	LF 6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	33.94	3.86
	10MOD-0049 For Galvanizing, Add	9.63	
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.61	
	10MOD-0139 For > 100 To 200 LF, Deduct	-2.25	
	10MOD-0140 For > 200 LF, Deduct	-4.27	
10261-0067	Stainless Steel Corner Guards (10261)		
10261-0068	Stainless Steel Corner Guards (10261-0067) Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10261-0069	Surface Mounted, Stainless Steel Corner Guards (10261-0068)		
10261-0070	90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards (10261-0069)		
10261-0071	LF 1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	8.54	1.94
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140 For > 200 LF, Deduct	-1.71	
10261-0072	LF 2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	11.70	1.94
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140 For > 200 LF, Deduct	-1.87	
10261-0073	LF 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	16.13	1.94
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140 For > 200 LF, Deduct	-2.09	
10261-0074	LF Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550).....	16.13	1.94
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140 For > 200 LF, Deduct	-2.09	
10261-0075	135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards (10261-0069)		
10261-0076	LF 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	16.13	1.94
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140 For > 200 LF, Deduct	-2.09	
10261-0077	LF Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650).....	16.13	1.94
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140 For > 200 LF, Deduct	-2.09	
10261-0078	Stainless Steel Angle Iron, Corner Guards (10261-0067)		
10261-0079	Surface Mounted, Stainless Steel Angle Iron, Corner Guards (10261-0078)		
10261-0080	90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards (10261-0079)		
10261-0081	LF 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	15.70	2.32
	10MOD-0138 For > 50 To 100 LF, Deduct	-0.97	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.35	
	10MOD-0140 For > 200 LF, Deduct	-2.33	
10261-0082	LF 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	26.63	2.51
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.05	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.46	
	10MOD-0140 For > 200 LF, Deduct	-3.00	
10261-0083	LF 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	37.58	2.61
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.09	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.52	
	10MOD-0140 For > 200 LF, Deduct	-3.62	
10261-0084	LF 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	34.99	2.70
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140 For > 200 LF, Deduct	-3.55	
10261-0085	LF 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	50.43	2.80
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.17	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.63	
	10MOD-0140 For > 200 LF, Deduct	-4.39	
10261-0086	LF 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	46.46	2.89
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.21	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.69	
	10MOD-0140 For > 200 LF, Deduct	-4.26	
10261-0087	Rubber Corner Guards (10261) Note: Includes adhesive for installation.		
10261-0088	Natural Rubber Corner Guards (10261-0087)		
10261-0089	Surface Mounted, Natural Rubber Corner Guards (10261-0088)		
10261-0090	90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards (10261-0089)		

10000 Specialties**10260 Wall And Corner Guards****10261 Corner Guards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10261-0091	LF		4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	35.80	1.94
	10MOD-0138		For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140		For > 200 LF, Deduct	-3.07	
	10MOD-0143		For Bolting To Concrete Or Masonry, Add	5.85	
10261-0092			SBR Rubber Corner Guards (10261-0087)		
10261-0093			Surface Mounted, SBR Rubber Corner Guards (10261-0092)		
10261-0094			90 Degree Angle, Surface Mounted, SBR Rubber Corner Guards (10261-0093)		
10261-0095	LF		4-5/8" Wing, 90 Degree Angle, Surface Mounted, SBR Rubber Corner Guard (Pawling CG-2).....	22.48	1.94
	10MOD-0138		For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140		For > 200 LF, Deduct	-2.41	
	10MOD-0143		For Bolting To Concrete Or Masonry, Add	3.85	
10261-0096			EPDM Rubber Corner Guards (10261-0087)		
10261-0097			Surface Mounted, EPDM Rubber Corner Guards (10261-0096)		
10261-0098			90 Degree Angle, Surface Mounted, EPDM Rubber Corner Guards (10261-0097)		
10261-0099	LF		4-5/8" Wing, 90 Degree Angle, Surface Mounted, EPDM Rubber Corner Guard (Pawling CG-2E).....	14.77	1.94
	10MOD-0138		For > 50 To 100 LF, Deduct	-0.80	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.12	
	10MOD-0140		For > 200 LF, Deduct	-2.02	
	10MOD-0143		For Bolting To Concrete Or Masonry, Add	2.70	
10262			Bumper Guards (10260)		
10262-0001			Crash Rails (10262)		
			Note: Includes end caps.		
10262-0002			Polycarbonate Crash Rails (10262-0001)		
10262-0003	LF		3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	5.15	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-2.32	
10262-0004	LF		4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	8.14	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-2.47	
10262-0005			Aluminum Crash Rails (10262-0001)		
10262-0006	LF		4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	27.15	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-3.42	
10262-0007			Stainless Steel Crash Rails (10262-0001)		
10262-0008	LF		4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100).....	49.15	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-4.52	
10262-0009	LF		5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200).....	38.15	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-3.97	
10262-0010			Wall Guards (10262)		
10262-0011			Rigid Vinyl Wall Guards With Aluminum Retainers (10262-0010)		
			Note: Includes end caps.		
10262-0012	LF		1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1).....	8.67	2.26
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140		For > 200 LF, Deduct	-2.24	
10262-0013	LF		3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3).....	10.14	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-2.57	
10262-0014	LF		4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4).....	11.07	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-2.61	
10262-0015	LF		5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5).....	12.21	2.57
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140		For > 200 LF, Deduct	-2.67	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10262-0016	LF 6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6).....	13.87	2.73
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.37	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.91	
	10MOD-0140 For > 200 LF, Deduct	-2.88	
10262-0017	LF 7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8).....	14.43	2.73
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.37	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.91	
	10MOD-0140 For > 200 LF, Deduct	-2.91	
10262-0018	LF 8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7).....	14.91	2.73
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.37	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.91	
	10MOD-0140 For > 200 LF, Deduct	-2.93	
10262-0019	LF 12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12).....	18.82	2.89
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.45	
	10MOD-0139 For > 100 To 200 LF, Deduct	-2.03	
	10MOD-0140 For > 200 LF, Deduct	-3.26	
10262-0020	Rubber Wall Guards (10262-0010)		
10262-0021	D-Shaped, Rubber Wall Guards (10262-0020)		
10262-0022	LF 2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2).....	16.39	2.26
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140 For > 200 LF, Deduct	-2.62	
10262-0023	LF 3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3).....	23.30	2.57
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140 For > 200 LF, Deduct	-3.23	
10262-0024	LF 4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4).....	30.56	2.57
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140 For > 200 LF, Deduct	-3.59	
10262-0025	LF 6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6).....	42.13	2.57
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140 For > 200 LF, Deduct	-4.17	
10262-0026	U-Shaped, Rubber Wall Guards (10262-0020)		
10262-0027	LF 3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4).....	42.05	2.73
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.37	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.91	
	10MOD-0140 For > 200 LF, Deduct	-4.29	
10262-0028	LF 4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3).....	47.27	2.73
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.37	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.91	
	10MOD-0140 For > 200 LF, Deduct	-4.55	
10262-0029	Rectangular, Rubber Wall Guards (10262-0020)		
10262-0030	LF 8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1).....	30.87	2.73
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.37	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.91	
	10MOD-0140 For > 200 LF, Deduct	-3.73	
10262-0031	LF 9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2).....	36.47	2.89
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.45	
	10MOD-0139 For > 100 To 200 LF, Deduct	-2.03	
	10MOD-0140 For > 200 LF, Deduct	-4.14	
10262-0032	Wing Type, Rubber Wall Guards (10262-0020)		
10262-0033	LF 3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25).....	23.74	2.26
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140 For > 200 LF, Deduct	-2.99	
10262-0034	LF 6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20).....	50.25	2.57
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140 For > 200 LF, Deduct	-4.57	
10262-0035	LF 6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30).....	53.55	2.57
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.29	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.80	
	10MOD-0140 For > 200 LF, Deduct	-4.74	
10262-0036	Accent Rails (10262) Note: Includes end caps.		
10262-0037	Oval, Rigid Vinyl Accent Rails With Aluminum Retainers (10262-0036)		
10262-0038	LF 1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25).....	9.87	2.26
	10MOD-0138 For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139 For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140 For > 200 LF, Deduct	-2.30	

10000 Specialties**10260 Wall And Corner Guards****10262 Bumper Guards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10262-0039	LF		2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30).....	12.71	2.26
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140		For > 200 LF, Deduct	-2.44	
10262-0040	LF		2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22).....	15.53	2.26
	10MOD-0138		For > 50 To 100 LF, Deduct	-1.13	
	10MOD-0139		For > 100 To 200 LF, Deduct	-1.58	
	10MOD-0140		For > 200 LF, Deduct	-2.58	
10262-0041			Protective Corridor Handrails (10262)		
10262-0042			Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers (10262-0041)		
10262-0043	LF		1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN).....	15.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-4.65	
10262-0044	EA		End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	13.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-4.55	
10262-0045	LF		5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C).....	21.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-4.95	
10262-0046	EA		End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	18.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-4.80	
10262-0047	LF		6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN).....	22.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-5.00	
10262-0048	EA		End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn).....	24.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-5.10	
10262-0049	LF		6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN).....	28.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-5.30	
10262-0050	EA		End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	32.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-5.50	
10262-0051			Stainless Steel Protective Corridor Handrails (10262-0041)		
10262-0052	LF		5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS).....	38.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-5.80	
10262-0053	EA		End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn).....	39.66	4.83
	10MOD-0138		For > 50 To 100 LF, Deduct	-2.42	
	10MOD-0139		For > 100 To 200 LF, Deduct	-3.38	
	10MOD-0140		For > 200 LF, Deduct	-5.85	
10263			Impact Resistant Wall Protection (10260)		
10263-0001			Impact Resistant Wall Protection (10263)		
			Note: Includes standard trim.		
10263-0002	SF		0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30).....	5.22	1.61
10263-0003	SF		0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40).....	5.67	1.61
10263-0004	SF		0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60).....	6.86	1.61
10265			Soffit Cover System (10260)		
			Note: To conceal sprinklers, cabling or hydronic systems.		
10265-0001			Interior PVC Soffit System (10265)		
			Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10265-0002			"L" Design (10265-0001)		
10265-0003			L-Shield (10265-0002)		
10265-0004	LF		2.38" Depth L-Shield Cover, PVC, 1" Shield Size For 3/4" And 1" Pipe.....	8.26	1.61
10265-0005	LF		3" Depth L-Shield Cover, PVC, 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe.....	9.68	2.26
10265-0006	LF		3.75" Depth L-Shield Cover, PVC, 2" Shield Size For 2" Pipe.....	12.69	2.89
10265-0007	LF		5.75" Depth L-Shield Cover, PVC, 2-1/2" Shield Size For 2-1/2" Pipe.....	17.30	3.54
10265-0008			"Combo" Hanger (10265-0002)		
10265-0009	EA		Combination "Combo" Hanger, L-Support, For 3/4" Pipe.....	9.52	3.22



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10265-0010	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	11.04	3.86
10265-0011	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	12.76	4.51
10265-0012	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	14.25	5.15
10265-0013	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	15.97	5.80
10265-0014		Snap-2 Pipe Hanger <small>(10265-0002)</small>		
10265-0015	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	8.04	3.22
10265-0016	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	9.75	3.86
10265-0017	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	11.35	4.51
10265-0018	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	13.20	5.15
10265-0019	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	15.11	5.80
10265-0020		Coupling <small>(10265-0002)</small>		
10265-0021	EA	Coupling, L-Shield, 1" Shield Size	5.13	1.61
10265-0022	EA	Coupling, L-Shield, 1-1/4" Shield Size	7.40	2.26
10265-0023	EA	Coupling, L-Shield, 2" Shield Size	10.54	2.89
10265-0024	EA	Coupling, L-Shield, 2-1/2" Shield Size	13.18	3.54
10265-0025		Coupling, Reducer <small>(10265-0002)</small>		
10265-0026	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	13.70	1.94
10265-0027	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	16.81	2.26
10265-0028	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	19.91	2.57
10265-0029	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	75.83	3.22
10265-0030		Shield Clips <small>(10265-0002)</small>		
10265-0031	EA	Shield Clips, L-Support, 1" Shield Size	3.11	0.97
10265-0032	EA	Shield Clips, L-Support, 1-1/4" Shield Size	4.70	1.61
10265-0033	EA	Shield Clips, L-Support, 2" Shield Size	6.23	2.26
10265-0034	EA	Shield Clips, L-Support, 2-1/2" Shield Size	7.15	2.89
10265-0035		Wall Flange <small>(10265-0002)</small>		
10265-0036	EA	Wall Flange, L-Shield, 1" Shield Size	5.00	1.61
10265-0037	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	7.16	2.26
10265-0038	EA	Wall Flange, L-Shield, 2" Shield Size	10.29	2.89
10265-0039	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	40.10	3.54
10265-0040		End Cap <small>(10265-0002)</small>		
10265-0041	EA	End Cap, L-Shield, 1" Shield Size	4.95	0.97
10265-0042	EA	End Cap, L-Shield, 1-1/4" Shield Size	6.67	1.61
10265-0043	EA	End Cap, L-Shield, 2" Shield Size	9.25	2.26
10265-0044	EA	End Cap, L-Shield, 2-1/2" Shield Size	40.62	2.89
10265-0045		Inside/Outside Corner <small>(10265-0002)</small>		
10265-0046	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	30.00	3.22
10265-0047	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	32.45	3.86
10265-0048	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	39.25	4.83
10265-0049	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	67.89	5.80
10265-0050		Joiner <small>(10265-0002)</small>		
10265-0051	LF	Joiner, L-Shield	6.31	0.97
10265-0052		"U" Design <small>(10265-0001)</small>		
10265-0053		U-Shield <small>(10265-0052)</small>		
10265-0054	LF	2.25" Depth U-Shield Cover, PVC, 1" Shield Size For 3/4" And 1" Pipe	9.86	1.61
10265-0055	LF	2.875" Depth U-Shield Cover, PVC, 1-1/4" Shield Size For 1-1/4" Pipe	12.38	2.26
10265-0056	LF	3.68" Depth U-Shield Cover, PVC, 2" Shield Size For 1-1/2" And 2" Pipe	15.83	2.26
10265-0057		"Combo" Hanger <small>(10265-0052)</small>		
10265-0058	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	8.35	3.22
10265-0059	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	9.93	3.86
10265-0060	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	11.47	4.51
10265-0061	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	14.06	5.15
10265-0062	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	15.91	5.80
10265-0063		Snap-2 Pipe Hanger <small>(10265-0052)</small>		
10265-0064	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	7.92	3.22
10265-0065	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	9.63	3.86

10000 Specialties**10260 Wall And Corner Guards****10265 Soffit Cover System**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10265-0066	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	11.66	4.51
10265-0067	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	13.08	5.15
10265-0068	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	15.05	5.80
10265-0069		Coupling <small>(10265-0052)</small>		
10265-0070	EA	Coupling, U-Shield, 1" Shield Size	5.99	1.61
10265-0071	EA	Coupling, U-Shield, 1-1/4" Shield Size	7.59	2.26
10265-0072	EA	Coupling, U-Shield, 2" Shield Size	9.31	2.89
10265-0073		Coupling, Reducer <small>(10265-0052)</small>		
10265-0074	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	16.16	1.94
10265-0075	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	19.27	2.26
10265-0076	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	20.53	2.57
10265-0077		Shield Clips <small>(10265-0052)</small>		
10265-0078	EA	Shield Clips, U-Support, 1" Shield Size	2.86	0.97
10265-0079	EA	Shield Clips, U-Support, 1-1/4" Shield Size	4.27	1.61
10265-0080	EA	Shield Clips, U-Support, 2" Shield Size	5.68	2.26
10265-0081		Wall Flange <small>(10265-0052)</small>		
10265-0082	EA	Wall Flange, U-Shield, 1" Shield Size	5.80	1.61
10265-0083	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	7.52	2.26
10265-0084	EA	Wall Flange, U-Shield, 2" Shield Size	9.25	2.89
10265-0085		End Cap <small>(10265-0052)</small>		
10265-0086	EA	End Cap, U-Shield, 1" Shield Size	5.26	0.97
10265-0087	EA	End Cap, U-Shield, 1-1/4" Shield Size	7.16	1.61
10265-0088	EA	End Cap, U-Shield, 2" Shield Size	9.00	2.26
10265-0089		Inside/Outside Corner <small>(10265-0052)</small>		
10265-0090	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	37.45	3.22
10265-0091	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	41.74	3.86
10265-0092	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	49.46	4.83
10265-0093		Elbow <small>(10265-0052)</small>		
10265-0094	EA	Elbow, U-Shield, 1" Shield Size	36.77	3.22
10265-0095	EA	Elbow, U-Shield, 1-1/4" Shield Size	40.51	3.86
10265-0096	EA	Elbow, U-Shield, 2" Shield Size	48.29	4.83
10265-0097		Tee <small>(10265-0052)</small>		
10265-0098	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	46.76	4.83
10265-0099	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	52.14	5.80
10265-0100	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	60.99	7.09
10265-0101	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	61.40	5.48
10265-0102	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	66.49	6.77
10265-0103		Cross <small>(10265-0052)</small>		
10265-0104	EA	Cross, U-Shield, 1" Shield Size	83.94	6.44
10265-0105	EA	Cross, U-Shield, 1-1/4" Shield Size	94.21	7.72
10265-0106	EA	Cross, U-Shield, 2" Shield Size	114.55	9.66
10265-0107	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	114.57	7.09
10265-0108	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	126.28	8.69
10265-0109		Transition Fittings (L to U Or U to L) <small>(10265-0001)</small>		
10265-0110		Coupling Transition <small>(10265-0109)</small>		
10265-0111	EA	Transition Coupling, 1" x 1", LxU or UxL	14.42	1.61
10265-0112	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	16.44	2.26
10265-0113	EA	Transition Coupling, 2" x 2", LxU or UxL	20.50	2.89
10265-0114	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	16.35	1.94
10265-0115	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	20.41	2.57
10265-0116	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	79.34	3.22
10265-0117		Elbow Transition <small>(10265-0109)</small>		
10265-0118	EA	Transition Elbow, 1" x 1" (UxL)	49.13	3.22
10265-0119	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	53.37	3.86
10265-0120	EA	Transition Elbow, 2" x 2" (UxL)	62.69	4.83
10265-0121	EA	Transition Elbow, 1" x 1-1/4" (UxL)	75.99	3.54



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10265-0122	EA Transition Elbow, 1-1/4" x 1" (UxL)	54.09	3.54
10265-0123	EA Transition Elbow, 1-1/4" x 2" (UxL)	80.50	4.51
10265-0124	EA Transition Elbow, 2" x 1-1/4" (UxL)	62.72	4.51
10265-0125	EA Transition Elbow, 2" x 2-1/2" (UxL)	96.68	5.15
10265-0126	Tee Transition <small>(10265-0109)</small>		
10265-0127	EA Transition Tee, 1" x 1" x 1" (LxLxU)	56.66	4.83
10265-0128	EA Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	65.61	5.80
10265-0129	EA Transition Tee, 2" x 2" x 2" (LxLxU)	76.43	7.09
10265-0130	EA Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	59.98	5.48
10265-0131	EA Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	93.45	6.12
10265-0132	EA Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	67.04	6.77
10265-0133	EA Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	91.15	8.05
10265-0134	Fittings (L Or U) <small>(10265-0001)</small>		
10265-0135	Hugger Hangers For Steel Pipe <small>(10265-0134)</small>		
10265-0136	EA Hugger Hanger, For 1/2" Steel Pipe	6.44	2.57
10265-0137	EA Hugger Hanger, For 3/4" Steel Pipe	8.04	3.22
10265-0138	EA Hugger Hanger, For 1" Steel Pipe	9.44	3.86
10265-0139	EA Hugger Hanger, For 1-1/4" Steel Pipe	10.92	4.51
10265-0140	EA Hugger Hanger, For 1-1/2" Steel Pipe	12.34	5.15
10265-0141	EA Hugger Hanger, For 2" Steel Pipe	13.88	5.15
10265-0142	EA Hugger Hanger, For 2-1/2" Steel Pipe	15.28	6.44
10265-0143	EA Hugger Hanger, For 3" Steel Pipe	18.85	7.09
10265-0144	Hugger Hangers For Copper Pipe <small>(10265-0134)</small>		
10265-0145	EA Hugger Hanger, For 1/2" Copper Pipe	6.50	2.57
10265-0146	EA Hugger Hanger, For 3/4" Copper Pipe	8.10	3.22
10265-0147	EA Hugger Hanger, For 1" Copper Pipe	9.50	3.86
10265-0148	EA Hugger Hanger, For 1-1/4" Copper Pipe	10.98	4.51
10265-0149	EA Hugger Hanger, For 1-1/2" Copper Pipe	12.40	5.15
10265-0150	EA Hugger Hanger, For 2" Copper Pipe	14.00	5.80
10265-0151	EA Hugger Hanger, For 2-1/2" Copper Pipe	15.40	6.44
10265-0152	EA Hugger Hanger, For 3" Copper Pipe	19.03	7.09
10265-0153	Shield Extension (L Or U) <small>(10265-0134)</small>		
10265-0154	LF Shield Extension	7.60	0.97
10265-0155	Interior Steel Soffit System <small>(10265)</small>		
Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.			
10265-0156	SF 24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	14.44	2.89
	10MOD-0050 For 22 Gauge Steel, Add	0.86	
	10MOD-0051 For 20 Gauge Steel, Add	1.85	
	10MOD-0052 For 18 Gauge Steel, Add	3.63	
	10MOD-0053 For 16 Gauge Steel, Add	5.57	
	10MOD-0058 For Stainless Steel, Add	2.16	
10265-0157	EA U-Shield Wall Flange (JG Innovations Soffi-Steel)	23.98	8.05
	10MOD-0058 For Stainless Steel, Add	1.97	
10265-0158	EA U-Shield Corner (JG Innovations Soffi-Steel)	56.71	9.66
	10MOD-0058 For Stainless Steel, Add	9.19	
10265-0159	EA U-Shield End Cap (JG Innovations Soffi-Steel)	18.06	4.83
	10MOD-0058 For Stainless Steel, Add	2.10	
10265-0160	EA U-Shield Clip (JG Innovations Soffi-Steel)	4.20	1.94
	10MOD-0058 For Stainless Steel, Add	0.09	
10265-0161	SF 24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	16.28	2.89
	10MOD-0054 For 22 Gauge Steel, Add	0.79	
	10MOD-0055 For 20 Gauge Steel, Add	1.68	
	10MOD-0056 For 18 Gauge Steel, Add	3.25	
	10MOD-0057 For 16 Gauge Steel, Add	5.45	
	10MOD-0058 For Stainless Steel, Add	2.62	
10265-0162	EA L-Shield Wall Flange (JG Innovations Soffi-Steel)	23.98	8.05
	10MOD-0058 For Stainless Steel, Add	1.97	
10265-0163	EA L-Shield Corner (JG Innovations Soffi-Steel)	56.71	9.66
	10MOD-0058 For Stainless Steel, Add	9.19	
10265-0164	EA L-Shield End Cap (JG Innovations Soffi-Steel)	15.49	3.54
	10MOD-0058 For Stainless Steel, Add	2.10	
10265-0165	EA L-Shield Clip (JG Innovations Soffi-Steel)	4.20	1.94
	10MOD-0058 For Stainless Steel, Add	0.09	
10267	Armored Panel <small>(10260)</small>		
10267-0001	Laminated Bullet Resistant Fiberglass Panel <small>(10267)</small>		
10267-0002	SF 1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	10.74	0.91
10267-0003	SF 3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	14.51	0.98

10000 Specialties**10260 Wall And Corner Guards****10267 Armored Panel**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10267-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 LB/SF.....	16.37	1.04
10267-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 LB/SF.....	17.43	1.11
10267-0006	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 LB/SF.....	20.28	1.23
10267-0007	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 LB/SF.....	33.99	1.50
10267-0008	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 LB/SF.....	57.86	2.79
10267-0009	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 LB/SF.....	70.03	3.06
10270 Access Flooring (10000)				
10271 Raised Floors (10270)				
10271-0001 Panels, No Covering (10271)				
10271-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors.....	9.26	0.64
		10MOD-0059 For Carpet Covering, Add.....	2.77	
		10MOD-0060 For Vinyl Floor Covering, Add.....	1.91	
10271-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors.....	17.25	0.64
		10MOD-0059 For Carpet Covering, Add.....	2.77	
		10MOD-0060 For Vinyl Floor Covering, Add.....	1.91	
10271-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	16.09	0.71
10271-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	16.09	0.71
10271-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moodance 6808.....	16.09	0.71
10271-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280.....	16.09	0.71
10271-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim.....	15.22	0.71
10271-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim.....	15.22	0.71
10271-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	17.17	0.71
10271-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	17.17	0.71
10271-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808.....	17.17	0.71
10271-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280.....	17.17	0.71
10271-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim.....	16.30	0.71
10271-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim.....	16.30	0.71
10271-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8" Nevamar HPL ST2-2 Beige Star Trim.....	20.60	0.71
10271-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8" Nevamar HPL ST6-1 Gray Star Trim.....	20.60	0.71
10271-0018 Pedestals (10271)				
10271-0019	EA	Pedestal, 6" To 12" Access And Pedestal Floors.....	21.54	3.22
10271-0020	EA	Standard Pedestal Assembly (8" And 12" Finished Floor Height).....	22.62	3.22
10271-0021	EA	Tate Standard Pedestal Assembly (18" And 24" Finished Floor Height).....	23.16	3.22
10271-0022	EA	Tate Standard Pedestal Assembly (30" And 36" Finished Floor Height).....	25.12	3.22
10271-0023 Stringers (10271)				
10271-0024	LF	2' Stringers Access And Pedestal Floors.....	6.02	1.93
10271-0025	LF	6' Stringers Access And Pedestal Floors.....	5.98	2.70
10271-0026	EA	Tate Standard 2' Bolted Stringer.....	13.77	3.86
10271-0027	EA	Tate Standard 4' Bolted Stringer.....	27.55	8.37
10271-0028 Accessories (10271)				
10271-0029	SF	Accessories, Ramp Assembly Access And Pedestal Floors.....	21.36	2.58
10271-0030	LF	Accessories, Handrail Access And Pedestal Floors.....	34.52	4.51
10271-0031	LF	Accessories, Fascia Plate Access And Pedestal Floors.....	15.21	4.51
10271-0032	EA	Machine Cutouts.....	115.92	
10271-0033	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate.....	34.65	
10271-0034	LF	Tate 2 Or 3 Riser Steps In Raised Floor System.....	81.75	0.32
		Note: Includes baffles, fascia plates trim and cover.		
10271-0035	LF	Tate Handrail.....	65.54	2.13
10271-0036	SF	Hammered Aluminum Finish Fascia.....	25.34	2.13
		Note: Includes trim angles and hardware (8", 12", 18", 24").		
10271-0037	EA	7" x 17" Tate Lexan Floor Mounted Grille.....	113.23	8.05
		Note: Includes carpet trim to flush mount.		
10271-0038	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material.....	28.39	
10271-0039	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	28.39	
10271-0040	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet.....	32.17	1.28
10271-0041	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL.....	39.19	1.28
10271-0042	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim.....	30.22	1.28
10271-0043	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge.....	39.18	1.28
10271-0044	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4.....	111.93	8.05
10271-0045	EA	Flush Mounted Telephone Box (Grey/Black/Communications).....	81.02	8.05
		Note: Includes cut hole.		
10271-0046	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4.....	111.93	8.05
10271-0047	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2.....	55.28	1.28
10271-0048	EA	Remove Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor.....	6.43	
10271-0049 Understructure (10271)				
10271-0050	SF	Tate Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height.....	3.58	0.96
10271-0051	SF	Tate Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height.....	3.83	0.96
10271-0052	SF	Tate Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height.....	4.58	0.96



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10271-0053	Final Cleaning For Computer Room Raised Floor System <small>(10271)</small>		
	<small>Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.</small>		
10271-0054	SF Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor.....	2.17	
10271-0055	SF Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	2.23	
10271-0056	SF Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	2.21	

10290 Pest Control (10000)

10292 Bird Control (10290)

See CSI section 10292-0018 for netting.

10292-0001	Stainless Steel Spiked Bird Barrier <small>(10292)</small>		
	<small>Note: Stainless steel spikes with flexible polycarbonate base.</small>		
10292-0002	LF 2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	6.09	0.51
10292-0003	LF 4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	6.64	0.51
10292-0004	LF 8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	8.85	0.51

10292-0005 Polycarbonate Spiked Bird Barrier (10292)

Note: Polycarbonate spikes and base.

10292-0006	LF 3" Wide Polycarbonate Spikes And Base Bird Deterrent System	4.61	0.51
10292-0007	LF 5" Wide Polycarbonate Spikes And Base Bird Deterrent System	5.59	0.51
10292-0008	LF 8" Wide Polycarbonate Spikes And Base Bird Deterrent System	6.67	0.51

10292-0009 Spiked Gutter Or Girder Bird Barrier (10292)

Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.

10292-0010	LF Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	5.27	0.51
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10292-0011 Coil Bird Barrier (10292)

Note: Stainless steel coil.

10292-0012	LF 4" Diameter Stainless Steel Coil Bird Deterrent System	3.74	0.51
10292-0013	LF 5" Diameter Stainless Steel Coil Bird Deterrent System	4.41	0.51

10292-0014 Spider Bird Barrier (10292)

Note: Stainless steel arms with various bases.

10292-0015	EA 2' Diameter Stainless Steel Spider Bird Deterrent System	66.70	0.51
10292-0016	EA 4' Diameter Stainless Steel Spider Bird Deterrent System	81.94	0.51
10292-0017	EA 8' Diameter Stainless Steel Spider Bird Deterrent System	96.17	0.51

10292-0018 Oriented Flexible Flame Resistant Netting (10292)

Note: Includes stainless steel rings and plastic ties. See CSI section 05150-0001 for wire rope and mounting hardware.

10292-0019	SF 1/8" x 1/8" Mesh Flexible Polypropylene Netting	0.62	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0020	SF 1/4" x 1/4" Mesh Flexible Polypropylene Netting	0.61	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0021	SF 1/2" x 1/2" Mesh Flexible Polypropylene Netting	0.59	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0022	SF 3/4" x 3/4" Mesh Flexible Polypropylene Netting	0.58	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0023	SF 1" x 1" Mesh Flexible Polypropylene Netting	0.58	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0024	SF 1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	0.57	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0025	SF 2" x 2" Mesh Flexible Polypropylene Netting	0.57	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0026	SF 3" x 3" Mesh Flexible Polypropylene Netting	0.57	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0027	SF 4" x 4" Mesh Flexible Polypropylene Netting	0.55	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0028	SF 5/8" x 3/4" Mesh Flexible Polypropylene Netting	0.59	0.26
	<small>Note: To control bird and marine predators</small>		
10292-0029	SF 1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	0.57	0.26
	<small>Note: To control bird and marine predators</small>		

10292-0030 Netting Accessories (10292)

10292-0031	EA 2' Zipper For Flexible Netting	4.19	
10292-0032	EA 4' Zipper For Flexible Netting	6.32	
10292-0033	EA 6' Zipper For Flexible Netting	7.43	
10292-0034	EA 8' Zipper For Flexible Netting	10.56	
10292-0035	EA Poly Clips For Flexible Netting	2.02	

10350 Flagpoles (10000)

10000 Specialties**10350 Flagpoles**

10292 Bird Control

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete.

10351 Flagpoles And Accessories (10350)

Note: For demolition of steel flagpoles use demolition of appropriate length aluminum pole.

10351-0001	Free Standing Tapered Aluminum Flagpoles <small>(10351)</small>		
	Note: Heavy duty		
10351-0002	EA 20' Exposed Height, Tapered Satin Aluminum Flagpole.....	2,392.35	644.81
	Note: 5" butt diameter, 3" top diameter and 0.188" wall.		
	10MOD-0003 For Internal Halyard, Winch System, Add	570.00	
	10MOD-0061 For Clear Anodized Finish, Add	150.00	
	10MOD-0071 For Bronze Anodized Finish, Add	180.00	
	10MOD-0081 For Black Anodized Finish, Add	230.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0003	EA 25' Exposed Height, Tapered Satin Aluminum Flagpole.....	2,927.56	736.93
	Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.		
	10MOD-0010 For Internal Halyard, Winch System, Add	1,100.00	
	10MOD-0062 For Clear Anodized Finish, Add	200.00	
	10MOD-0072 For Bronze Anodized Finish, Add	230.00	
	10MOD-0082 For Black Anodized Finish, Add	320.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0004	EA 30' Exposed Height, Tapered Satin Aluminum Flagpole.....	3,345.79	829.04
	Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.		
	10MOD-0004 For Internal Halyard, Winch System, Add	1,390.00	
	10MOD-0063 For Clear Anodized Finish, Add	300.00	
	10MOD-0073 For Bronze Anodized Finish, Add	375.00	
	10MOD-0083 For Black Anodized Finish, Add	450.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0005	EA 35' Exposed Height, Tapered Satin Aluminum Flagpole.....	4,369.43	921.16
	Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.		
	10MOD-0005 For Internal Halyard, Winch System, Add	1,340.00	
	10MOD-0064 For Clear Anodized Finish, Add	290.00	
	10MOD-0074 For Bronze Anodized Finish, Add	360.00	
	10MOD-0084 For Black Anodized Finish, Add	480.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0006	EA 40' Exposed Height, Tapered Satin Aluminum Flagpole.....	5,511.55	1,105.39
	Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.		
	10MOD-0006 For Internal Halyard, Winch System, Add	1,490.00	
	10MOD-0065 For Clear Anodized Finish, Add	390.00	
	10MOD-0075 For Bronze Anodized Finish, Add	480.00	
	10MOD-0085 For Black Anodized Finish, Add	660.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0007	EA 45' Exposed Height, Tapered Satin Aluminum Flagpole.....	6,059.20	1,289.62
	Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.		
	10MOD-0007 For Internal Halyard, Winch System, Add	1,340.00	
	10MOD-0066 For Clear Anodized Finish, Add	400.00	
	10MOD-0076 For Bronze Anodized Finish, Add	500.00	
	10MOD-0086 For Black Anodized Finish, Add	700.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0008	EA 50' Exposed Height, Tapered Satin Aluminum Flagpole.....	7,542.84	1,473.85
	Note: 10" butt diameter, 4" top diameter and 0.188" wall.		
	10MOD-0008 For Internal Halyard, Winch System, Add	1,380.00	
	10MOD-0067 For Clear Anodized Finish, Add	700.00	
	10MOD-0077 For Bronze Anodized Finish, Add	860.00	
	10MOD-0087 For Black Anodized Finish, Add	1,130.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0009	EA 60' Exposed Height, Tapered Satin Aluminum Flagpole.....	12,708.14	1,658.09
	Note: 12" butt diameter, 4" top diameter and 0.250" wall.		
	10MOD-0011 For Internal Halyard, Winch System, Add	1,800.00	
	10MOD-0068 For Clear Anodized Finish, Add	620.00	
	10MOD-0078 For Bronze Anodized Finish, Add	820.00	
	10MOD-0088 For Black Anodized Finish, Add	1,160.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0010	EA 70' Exposed Height, Tapered Satin Aluminum Flagpole.....	14,432.26	1,842.32
	Note: 12" butt diameter, 4" top diameter and 0.250" wall.		
	10MOD-0009 For Internal Halyard, Winch System, Add	1,720.00	
	10MOD-0069 For Clear Anodized Finish, Add	710.00	
	10MOD-0079 For Bronze Anodized Finish, Add	950.00	
	10MOD-0089 For Black Anodized Finish, Add	1,360.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0011	EA 80' Exposed Height, Tapered Satin Aluminum Flagpole.....	17,724.16	2,072.61
	Note: 12" butt diameter, 4" top diameter and 0.375" wall.		
	10MOD-0012 For Internal Halyard, Winch System, Add	2,600.00	
	10MOD-0070 For Clear Anodized Finish, Add	1,100.00	
	10MOD-0080 For Bronze Anodized Finish, Add	1,380.00	
	10MOD-0090 For Black Anodized Finish, Add	1,840.00	
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0012	Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles <small>(10351)</small>		
	Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10351-0013	EA 14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,471.04	460.58
	10MOD-0091 For Rope Lock Box, Add	96.00	
10351-0014	EA 17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,598.26	506.63
	10MOD-0091 For Rope Lock Box, Add	96.00	



Specialties 10000	10
Flagpoles 10350	
Flagpoles And Accessories 10351	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10351-0015	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,713.77	552.70
	10MOD-0091	For Rope Lock Box, Add	96.00	
10351-0016	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,991.60	644.81
	10MOD-0091	For Rope Lock Box, Add	96.00	
10351-0017		Outrigger, Wall Mounted Tapered Aluminum Flagpoles (10351)		
		Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10351-0018	EA	10' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,162.79	414.52
	10MOD-0091	For Rope Lock Box, Add	96.00	
10351-0019	EA	15' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,184.72	460.58
	10MOD-0091	For Rope Lock Box, Add	96.00	
10351-0020	EA	20' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,392.35	552.70
	10MOD-0091	For Rope Lock Box, Add	96.00	
10351-0021		Flagpole Bases (10351)		
10351-0022		Flagpole Concrete Base (10351-0021)		
		Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.		
10351-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	946.30	
10351-0024	EA	35' Flagpole, Poured Concrete Foundation	977.98	
10351-0025	EA	40' Flagpole, Poured Concrete Foundation	1,125.74	
10351-0026	EA	45' Flagpole, Poured Concrete Foundation	1,190.67	
10351-0027	EA	50' Flagpole, Poured Concrete Foundation	1,426.74	
10351-0028	EA	60' Flagpole, Poured Concrete Foundation	1,728.91	
10351-0029	EA	70' Flagpole, Poured Concrete Foundation	2,043.60	
10351-0030	EA	80' Flagpole, Poured Concrete Foundation	2,376.69	
10351-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation.....	2,770.95	
10351-0032		Direct Embedded Flagpole Base (10351-0021)		
		Note: Augured in place, no concrete required		
10351-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base.....	451.31	
10351-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base.....	648.14	
10351-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base.....	722.80	
10351-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base.....	815.34	
10351-0037		Flagpole Accessories (10351)		
10351-0038		Flagpole Tops (10351-0037)		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10351-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	79.31	27.38
10351-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	87.21	28.98
10351-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	96.29	30.59
10351-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	125.24	32.21
10351-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	177.60	33.81
10351-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	199.55	35.42
10351-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	164.45	35.42
10351-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	197.51	40.25
10351-0047		Flagpole Accessories (10351-0037)		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10351-0048	LF	5/16" Nylon Wire Core (#10)	0.65	0.05
10351-0049	LF	5/16" Polypropylene Wire Cord (#10)	0.33	0.05
10351-0050	LF	5/16" Nylon (#10)	0.25	0.05
10351-0051	LF	3/8" Nylon Wire Core (#12)	0.88	0.05
10351-0052	EA	Refinish Existing Ball	218.35	80.47
10351-0053	EA	Aluminum Cleat Box, Locking.....	208.92	48.28
10351-0054	EA	Aluminum Cleat	17.55	3.21
10351-0055	LF	1/8" Diameter 7x7 Galvanized Wire Rope	0.45	0.08
10400		Identifying Devices (10000)		
10410		Directory And Bulletin Boards (10400)		
		Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.		
10410-0001		Wall Mounted Directories (10410)		
		Note: Includes changeable letters.		
10410-0002		Open Face, Wall Mounted Directories (10410-0001)		
		Note: Includes vinyl or felt back panel.		
10410-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) (10410-0002)		
10410-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	42.77	5.48
10410-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	29.01	2.57
10410-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory.....	26.50	2.22
10410-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	20.49	1.45

10000 Specialties**10400 Identifying Devices****10410 Directory And Bulletin Boards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10410-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	16.73	0.81
10410-0009		Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) <small>(10410-0002)</small>		
10410-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	43.24	5.48
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
10410-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	29.33	2.57
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
10410-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	27.13	2.22
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
10410-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	19.47	1.45
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
10410-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	17.20	0.81
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
10410-0015		Glass Encased, Wall Mounted Directory Cabinets <small>(10410-0001)</small>		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10410-0016		Wood Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10410-0015)</small>		
10410-0017		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) <small>(10410-0016)</small>		
10410-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	113.80	5.48
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
10410-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	93.11	2.57
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
10410-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	77.92	2.22
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
10410-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	72.78	1.45
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
10410-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	66.34	0.81
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
10410-0023		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) <small>(10410-0016)</small>		
10410-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	97.10	5.48
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
10410-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	80.55	2.22
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
10410-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	57.90	1.45
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
10410-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	52.64	0.81
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
10410-0028		Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10410-0015)</small>		
10410-0029		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10410-0028)</small>		
10410-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	101.28	5.48
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	18.07	
10410-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	80.13	2.57
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	15.00	
10410-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	67.78	2.22
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	12.67	
10410-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	49.99	1.45
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	9.42	
10410-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	47.21	0.81
		<i>10MOD-0145 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	9.12	
10410-0035		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10410-0028)</small>		
10410-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	159.09	5.48
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	29.63	
10410-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	93.05	2.57
		<i>10MOD-0144 For Fluorescent Lights, Add</i>	15.00	
		<i>10MOD-0146 For Bronze Anodize Finish, Add</i>	12.00	
		<i>10MOD-0147 For Header Panel, Add</i>	17.58	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10410-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	78.35	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	14.78	
10410-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	60.66	1.45
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	11.55	
10410-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	56.66	0.81
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	11.01	
10410-0041		Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10410-0001)</small>		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10410-0042		Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets		
		<small>(10410-0041)</small>		
10410-0043		Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) <small>(10410-0042)</small>		
10410-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	156.17	5.48
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
10410-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	105.41	2.57
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
10410-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	102.73	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
10410-0047		Wall Mounted Bulletin Boards <small>(10410)</small>		
10410-0048		Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10410-0047)</small>		
		Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10410-0049		Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10410-0048)</small>		
10410-0050		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) <small>(10410-0049)</small>		
10410-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	110.96	5.48
	10MOD-0144	For Fluorescent Lights, Add	15.00	
10410-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	90.99	2.57
	10MOD-0144	For Fluorescent Lights, Add	15.00	
10410-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	75.80	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
10410-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	70.77	1.45
	10MOD-0145	For Fluorescent Lights, Add	15.00	
10410-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	65.40	0.81
	10MOD-0145	For Fluorescent Lights, Add	15.00	
10410-0056		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) <small>(10410-0049)</small>		
10410-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	92.06	5.48
	10MOD-0144	For Fluorescent Lights, Add	15.00	
10410-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	75.77	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
10410-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	54.20	1.45
	10MOD-0145	For Fluorescent Lights, Add	15.00	
10410-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	49.81	0.81
	10MOD-0145	For Fluorescent Lights, Add	15.00	
10410-0061		Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10410-0048)</small>		
10410-0062		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10410-0061)</small>		
10410-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	103.87	5.48
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	18.58	
10410-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	82.72	2.57
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	15.51	
10410-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	70.36	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	13.18	

10000 Specialties**10400 Identifying Devices****10410 Directory And Bulletin Boards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10410-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	52.58	1.45
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	9.94	
10410-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	49.81	0.81
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	9.64	
10410-0068		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10410-0061)</small>		
10410-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	161.68	5.48
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	30.15	
10410-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	95.63	2.57
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	18.10	
10410-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	80.94	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	15.30	
10410-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	63.25	1.45
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	12.07	
10410-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	59.25	0.81
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
	10MOD-0147	For Header Panel, Add	11.53	
10410-0074		Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10410-0047)</small>		
		Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10410-0075		Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10410-0074)</small>		
10410-0076		Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10410-0075)</small>		
10410-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	153.58	5.48
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
10410-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	102.82	2.57
	10MOD-0144	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
10410-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	100.17	2.22
	10MOD-0145	For Fluorescent Lights, Add	15.00	
	10MOD-0146	For Bronze Anodize Finish, Add	12.00	
10431 Dimensional Characters <small>(10400)</small>				
		Note: Mounted on masonry or concrete		
10431-0001		Cast Characters <small>(10431)</small>		
10431-0002		Cast Aluminum, Satin Finish Characters <small>(10431-0001)</small>		
10431-0003	EA	2" High x 3/8" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete	30.25	4.02
	10MOD-0092	For Flush Wall Mounting, Deduct	-3.12	
	10MOD-0093	For Polished Aluminum, Add	1.42	
	10MOD-0094	For Stain Anodic, Add	5.66	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	2.12	
10431-0004	EA	3" High x 1/2" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete	35.35	4.34
	10MOD-0092	For Flush Wall Mounting, Deduct	-3.51	
	10MOD-0093	For Polished Aluminum, Add	1.80	
	10MOD-0094	For Stain Anodic, Add	7.18	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	2.69	
10431-0005	EA	4" High x 5/8" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete	39.29	4.67
	10MOD-0092	For Flush Wall Mounting, Deduct	-3.83	
	10MOD-0093	For Polished Aluminum, Add	2.06	
	10MOD-0094	For Stain Anodic, Add	8.25	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	3.09	
10431-0006	EA	5" High x 3/4" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete	46.64	5.34
	10MOD-0092	For Flush Wall Mounting, Deduct	-4.46	
	10MOD-0093	For Polished Aluminum, Add	2.54	
	10MOD-0094	For Stain Anodic, Add	10.16	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	3.81	
10431-0007	EA	6" High x 3/4" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete	52.28	5.63
	10MOD-0092	For Flush Wall Mounting, Deduct	-4.87	
	10MOD-0093	For Polished Aluminum, Add	2.98	
	10MOD-0094	For Stain Anodic, Add	11.90	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	4.46	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10431-0008	EA	8" High x 3/4" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	65.60	6.44
	10MOD-0092	For Flush Wall Mounting, Deduct	-5.86	
	10MOD-0093	For Polished Aluminum, Add	3.99	
	10MOD-0094	For Stain Anodic, Add	15.94	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	5.98	
10431-0009	EA	9" High x 3/4" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	75.31	6.76
	10MOD-0092	For Flush Wall Mounting, Deduct	-6.47	
	10MOD-0093	For Polished Aluminum, Add	4.83	
	10MOD-0094	For Stain Anodic, Add	19.31	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	7.24	
10431-0010	EA	10" High x 1" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	82.42	7.25
	10MOD-0092	For Flush Wall Mounting, Deduct	-7.02	
	10MOD-0093	For Polished Aluminum, Add	5.35	
	10MOD-0094	For Stain Anodic, Add	21.38	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	8.02	
10431-0011	EA	12" High x 1" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	99.28	8.36
	10MOD-0092	For Flush Wall Mounting, Deduct	-8.31	
	10MOD-0093	For Polished Aluminum, Add	6.58	
	10MOD-0094	For Stain Anodic, Add	26.32	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	9.87	
10431-0012	EA	14" High x 1" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	117.90	9.66
	10MOD-0092	For Flush Wall Mounting, Deduct	-9.76	
	10MOD-0093	For Polished Aluminum, Add	7.93	
	10MOD-0094	For Stain Anodic, Add	31.71	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	11.89	
10431-0013	EA	15" High x 1-1/4" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	139.33	10.73
	10MOD-0092	For Flush Wall Mounting, Deduct	-11.26	
	10MOD-0093	For Polished Aluminum, Add	9.64	
	10MOD-0094	For Stain Anodic, Add	38.56	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	14.46	
10431-0014	EA	16" High x 1-1/4" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	154.40	11.59
	10MOD-0092	For Flush Wall Mounting, Deduct	-12.36	
	10MOD-0093	For Polished Aluminum, Add	10.81	
	10MOD-0094	For Stain Anodic, Add	43.22	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	16.21	
10431-0015	EA	18" High x 1-1/2" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	186.07	12.87
	10MOD-0092	For Flush Wall Mounting, Deduct	-14.45	
	10MOD-0093	For Polished Aluminum, Add	13.46	
	10MOD-0094	For Stain Anodic, Add	53.83	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	20.19	
10431-0016	EA	20" High x 1-1/2" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	219.45	14.48
	10MOD-0092	For Flush Wall Mounting, Deduct	-16.77	
	10MOD-0093	For Polished Aluminum, Add	16.15	
	10MOD-0094	For Stain Anodic, Add	64.61	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	24.23	
10431-0017	EA	24" High x 1-1/2" Deep Cast Aluminum Sign Letters With Satin Finish And Mounted On Concrete.....	273.46	16.09
	10MOD-0092	For Flush Wall Mounting, Deduct	-20.11	
	10MOD-0093	For Polished Aluminum, Add	20.91	
	10MOD-0094	For Stain Anodic, Add	83.64	
	10MOD-0095	For Colors, Satin Face/Enameled Return Letters, Add	31.36	
10431-0018		Cast Bronze, Satin Finish Characters <small>(10431-0001)</small>		
10431-0019	EA	2" High x 3/8" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	45.13	4.42
	10MOD-0092	For Flush Wall Mounting, Deduct	-4.03	
	10MOD-0096	For Polished Finish, Add	9.60	
	10MOD-0099	For Oxidized Finish, Add	2.74	
10431-0020	EA	3" High x 1/2" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	55.39	4.83
	10MOD-0092	For Flush Wall Mounting, Deduct	-4.70	
	10MOD-0096	For Polished Finish, Add	12.63	
	10MOD-0100	For Oxidized Finish, Add	7.22	
10431-0021	EA	4" High x 5/8" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	61.42	5.15
	10MOD-0092	For Flush Wall Mounting, Deduct	-5.13	
	10MOD-0096	For Polished Finish, Add	14.29	
	10MOD-0100	For Oxidized Finish, Add	8.16	
10431-0022	EA	5" High x 3/4" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	77.54	5.79
	10MOD-0092	For Flush Wall Mounting, Deduct	-6.19	
	10MOD-0096	For Polished Finish, Add	19.03	
	10MOD-0100	For Oxidized Finish, Add	10.87	
10431-0023	EA	6" High x 1/2" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	85.68	6.18
	10MOD-0092	For Flush Wall Mounting, Deduct	-6.76	
	10MOD-0096	For Polished Finish, Add	21.32	
	10MOD-0100	For Oxidized Finish, Add	12.18	
10431-0024	EA	8" High x 3/4" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	115.18	7.09
	10MOD-0092	For Flush Wall Mounting, Deduct	-8.59	
	10MOD-0096	For Polished Finish, Add	30.40	
	10MOD-0100	For Oxidized Finish, Add	17.37	
10431-0025	EA	9" High x 3/4" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	136.22	7.41
	10MOD-0092	For Flush Wall Mounting, Deduct	-9.77	
	10MOD-0096	For Polished Finish, Add	37.31	
	10MOD-0100	For Oxidized Finish, Add	21.32	
10431-0026	EA	10" High x 1" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	142.88	8.04
	10MOD-0092	For Flush Wall Mounting, Deduct	-10.36	
	10MOD-0096	For Polished Finish, Add	38.74	
	10MOD-0100	For Oxidized Finish, Add	22.14	

10000 Specialties**10400 Identifying Devices****10431 Dimensional Characters**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10431-0027	EA		12" High x 1" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	177.26	9.33
	10MOD-0092		For Flush Wall Mounting, Deduct	-12.60	
	10MOD-0096		For Polished Finish, Add	48.97	
	10MOD-0100		For Oxidized Finish, Add	27.98	
10431-0028	EA		14" High x 1" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	214.24	10.62
	10MOD-0092		For Flush Wall Mounting, Deduct	-14.96	
	10MOD-0096		For Polished Finish, Add	60.11	
	10MOD-0100		For Oxidized Finish, Add	34.35	
10431-0029	EA		15" High x 1-1/4" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	265.54	12.87
	10MOD-0092		For Flush Wall Mounting, Deduct	-18.43	
	10MOD-0096		For Polished Finish, Add	74.91	
	10MOD-0100		For Oxidized Finish, Add	42.81	
10431-0030	EA		16" High x 1-1/4" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	296.17	13.84
	10MOD-0092		For Flush Wall Mounting, Deduct	-20.34	
	10MOD-0096		For Polished Finish, Add	84.28	
	10MOD-0100		For Oxidized Finish, Add	48.16	
10431-0031	EA		18" High x 1-1/2" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	338.95	16.09
	10MOD-0092		For Flush Wall Mounting, Deduct	-23.38	
	10MOD-0097		For Polished Finish, Add	123.56	
	10MOD-0101		For Oxidized Finish, Add	109.83	
10431-0032	EA		20" High x 1-1/2" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	385.88	18.11
	10MOD-0092		For Flush Wall Mounting, Deduct	-26.54	
	10MOD-0097		For Polished Finish, Add	141.06	
	10MOD-0101		For Oxidized Finish, Add	125.38	
10431-0033	EA		24" High x 1-1/2" Thick Cast Bronze Letters With Satin Finish And Mounted On Concrete.....	521.22	20.92
	10MOD-0092		For Flush Wall Mounting, Deduct	-34.43	
	10MOD-0098		For Polished Finish, Add	262.52	
	10MOD-0101		For Oxidized Finish, Add	175.02	
10431-0034			Molded Characters <small>(10431)</small>		
10431-0035			Molded Plastic Characters <small>(10431-0034)</small>		
10431-0036	EA		4" High x 3/4" Deep Molded Plastic Sign Letters	20.76	3.21
	10MOD-0102		For Flush Wall Mounting, Deduct	-2.33	
10431-0037	EA		5" High x 3/4" Deep Molded Plastic Sign Letters	22.53	3.54
	10MOD-0102		For Flush Wall Mounting, Deduct	-2.54	
10431-0038	EA		6" High x 3/4" Deep Molded Plastic Sign Letters	24.43	3.86
	10MOD-0102		For Flush Wall Mounting, Deduct	-2.77	
10431-0039	EA		8" High x 3/4" Deep Molded Plastic Sign Letters	31.18	4.18
	10MOD-0102		For Flush Wall Mounting, Deduct	-3.23	
10431-0040	EA		9" High x 3/4" Deep Molded Plastic Sign Letters	33.67	4.51
	10MOD-0102		For Flush Wall Mounting, Deduct	-3.49	
10431-0041	EA		10" High x 1" Deep Molded Plastic Sign Letters	36.42	4.83
	10MOD-0102		For Flush Wall Mounting, Deduct	-3.75	
10431-0042	EA		12" High x 1" Deep Molded Plastic Sign Letters	41.82	5.63
	10MOD-0102		For Flush Wall Mounting, Deduct	-4.34	
10431-0043	EA		15" High x 1" Deep Molded Plastic Sign Letters	55.02	7.09
	10MOD-0102		For Flush Wall Mounting, Deduct	-5.58	
10431-0044	EA		18" High x 1-1/2" Deep Molded Plastic Sign Letters	68.42	8.36
	10MOD-0102		For Flush Wall Mounting, Deduct	-6.77	
10431-0045	EA		24" High x 1-1/2" Deep Molded Plastic Sign Letters	96.66	10.30
	10MOD-0102		For Flush Wall Mounting, Deduct	-8.95	
10431-0046	EA		30" High x 1-1/2" Deep Molded Plastic Sign Letters	149.24	12.07
	10MOD-0102		For Flush Wall Mounting, Deduct	-12.29	
10431-0047	EA		36" High x 1-1/2" Deep Molded Plastic Sign Letters	177.80	13.84
	10MOD-0102		For Flush Wall Mounting, Deduct	-14.43	
10431-0048	EA		48" High x 1-1/2" Deep Molded Plastic Sign Letters	331.29	18.50
	10MOD-0102		For Flush Wall Mounting, Deduct	-23.97	
10431-0049			Cutout Characters <small>(10431)</small>		
10431-0050			Brass, Satin Finish Characters <small>(10431-0049)</small>		
10431-0051	EA		2" High x 1/4" Deep Brass Sign Letters, Satin Finish And Mounted On Concrete	45.98	4.02
	10MOD-0103		For Flush Wall Mounting, Deduct	-3.91	
	10MOD-0104		For Polished Finish, Add	8.97	
	10MOD-0105		For 3/8" Depth, Add	11.96	
	10MOD-0106		For 1/2" Depth, Add	26.90	
10431-0052	EA		4" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	50.66	4.67
	10MOD-0103		For Flush Wall Mounting, Deduct	-4.40	
	10MOD-0104		For Polished Finish, Add	9.60	
	10MOD-0105		For 3/8" Depth, Add	12.80	
	10MOD-0106		For 1/2" Depth, Add	28.80	
10431-0053	EA		6" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	73.98	5.63
	10MOD-0103		For Flush Wall Mounting, Deduct	-5.95	
	10MOD-0104		For Polished Finish, Add	15.44	
	10MOD-0105		For 3/8" Depth, Add	20.58	
	10MOD-0106		For 1/2" Depth, Add	46.31	
10431-0054	EA		8" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	98.31	6.44
	10MOD-0103		For Flush Wall Mounting, Deduct	-7.49	
	10MOD-0104		For Polished Finish, Add	21.77	
	10MOD-0105		For 3/8" Depth, Add	29.02	
	10MOD-0106		For 1/2" Depth, Add	65.30	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10431-0055	EA 10" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	126.52	7.25
	10MOD-0103 For Flush Wall Mounting, Deduct	-9.22	
	10MOD-0104 For Polished Finish, Add	29.27	
	10MOD-0105 For 3/8" Depth, Add	39.02	
	10MOD-0106 For 1/2" Depth, Add	87.80	
10431-0056	EA 12" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	161.37	8.36
	10MOD-0103 For Flush Wall Mounting, Deduct	-11.42	
	10MOD-0104 For Polished Finish, Add	38.37	
	10MOD-0105 For 3/8" Depth, Add	51.16	
	10MOD-0106 For 1/2" Depth, Add	115.11	
10431-0057	EA 14" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	202.86	9.66
	10MOD-0103 For Flush Wall Mounting, Deduct	-14.01	
	10MOD-0104 For Polished Finish, Add	49.27	
	10MOD-0105 For 3/8" Depth, Add	65.70	
	10MOD-0106 For 1/2" Depth, Add	147.82	
10431-0058	EA 16" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	251.59	11.59
	10MOD-0103 For Flush Wall Mounting, Deduct	-17.21	
	10MOD-0104 For Polished Finish, Add	61.57	
	10MOD-0105 For 3/8" Depth, Add	82.10	
	10MOD-0106 For 1/2" Depth, Add	184.72	
10431-0059	EA 18" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	302.63	12.87
	10MOD-0103 For Flush Wall Mounting, Deduct	-20.28	
	10MOD-0104 For Polished Finish, Add	75.34	
	10MOD-0105 For 3/8" Depth, Add	100.45	
	10MOD-0106 For 1/2" Depth, Add	226.02	
10431-0060	EA 20" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	359.84	14.48
	10MOD-0103 For Flush Wall Mounting, Deduct	-23.79	
	10MOD-0104 For Polished Finish, Add	90.57	
	10MOD-0105 For 3/8" Depth, Add	120.76	
	10MOD-0106 For 1/2" Depth, Add	271.72	
10431-0061	EA 22" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	420.86	15.29
	10MOD-0103 For Flush Wall Mounting, Deduct	-27.16	
	10MOD-0104 For Polished Finish, Add	107.91	
	10MOD-0105 For 3/8" Depth, Add	143.88	
	10MOD-0106 For 1/2" Depth, Add	323.73	
10431-0062	EA 24" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	488.18	16.09
	10MOD-0103 For Flush Wall Mounting, Deduct	-30.85	
	10MOD-0104 For Polished Finish, Add	127.14	
	10MOD-0105 For 3/8" Depth, Add	169.52	
	10MOD-0106 For 1/2" Depth, Add	381.43	
10431-0063	EA 30" High x 1/4" Deep Brass Sign Letters, Stain Finish And Mounted On Concrete	694.30	19.31
	10MOD-0103 For Flush Wall Mounting, Deduct	-42.44	
	10MOD-0104 For Polished Finish, Add	185.12	
	10MOD-0105 For 3/8" Depth, Add	246.82	
	10MOD-0106 For 1/2" Depth, Add	555.35	
10431-0064	Copper, Satin Finish Characters (10431-0049)		
10431-0065	EA 2" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	47.48	4.02
	10MOD-0103 For Flush Wall Mounting, Deduct	-3.98	
	10MOD-0107 For Polished Finish, Add	9.42	
	10MOD-0108 For 3/8" Depth, Add	9.42	
10431-0066	EA 4" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	52.26	4.67
	10MOD-0103 For Flush Wall Mounting, Deduct	-4.48	
	10MOD-0109 For Polished Finish, Add	11.76	
10431-0067	EA 6" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	76.56	5.63
	10MOD-0103 For Flush Wall Mounting, Deduct	-6.08	
	10MOD-0110 For Polished Finish, Add	21.61	
10431-0068	EA 8" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	102.15	6.44
	10MOD-0103 For Flush Wall Mounting, Deduct	-7.68	
	10MOD-0110 For Polished Finish, Add	30.56	
10431-0069	EA 10" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	131.29	7.25
	10MOD-0103 For Flush Wall Mounting, Deduct	-9.46	
	10MOD-0110 For Polished Finish, Add	40.93	
10431-0070	EA 12" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	167.77	8.36
	10MOD-0103 For Flush Wall Mounting, Deduct	-11.74	
	10MOD-0111 For Polished Finish, Add	60.44	
10431-0071	EA 14" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	211.07	9.66
	10MOD-0103 For Flush Wall Mounting, Deduct	-14.42	
	10MOD-0111 For Polished Finish, Add	77.60	
10431-0072	EA 16" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	261.86	11.59
	10MOD-0103 For Flush Wall Mounting, Deduct	-17.73	
	10MOD-0111 For Polished Finish, Add	96.98	
10431-0073	EA 18" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	315.19	12.87
	10MOD-0103 For Flush Wall Mounting, Deduct	-20.91	
	10MOD-0111 For Polished Finish, Add	118.66	
10431-0074	EA 20" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	374.94	14.48
	10MOD-0103 For Flush Wall Mounting, Deduct	-24.54	
	10MOD-0111 For Polished Finish, Add	142.65	
10431-0075	EA 22" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	438.85	15.29
	10MOD-0103 For Flush Wall Mounting, Deduct	-28.06	
	10MOD-0111 For Polished Finish, Add	169.96	
10431-0076	EA 24" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete	509.37	16.09
	10MOD-0103 For Flush Wall Mounting, Deduct	-31.91	
	10MOD-0111 For Polished Finish, Add	200.25	

10000 Specialties**10400 Identifying Devices****10431 Dimensional Characters**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10431-0077 EA 30" High x 1/4" Deep Copper Sign Letters, Stain Finish And Mounted On Concrete.....	725.16	19.31
10MOD-0103 For Flush Wall Mounting, Deduct	-43.98	
10MOD-0111 For Polished Finish, Add	291.56	
10431-0078 Stainless Steel, Satin Finish Characters (10431-0049)		
10431-0079 EA 2" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	46.85	4.02
10MOD-0103 For Flush Wall Mounting, Deduct	-3.95	
10MOD-0112 For Polished Finish, Add	9.23	
10MOD-0113 For 3/8" Depth, Add	12.30	
10MOD-0114 For 1/2" Depth, Add	26.15	
10431-0080 EA 4" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	51.80	4.67
10MOD-0103 For Flush Wall Mounting, Deduct	-4.46	
10MOD-0112 For Polished Finish, Add	9.94	
10MOD-0113 For 3/8" Depth, Add	13.26	
10MOD-0114 For 1/2" Depth, Add	28.17	
10431-0081 EA 6" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	68.39	5.63
10MOD-0103 For Flush Wall Mounting, Deduct	-5.67	
10MOD-0112 For Polished Finish, Add	13.76	
10MOD-0113 For 3/8" Depth, Add	18.34	
10MOD-0114 For 1/2" Depth, Add	38.98	
10431-0082 EA 8" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	86.51	6.44
10MOD-0103 For Flush Wall Mounting, Deduct	-6.90	
10MOD-0112 For Polished Finish, Add	18.23	
10MOD-0113 For 3/8" Depth, Add	24.30	
10MOD-0114 For 1/2" Depth, Add	51.65	
10431-0083 EA 10" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	106.62	7.25
10MOD-0103 For Flush Wall Mounting, Deduct	-8.23	
10MOD-0112 For Polished Finish, Add	23.30	
10MOD-0113 For 3/8" Depth, Add	31.06	
10MOD-0114 For 1/2" Depth, Add	66.01	
10431-0084 EA 12" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	130.88	8.36
10MOD-0103 For Flush Wall Mounting, Deduct	-9.89	
10MOD-0112 For Polished Finish, Add	29.22	
10MOD-0113 For 3/8" Depth, Add	38.96	
10MOD-0114 For 1/2" Depth, Add	82.80	
10431-0085 EA 14" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	157.40	9.66
10MOD-0103 For Flush Wall Mounting, Deduct	-11.73	
10MOD-0112 For Polished Finish, Add	35.63	
10MOD-0113 For 3/8" Depth, Add	47.51	
10MOD-0114 For 1/2" Depth, Add	100.96	
10431-0086 EA 16" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	189.24	11.59
10MOD-0103 For Flush Wall Mounting, Deduct	-14.10	
10MOD-0112 For Polished Finish, Add	42.87	
10MOD-0113 For 3/8" Depth, Add	57.16	
10MOD-0114 For 1/2" Depth, Add	121.46	
10431-0087 EA 18" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	221.06	12.87
10MOD-0103 For Flush Wall Mounting, Deduct	-16.20	
10MOD-0112 For Polished Finish, Add	50.87	
10MOD-0113 For 3/8" Depth, Add	67.82	
10MOD-0114 For 1/2" Depth, Add	144.13	
10431-0088 EA 20" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	258.92	14.48
10MOD-0103 For Flush Wall Mounting, Deduct	-18.74	
10MOD-0112 For Polished Finish, Add	60.30	
10MOD-0113 For 3/8" Depth, Add	80.40	
10MOD-0114 For 1/2" Depth, Add	170.84	
10431-0089 EA 22" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	302.79	15.29
10MOD-0103 For Flush Wall Mounting, Deduct	-21.26	
10MOD-0112 For Polished Finish, Add	72.49	
10MOD-0113 For 3/8" Depth, Add	96.65	
10MOD-0114 For 1/2" Depth, Add	205.39	
10431-0090 EA 24" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	347.86	16.09
10MOD-0103 For Flush Wall Mounting, Deduct	-23.83	
10MOD-0112 For Polished Finish, Add	85.05	
10MOD-0113 For 3/8" Depth, Add	113.40	
10MOD-0114 For 1/2" Depth, Add	240.97	
10431-0091 EA 30" High x 1/4" Deep Stainless Steel Sign Letters, Stain Finish And Mounted On Concrete.....	481.13	19.31
10MOD-0103 For Flush Wall Mounting, Deduct	-31.78	
10MOD-0112 For Polished Finish, Add	121.16	
10MOD-0113 For 3/8" Depth, Add	161.55	
10MOD-0114 For 1/2" Depth, Add	343.30	

10440 Signs And Letters (10400)**10440-0001 Self-Stick Adhesive Labels Or Signs (10440)**

10440-0002 EA 5" Wide x 3-1/2" High Self-Stick Graphic Label.....	5.30
10440-0003 EA 9" Wide x 2" High Self-Stick Sign.....	15.24

10440-0004 Interior Door Signs (10440)**10440-0005 Adhesive Door Signs (10440-0004)****10440-0006 Flexible Door Signs, Sticker Type (10440-0005)**



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10440-0007	EA	2" x 8" Flexible Adhesive Door Sign	40.44	6.43
	10440-0008	EA	4" x 4" Flexible Adhesive Door Sign	40.44	6.43
	10440-0009	EA	6" x 7" Flexible Adhesive Door Sign	43.20	6.43
	10440-0010	EA	6" x 9" Flexible Adhesive Door Sign	44.58	6.43
	10440-0011	EA	10" x 9" Flexible Adhesive Door Sign	51.47	6.43
	10440-0012	EA	10" x 12" Flexible Adhesive Door Sign	54.23	6.43
	10440-0013	SF	Special Decals - Custom.....	50.42	16.09
10440-0014			Hard Plastic Type, No Frame <small>(10440-0005)</small>		
	10440-0015	EA	3" x 8" Hard Plastic Door Sign Adhesive Without Frame	44.02	6.43
		10MOD-0115	For Sign With Braille, Add	1.78	
	10440-0016	EA	3-1/2" x 8-1/2" Hard Plastic Door Sign Adhesive Without Frame	45.09	6.43
		10MOD-0115	For Sign With Braille, Add	1.94	
	10440-0017	EA	4" x 4" Hard Plastic Door Sign Adhesive Without Frame	44.02	6.43
		10MOD-0115	For Sign With Braille, Add	1.78	
	10440-0018	EA	4" x 12" Hard Plastic Door Sign Adhesive Without Frame	50.74	6.43
		10MOD-0115	For Sign With Braille, Add	2.79	
10440-0019			Hard Plastic Type With Frame <small>(10440-0005)</small>		
	10440-0020	EA	3" x 8" Hard Plastic Door Sign Adhesive With Frame	55.87	6.43
		10MOD-0115	For Sign With Braille, Add	3.56	
	10440-0021	EA	4" x 4" Hard Plastic Door Sign Adhesive With Frame	55.87	6.43
		10MOD-0115	For Sign With Braille, Add	3.56	
	10440-0022	EA	4" x 12" Hard Plastic Door Sign Adhesive With Frame	65.99	6.43
		10MOD-0115	For Sign With Braille, Add	5.07	
10440-0023			Sign Blanks, Mounted With Screws Or Adhesive Foam Tape <small>(10440-0005)</small>		
			Note: Assorted custom colors, rounded corners. Excludes frame.		
	10440-0024	SF	Sign Blank, Without Frame, Assorted Colors, With Rounded Corners	13.02	1.28
10440-0025			Removal And Reinstallation Of Building Signage <small>(10440)</small>		
			Note: Includes storage and cleaning		
	10440-0026	EA	Remove And Reinstall Building Signage, Exterior Up To 4 SF	112.70	
	10440-0027	EA	Remove And Reinstall Building Signage, Exterior > 4 SF To 12 SF	129.81	
	10440-0028	EA	Remove And Reinstall Building Signage, > 12 SF To 20 SF	145.92	
	10440-0029	EA	Remove And Reinstall Interior Door And Office Signage, Up To 4SF	48.27	
10440-0030			Building Sign <small>(10440)</small>		
			Note: Includes 4" numbers painted on. Installed on building.		
	10440-0031	EA	6" x 18" Metal Building Sign With Numbers	140.21	19.31
	10440-0032	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts.....	32.74	4.51
	10440-0033	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	24.09	4.18
	10440-0034	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	12.75	3.54
	10440-0035	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	14.54	3.86
	10440-0036	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	15.91	4.18
	10440-0037	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	18.44	4.51
10440-0038			Letters, Vinyl, Adhesive Backed, Mounted On Aluminum Or Plastic <small>(10440)</small>		
			Note: Any font or color, capital, lower case, number, symbol, punctuation mark. Includes mounting on sign.		
	10440-0039	EA	1/2" High Vinyl Letter, Adhesive Backed.....	1.53	0.64
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.22	
	10440-0040	EA	3/4" High Vinyl Letter, Adhesive Backed.....	1.66	0.74
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.25	
	10440-0041	EA	1" High Vinyl Letter, Adhesive Backed.....	1.78	0.83
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.28	
	10440-0042	EA	1-1/2" High Vinyl Letter, Adhesive Backed	2.67	0.96
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.42	
	10440-0043	EA	2" High Vinyl Letter, Adhesive Backed.....	2.92	1.12
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.48	
	10440-0044	EA	3" High Vinyl Letter, Adhesive Backed.....	4.07	1.28
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.68	
	10440-0045	EA	4" High Vinyl Letter, Adhesive Backed.....	4.56	1.44
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.80	
	10440-0046	EA	6" High Vinyl Letter, Adhesive Backed.....	6.20	1.61
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.13	
	10440-0047	EA	8" High Vinyl Letter, Adhesive Backed.....	7.19	1.77
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.38	
	10440-0048	EA	10" High Vinyl Letter, Adhesive Backed.....	9.81	1.93
		10MOD-0116	For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.95	
10440-0049			Logo, Multi-Color, Silk Screened, On Adhesive Backed Vinyl <small>(10440)</small>		
			Note: Includes mounting on sign.		
	10440-0050	EA	4" Wide X 6" High Logo, Multi-Color, Silk Screened, On Adhesive Backed Vinyl	199.04	96.52
	10440-0051	EA	8" Wide X 10" High Logo, Multi-Color, Silk Screened, On Adhesive Backed Vinyl	269.38	128.70
	10440-0052	EA	12" Wide X 15" High Logo, Multi-Color, Silk Screened, On Adhesive Backed Vinyl	339.71	160.88

10000 Specialties
10400 Identifying Devices
10440 Signs And Letters



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10440-0053	EA	18" Wide X 22" High Logo, Multi-Color, Silk Screened, On Adhesive Backed Vinyl.....	410.05	193.12
10440-0054		Other Signage <small>(10440)</small>		
10440-0055		Signage <small>(10440-0054)</small>		
		Note: Includes lettering		
10440-0056	SF	Aluminum Sheet And Fitting	33.91	6.44
		<i>10MOD-0118 For Anodized, Add</i>	3.58	
		<i>10MOD-0119 For Curved Signage, Add</i>	3.94	
		<i>10MOD-0120 For Each SI Of Braille-Tactile, Add</i>	0.55	
10440-0057	SF	Steel Sheet And Fitting	35.77	6.44
		<i>10MOD-0117 For Galvanized, Add</i>	3.43	
		<i>10MOD-0119 For Curved Signage, Add</i>	4.26	
		<i>10MOD-0120 For Each SI Of Braille-Tactile, Add</i>	0.55	
10440-0058	SF	Stainless Steel Sign With Stainless Steel Bolts	77.85	11.27
		<i>10MOD-0119 For Curved Signage, Add</i>	10.13	
		<i>10MOD-0120 For Each SI Of Braille-Tactile, Add</i>	0.55	
10440-0059	SF	Acrylic Signs With Graphics	32.64	8.05
		<i>10MOD-0119 For Curved Signage, Add</i>	3.22	
		<i>10MOD-0120 For Each SI Of Braille-Tactile, Add</i>	0.55	
10440-0060	SF	Translucent And Opaque Fiberglass Sign	34.28	8.05
		<i>10MOD-0119 For Curved Signage, Add</i>	3.50	
		<i>10MOD-0120 For Each SI Of Braille-Tactile, Add</i>	0.55	
10440-0061	SF	Manganese Sign With Raised Letters, Chemical Process	54.81	9.66
		<i>10MOD-0120 For Each SI Of Braille-Tactile, Add</i>	0.55	
10440-0062	SF	Silk Screen	40.94	12.88
10440-0063	SI	Repair Of Existing Fiberglass Signage, Per Square Inch.....	4.63	0.90
10440-0064	EA	Film Positive From Service Bureau, 8.5" X 11"	15.21	
10440-0065	EA	11" x 17" Film Positive From Service Bureau.....	30.42	
10440-0066	EA	1" x 3" Aluminum Plates, Adhesive Or Screw Anchored.....	1.88	
10440-0067	EA	Etching For Aluminum Plates, Per Letter	0.14	
10440-0068		Signage Per ADA Guidelines <small>(10440-0054)</small>		
		Note: Tactile/Braille signs include fasteners, Braille, tactile, and lettering as required per specifications.		
10440-0069	EA	2" x 6" Plastic Room Number Panel.....	32.94	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	4.21	
10440-0070	EA	2-1/4" x 6-3/4" Plastic Room Number Plate	33.58	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	4.37	
10440-0071	EA	3" x 3" Plastic Room Number Panel.....	30.84	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	3.69	
10440-0072	EA	2-1/4" x 8-1/4" Plastic Stair/Floor Markers	37.96	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	5.47	
10440-0073	EA	3-3/4" x 3-3/4" Plastic Elevator Door Jamb	33.58	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	4.37	
10440-0074	EA	3-3/4" x 6-3/4" Plastic Restroom Number/ Designation.....	42.33	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	6.56	
10440-0075	EA	6-3/4" x 6-3/4" Plastic Access Symbol, With 3-1/2" Symbol.....	46.70	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	7.65	
10440-0076	EA	6-3/4" x 6-3/4" Plastic Man/Woman Symbol, With 3-1/2" Symbol	46.70	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	7.65	
10440-0077	EA	3-3/4" x 6-3/4" Plastic Restroom Non-Accessible	71.19	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	13.78	
10440-0078	EA	6-3/4" x 6-3/4" Plastic Restroom Non-Accessible	94.81	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	19.68	
10440-0079	EA	6-3/4" x 6-3/4" Plastic "Nearest Accessible Restroom" Plate	61.46	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	11.34	
10440-0080	EA	5-3/4" x 7-1/2" Plastic Slot Sign/Room, 1 Slot, 1 Insert.....	78.45	9.66
		<i>10MOD-0173 For Aluminum Sign, Add</i>	14.79	
10440-0081	EA	5-3/4" x 7-1/2" Plastic Slot Sign/Room, 2 Slots , 2 Inserts	92.02	9.66
		<i>10MOD-0173 For Aluminum Sign, Add</i>	18.18	
10440-0082	EA	7-1/4" x 7-1/2" Plastic Slot Sign/Room, 3 Slots , 3 Inserts	116.28	11.27
		<i>10MOD-0173 For Aluminum Sign, Add</i>	23.44	
10440-0083	EA	8-3/4" x 7-1/2" Plastic Slot Sign/Room, 4 Slots , 4 Inserts	133.89	11.27
		<i>10MOD-0173 For Aluminum Sign, Add</i>	27.84	
10440-0084	EA	10-1/4" x 7-1/2" Plastic Slot Sign/Room, 5 Slots , 5 Inserts	144.98	11.27
		<i>10MOD-0173 For Aluminum Sign, Add</i>	30.61	
10440-0085	EA	1-1/4" x 7-1/2" Plastic Small Engraved Insert Only	29.48	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	3.35	
10440-0086	EA	2-1/4" x 7-1/2" Plastic Large Engraved Insert Only	31.40	8.04
		<i>10MOD-0173 For Aluminum Sign, Add</i>	3.83	
10440-0087	SI	Up To 1" Plastic Standard Engraved Signs, Black Gravoply/White Copy	0.33	0.06
		<i>10MOD-0173 For Aluminum Sign, Add</i>	0.06	
10440-0088	IN	For Braille Characters On Custom Signage (4 Characters Per Inch).....	0.86	
10440-0089	EA	3" x 3" Plastic Number Panel With 3" x 9" Plastic Room Name Panel	66.71	9.66
		<i>10MOD-0173 For Aluminum Sign, Add</i>	11.85	
10440-0090	EA	3" x 3" Plastic Number Panel With 2 - 3" x 9" Plastic Room Name Panels And 3" x 3" Plastic Note Pad	87.78	9.66
		<i>10MOD-0173 For Aluminum Sign, Add</i>	17.12	
10440-0091	EA	3" x 3" Plastic Number Panel With 3" x 9" Plastic Changeable Insert Identification Holder.....	66.71	9.66
		<i>10MOD-0173 For Aluminum Sign, Add</i>	11.85	
10440-0092	EA	3" x 3" Plastic Number Panel With 3" x 9" Plastic Room Name Panel, 3" x 9" Plastic Changeable Identification Insert Holder And 3" x 3" Plastic Note Pad	87.78	9.66
		<i>10MOD-0173 For Aluminum Sign, Add</i>	17.12	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10440-0093	EA	3" x 3" Plastic Conference Room Identification Panel (In Use) With 3" x 9" Plastic Room Name Panel As Slide To Cover (In Use) When Room Is Vacant	66.71	9.66
	10MOD-0173	For Aluminum Sign, Add	11.85	
10440-0094	EA	6" x 9" Plastic Panel Symbol With Message, (Men, Women, Stairs, Etcetera)	47.69	8.04
	10MOD-0173	For Aluminum Sign, Add	7.90	
10440-0095	EA	9" x 9" Plastic Panel Symbol With Message, (Area of Rescue Assistance)	52.96	8.04
	10MOD-0173	For Aluminum Sign, Add	9.22	
10440-0096	EA	9" x 9" Plastic Panel Symbol With Message, (Symbol With Right Angle Mount)	52.96	8.04
	10MOD-0173	For Aluminum Sign, Add	9.22	
10440-0097	EA	6" x 9" Plastic Panel Symbol With Message, (Assistive Listening System) Wall Or Door Mount	48.74	8.04
	10MOD-0173	For Aluminum Sign, Add	8.16	
10440-0098	EA	10-1/2" x 10-1/2" Plastic Panel Symbol With Message, (Accessible Entrance)	58.22	8.04
	10MOD-0173	For Aluminum Sign, Add	10.53	
10440-0099	EA	10" x 14" Plastic Panel Symbol With Message	69.99	8.69
	10MOD-0173	For Aluminum Sign, Add	13.15	
10440-0100	EA	12" x 12" Plastic Panel Symbol With Message	71.50	8.69
	10MOD-0173	For Aluminum Sign, Add	13.53	
10440-0101	EA	12" x 14" Plastic Panel Symbol With Message	77.97	9.01
	10MOD-0173	For Aluminum Sign, Add	14.99	
10440-0102	EA	12" x 16" Plastic Panel Symbol With Message	83.12	9.01
	10MOD-0173	For Aluminum Sign, Add	16.28	
10440-0103	EA	12" x 18" Plastic Panel Symbol With Message	88.87	9.66
	10MOD-0173	For Aluminum Sign, Add	17.39	
10440-0104	EA	14" x 20" Plastic Panel Symbol With Message	106.28	10.30
	10MOD-0173	For Aluminum Sign, Add	21.42	
10440-0105	EA	6" x 6" Plastic Floor Level Identification Panel	47.69	8.04
	10MOD-0173	For Aluminum Sign, Add	7.90	
10440-0106	EA	9" x 9" Plastic Elevator Warning Panel, (In Case Of Fire...)	52.96	8.04
	10MOD-0173	For Aluminum Sign, Add	9.22	
10440-0107	EA	3" x 9" Plastic Safety/Hazard Identification Panel, (Fire Door, Not An Exit, Employees Only)	42.42	8.04
	10MOD-0173	For Aluminum Sign, Add	6.58	
10440-0108	EA	4" x 9" Plastic Safety/Hazard Identification Panel, (Fire Door, Not An Exit, Employees Only)	47.69	8.04
	10MOD-0173	For Aluminum Sign, Add	7.90	
10440-0109	EA	6-1/2" x 14" Plastic Hazardous Material Information Holder, Changeable 3 Slots, Frameless	64.66	11.27
	10MOD-0173	For Aluminum Sign, Add	10.53	
10440-0110	EA	18" x 24" Plastic Double Column Stack Signage With 2" x 12" Plastic Changeable Inserts	77.24	9.66
	10MOD-0173	For Aluminum Sign, Add	14.48	
10440-0111	EA	12" x 18" Directory With 2" x 18" Plastic Changeable Inserts	103.58	9.66
	10MOD-0173	For Aluminum Sign, Add	21.07	
10440-0112	EA	8" x 15" Plastic Suite Identifier With 2" x 15" Plastic Changeable Insert Holder	82.51	9.66
	10MOD-0173	For Aluminum Sign, Add	15.80	
10440-0113	EA	11" x 14" Plastic Directory Signage With 4 - 2" x 14" Plastic Changeable Inserts	82.51	9.66
	10MOD-0173	For Aluminum Sign, Add	15.80	
10440-0114	EA	9" x 27" Or 9-1/2" x 27" Plastic Room Name For Special Conditions, Wall Mounted	61.44	9.66
	10MOD-0173	For Aluminum Sign, Add	10.53	
10440-0115	EA	9" x 27" Or 9-1/2" x 27" Plastic Room Name For Special Conditions, Ceiling Hung	67.88	12.87
	10MOD-0173	For Aluminum Sign, Add	10.53	
10440-0116	EA	4" x 14" Plastic Fire Safety Signage	26.77	8.04
		Note: Various wording and symbols; Arrow with words "Fire Extinguisher", "CO2 Fire Extinguisher", "Fire Equipment Control Access", etc.		
	10MOD-0173	For Aluminum Sign, Add	2.67	
10440-0117	EA	4" x 18" Plastic Fire Safety Signage	27.74	8.04
		Note: Various wording and symbols; Arrow with words "Fire Extinguisher", "CO2 Fire Extinguisher", "Fire Equipment Control Access", etc.		
	10MOD-0173	For Aluminum Sign, Add	2.91	
10440-0118	EA	6" x 24" Plastic Fire Safety Signage	31.62	8.04
		Note: Various wording and symbols; Arrow with words "Fire Extinguisher", "CO2 Fire Extinguisher", "Fire Equipment Control Access", etc.		
	10MOD-0173	For Aluminum Sign, Add	3.88	
10440-0119	EA	10" x 7" Plastic Fire Safety Signage	26.77	8.04
		Note: Various wording; "FDC", "Fire Alarm Panel", "Fire Department Connection", "Fire Control Valve", "Fire Main Valve", "Alarm Test", "Fire Inspection Test", etc.		
	10MOD-0173	For Aluminum Sign, Add	2.67	
10440-0120	EA	14" x 10" Plastic Fire Safety Signage	34.86	8.69
		Note: Various wording; "FDC", "Fire Alarm Panel", "Fire Department Connection", "Fire Control Valve", "Fire Main Valve", "Alarm Test", "Fire Inspection Test", etc.		
	10MOD-0173	For Aluminum Sign, Add	4.37	
10440-0121	EA	20" x 14" Plastic Fire Safety Signage	57.49	10.30
		Note: Various wording; "FDC", "Fire Alarm Panel", "Fire Department Connection", "Fire Control Valve", "Fire Main Valve", "Alarm Test", "Fire Inspection Test", etc.		
	10MOD-0173	For Aluminum Sign, Add	9.22	
10440-0122	EA	28" x 20" Plastic Fire Safety Signage	81.42	11.59
		Note: Various wording; "FDC", "Fire Alarm Panel", "Fire Department Connection", "Fire Control Valve", "Fire Main Valve", "Alarm Test", "Fire Inspection Test", etc.		
	10MOD-0173	For Aluminum Sign, Add	14.56	

10450 Pedestrian Control Devices (10000)

10453 Rotary Gates, Full Height Pedestrian Turnstiles (10450)

10453-0001 Access Control Indoor Or Outdoor Impenetrability (10453)

10453-0002 Mechanical (10453-0001)

10000 Specialties**10450 Pedestrian Control Devices****10453 Rotary Gates, Full Height Pedestrian Turnstiles**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10453-0003		Galvanized Steel (10453-0002)		
10453-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	5,994.01	821.43
10453-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	6,745.92	821.43
10453-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	13,354.01	1,225.53
10453-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	12,939.55	1,225.53
10453-0008		Powder Coated Steel (10453-0002)		
10453-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	6,755.60	821.43
10453-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	7,478.49	821.43
10453-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	15,718.96	1,225.53
10453-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	14,188.86	1,225.53
10453-0013		Anodized Aluminum (10453-0002)		
10453-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	7,085.94	821.43
10453-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	12,146.18	821.43
10453-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	14,128.05	1,225.53
10453-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	23,659.70	1,225.53
10453-0018		Stainless Steel (10453-0002)		
10453-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	11,087.41	821.43
10453-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	12,422.62	821.43
10453-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	17,777.05	1,225.53
10453-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	22,117.16	1,225.53
10453-0023		Transparent (10453-0002)		
10453-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	21,821.58	821.55
10453-0025		Mechanical Options (10453-0001)		
10453-0026	EA	Out-of-Use Lock Option, Add	117.49	
10453-0027	EA	Heel Protector (Each Heel Protector), Add	82.93	
10453-0028		Electrical, One-Way (10453-0001)		
10453-0029		Galvanized Steel (10453-0028)		
10453-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	6,327.12	821.43
10453-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	7,080.41	821.43
10453-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	14,597.99	1,225.53
10453-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,477.03	1,225.53
10453-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	14,597.99	1,225.53
10453-0035		Powder Coated Steel (10453-0028)		
10453-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	7,087.33	821.43
10453-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	7,929.09	821.43
10453-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	19,448.13	1,225.53
10453-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	14,733.45	1,225.53
10453-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	15,857.18	1,225.53
10453-0041		Anodized Aluminum (10453-0028)		
10453-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	7,225.55	821.43
10453-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	7,654.03	821.43
10453-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	12,560.84	821.43
10453-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	14,889.64	1,225.53
10453-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,533.07	1,225.53
10453-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	24,377.06	1,225.53
10453-0048		Stainless Steel (10453-0028)		
10453-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	11,785.42	821.43
10453-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	12,600.92	821.43
10453-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	20,370.06	1,225.53
10453-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,182.84	1,225.53
10453-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	25,531.20	1,225.53
10453-0054		Transparent (10453-0028)		
10453-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	19,918.29	821.55
10453-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	21,073.81	821.55



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10453-0057 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	21,578.31	821.55
10453-0058 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	35,469.21	1,225.53
10453-0059 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	37,694.56	1,225.53
10453-0060 Electrical, Two-Way (10453-0001)		
10453-0061 Galvanized Steel (10453-0060)		
10453-0062 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	6,808.12	821.43
10453-0063 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	7,583.54	821.43
10453-0064 EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	17,240.76	1,225.53
10453-0065 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	14,335.38	1,225.53
10453-0066 Powder Coated Steel (10453-0060)		
10453-0067 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	7,508.90	821.43
10453-0068 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	8,399.03	821.43
10453-0069 EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	19,865.56	1,225.53
10453-0070 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	15,598.71	1,225.53
10453-0071 Anodized Aluminum (10453-0060)		
10453-0072 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	7,699.64	821.43
10453-0073 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,108.77	821.43
10453-0074 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	13,112.34	821.43
10453-0075 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,855.80	1,225.53
10453-0076 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	25,274.11	1,225.53
10453-0077 Stainless Steel (10453-0060)		
10453-0078 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	12,252.61	821.43
10453-0079 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	13,081.93	821.43
10453-0080 EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	20,712.85	1,225.53
10453-0081 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,873.94	1,225.53
10453-0082 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	26,484.91	1,225.53
10453-0083 Transparent (10453-0060)		
10453-0084 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	20,319.13	821.55
10453-0085 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	21,405.54	821.55
10453-0086 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	22,028.91	821.55
10453-0087 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	36,312.36	1,225.53
10453-0088 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	38,385.66	1,225.53
10453-0089 Electrical Options (10453-0001)		
10453-0090 EA Additional Set Of Electric Controls, Per Rotor, Add	460.27	
10453-0091 EA Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	323.43	
10453-0092 EA Time-Out-Relay, Per Controlled Direction.....	106.43	
10453-0093 EA Pulse-Relay, Per Controlled Direction	106.43	
10453-0094 EA Pushbutton, Per Controlled Direction.....	84.31	
10453-0095 EA Heel Protectors, (Per Heel Protector), Add	82.93	
10453-0096 EA Card Reader Mounting Pad, Per Reader	76.02	
10453-0097 EA Hydraulic Speed Control (Per Rotor), Add.....	1,930.93	
10453-0098 Relocate Rotary Gate (10453-0001)		
10453-0099 EA Relocate Rotary Gate	2,412.92	
10454 Turnstiles (10450)		
10454-0001 Security Turnstiles (10454)		
10454-0002 EA 7' Security Turnstile With Automatic Control Free Turning	6,126.81	407.69
Note: One direction, Type B.		
10454-0003 EA 7' Security Turnstile, Type B Free Turning In Both Directions	5,384.71	407.69
10454-0004 EA 7' Security Turnstile With Automatic Control Free Turning	7,278.16	407.69
Note: One direction, Type AA.		
10454-0005 EA 7' Security Turnstile, Type AA Free Turning In Both Directions.....	6,598.71	407.69
10454-0006 Turnstiles (10454)		
10454-0007 EA 24" Diameter Manual Turnstile, Three Arm, Two Way.....	1,336.31	243.93
10454-0008 EA 24" Diameter Manual Turnstile, Three Arm, Two Way With Counter.....	1,725.50	243.93

10000 Specialties**10500 Lockers**

10454 Turnstiles

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST10500 Lockers (10000)10501 Institutional And Corridor Lockers (10500)10501-0001 Institutional And Corridor Lockers (10501)

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10501-0002 Single Tier Institutional Or Corridor Locker (10501-0001)

Note: Includes one hat shelf, three single hooks and one double hook.

10501-0003	EA 12" x 12" x 48" Single Tier Institutional Or Corridor Locker	166.19	19.96
	10MOD-0001 For > 50 To 100, Deduct	-6.31	
	10MOD-0002 For > 100, Deduct	-13.83	
	10MOD-0121 For 14 Gauge Doors, Add	10.10	
10501-0004	EA 12" x 15" x 48" Single Tier Institutional Or Corridor Locker	171.19	19.96
	10MOD-0001 For > 50 To 100, Deduct	-6.56	
	10MOD-0002 For > 100, Deduct	-14.33	
	10MOD-0121 For 14 Gauge Doors, Add	10.50	
10501-0005	EA 12" x 18" x 48" Single Tier Institutional Or Corridor Locker	176.18	19.96
	10MOD-0001 For > 50 To 100, Deduct	-6.81	
	10MOD-0002 For > 100, Deduct	-14.82	
	10MOD-0121 For 14 Gauge Doors, Add	10.90	
10501-0006	EA 12" x 12" x 60" Single Tier Institutional Or Corridor Locker	157.04	19.96
	10MOD-0001 For > 50 To 100, Deduct	-5.86	
	10MOD-0002 For > 100, Deduct	-12.91	
	10MOD-0121 For 14 Gauge Doors, Add	9.37	
10501-0007	EA 12" x 15" x 60" Single Tier Institutional Or Corridor Locker	163.25	19.96
	10MOD-0001 For > 50 To 100, Deduct	-6.17	
	10MOD-0002 For > 100, Deduct	-13.53	
	10MOD-0121 For 14 Gauge Doors, Add	9.87	
10501-0008	EA 12" x 18" x 60" Single Tier Institutional Or Corridor Locker	171.74	19.96
	10MOD-0001 For > 50 To 100, Deduct	-6.59	
	10MOD-0002 For > 100, Deduct	-14.38	
	10MOD-0121 For 14 Gauge Doors, Add	10.55	
10501-0009	EA 12" x 12" x 72" Single Tier Institutional Or Corridor Locker	171.21	20.60
	10MOD-0001 For > 50 To 100, Deduct	-6.50	
	10MOD-0002 For > 100, Deduct	-14.24	
	10MOD-0121 For 14 Gauge Doors, Add	10.40	
10501-0010	EA 12" x 15" x 72" Single Tier Institutional Or Corridor Locker	176.36	20.60
	10MOD-0001 For > 50 To 100, Deduct	-6.76	
	10MOD-0002 For > 100, Deduct	-14.75	
	10MOD-0121 For 14 Gauge Doors, Add	10.81	
10501-0011	EA 12" x 18" x 72" Single Tier Institutional Or Corridor Locker	181.38	20.60
	10MOD-0001 For > 50 To 100, Deduct	-7.01	
	10MOD-0002 For > 100, Deduct	-15.25	
	10MOD-0121 For 14 Gauge Doors, Add	11.21	
10501-0012	EA 15" x 15" x 72" Single Tier Institutional Or Corridor Locker	190.03	20.60
	10MOD-0001 For > 50 To 100, Deduct	-7.44	
	10MOD-0002 For > 100, Deduct	-16.12	
	10MOD-0121 For 14 Gauge Doors, Add	11.91	
10501-0013	EA 15" x 18" x 72" Single Tier Institutional Or Corridor Locker	198.60	20.60
	10MOD-0001 For > 50 To 100, Deduct	-7.87	
	10MOD-0002 For > 100, Deduct	-16.98	
	10MOD-0121 For 14 Gauge Doors, Add	12.59	
10501-0014	EA 18" x 18" x 72" Single Tier Institutional Or Corridor Locker	207.68	20.60
	10MOD-0001 For > 50 To 100, Deduct	-8.32	
	10MOD-0002 For > 100, Deduct	-17.88	
	10MOD-0121 For 14 Gauge Doors, Add	13.32	
10501-0015	EA 18" x 21" x 72" Single Tier Institutional Or Corridor Locker	216.06	20.60
	10MOD-0001 For > 50 To 100, Deduct	-8.74	
	10MOD-0002 For > 100, Deduct	-18.72	
	10MOD-0121 For 14 Gauge Doors, Add	13.99	
10501-0016	EA 24" x 24" x 72" Single Tier Institutional Or Corridor Locker	292.64	20.60
	10MOD-0001 For > 50 To 100, Deduct	-12.57	
	10MOD-0002 For > 100, Deduct	-26.38	
	10MOD-0121 For 14 Gauge Doors, Add	20.12	
10501-0017	Two Tier Institutional Or Corridor Locker <small>(10501-0001)</small>		
	Note: Includes three single hooks and one double hook per tier.		
10501-0018	EA 12" x 12" x 60" Two Tier Institutional Or Corridor Locker	185.70	20.60
	10MOD-0001 For > 50 To 100, Deduct	-7.23	
	10MOD-0002 For > 100, Deduct	-15.69	
	10MOD-0122 For 14 Gauge Doors, Add	15.90	
10501-0019	EA 12" x 15" x 60" Two Tier Institutional Or Corridor Locker	189.61	20.60
	10MOD-0001 For > 50 To 100, Deduct	-7.42	
	10MOD-0002 For > 100, Deduct	-16.08	
	10MOD-0122 For 14 Gauge Doors, Add	16.33	
10501-0020	EA 12" x 18" x 60" Two Tier Institutional Or Corridor Locker	193.55	20.60
	10MOD-0001 For > 50 To 100, Deduct	-7.62	
	10MOD-0002 For > 100, Deduct	-16.47	
	10MOD-0122 For 14 Gauge Doors, Add	16.76	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10501-0021	EA 12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	194.17	21.24
	10MOD-0001 For > 50 To 100, Deduct	-7.58	
	10MOD-0002 For > 100, Deduct	-16.44	
	10MOD-0122 For 14 Gauge Doors, Add	16.68	
10501-0022	EA 12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	202.72	21.24
	10MOD-0001 For > 50 To 100, Deduct	-8.01	
	10MOD-0002 For > 100, Deduct	-17.30	
	10MOD-0122 For 14 Gauge Doors, Add	17.63	
10501-0023	EA 12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	207.88	21.24
	10MOD-0001 For > 50 To 100, Deduct	-8.27	
	10MOD-0002 For > 100, Deduct	-17.81	
	10MOD-0122 For 14 Gauge Doors, Add	18.19	
10501-0024	EA 15" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	215.27	21.24
	10MOD-0001 For > 50 To 100, Deduct	-8.64	
	10MOD-0002 For > 100, Deduct	-18.55	
	10MOD-0122 For 14 Gauge Doors, Add	19.01	
10501-0025	EA 15" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	222.70	21.24
	10MOD-0001 For > 50 To 100, Deduct	-9.01	
	10MOD-0002 For > 100, Deduct	-19.30	
	10MOD-0122 For 14 Gauge Doors, Add	19.82	
10501-0026	EA 18" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	256.31	21.24
	10MOD-0001 For > 50 To 100, Deduct	-10.69	
	10MOD-0002 For > 100, Deduct	-22.66	
	10MOD-0122 For 14 Gauge Doors, Add	23.52	
10501-0027	EA 18" x 21" x 72" Two Tier Institutional Or Corridor Locker.....	262.41	21.24
	10MOD-0001 For > 50 To 100, Deduct	-11.00	
	10MOD-0002 For > 100, Deduct	-23.27	
	10MOD-0122 For 14 Gauge Doors, Add	24.19	
10501-0028	Three Tier Institutional Or Corridor Locker (10501-0001)		
	Note: Includes one double hook per tier.		
10501-0029	EA 12" x 12" x 72" Three Tier Institutional Or Corridor Locker.....	218.14	21.89
	10MOD-0001 For > 50 To 100, Deduct	-8.72	
	10MOD-0002 For > 100, Deduct	-18.75	
	10MOD-0123 For 14 Gauge Doors, Add	26.16	
10501-0030	EA 12" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	222.16	21.89
	10MOD-0001 For > 50 To 100, Deduct	-8.92	
	10MOD-0002 For > 100, Deduct	-19.15	
	10MOD-0123 For 14 Gauge Doors, Add	26.76	
10501-0031	EA 12" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	236.43	21.89
	10MOD-0001 For > 50 To 100, Deduct	-9.63	
	10MOD-0002 For > 100, Deduct	-20.58	
	10MOD-0123 For 14 Gauge Doors, Add	28.90	
10501-0032	EA 15" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	250.09	21.89
	10MOD-0001 For > 50 To 100, Deduct	-10.32	
	10MOD-0002 For > 100, Deduct	-21.95	
	10MOD-0123 For 14 Gauge Doors, Add	30.95	
10501-0033	EA 15" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	260.97	21.89
	10MOD-0001 For > 50 To 100, Deduct	-10.86	
	10MOD-0002 For > 100, Deduct	-23.03	
	10MOD-0123 For 14 Gauge Doors, Add	32.58	
10501-0034	Four Tier Institutional Or Corridor Locker (10501-0001)		
10501-0035	EA 12" x 12" x 72" Four Tier Institutional Or Corridor Locker.....	214.06	22.53
	10MOD-0001 For > 50 To 100, Deduct	-8.45	
	10MOD-0002 For > 100, Deduct	-18.25	
10501-0036	EA 12" x 15" x 72" Four Tier Institutional Or Corridor Locker.....	221.07	22.53
	10MOD-0001 For > 50 To 100, Deduct	-8.80	
	10MOD-0002 For > 100, Deduct	-18.95	
10501-0037	EA 12" x 18" x 72" Four Tier Institutional Or Corridor Locker.....	232.34	22.53
	10MOD-0001 For > 50 To 100, Deduct	-9.36	
	10MOD-0002 For > 100, Deduct	-20.08	
10501-0038	EA 15" x 15" x 72" Four Tier Institutional Or Corridor Locker.....	241.36	22.53
	10MOD-0001 For > 50 To 100, Deduct	-9.82	
	10MOD-0002 For > 100, Deduct	-20.98	
10501-0039	EA 15" x 18" x 72" Four Tier Institutional Or Corridor Locker.....	254.35	22.53
	10MOD-0001 For > 50 To 100, Deduct	-10.46	
	10MOD-0002 For > 100, Deduct	-22.28	
10501-0040	Six Tier Institutional Or Corridor Locker (10501-0001)		
10501-0041	EA 12" x 12" x 72" Six Tier Institutional Or Corridor Locker.....	232.98	23.17
	10MOD-0001 For > 50 To 100, Deduct	-9.33	
	10MOD-0002 For > 100, Deduct	-20.05	
10501-0042	EA 12" x 15" x 72" Six Tier Institutional Or Corridor Locker.....	238.38	23.17
	10MOD-0001 For > 50 To 100, Deduct	-9.60	
	10MOD-0002 For > 100, Deduct	-20.59	
10501-0043	EA 12" x 18" x 72" Six Tier Institutional Or Corridor Locker.....	248.58	23.17
	10MOD-0001 For > 50 To 100, Deduct	-10.11	
	10MOD-0002 For > 100, Deduct	-21.61	
10501-0044	Locker And Coat Rack Combination (10501-0001)		

10000 Specialties**10500 Lockers****10501 Institutional And Corridor Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10501-0045	EA		45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination.....	432.55	15.45
10501-0046	EA		72" x 18" x 78", 16 Person Locker And Coat Rack Combination	691.20	32.19
10502 Athletic Lockers <small>(10500)</small>					
10502-0001 Athletic Lockers <small>(10502)</small>					
Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.					
10502-0002 Single Tier Athletic Locker <small>(10502-0001)</small>					
Note: Includes one hat shelf, three single hooks and one double hook.					
10502-0003	EA		12" x 15" x 72" Single Tier Athletic Locker	245.27	20.60
	10MOD-0001		For > 50 To 100, Deduct	-10.20	
	10MOD-0002		For > 100, Deduct	-21.64	
10502-0004	EA		12" x 18" x 72" Single Tier Athletic Locker	260.10	20.60
	10MOD-0001		For > 50 To 100, Deduct	-10.95	
	10MOD-0002		For > 100, Deduct	-23.13	
10502-0005	EA		15" x 15" x 72" Single Tier Athletic Locker	265.31	20.60
	10MOD-0001		For > 50 To 100, Deduct	-11.21	
	10MOD-0002		For > 100, Deduct	-23.65	
10502-0006	EA		15" x 18" x 72" Single Tier Athletic Locker	274.83	20.60
	10MOD-0001		For > 50 To 100, Deduct	-11.68	
	10MOD-0002		For > 100, Deduct	-24.60	
10502-0007	EA		18" x 18" x 72" Single Tier Athletic Locker	298.30	20.60
	10MOD-0001		For > 50 To 100, Deduct	-12.86	
	10MOD-0002		For > 100, Deduct	-26.95	
10502-0008	EA		18" x 21" x 72" Single Tier Athletic Locker	322.90	20.60
	10MOD-0001		For > 50 To 100, Deduct	-14.09	
	10MOD-0002		For > 100, Deduct	-29.41	
10502-0009 Two Tier Athletic Locker <small>(10502-0001)</small>					
Note: Includes three single hooks and one double hook per tier.					
10502-0010	EA		12" x 12" x 72" Two Tier Athletic Locker	274.40	21.24
	10MOD-0001		For > 50 To 100, Deduct	-11.60	
	10MOD-0002		For > 100, Deduct	-24.47	
10502-0011	EA		12" x 15" x 72" Two Tier Athletic Locker	283.38	21.24
	10MOD-0001		For > 50 To 100, Deduct	-12.04	
	10MOD-0002		For > 100, Deduct	-25.36	
10502-0012	EA		12" x 18" x 72" Two Tier Athletic Locker	295.61	21.24
	10MOD-0001		For > 50 To 100, Deduct	-12.66	
	10MOD-0002		For > 100, Deduct	-26.59	
10502-0013	EA		15" x 15" x 72" Two Tier Athletic Locker	297.47	21.24
	10MOD-0001		For > 50 To 100, Deduct	-12.75	
	10MOD-0002		For > 100, Deduct	-26.77	
10502-0014	EA		15" x 18" x 72" Two Tier Athletic Locker	307.52	21.24
	10MOD-0001		For > 50 To 100, Deduct	-13.25	
	10MOD-0002		For > 100, Deduct	-27.78	
10502-0015	EA		18" x 18" x 72" Two Tier Athletic Locker	319.87	21.24
	10MOD-0001		For > 50 To 100, Deduct	-13.87	
	10MOD-0002		For > 100, Deduct	-29.01	
10502-0016	EA		18" x 21" x 72" Two Tier Athletic Locker	347.59	21.24
	10MOD-0001		For > 50 To 100, Deduct	-15.26	
	10MOD-0002		For > 100, Deduct	-31.78	
10502-0017 Three Tier Athletic Locker <small>(10502-0001)</small>					
Note: Includes one double hook per tier.					
10502-0018	EA		12" x 12" x 72" Three Tier Athletic Locker.....	303.48	21.89
	10MOD-0001		For > 50 To 100, Deduct	-12.99	
	10MOD-0002		For > 100, Deduct	-27.28	
10502-0019	EA		12" x 15" x 72" Three Tier Athletic Locker.....	316.31	21.89
	10MOD-0001		For > 50 To 100, Deduct	-13.63	
	10MOD-0002		For > 100, Deduct	-28.57	
10502-0020	EA		12" x 18" x 72" Three Tier Athletic Locker.....	334.00	21.89
	10MOD-0001		For > 50 To 100, Deduct	-14.51	
	10MOD-0002		For > 100, Deduct	-30.34	
10502-0021	EA		15" x 15" x 72" Three Tier Athletic Locker.....	343.06	21.89
	10MOD-0001		For > 50 To 100, Deduct	-14.96	
	10MOD-0002		For > 100, Deduct	-31.24	
10502-0022	EA		15" x 18" x 72" Three Tier Athletic Locker.....	356.65	21.89
	10MOD-0001		For > 50 To 100, Deduct	-15.64	
	10MOD-0002		For > 100, Deduct	-32.60	
10502-0023 Four Tier Athletic Locker <small>(10502-0001)</small>					
10502-0024	EA		12" x 12" x 72" Four Tier Athletic Locker.....	282.06	22.53
	10MOD-0001		For > 50 To 100, Deduct	-11.85	
	10MOD-0002		For > 100, Deduct	-25.05	
10502-0025	EA		12" x 15" x 72" Four Tier Athletic Locker.....	299.71	22.53
	10MOD-0001		For > 50 To 100, Deduct	-12.73	
	10MOD-0002		For > 100, Deduct	-26.82	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10502-0026	EA 12" x 18" x 72" Four Tier Athletic Locker 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	317.35 -13.61 -28.58	22.53
10502-0027	EA 15" x 15" x 72" Four Tier Athletic Locker 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	326.38 -14.07 -29.48	22.53
10502-0028	EA 15" x 18" x 72" Four Tier Athletic Locker 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	333.16 -14.41 -30.16	22.53
10502-0029	Six Tier Athletic Locker (10502-0001)		
10502-0030	EA 12" x 12" x 72" Six Tier Athletic Locker..... 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	313.03 -13.33 -28.06	23.17
10502-0031	EA 12" x 15" x 72" Six Tier Athletic Locker..... 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	326.58 -14.01 -29.41	23.17
10502-0032	EA 12" x 18" x 72" Six Tier Athletic Locker..... 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	340.11 -14.69 -30.77	23.17
10502-0033	EA 12" x 21" x 72" Six Tier Athletic Locker..... 10MOD-0001 For > 50 To 100, Deduct 10MOD-0002 For > 100, Deduct	389.49 -17.16 -35.70	23.17
10503	Metal Locker Accessories (10500)		
10503-0001	Metal Locker Accessories (10503)		
10503-0002	Locker Slope Tops (10503-0001)		
10503-0003	16 Gauge Continuous Sloping Hood (10503-0002)		
10503-0004	LF 12" Deep, 16 Gauge Continuous Slope Top.....	19.60	2.57
10503-0005	LF 15" Deep, 16 Gauge Continuous Slope Top.....	16.52	2.57
10503-0006	LF 18" Deep, 16 Gauge Continuous Slope Top.....	22.76	2.57
10503-0007	LF 21" Deep, 16 Gauge Continuous Slope Top.....	25.16	2.57
10503-0008	LF 24" Deep, 16 Gauge Continuous Slope Top.....	26.29	2.57
10503-0009	16 Gauge Slope Top Corner Fillers (10503-0002)		
10503-0010	EA 12" Deep, 16 Gauge Slope Top Corner Fillers	81.57	2.57
10503-0011	EA 15" Deep, 16 Gauge Slope Top Corner Fillers	83.32	2.57
10503-0012	EA 18" Deep, 16 Gauge Slope Top Corner Fillers	85.06	2.57
10503-0013	EA 21" Deep, 16 Gauge Slope Top Corner Fillers	87.17	2.57
10503-0014	EA 24" Deep, 16 Gauge Slope Top Corner Fillers	89.26	2.57
10503-0015	20 Gauge Individual Slope Top (10503-0002)		
10503-0016	EA 12" Wide x 12" Deep 20 Gauge Individual Slope Top.....	16.82	2.57
10503-0017	EA 12" Wide x 15" Deep 20 Gauge Individual Slope Top.....	16.71	2.57
10503-0018	EA 12" Wide x 18" Deep 20 Gauge Individual Slope Top.....	18.61	2.57
10503-0019	EA 15" Wide x 15" Deep 20 Gauge Individual Slope Top.....	18.61	2.57
10503-0020	EA 15" Wide x 18" Deep 20 Gauge Individual Slope Top.....	19.06	2.57
10503-0021	EA 15" Wide x 21" Deep 20 Gauge Individual Slope Top.....	20.85	2.57
10503-0022	EA 18" Wide x 18" Deep 20 Gauge Individual Slope Top.....	20.85	2.57
10503-0023	EA 18" Wide x 21" Deep 20 Gauge Individual Slope Top.....	23.22	2.57
10503-0024	EA 18" Wide x 24" Deep 20 Gauge Individual Slope Top.....	26.03	2.57
10503-0025	Continuous Slope Top End Closures (10503-0002)		
10503-0026	PR 12" Deep, Continuous Slope Top End Closures	17.94	2.57
10503-0027	PR 15" Deep, Continuous Slope Top End Closures	15.23	2.57
10503-0028	PR 18" Deep, Continuous Slope Top End Closures	20.18	2.57
10503-0029	PR 21" Deep, Continuous Slope Top End Closures	21.31	2.57
10503-0030	PR 24" Deep, Continuous Slope Top End Closures	22.07	2.57
10503-0031	Individual Slope Top End Closures (10503-0002)		
10503-0032	EA 12" Deep, Individual Slope Top End Closures.....	11.54	2.57
10503-0033	EA 15" Deep, Individual Slope Top End Closures.....	11.89	2.57
10503-0034	EA 18" Deep, Individual Slope Top End Closures.....	12.67	2.57
10503-0035	EA 21" Deep, Individual Slope Top End Closures.....	13.22	2.57
10503-0036	EA 24" Deep, Individual Slope Top End Closures.....	18.75	2.57
10503-0037	Locker Base (10503-0001)		
10503-0038	Closed Front Base (10503-0037)		
10503-0039	EA 12" Wide, 6" High Closed Front Base	12.14	2.57
10503-0040	EA 15" Wide, 6" High Closed Front Base	12.73	2.57
10503-0041	EA 18" Wide, 6" High Closed Front Base	13.95	2.57

10000 Specialties**10500 Lockers****10503 Metal Locker Accessories**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10503-0042 EA 24" Wide, 6" High Closed Front Base	14.54	2.57
10503-0043 Closed End Base <small>(10503-0037)</small>		
10503-0044 EA 12" Deep, 6" High Closed End Base	13.77	2.57
10503-0045 EA 15" Deep, 6" High Closed End Base	13.87	2.57
10503-0046 EA 18" Deep, 6" High Closed End Base	14.66	2.57
10503-0047 EA 21" Deep, 6" High Closed End Base	15.44	2.57
10503-0048 EA 24" Deep, 6" High Closed End Base	16.50	2.57
10503-0049 Recessed Continuous Front "Z" Base <small>(10503-0037)</small>		
10503-0050 LF 4" High Recessed Continuous Front "Z" Base	14.50	1.94
10503-0051 "Z" Base Ends Or Splice <small>(10503-0037)</small>		
10503-0052 EA 12" Wide, 4" High Z-Base Ends Or Splice	14.40	2.57
10503-0053 EA 15" Wide, 4" High Z-Base Ends Or Splice	16.71	2.57
10503-0054 EA 18" Wide, 4" High Z-Base Ends Or Splice	19.06	2.57
10503-0055 EA 21" Wide, 4" High Z-Base Ends Or Splice	21.53	2.57
10503-0056 EA 24" Wide, 4" High Z-Base Ends Or Splice	24.00	2.57
10503-0057 Locker Front Fillers And End Panels <small>(10503-0001)</small>		
10503-0058 Locker Front Fillers <small>(10503-0057)</small>		
10503-0059 EA 6" Wide x 48" High, 16 Gauge Front Filler	18.78	3.21
10503-0060 EA 12" Wide x 48" High, 16 Gauge Front Filler	30.55	3.21
10503-0061 EA 6" Wide x 60" High, 16 Gauge Front Filler	23.61	3.21
10503-0062 EA 12" Wide x 60" High, 16 Gauge Front Filler	36.58	3.21
10503-0063 EA 6" Wide x 66" High, 16 Gauge Front Filler	25.73	3.21
10503-0064 EA 12" Wide x 66" High, 16 Gauge Front Filler	28.93	3.21
10503-0065 EA 6" Wide x 72" High, 16 Gauge Front Filler	28.18	3.21
10503-0066 EA 12" Wide x 72" High, 16 Gauge Front Filler	40.09	3.21
10503-0067 EA 6" Wide x 78" High, 16 Gauge Front Filler	28.86	3.21
10503-0068 EA 12" Wide x 78" High, 16 Gauge Front Filler	33.67	3.21
10503-0069 Locker End Panels <small>(10503-0057)</small>		
10503-0070 EA 12" Deep x 48" High, 16 Gauge End Panel	31.11	2.57
10503-0071 EA 15" Deep x 48" High, 16 Gauge End Panel	38.04	2.57
10503-0072 EA 18" Deep x 48" High, 16 Gauge End Panel	44.70	2.57
10503-0073 EA 12" Deep x 60" High, 16 Gauge End Panel	36.78	2.57
10503-0074 EA 15" Deep x 60" High, 16 Gauge End Panel	41.76	2.57
10503-0075 EA 18" Deep x 60" High, 16 Gauge End Panel	49.57	2.57
10503-0076 EA 12" Deep x 72" High, 16 Gauge End Panel	43.39	2.57
10503-0077 EA 15" Deep x 72" High, 16 Gauge End Panel	49.44	2.57
10503-0078 EA 18" Deep x 72" High, 16 Gauge End Panel	57.48	2.57
10503-0079 EA 21" Deep x 72" High, 16 Gauge End Panel	66.22	2.57
10503-0080 Locker Recessed Trim <small>(10503-0001)</small>		
10503-0081 LF 3" Height, Top Trim For Recessed Lockers	6.33	1.29
10503-0082 EA 3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	17.58	2.57
10503-0083 EA 60" Height, 3" Wide Side Trim For Recessed Lockers	26.90	2.57
10503-0084 EA 66" Height, 3" Wide Side Trim For Recessed Lockers	27.88	2.57
10503-0085 EA 72" Height, 3" Wide Side Trim For Recessed Lockers	28.86	2.57
10503-0086 EA 78" Height, 3" Wide Side Trim For Recessed Lockers	29.72	2.57
10503-0087 Locker Interior Accessories <small>(10503-0001)</small>		
10503-0088 Locker Coat Rods <small>(10503-0087)</small>		
10503-0089 EA 12" Wide Coat Rod	9.38	2.57
10503-0090 EA 15" Wide Coat Rod	10.30	2.57
10503-0091 EA 18" Wide Coat Rod	11.11	2.57
10503-0092 EA 24" Wide Coat Rod	11.83	2.57
10503-0093 Locker Hat Shelf <small>(10503-0087)</small>		
10503-0094 EA 12" Wide Hat Shelf	11.31	2.57
10503-0095 EA 15" Wide Hat Shelf	13.28	2.57
10503-0096 EA 18" Wide Hat Shelf	14.12	2.57
10503-0097 EA 24" Wide Hat Shelf	17.42	2.57
10503-0098 Locker ADA Compliant Shelf <small>(10503-0087)</small>		
10503-0099 EA ADA Compliant Shelf For Single Tier Lockers	22.46	3.21
Note: Includes an ADA label for locker face.		



Specialties 10000	10
Lockers 10500	
Metal Locker Accessories 10503	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10503-0100	Other Interior Locker Accessories <small>(10503-0087)</small>		
10503-0101	EA 3" x 10" Bent Plate Shoe Rack	29.80	2.57
10503-0102	EA 8" x 10" Mirror	23.64	2.57
10503-0103	EA Additional Hook.....	6.69	2.57
10503-0104	Locker Locks <small>(10503-0001)</small>		
10503-0105	EA Built In Combination Lock.....	25.94	2.57
10504	Locker Repair And Refinishing <small>(10500)</small>		
10504-0001	Locker Repair And Refinishing <small>(10504)</small>		
10504-0002	EA Replace Single Tier Locker Door	211.08	
10504-0003	EA Replace Two Tier Locker Door	165.94	
10504-0004	EA Replace Three Tier Locker Door.....	142.15	
10504-0005	EA Replace Four Tier Locker Door.....	119.84	
10504-0006	EA Replace Six Tier Or Sixteen Person Locker Door.....	65.99	
10504-0007	EA Realign Metal Locker Door For Proper Closure	32.17	
10504-0008	SF Patch Small Drill Holes in Locker.....	6.43	
10505	Solid Plastic Lockers <small>(10500)</small>		
10505-0001	Solid Plastic Lockers <small>(10505)</small>		
	Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10505-0002	Single Tier Solid Plastic Lockers <small>(10505-0001)</small>		
	Note: Includes one hat shelf and one double hook per tier.		
10505-0003	EA 12" x 12" x 60" Single Tier Solid Plastic Locker	383.93	20.60
	10MOD-0001 For > 50 To 100, Deduct	-17.14	
	10MOD-0002 For > 100, Deduct	-35.51	
10505-0004	EA 12" x 15" x 60" Single Tier Solid Plastic Locker	386.20	20.60
	10MOD-0001 For > 50 To 100, Deduct	-17.75	
	10MOD-0002 For > 100, Deduct	-36.74	
10505-0005	EA 12" x 18" x 60" Single Tier Solid Plastic Locker	414.62	20.60
	10MOD-0001 For > 50 To 100, Deduct	-18.67	
	10MOD-0002 For > 100, Deduct	-38.58	
10505-0006	EA 15" x 15" x 60" Single Tier Solid Plastic Locker	429.86	20.60
	10MOD-0001 For > 50 To 100, Deduct	-19.43	
	10MOD-0002 For > 100, Deduct	-40.10	
10505-0007	EA 12" x 12" x 72" Single Tier Solid Plastic Locker	433.04	20.60
	10MOD-0001 For > 50 To 100, Deduct	-19.59	
	10MOD-0002 For > 100, Deduct	-40.42	
10505-0008	EA 12" x 15" x 72" Single Tier Solid Plastic Locker	452.47	20.60
	10MOD-0001 For > 50 To 100, Deduct	-20.56	
	10MOD-0002 For > 100, Deduct	-42.36	
10505-0009	EA 12" x 18" x 72" Single Tier Solid Plastic Locker	466.80	20.60
	10MOD-0001 For > 50 To 100, Deduct	-21.28	
	10MOD-0002 For > 100, Deduct	-43.80	
10505-0010	EA 15" x 15" x 72" Single Tier Solid Plastic Locker	498.48	20.60
	10MOD-0001 For > 50 To 100, Deduct	-22.86	
	10MOD-0002 For > 100, Deduct	-46.96	
10505-0011	EA 15" x 18" x 72" Single Tier Solid Plastic Locker	526.14	20.60
	10MOD-0001 For > 50 To 100, Deduct	-24.25	
	10MOD-0002 For > 100, Deduct	-49.73	
10505-0012	EA 18" x 18" x 72" Single Tier Solid Plastic Locker	550.86	20.60
	10MOD-0001 For > 50 To 100, Deduct	-25.48	
	10MOD-0002 For > 100, Deduct	-52.20	
10505-0013	Double Tier Solid Plastic Lockers <small>(10505-0001)</small>		
	Note: Includes one double hook per tier.		
10505-0014	EA 12" x 12" x 60" Double Tier Solid Plastic Locker.....	392.38	21.24
	10MOD-0001 For > 50 To 100, Deduct	-17.49	
	10MOD-0002 For > 100, Deduct	-36.26	
10505-0015	EA 12" x 15" x 60" Double Tier Solid Plastic Locker.....	411.82	21.24
	10MOD-0001 For > 50 To 100, Deduct	-18.47	
	10MOD-0002 For > 100, Deduct	-38.21	
10505-0016	EA 12" x 18" x 60" Double Tier Solid Plastic Locker.....	436.77	21.24
	10MOD-0001 For > 50 To 100, Deduct	-19.71	
	10MOD-0002 For > 100, Deduct	-40.70	
10505-0017	EA 12" x 12" x 72" Double Tier Solid Plastic Locker.....	454.79	21.24
	10MOD-0001 For > 50 To 100, Deduct	-20.62	
	10MOD-0002 For > 100, Deduct	-42.50	
10505-0018	EA 12" x 15" x 72" Double Tier Solid Plastic Locker.....	469.12	21.24
	10MOD-0001 For > 50 To 100, Deduct	-21.33	
	10MOD-0002 For > 100, Deduct	-43.94	
10505-0019	EA 12" x 18" x 72" Double Tier Solid Plastic Locker.....	490.60	21.24
	10MOD-0001 For > 50 To 100, Deduct	-22.41	
	10MOD-0002 For > 100, Deduct	-46.09	

10000 Specialties**10500 Lockers****10505 Solid Plastic Lockers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10505-0020	EA	15" x 15" x 72" Double Tier Solid Plastic Locker.....	520.77	21.24
	10MOD-0001	For > 50 To 100, Deduct	-23.91	
	10MOD-0002	For > 100, Deduct	-49.10	
10505-0021	EA	15" x 18" x 72" Double Tier Solid Plastic Locker.....	542.77	21.24
	10MOD-0001	For > 50 To 100, Deduct	-25.01	
	10MOD-0002	For > 100, Deduct	-51.30	
10505-0022		Triple Tier Solid Plastic Lockers (10505-0001)		
10505-0023	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker.....	417.19	21.89
	10MOD-0001	For > 50 To 100, Deduct	-18.67	
	10MOD-0002	For > 100, Deduct	-38.66	
10505-0024	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker.....	439.70	21.89
	10MOD-0001	For > 50 To 100, Deduct	-19.80	
	10MOD-0002	For > 100, Deduct	-40.91	
10505-0025	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker.....	456.07	21.89
	10MOD-0001	For > 50 To 100, Deduct	-20.62	
	10MOD-0002	For > 100, Deduct	-42.54	
10505-0026	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker.....	480.62	21.89
	10MOD-0001	For > 50 To 100, Deduct	-21.84	
	10MOD-0002	For > 100, Deduct	-45.00	
10505-0027	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker.....	495.97	21.89
	10MOD-0001	For > 50 To 100, Deduct	-22.61	
	10MOD-0002	For > 100, Deduct	-46.53	
10505-0028	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker.....	514.39	21.89
	10MOD-0001	For > 50 To 100, Deduct	-23.53	
	10MOD-0002	For > 100, Deduct	-48.38	
10505-0029	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker.....	532.55	21.89
	10MOD-0001	For > 50 To 100, Deduct	-24.44	
	10MOD-0002	For > 100, Deduct	-50.19	
10505-0030	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker.....	549.17	21.89
	10MOD-0001	For > 50 To 100, Deduct	-25.27	
	10MOD-0002	For > 100, Deduct	-51.85	
10505-0031		Four Tier Solid Plastic Lockers (10505-0001)		
10505-0032	EA	12" x 12" x 60" Four Tier Solid Plastic Locker.....	443.79	21.89
	10MOD-0001	For > 50 To 100, Deduct	-20.00	
	10MOD-0002	For > 100, Deduct	-41.32	
10505-0033	EA	12" x 15" x 60" Four Tier Solid Plastic Locker.....	455.04	21.89
	10MOD-0001	For > 50 To 100, Deduct	-20.56	
	10MOD-0002	For > 100, Deduct	-42.44	
10505-0034	EA	12" x 18" x 60" Four Tier Solid Plastic Locker.....	481.65	21.89
	10MOD-0001	For > 50 To 100, Deduct	-21.89	
	10MOD-0002	For > 100, Deduct	-45.10	
10505-0035	EA	12" x 12" x 72" Four Tier Solid Plastic Locker.....	496.99	21.89
	10MOD-0001	For > 50 To 100, Deduct	-22.66	
	10MOD-0002	For > 100, Deduct	-46.64	
10505-0036	EA	12" x 15" x 72" Four Tier Solid Plastic Locker.....	519.50	21.89
	10MOD-0001	For > 50 To 100, Deduct	-23.79	
	10MOD-0002	For > 100, Deduct	-48.89	
10505-0037	EA	12" x 18" x 72" Four Tier Solid Plastic Locker.....	522.57	21.89
	10MOD-0001	For > 50 To 100, Deduct	-23.94	
	10MOD-0002	For > 100, Deduct	-49.19	
10505-0038	EA	15" x 18" x 72" Four Tier Solid Plastic Locker.....	563.49	21.89
	10MOD-0001	For > 50 To 100, Deduct	-25.99	
	10MOD-0002	For > 100, Deduct	-53.29	
10505-0039		Six Tier Solid Plastic Lockers (10505-0001)		
10505-0040	EA	12" x 12" x 60" Six Tier Solid Plastic Locker.....	466.37	23.17
	10MOD-0001	For > 50 To 100, Deduct	-21.00	
	10MOD-0002	For > 100, Deduct	-43.39	
10505-0041	EA	12" x 15" x 60" Six Tier Solid Plastic Locker.....	478.18	23.17
	10MOD-0001	For > 50 To 100, Deduct	-21.59	
	10MOD-0002	For > 100, Deduct	-44.57	
10505-0042	EA	12" x 18" x 60" Six Tier Solid Plastic Locker.....	506.12	23.17
	10MOD-0001	For > 50 To 100, Deduct	-22.99	
	10MOD-0002	For > 100, Deduct	-47.37	
10505-0043	EA	12" x 12" x 72" Six Tier Solid Plastic Locker.....	522.23	23.17
	10MOD-0001	For > 50 To 100, Deduct	-23.79	
	10MOD-0002	For > 100, Deduct	-48.98	
10505-0044	EA	12" x 15" x 72" Six Tier Solid Plastic Locker.....	545.87	23.17
	10MOD-0001	For > 50 To 100, Deduct	-24.98	
	10MOD-0002	For > 100, Deduct	-51.34	
10505-0045	EA	12" x 18" x 72" Six Tier Solid Plastic Locker.....	549.09	23.17
	10MOD-0001	For > 50 To 100, Deduct	-25.14	
	10MOD-0002	For > 100, Deduct	-51.66	
10505-0046	EA	15" x 15" x 72" Six Tier Solid Plastic Locker.....	566.63	23.17
	10MOD-0001	For > 50 To 100, Deduct	-26.01	
	10MOD-0002	For > 100, Deduct	-53.42	
10505-0047	EA	15" x 18" x 72" Six Tier Solid Plastic Locker.....	592.12	23.17
	10MOD-0001	For > 50 To 100, Deduct	-27.29	
	10MOD-0002	For > 100, Deduct	-55.97	



Specialties 10000	10
Lockers 10500	
Solid Plastic Lockers 10505	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10505-0048	Solid Plastic Locker Accessories (10505-0001)		
10505-0049	Locker Slope Tops (10505-0048)		
10505-0050	EA 12" Wide x 12" Deep, Solid Plastic Individual Slope Top.....	76.77	2.57
10505-0051	EA 12" Wide x 15" Deep, Solid Plastic Individual Slope Top.....	78.81	2.57
10505-0052	EA 12" Wide x 18" Deep, Solid Plastic Individual Slope Top.....	89.04	2.57
10505-0053	EA 15" Wide x 15" Deep, Solid Plastic Individual Slope Top.....	89.04	2.57
10505-0054	EA 15" Wide x 18" Deep, Solid Plastic Individual Slope Top.....	89.04	2.57
10505-0055	EA 18" Wide x 18" Deep, Solid Plastic Individual Slope Top.....	94.57	2.57
10505-0056	Locker Individual Recessed Base (10505-0048)		
10505-0057	EA 12" Wide x 12" Deep, Solid Plastic 3" Individual Recessed Base.....	63.02	2.57
10505-0058	EA 12" Wide x 15" Deep, Solid Plastic 3" Individual Recessed Base.....	66.67	2.57
10505-0059	EA 12" Wide x 18" Deep, Solid Plastic 3" Individual Recessed Base.....	66.67	2.57
10505-0060	EA 15" Wide x 15" Deep, Solid Plastic 3" Individual Recessed Base.....	69.45	2.57
10505-0061	EA 15" Wide x 18" Deep, Solid Plastic 3" Individual Recessed Base.....	72.10	2.57
10505-0062	EA 18" Wide x 18" Deep, Solid Plastic 3" Individual Recessed Base.....	78.69	2.57
10505-0063	Locker End Panels (10505-0048)		
10505-0064	EA 12" Deep x 60" High, 1/2" Solid Plastic End Panel.....	80.85	2.57
10505-0065	EA 15" Deep x 60" High, 1/2" Solid Plastic End Panel.....	85.97	2.57
10505-0066	EA 18" Deep x 60" High, 1/2" Solid Plastic End Panel.....	89.05	2.57
10505-0067	EA 12" Deep x 72" High, 1/2" Solid Plastic End Panel.....	80.85	2.57
10505-0068	EA 15" Deep x 72" High, 1/2" Solid Plastic End Panel.....	85.97	2.57
10505-0069	EA 18" Deep x 72" High, 1/2" Solid Plastic End Panel.....	89.05	2.57
10505-0070	Other Locker Accessories (10505-0048)		
10505-0071	EA 8" x 10" Mirror For Solid Plastic Lockers.....	23.64	2.57
10505-0072	EA Built In Combination Lock For Solid Plastic Lockers.....	53.25	2.57
10506	Basket Lockers (10500)		
10506-0001	Steel Basket Racks Mounted On Concrete Base (10506)		
	Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10506-0002	EA 9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack.....	1,218.24	48.28
10506-0003	EA 12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack.....	1,041.02	48.28
10507	Locker Benches (10500)		
10507-0001	LF Hardwood Bench With Aluminum Pedestals.....	72.49	3.21
10507-0002	LF Hardwood Bench With Painted Steel Pedestals.....	52.88	3.21
10507-0003	LF Plastic Laminated Bench With Steel Pedestals.....	88.75	3.21
10507-0004	LF Solid Plastic Bench With Steel Pedestals.....	84.74	3.21
10507-0005	LF Aluminum Bench With Aluminum Pedestals.....	65.46	3.21
10508	All-Welded Steel Lockers (10500)		
10508-0001	All-Welded Steel Lockers (10508)		
	Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10508-0002	Single Tier, All-Welded Steel Lockers (10508-0001)		
	Note: Includes one hat shelf, two single hooks and one double hook.		
10508-0003	EA 12" x 12" x 48" Single Tier, All-Welded Steel Locker.....	238.21	11.27
	10MOD-0001 For > 50 To 100, Deduct.....	-11.11	
	10MOD-0002 For > 100, Deduct.....	-22.69	
10508-0004	EA 12" x 15" x 48" Single Tier, All-Welded Steel Locker.....	251.33	11.27
	10MOD-0001 For > 50 To 100, Deduct.....	-11.76	
	10MOD-0002 For > 100, Deduct.....	-24.01	
10508-0005	EA 12" x 18" x 48" Single Tier, All-Welded Steel Locker.....	263.95	11.27
	10MOD-0001 For > 50 To 100, Deduct.....	-12.39	
	10MOD-0002 For > 100, Deduct.....	-25.27	
10508-0006	EA 12" x 12" x 60" Single Tier, All-Welded Steel Locker.....	249.04	11.27
	10MOD-0001 For > 50 To 100, Deduct.....	-11.65	
	10MOD-0002 For > 100, Deduct.....	-23.78	
10508-0007	EA 12" x 15" x 60" Single Tier, All-Welded Steel Locker.....	261.66	11.27
	10MOD-0001 For > 50 To 100, Deduct.....	-12.28	
	10MOD-0002 For > 100, Deduct.....	-25.04	
10508-0008	EA 12" x 18" x 60" Single Tier, All-Welded Steel Locker.....	274.28	11.27
	10MOD-0001 For > 50 To 100, Deduct.....	-12.91	
	10MOD-0002 For > 100, Deduct.....	-26.30	

10000 Specialties**10500 Lockers****10508 All-Welded Steel Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10508-0009	EA		12" x 12" x 72" Single Tier, All-Welded Steel Locker	262.33	12.40
	10MOD-0001		For > 50 To 100, Deduct	-12.23	
	10MOD-0002		For > 100, Deduct	-24.99	
10508-0010	EA		12" x 15" x 72" Single Tier, All-Welded Steel Locker	274.01	12.40
	10MOD-0001		For > 50 To 100, Deduct	-12.82	
	10MOD-0002		For > 100, Deduct	-26.16	
10508-0011	EA		12" x 18" x 72" Single Tier, All-Welded Steel Locker	286.63	12.40
	10MOD-0001		For > 50 To 100, Deduct	-13.45	
	10MOD-0002		For > 100, Deduct	-27.42	
10508-0012	EA		15" x 15" x 72" Single Tier, All-Welded Steel Locker	298.44	12.40
	10MOD-0001		For > 50 To 100, Deduct	-14.04	
	10MOD-0002		For > 100, Deduct	-28.61	
10508-0013	EA		15" x 18" x 72" Single Tier, All-Welded Steel Locker	308.16	12.40
	10MOD-0001		For > 50 To 100, Deduct	-14.52	
	10MOD-0002		For > 100, Deduct	-29.58	
10508-0014	EA		18" x 18" x 72" Single Tier, All-Welded Steel Locker	321.58	12.40
	10MOD-0001		For > 50 To 100, Deduct	-15.19	
	10MOD-0002		For > 100, Deduct	-30.92	
10508-0015	EA		18" x 21" x 72" Single Tier, All-Welded Steel Locker	336.67	12.40
	10MOD-0001		For > 50 To 100, Deduct	-15.95	
	10MOD-0002		For > 100, Deduct	-32.43	
10508-0016	EA		24" x 24" x 72" Single Tier, All-Welded Steel Locker	563.98	12.40
	10MOD-0001		For > 50 To 100, Deduct	-27.31	
	10MOD-0002		For > 100, Deduct	-55.16	
10508-0017			Two Tier, All-Welded Steel Lockers <small>(10508-0001)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10508-0018	EA		12" x 12" x 60" Two Tier, All-Welded Steel Locker	289.96	11.27
	10MOD-0001		For > 50 To 100, Deduct	-13.69	
	10MOD-0002		For > 100, Deduct	-27.87	
10508-0019	EA		12" x 15" x 60" Two Tier, All-Welded Steel Locker	295.75	11.27
	10MOD-0001		For > 50 To 100, Deduct	-13.98	
	10MOD-0002		For > 100, Deduct	-28.45	
10508-0020	EA		12" x 18" x 60" Two Tier, All-Welded Steel Locker	311.30	11.27
	10MOD-0001		For > 50 To 100, Deduct	-14.76	
	10MOD-0002		For > 100, Deduct	-30.00	
10508-0021	EA		12" x 12" x 72" Two Tier, All-Welded Steel Locker	301.24	12.40
	10MOD-0001		For > 50 To 100, Deduct	-14.18	
	10MOD-0002		For > 100, Deduct	-28.89	
10508-0022	EA		12" x 15" x 72" Two Tier, All-Welded Steel Locker	322.67	12.40
	10MOD-0001		For > 50 To 100, Deduct	-15.25	
	10MOD-0002		For > 100, Deduct	-31.03	
10508-0023	EA		12" x 18" x 72" Two Tier, All-Welded Steel Locker	334.35	12.40
	10MOD-0001		For > 50 To 100, Deduct	-15.83	
	10MOD-0002		For > 100, Deduct	-32.20	
10508-0024	EA		15" x 15" x 72" Two Tier, All-Welded Steel Locker	351.00	12.40
	10MOD-0001		For > 50 To 100, Deduct	-16.67	
	10MOD-0002		For > 100, Deduct	-33.86	
10508-0025	EA		15" x 18" x 72" Two Tier, All-Welded Steel Locker	358.84	12.40
	10MOD-0001		For > 50 To 100, Deduct	-17.06	
	10MOD-0002		For > 100, Deduct	-34.65	
10508-0026	EA		18" x 18" x 72" Two Tier, All-Welded Steel Locker	381.43	12.40
	10MOD-0001		For > 50 To 100, Deduct	-18.19	
	10MOD-0002		For > 100, Deduct	-36.90	
10508-0027	EA		18" x 21" x 72" Two Tier, All-Welded Steel Locker	398.93	12.40
	10MOD-0001		For > 50 To 100, Deduct	-19.06	
	10MOD-0002		For > 100, Deduct	-38.65	
10508-0028			Three Tier, All-Welded Steel Lockers <small>(10508-0001)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10508-0029	EA		12" x 12" x 72" Three Tier, All-Welded Steel Locker	361.61	12.40
	10MOD-0001		For > 50 To 100, Deduct	-17.20	
	10MOD-0002		For > 100, Deduct	-34.92	
10508-0030	EA		12" x 15" x 72" Three Tier, All-Welded Steel Locker	370.39	12.40
	10MOD-0001		For > 50 To 100, Deduct	-17.63	
	10MOD-0002		For > 100, Deduct	-35.80	
10508-0031	EA		12" x 18" x 72" Three Tier, All-Welded Steel Locker	379.11	12.40
	10MOD-0001		For > 50 To 100, Deduct	-18.07	
	10MOD-0002		For > 100, Deduct	-36.67	
10508-0032	EA		15" x 15" x 72" Three Tier, All-Welded Steel Locker	399.76	12.40
	10MOD-0001		For > 50 To 100, Deduct	-19.10	
	10MOD-0002		For > 100, Deduct	-38.74	
10508-0033	EA		15" x 18" x 72" Three Tier, All-Welded Steel Locker	403.57	12.40
	10MOD-0001		For > 50 To 100, Deduct	-19.29	
	10MOD-0002		For > 100, Deduct	-39.12	
10508-0034			Four Tier, All-Welded Steel Lockers <small>(10508-0001)</small>		
10508-0035	EA		12" x 12" x 72" Four Tier, All-Welded Steel Locker	340.78	12.40
	10MOD-0001		For > 50 To 100, Deduct	-16.15	
	10MOD-0002		For > 100, Deduct	-32.84	



Specialties 10000	10
Lockers 10500	
All-Welded Steel Lockers 10508	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10508-0036	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker.....	349.07	12.40
	10MOD-0001	For > 50 To 100, Deduct	-16.57	
	10MOD-0002	For > 100, Deduct	-33.67	
10508-0037	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker.....	357.31	12.40
	10MOD-0001	For > 50 To 100, Deduct	-16.98	
	10MOD-0002	For > 100, Deduct	-34.49	
10508-0038	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker.....	376.74	12.40
	10MOD-0001	For > 50 To 100, Deduct	-17.95	
	10MOD-0002	For > 100, Deduct	-36.44	
10508-0039	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker.....	380.28	12.40
	10MOD-0001	For > 50 To 100, Deduct	-18.13	
	10MOD-0002	For > 100, Deduct	-36.79	
10508-0040		Six Tier, All-Welded Steel Lockers (10508-0001)		
10508-0041	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker.....	353.68	12.40
	10MOD-0001	For > 50 To 100, Deduct	-16.80	
	10MOD-0002	For > 100, Deduct	-34.13	
10508-0042	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker.....	365.78	12.40
	10MOD-0001	For > 50 To 100, Deduct	-17.40	
	10MOD-0002	For > 100, Deduct	-35.34	
10508-0043	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker.....	374.69	12.40
	10MOD-0001	For > 50 To 100, Deduct	-17.85	
	10MOD-0002	For > 100, Deduct	-36.23	
10508-0044		All Welded Locker Accessories (10508)		
10508-0045	EA	ADA Requirements For All Welded Lockers.....	58.79	
10508-0046	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers.....	95.85	2.57
10508-0047	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers.....	110.97	2.57
10508-0048	EA	Recessed Trim For All Welded Lockers.....	67.86	2.57
10508-0049	EA	Built In Combination Lock For All Welded Lockers.....	25.94	2.57
10508-0050	EA	Pad Lock For All Welded Lockers.....	19.15	2.57

10520 Fire Protection Specialties (10000)

10521 Fire Extinguisher Cabinets (10520)

Note: Includes all mounting hardware. Excludes fire extinguisher.

10521-0001		Recessed Fire Extinguisher Cabinets (10521)		
10521-0002		Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10521-0001)		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0003	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	216.53	26.39
10521-0004	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	220.45	26.39
10521-0005	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	221.23	26.39
10521-0006	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	245.54	26.39
10521-0007	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	309.05	26.39
10521-0008	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	317.67	26.39
10521-0009		Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10521-0001)		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0010	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	248.73	26.39
10521-0011	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	253.71	26.39
10521-0012	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	262.02	26.39
10521-0013	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	276.14	26.39
10521-0014	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	319.90	26.39
10521-0015	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	333.19	26.39
10521-0016		Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10521-0001)		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0017	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	332.73	26.39
10521-0018	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	341.91	26.39
10521-0019	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	346.50	26.39
10521-0020	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	377.87	26.39
10521-0021	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	441.12	26.39
10521-0022	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	460.25	26.39
10521-0023		Bronze Door And Trim, Recessed Fire Extinguisher Cabinets (10521-0001)		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0024	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	828.09	26.39
10521-0025	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	834.21	26.39
10521-0026	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	959.04	26.39
10521-0027		Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets (10521-0001)		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10521-0028	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	267.49	26.39



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10521-0029	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	297.29	26.39
10521-0030		Semi Recessed Fire Extinguisher Cabinets (10521)		
10521-0031		Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10521-0030)		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0032	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	237.70	26.39
10521-0033	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	245.54	26.39
10521-0034	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	246.32	26.39
10521-0035	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	272.98	26.39
10521-0036	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	326.30	26.39
10521-0037	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	334.92	26.39
10521-0038		Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10521-0030)		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0039	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	285.85	26.39
10521-0040	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	298.31	26.39
10521-0041	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	305.78	26.39
10521-0042	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	319.90	26.39
10521-0043	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	368.90	26.39
10521-0044	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	380.53	26.39
10521-0045		Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10521-0030)		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0046	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	373.03	26.39
10521-0047	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	383.74	26.39
10521-0048	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	388.33	26.39
10521-0049	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	412.05	26.39
10521-0050	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	470.96	26.39
10521-0051	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	483.96	26.39
10521-0052		Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10521-0030)		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0053	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,046.09	26.39
10521-0054	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,051.23	26.39
10521-0055	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,206.28	26.39
10521-0056		Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets (10521-0030)		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10521-0057	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	295.72	26.39
10521-0058	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	323.95	26.39
10521-0059		Surface Mounted Fire Extinguisher Cabinets (10521)		
10521-0060		Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10521-0059)		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0061	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	231.43	26.39
10521-0062	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	236.13	26.39
10521-0063	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	273.77	26.39
10521-0064	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	320.03	26.39
10521-0065	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	332.57	26.39
10521-0066		Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets (10521-0059)		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0067	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	364.75	26.39
10521-0068	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	375.54	26.39
10521-0069	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	399.63	26.39
10521-0070	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	446.96	26.39
10521-0071	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	466.90	26.39
10521-0072		Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10521-0059)		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0073	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	439.59	26.39
10521-0074	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	454.13	26.39
10521-0075	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	490.08	26.39
10521-0076	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	559.70	26.39
10521-0077	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	581.12	26.39
10521-0078		Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets (10521-0059)		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10521-0079	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	1,201.44	26.39
10521-0080	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	1,355.30	26.39



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10521-0081		Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets		
		<i>(10521-0059)</i>		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10521-0082	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	278.47	26.39
10521-0083	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	312.97	26.39
10521-0084	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	433.72	26.39
10521-0085		Fire Extinguisher Cabinet Accessories <i>(10521)</i>		
10521-0086	EA	Standard Break Glass Cylinder Lock Mechanism.....	22.11	8.04
10521-0087	EA	Breaker Bar And Chain For Break Glass Cabinets.....	20.00	8.04
10521-0088	EA	Replacement Standard Pull Handle.....	18.72	8.04
10521-0089	EA	Fire Extinguisher Cabinet Battery Operated Alarm.....	59.28	16.09
10521-0090	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	106.14	
10521-0091	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	116.75	
10521-0092	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	159.21	
10521-0093	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	217.59	
10521-0094	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	254.74	
10521-0095	EA	Replace Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	61.56	
10521-0096	EA	Replace Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	63.68	
10521-0097	EA	Replace Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	84.91	
10521-0098	EA	Replace Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	153.90	
10521-0099	EA	Replace Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	156.03	
10521-0100	EA	Replace Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	65.80	
10521-0101	EA	Replace Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets.....	69.09	
10521-0102	EA	Replace Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets.....	93.21	
10521-0103	EA	Replace Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets.....	164.49	
10521-0104	EA	Replace Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets.....	166.68	
10522		Portable Fire Extinguishers <i>(10520)</i>		
		Note: Includes filling, certification, bracket, hardware and mounting on wall.		
10522-0001		Carbon Dioxide Type, Class BC Portable Fire Extinguisher <i>(10522)</i>		
10522-0002	EA	2.5# Carbon Dioxide, Type BC Portable Fire Extinguisher.....	157.55	8.36
	10MOD-0133	For > 5 To 10, Deduct	-5.73	
	10MOD-0134	For > 10, Deduct	-11.46	
	10MOD-0135	For Placement In Cabinet, Deduct	-21.46	
10522-0003	EA	5# Carbon Dioxide, Type BC Portable Fire Extinguisher.....	238.97	9.66
	10MOD-0133	For > 5 To 10, Deduct	-9.47	
	10MOD-0134	For > 10, Deduct	-18.95	
	10MOD-0135	For Placement In Cabinet, Deduct	-24.76	
10522-0004	EA	10# Carbon Dioxide, Type BC Portable Fire Extinguisher.....	310.88	12.24
	10MOD-0133	For > 5 To 10, Deduct	-12.33	
	10MOD-0134	For > 10, Deduct	-24.65	
	10MOD-0135	For Placement In Cabinet, Deduct	-32.19	
10522-0005	EA	15# Carbon Dioxide, Type BC Portable Fire Extinguisher.....	381.96	15.45
	10MOD-0133	For > 5 To 10, Deduct	-15.07	
	10MOD-0134	For > 10, Deduct	-30.15	
	10MOD-0135	For Placement In Cabinet, Deduct	-40.24	
10522-0006	EA	20# Carbon Dioxide, Type BC Portable Fire Extinguisher.....	425.78	15.45
	10MOD-0133	For > 5 To 10, Deduct	-17.27	
	10MOD-0134	For > 10, Deduct	-34.53	
	10MOD-0135	For Placement In Cabinet, Deduct	-40.24	
10522-0007	EA	50# Carbon Dioxide, Type BC Wheeled Fire Extinguisher.....	1,472.16	24.46
	10MOD-0133	For > 5 To 10, Deduct	-67.17	
	10MOD-0134	For > 10, Deduct	-134.34	
10522-0008	EA	100# Carbon Dioxide, Type BC Wheeled Fire Extinguisher.....	2,887.32	24.46
	10MOD-0133	For > 5 To 10, Deduct	-137.93	
	10MOD-0134	For > 10, Deduct	-275.86	
10522-0009		Dry Chemical Type, Class ABC Portable Fire Extinguisher <i>(10522)</i>		
10522-0010	EA	2.6# Dry Chemical, Type ABC Portable Fire Extinguisher.....	85.94	8.36
	10MOD-0133	For > 5 To 10, Deduct	-2.15	
	10MOD-0134	For > 10, Deduct	-4.30	
	10MOD-0136	For Placement In Cabinet, Deduct	-21.46	
10522-0011	EA	5# Dry Chemical, Type ABC Portable Fire Extinguisher.....	111.50	9.66
	10MOD-0133	For > 5 To 10, Deduct	-3.10	
	10MOD-0134	For > 10, Deduct	-6.20	
	10MOD-0136	For Placement In Cabinet, Deduct	-24.76	
10522-0012	EA	10# Dry Chemical, Type ABC Portable Fire Extinguisher.....	161.54	12.24
	10MOD-0133	For > 5 To 10, Deduct	-4.86	
	10MOD-0134	For > 10, Deduct	-9.72	
	10MOD-0136	For Placement In Cabinet, Deduct	-32.19	
10522-0013	EA	20# Dry Chemical, Type ABC Portable Fire Extinguisher.....	233.39	15.45
	10MOD-0133	For > 5 To 10, Deduct	-7.65	
	10MOD-0134	For > 10, Deduct	-15.29	
	10MOD-0136	For Placement In Cabinet, Deduct	-40.24	

10000 Specialties
10520 Fire Protection Specialties
10522 Portable Fire Extinguishers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10522-0014 EA 50# Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,734.06	24.46
10MOD-0133 For > 5 To 10, Deduct	-80.27	
10MOD-0134 For > 10, Deduct	-160.53	
10522-0015 EA 125# Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,647.65	24.46
10MOD-0133 For > 5 To 10, Deduct	-125.95	
10MOD-0134 For > 10, Deduct	-251.89	
10522-0016 Other Portable Fire Extinguishers (10522)		
10522-0017 EA 2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher	176.66	9.66
Note: Stainless steel.		
10MOD-0133 For > 5 To 10, Deduct	-6.36	
10MOD-0134 For > 10, Deduct	-12.72	
10MOD-0137 For Placement In Cabinet, Deduct	-24.76	
10522-0018 EA 1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher	263.98	15.45
Note: Stainless steel.		
10MOD-0133 For > 5 To 10, Deduct	-9.18	
10MOD-0134 For > 10, Deduct	-18.35	
10MOD-0137 For Placement In Cabinet, Deduct	-40.24	
10522-0019 EA 2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher	278.07	15.45
Note: Stainless steel.		
10MOD-0133 For > 5 To 10, Deduct	-9.88	
10MOD-0134 For > 10, Deduct	-19.76	
10MOD-0137 For Placement In Cabinet, Deduct	-40.24	
10522-0020 EA 30# Dry Powder, Class D Portable Fire Extinguisher	422.06	15.45
Note: Yellow steel.		
10MOD-0133 For > 5 To 10, Deduct	-17.08	
10MOD-0134 For > 10, Deduct	-34.16	
10522-0021 Recharge Existing Portable Fire Extinguishers (10522)		
Note: Includes removal, filling, testing, certification and reinstallation.		
10522-0022 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers (10522-0021)		
10522-0023 EA Recharge 2.5# Carbon Dioxide Portable Fire Extinguisher	8.24	
10522-0024 EA Recharge 5# Carbon Dioxide Portable Fire Extinguisher	9.16	
10522-0025 EA Recharge 10# Carbon Dioxide Portable Fire Extinguisher	9.53	
10522-0026 EA Recharge 15# Carbon Dioxide Portable Fire Extinguisher	10.78	
10522-0027 EA Recharge 20# Carbon Dioxide Portable Fire Extinguisher	12.46	
10522-0028 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers (10522-0021)		
10522-0029 EA Recharge 2.5# Dry Chemical Portable Fire Extinguisher	9.95	
10522-0030 EA Recharge 5# Dry Chemical Portable Fire Extinguisher	12.04	
10522-0031 EA Recharge 10# Dry Chemical Portable Fire Extinguisher	17.01	
10522-0032 EA Recharge 20# Dry Chemical Portable Fire Extinguisher	26.85	
10522-0033 Recharge Other Portable Fire Extinguishers (10522-0021)		
10522-0034 EA Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	9.84	
10522-0035 EA Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	70.14	
10522-0036 EA Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	98.20	
10522-0037 EA Recharge 30# Dry Powder Class D Portable Fire Extinguisher	40.43	
10522-0038 Fire Extinguisher Backboards (10522)		
10522-0039 Fire Extinguisher Backboards (10522-0038)		
Note: Mounted to any wall, includes anchors		
10522-0040 EA Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	71.46	11.06
10522-0041 EA Relocate Fire Extinguisher Wood Backboard, Any Size	97.57	
Note: Includes storage and cleaning.		
10522-0042 Inspections And Testing (10522)		
10522-0043 EA On Site Fire Extinguisher Annual Inspection (Tag)	8.90	
10522-0044 EA On Site Fire Extinguisher Hydrotest	13.09	
10523 Fire Blanket Cabinets (10520)		
10523-0001 EA Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB)	276.90	26.39
Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		
10523-0002 EA Drop Type Fire Blanket Cabinet (JL Industries 2FB)	202.41	26.39
Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		
10525 Emergency Access And Information Cabinets (10520)		
10525-0001 Fire Department Plan Cabinets (Knox) (10525)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10525-0002 EA 18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	791.85	20.92
10MOD-0163 For Tamper Switch Connected To Existing Alarm System, Add	40.00	
10MOD-0165 For Dual Locks, Add	60.00	
10MOD-0166 For Back Key Hook Panel, Add	57.40	
10MOD-0167 For Swing Key Hook Panel, Add	156.40	
10MOD-0169 For Non-Locking Weather Housing, Add	392.19	
10525-0003 EA 18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	839.28	20.92
10MOD-0163 For Tamper Switch Connected To Existing Alarm System, Add	40.00	
10MOD-0165 For Dual Locks, Add	60.00	
10MOD-0166 For Back Key Hook Panel, Add	57.40	
10MOD-0167 For Swing Key Hook Panel, Add	156.40	
10MOD-0168 For Second Swing Key Hook Panel, Add	123.40	
10MOD-0169 For Non-Locking Weather Housing, Add	392.19	
10525-0004 Emergency Key Cabinets (Knox) (10525)		
10525-0005 EA Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403).....	398.12	20.92
10MOD-0163 For Tamper Switch Connected To Existing Alarm System, Add	40.00	
10525-0006 EA 5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200).....	350.69	20.92
10MOD-0161 For Lift-Off Door, Deduct	-40.00	
10MOD-0162 For Aluminum Or Dark Bronze Finish, Add	10.00	
10MOD-0163 For Tamper Switch Connected To Existing Alarm System, Add	40.00	
10MOD-0164 For Recess Mount, Add	51.98	
10MOD-0170 For Cast-In-Place Concrete Recess Mounting, Add	119.00	
10525-0007 EA 6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100).....	466.91	20.92
10MOD-0162 For Aluminum Or Dark Bronze Finish, Add	10.00	
10MOD-0163 For Tamper Switch Connected To Existing Alarm System, Add	40.00	
10MOD-0164 For Recess Mount, Add	51.98	
10MOD-0165 For Dual Locks, Add	60.00	
10MOD-0171 For Cast-In-Place Concrete Recess Mounting, Add	130.00	
10525-0008 EA 7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400).....	496.55	20.92
10MOD-0162 For Aluminum Or Dark Bronze Finish, Add	10.00	
10MOD-0163 For Tamper Switch Connected To Existing Alarm System, Add	40.00	
10MOD-0164 For Recess Mount, Add	51.98	
10MOD-0165 For Dual Locks, Add	60.00	
10MOD-0172 For Cast-In-Place Concrete Recess Mounting, Add	135.00	
10530 Protective Covers (10000)		
10531 Walkway/Parking Covers (10530)		
Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.		
10531-0001 Steel Walkway/Parking Covers (10531)		
Note: Factory applied polyester finish.		
10531-0002 SF Flat Roofed Steel Walkway/Parking Cover.....	32.44	4.49
Note: Includes factory applied polyester finish.		
10MOD-0124 For Snow Load (30 PSF), Add	9.38	
10MOD-0125 For Wind Load (140 MPH), Add	11.73	
10531-0003 SF Arch Roofed Steel Walkway/Parking Cover.....	34.59	4.84
Note: Includes factory applied polyester finish.		
10MOD-0124 For Snow Load (30 PSF), Add	9.97	
10MOD-0125 For Wind Load (140 MPH), Add	12.46	
10531-0004 Aluminum Walkway/Parking Covers (10531)		
10531-0005 SF Flat Roofed Aluminum Walkway/Parking Cover.....	23.02	4.49
Note: Includes factory applied polyester finish.		
10MOD-0124 For Snow Load (30 PSF), Add	5.62	
10MOD-0125 For Wind Load (140 MPH), Add	7.02	
10531-0006 SF Arch Roofed Aluminum Walkway/Parking Cover.....	24.99	4.84
Note: Includes factory applied polyester finish.		
10MOD-0124 For Snow Load (30 PSF), Add	6.13	
10MOD-0125 For Wind Load (140 MPH), Add	7.66	
10535 Awnings (10530)		
10535-0001 Metal Awnings (10535)		
Note: Includes metal cover, frame supports and anchoring.		
10535-0002 SF Ribbed Aluminum Window Awnings, Clear Weather Resistant Finish.....	29.12	6.33
10535-0003 SF Ribbed Aluminum Window Awning, Baked Enamel Finish.....	25.86	5.68
10535-0004 SF Flat Roofed Steel Awning (Per SF Of Covered Area).....	63.83	6.58
10535-0005 SF Arched Roofed Steel Awning (Per SF Of Covered Area).....	66.12	7.41
10535-0006 Canvas Awnings (10535)		
Note: Includes minimum 12 oz. canvas, frame supports and anchoring		
10535-0007 SF Canvas Awning, Waterproof Fabric Tubular Metal Framing.....	25.38	4.61

10000 Specialties
10530 Protective Covers
10535 Awnings



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10535-0008 SF Side Protection Canvas For Walkways (Per SF Of Wall Area)	13.77	1.48
10535-0009 SF Replacement Canvas For Awnings.....	13.88	
Note: Includes removal of existing canvas cover.		
10MOD-0149 For 18 Oz. Vinyl Laminated Polyester Cover, Add	0.44	
10535-0010 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished (10535)		
Note: Includes cover, frame supports and anchoring		
10535-0011 EA 8' x 10' Canopy, Aluminum, Wall Hung	2,433.03	307.07
10535-0012 EA 8' x 20' Canopy, Aluminum, Wall Hung	4,370.28	491.43
10535-0013 EA 10' x 10' Canopy, Aluminum, Wall Hung	3,006.28	384.20
10535-0014 EA 10' x 20' Canopy, Aluminum, Wall Hung	5,163.73	513.76

10550 Postal Specialties (10000)

10552 Mail Boxes (10550)

10552-0001 Commercial Postal Accessories For Mail Boxes (10552)

Note: For installation in post office type walls or partitions.

10552-0002 EA Complete Letter Box With Combination Lock Wall Or Partition Type.....	216.63	5.15
10552-0003 EA Complete Letter Box With key Lock.....	232.40	5.15
10552-0004 EA Outdoor Parcel Locker - 36" High x 13" Wide x 24-1/2" Deep, Plastic Locker Body, 2 Stainless Steel Doors And Lock Fittings, Bolted To Floor	1,241.70	
10552-0005 BOX Recessed Wall Mounted Group Mailbox, Aluminum. Cost Is Per Tenant Box	106.43	16.09
10552-0006 BOX Stand Mounted Group Mailbox, Aluminum	235.85	9.66
Note: Includes stand and mounting to ground. Cost is per tenant box.		

10552-0007 Horizontal Mailbox, Private Use, Rear Loading (10552)

Note: Includes numbers and lock.

10552-0008 EA Postal Box Grid System, Rear Load, Door: 6" Wide x 5" High x 1/4" Thick, Compartment Inside: 5-1/2" Wide x 4-1/2" High x 15-1/2" Deep, Per Box.....	67.94	9.66
10MOD-0126 For Front Load, Deduct	-5.19	
10MOD-0127 For Rear Load Or Front Load, Add	5.19	
10552-0009 EA Postal Box Grid System, Rear Load, Door: 12" Wide x 5" High x 1/4" Thick, Compartment Inside: 11-1/2" Wide x 4-1/2" High x 15-1/2" Deep, Per Box	150.81	16.09
10MOD-0126 For Front Load, Deduct	-11.86	
10MOD-0127 For Rear Load Or Front Load, Add	11.86	

10552-0010 Horizontal Mailbox, US Postal Service Use (10552)

Note: Includes numbers and lock.

10552-0011 EA US Postal Service Box Grid System, Rear Load, Door: 6" Wide x 5" High x 1/4" Thick, Compartment Inside: 5-1/2" Wide x 4-1/2" High x 15-1/2" Deep, Per Box	95.28	8.04
10MOD-0126 For Front Load, Deduct	-7.92	
10MOD-0127 For Rear Load Or Front Load, Add	7.92	
10552-0012 EA US Postal Service Box Grid System, Rear Load, Door: 12" Wide x 5" High x 1/4" Thick, Compartment Inside: 11-1/2" Wide x 4-1/2" High x 15-1/2" Deep, Per Box	161.41	16.09
10MOD-0126 For Front Load, Deduct	-12.92	
10MOD-0127 For Rear Load Or Front Load, Add	12.92	

10670 Storage Shelving (10000)

10672 Wood Shelving (10670)

10672-0001 Built-In Wood Shelving (10672)

Note: Priced by shelf area. Includes hardware and trim.

10672-0002 SF Built-in Wood Storage Shelving Post And Trimmed Plywood	12.27	1.63
10MOD-0128 For Each SF Of Lumber Edge Band, Add	0.69	
10MOD-0129 For Each SF Of Prefinished Shelves, Add	2.32	
10672-0003 SF Built-in Wood Storage Shelving Post And Solid Clear Pine	13.23	1.96
10MOD-0128 For Each SF Of Lumber Edge Band, Add	0.69	
10MOD-0129 For Each SF Of Prefinished Shelves, Add	2.32	
10672-0004 SF Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod.....	13.38	3.25
10MOD-0128 For Each SF Of Lumber Edge Band, Add	0.69	
10MOD-0129 For Each SF Of Prefinished Shelves, Add	2.32	

10672-0005 Shelving (10672)

10672-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted (10672-0005)

10672-0007 LF 1" x 8" White Pine Clear Grade Wood Shelving.....	10.28	3.90
10672-0008 LF 1" x 10" White Pine Clear Grade Wood Shelving.....	11.27	4.17
10672-0009 LF 1" x 12" White Pine Clear Grade Wood Shelving.....	12.39	4.49
10672-0010 SF Wood Shelving, 2" White Pine Clear Grade.....	16.02	

10672-0011 Plywood Shelf With Edge Band (10672-0005)

10672-0012 LF 3/4" Plywood Shelf, 12" Wide With Edge Band.....	12.40	3.90
10672-0013 LF 3/4" Plywood Shelf, 24" Wide With Edge Band.....	19.08	4.88



Specialties 10000	10
Storage Shelving 10670	
Wood Shelving 10672	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10672-0014		Adjustable Shelf And Rod (10672-0005)		
10672-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Including Rod	105.93	14.63
10672-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Including Rod	125.39	19.51
10672-0017		Prefinished Wood Shelves With Brackets And Supports (10672-0005)		
10672-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	10.85	3.90
10672-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	11.78	4.17
10672-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	37.60	6.51
10672-0021		Wood Shelving, Oak, Clear Grade, Wall Mounted (10672-0005)		
10672-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade.....	12.15	6.11
10800 Toilet And Bath Accessories (10000)				
10810 Toilet And Bath Accessories (10800)				
10810-0001		Toilet Accessories (10810)		
10810-0002		Dispensers (10810-0001)		
10810-0003		Paper Towel Dispensers (10810-0002)		
10810-0004		Stainless Steel Paper Towel Dispensers (10810-0003)		
10810-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	65.04	14.48
10810-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620).....	69.96	14.48
10810-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621).....	70.16	14.48
10810-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263).....	110.55	14.48
10810-0009	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359).....	117.41	14.48
10810-0010	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262).....	121.62	14.48
10810-0011	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526).....	175.20	6.44
10810-0012	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318).....	219.29	14.48
10810-0013	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860).....	265.12	14.48
10810-0014	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4362).....	312.77	14.48
10810-0015	EA	Semi-Recessed Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick Classic B-38616).....	715.47	14.48
10810-0016		Plastic Paper Towel Dispensers (10810-0003)		
10810-0017	EA	Surface Mounted, ABS Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262).....	49.05	14.48
10810-0018	EA	Surface Mounted, ABS Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860).....	100.30	14.48
10810-0019	EA	Surface Mounted, Translucent Cover, ABS Plastic Roll Paper Towel Dispenser (Bobrick B-72860).....	113.83	14.48
10810-0020		Aluminum Paper Towel Dispensers (10810-0003)		
10810-0021	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253).....	53.35	14.48
10810-0022		Toilet Tissue Dispensers (10810-0002)		
10810-0023		Plastic Toilet Tissue Dispensers (10810-0022)		
10810-0024	EA	Two Roll, Surface Mounted, ABS Plastic Toilet Tissue Dispenser (Bobrick B-5288).....	49.05	14.48
10810-0025	EA	Single Jumbo Roll, Surface Mounted, ABS Plastic Toilet Tissue Dispenser (Bobrick B-52891).....	51.71	14.48
10810-0026	EA	Two Jumbo Roll, Surface Mounted, ABS Plastic Toilet Tissue Dispenser (Georgia Pacific 58250).....	82.39	14.48
10810-0027		Cast Aluminum Toilet Tissue Dispensers (10810-0022)		
10810-0028	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730).....	44.33	14.48
10810-0029	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273).....	44.54	14.48
10810-0030	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740).....	48.64	14.48
10810-0031	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274).....	51.51	14.48
10810-0032	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460).....	67.09	14.48
10810-0033		Stainless Steel Toilet Tissue Dispensers (10810-0022)		
10810-0034	EA	Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264).....	37.77	14.48
10810-0035	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663).....	61.35	14.48
10810-0036	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890).....	66.06	14.48
10810-0037	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272).....	71.60	14.48
10810-0038	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265).....	44.54	14.48
10810-0039	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888).....	77.13	14.48
10810-0040	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888).....	109.62	14.48
10810-0041	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288).....	116.29	14.48
10810-0042	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388).....	148.57	14.48
10810-0043	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892).....	162.00	14.48

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10810 Toilet And Bath Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10810-0044	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386).....	234.34	14.48
		Note: Mounts centered through toilet partitions.		
10810-0045	EA	Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840)	86.56	14.48
10810-0046		Soap Dispensers <small>(10810-0002)</small>		
10810-0047	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221).....	59.09	14.48
		<i>10MOD-0130 For 34 Fluid Ounce (B-822), Add</i>	3.70	
10810-0048	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216).....	64.01	14.48
		<i>10MOD-0130 For 34 Fluid Ounce (B-822), Add</i>	3.70	
10810-0049	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	38.59	14.48
10810-0050	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	41.67	14.48
10810-0051	EA	32 Ounce, Surface Mounted, Stainless Steel Powdered Soap Dispenser (Bobrick B-132)	76.72	14.48
10810-0052	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	51.60	14.48
10810-0053	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	53.65	14.48
10810-0054	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	59.09	14.48
10810-0055	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	75.49	14.48
10810-0056	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	128.07	14.48
10810-0057	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	210.27	14.48
10810-0058	EA	80 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser And Shelf (Bobrick Classic B-2014).....	159.43	14.48
10810-0059	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826).....	153.90	14.48
10810-0060		Facial Tissue Dispensers <small>(10810-0002)</small>		
10810-0061	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	70.98	14.48
10810-0062	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-355)	66.98	14.48
10810-0063		Sanitary Toilet Seat Cover Dispensers <small>(10810-0002)</small>		
10810-0064	EA	Surface Mounted, ABS Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	39.00	14.48
10810-0065	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	53.56	14.48
10810-0066	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	95.99	14.48
10810-0067	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301).....	95.68	14.48
10810-0068	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	186.49	14.48
10810-0069		Sanitary Napkin/Tampon Dispensers <small>(10810-0002)</small>		
10810-0070	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick TrimLine B-2800)	432.60	14.48
10810-0071	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-282 25)	340.55	14.48
10810-0072	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	344.95	14.48
10810-0073	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Bobrick TrimLine B-3500 25)	398.66	14.48
10810-0074		Toilet Compartment Combination Dispenser/Disposals <small>(10810-0002)</small>		
10810-0075	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474).....	314.47	32.19
10810-0076	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	367.76	32.19
10810-0077	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	378.42	32.19
10810-0078	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357).....	439.72	32.19
10810-0079		Receptacles <small>(10810-0001)</small>		
10810-0080		Wall Mounted Waste Receptacles <small>(10810-0079)</small>		
10810-0081	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Bobrick B-261).....	94.15	14.48
10810-0082	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	100.71	14.48
10810-0083	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	234.11	32.19
10810-0084	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	337.01	32.19
10810-0085	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275).....	269.98	32.19
10810-0086		Floor-Standing/Counter Waste Receptacles <small>(10810-0079)</small>		
10810-0087	EA	Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	103.78	14.48
10810-0088	EA	13 Gallon, Open-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2260).....	196.93	6.44
10810-0089	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250).....	298.40	6.44
10810-0090	EA	21 Gallon, Open-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2280).....	268.68	6.44
10810-0091		Combination Paper Towel Dispenser/ Waste Receptacle <small>(10810-0079)</small>		
10810-0092	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-369)	186.34	32.19
10810-0093	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-4369)	313.03	32.19
10810-0094	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3944)	310.57	32.19
10810-0095	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3900)	407.74	32.19
10810-0096	EA	12 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3909)	559.85	32.19



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10810-0097	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-3961)	527.66	32.19
10810-0098	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-39619)	659.88	32.19
10810-0099	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-43944)	584.53	35.41
10810-0100	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3947)	405.57	35.41
10810-0101		Sanitary Napkin/Tampon Receptacles <small>(10810-0079)</small>		
10810-0102	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	54.53	16.09
10810-0103	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	108.65	16.09
10810-0104	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	118.70	16.09
10810-0105	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	149.45	16.09
10810-0106	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	259.53	16.09
10810-0107		Grab Bars <small>(10810-0001)</small>		
10810-0108		1-1/4" Diameter, Stainless Steel Grab Bars <small>(10810-0107)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10810-0109	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x12)	64.14	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.74	
10810-0110	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	64.14	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.74	
10810-0111	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	64.35	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.76	
10810-0112	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	65.78	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.89	
10810-0113	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	65.99	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.91	
10810-0114	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	68.04	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	4.10	
10810-0115	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	70.50	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	4.32	
10810-0116		1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars <small>(10810-0107)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10810-0117	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	122.71	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	8.73	
10810-0118	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	125.17	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	8.95	
10810-0119		1-1/2" Diameter, Stainless Steel Grab Bars <small>(10810-0107)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10810-0120	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	64.55	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.78	
10810-0121	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	64.55	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.78	
10810-0122	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	65.99	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.91	
10810-0123	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	66.81	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	3.99	
10810-0124	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	68.45	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	4.13	
10810-0125	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	70.09	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	4.28	
10810-0126	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	73.57	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	4.59	
10810-0127		1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars <small>(10810-0107)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10810-0128	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	86.69	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	5.48	
10810-0129	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	125.38	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	8.97	
10810-0130	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	126.81	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	9.10	
10810-0131		1-1/4" Diameter, Stainless Steel Swing Up Grab Bars <small>(10810-0107)</small>		
		Note: Includes satin finish.		
10810-0132	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	270.17	12.87
		<i>10MOD-0131 For Peened Grip, Add</i>	22.29	
10810-0133		Shelves <small>(10810-0001)</small>		
10810-0134	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	71.80	14.48
10810-0135	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	73.65	14.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10810-0136	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295).....	82.87	14.48
10810-0137	EA	5" Width x 36" Length, Stainless Steel Shelf (Bobrick B-295).....	103.58	14.48
10810-0138	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296).....	82.87	14.48
10810-0139	EA	6" Width x 24" Length, Stainless Steel Shelf (Bobrick B-296).....	93.94	14.48
10810-0140	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298).....	88.61	14.48
10810-0141	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298).....	96.61	14.48
10810-0142	EA	8" Width x 36" Length, Stainless Steel Shelf (Bobrick B-298).....	124.28	14.48
10810-0143	EA	6-1/4" Width x 24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-7676).....	70.37	14.48
10810-0144	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287).....	88.00	14.48
10810-0145	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletary Shelf (Bobrick B-683).....	89.84	14.48
10810-0146	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24).....	162.29	14.48
10810-0147	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30).....	173.94	14.48
10810-0148	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36).....	191.92	14.48
10810-0149	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48).....	240.84	14.48
10810-0150	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60).....	329.96	14.48
10810-0151	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412).....	133.27	14.48
10810-0152		Changing Stations (10810-0001)		
10810-0153	EA	Horizontal, Wall-Mounted, Polyethylene Child Protection Seat (Bobrick Koala Care KB102-00).....	141.86	19.31
10810-0154	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB100-00).....	331.27	19.31
10810-0155	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00).....	331.27	19.31
10810-0156	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-00-SSRE).....	1,424.93	19.31
10810-0157	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-00-SSWM).....	1,679.74	19.31
10810-0158		Folding Shower Seats (10810-0001)		
10810-0159	EA	33" Width, Wall-Mounted, Reversible Stainless Steel Folding Shower Seat (Bobrick B-5181).....	346.66	25.75
10810-0160	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde Folding Shower Seat (Bobrick B-517/518).....	440.95	25.75
10810-0161	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat.....	481.08	25.75
10810-0162		Soap/Dish Holders (10810-0001)		
10810-0163	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Bobrick B-7679).....	36.75	14.48
10810-0164	EA	Surface Mounted, Stainless Steel Soap Dish (Bobrick B-7680).....	37.16	14.48
10810-0165	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380).....	68.62	14.48
10810-0166	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390).....	74.97	14.48
10810-0167		Shower Curtains/Curtain Rods (10810-0001)		
10810-0168	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1).....	1.70	0.64
10810-0169	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)..... Note: Requires 7 curtain hooks.	34.39	6.44
10810-0170	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)..... Note: Requires 12 curtain hooks.	36.65	6.44
10810-0171	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	52.53	14.48
10810-0172	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	56.22	14.48
10810-0173	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	60.73	14.48
10810-0174	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	65.24	14.48
10810-0175	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107).....	47.41	14.48
10810-0176	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107).....	51.30	14.48
10810-0177	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107).....	53.97	14.48
10810-0178	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107).....	58.07	14.48
10810-0179	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	48.43	14.48
10810-0180	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	52.33	14.48
10810-0181	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	56.63	14.48
10810-0182	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	60.32	14.48
10810-0183		Hand Dryers (10810-0001)		
10810-0184	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710).....	413.08	80.47
10810-0185	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick AirPro B-709).....	538.12	80.47
10810-0186	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick Air Guard B-708).....	592.45	80.47
10810-0187	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (Bobrick AirCraft B-731).....	767.92	80.47
10810-0188	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick AirCraft B-750).....	844.18	80.47
10810-0189	EA	Recessed Mounted, Automatic Sensor, Color Cast-Iron Cover Hand Dryer (Bobrick AirCraft B-7507).....	940.12	80.47
10810-0190	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer Model A).....	581.46	80.47
10810-0191	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer Model A).....	641.90	80.47
10810-0192	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60).....	596.89	80.47
10810-0193	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T).....	616.18	80.47
10810-0194	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR).....	636.75	80.47
10810-0195	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)..... Note: LEED certified. Uses 80% less energy and eliminates paper waste.	722.10	80.47
10810-0196	EA	Surface Mounted, Automatic Sensor, 22 Gauge Steel Cover Hand Dryer (Bobrick B-7120).....	443.94	80.47
10810-0197	EA	Surface Mounted, Automatic Sensor, 18 Gauge Stainless Steel Cover Hand Dryer (Bobrick B-7128).....	524.21	80.47
10810-0198	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer RA).....	560.76	80.47
10810-0199	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer XRA).....	594.08	80.47
10810-0200	EA	Recessed Mounted, Automatic Sensor, Stainless Steel Cover Hand/Hair Dryer (World Dryer DXRA).....	681.82	80.47



Specialties 10000	10
Toilet And Bath Accessories 10800	
Toilet And Bath Accessories 10810	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10810-0201	Additional Accessories <small>(10810-0001)</small>		
10810-0202	Hooks <small>(10810-0201)</small>		
10810-0203	EA Stainless Steel Clothes Hook And Bumper (Bobrick B-212).....	18.20	6.44
10810-0204	EA Single Stainless Steel Robe Hook (Bobrick B-7671)	18.62	6.44
10810-0205	EA Double Stainless Steel Robe Hook (Bobrick B-7672).....	20.04	6.44
10810-0206	Clotheslines <small>(10810-0201)</small>		
10810-0207	EA Surface Mounted, Stainless Steel Retractable Clothesline (Bobrick B-7636).....	37.08	12.87
10810-0208	Towel Bars <small>(10810-0201)</small>		
10810-0209	EA 18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-7673).....	46.59	14.48
10810-0210	EA 24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-7673).....	48.84	14.48
10810-0211	EA 18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-7674).....	44.54	14.48
10810-0212	EA 24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-7674).....	45.15	14.48
10810-0213	EA 18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673).....	66.06	14.48
10810-0214	EA 24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673).....	68.93	14.48
10810-0215	EA 18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674).....	68.11	14.48
10810-0216	EA 24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674).....	70.57	14.48
10810-0217	EA 18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	70.98	14.48
10810-0218	EA 24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	73.24	14.48
10810-0219	EA 18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	57.04	14.48
10810-0220	EA 24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	59.50	14.48
10810-0221	Towel Bar With Shelf <small>(10810-0201)</small>		
10810-0222	EA 24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676).....	129.82	14.48
10810-0223	Towel Pins <small>(10810-0201)</small>		
10810-0224	EA Stainless Steel Towel Pin (Bobrick B-677).....	33.06	6.44
10810-0225	Drinking Fountain Grab Bars <small>(10810-0001)</small>		
10810-0226	1-1/4" Diameter, Stainless Steel Drinking Fountain Grab Bars <small>(10810-0225)</small>		
	Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.		
10810-0227	EA 1-1/4" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars.....	142.97	12.87
10810-0228	EA 1-1/4" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars.....	162.97	12.87
10810-0229	EA 1-1/4" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars.....	199.97	12.87
10810-0230	EA 1-1/4" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars.....	253.97	12.87
10810-0231	1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bars <small>(10810-0225)</small>		
	Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.		
10810-0232	EA 1-1/2" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars.....	151.97	12.87
10810-0233	EA 1-1/2" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars.....	171.97	12.87
10810-0234	EA 1-1/2" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars.....	210.97	12.87
10810-0235	EA 1-1/2" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars.....	263.97	12.87
10810-0236	1-1/2" Diameter, Steel Drinking Fountain Grab Bars <small>(10810-0225)</small>		
	Note: Includes three wall and one floor concealed mounting with snap flange.		
10810-0237	EA 1-1/2" Diameter, Steel Drinking Fountain Grab Bars	106.30	12.87
	Note: 42" High		
10810-0238	Mirrors <small>(10810)</small>		
10810-0239	Stainless Steel Channel Frame Glass Mirrors <small>(10810-0238)</small>		
10810-0240	EA 16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1624).....	81.62	16.09
10810-0241	EA 18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824).....	81.62	16.09
10810-0242	EA 18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830).....	85.31	16.09
	10MOD-0148 For Tempered Glass (B-1658), Add	30.42	
10810-0243	EA 18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836).....	93.10	16.09
	10MOD-0148 For Tempered Glass (B-1658), Add	35.88	
10810-0244	EA 24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430).....	102.73	16.09
10810-0245	EA 24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436).....	106.63	16.09
	10MOD-0148 For Tempered Glass (B-1658), Add	45.35	
10810-0246	EA 24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448).....	133.28	16.09
10810-0247	EA 24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460).....	154.80	16.09
10810-0248	EA 36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 3636).....	176.33	16.09
10810-0249	EA 48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836).....	219.58	16.09
10810-0250	EA 60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 6036).....	256.28	16.09
10810-0251	Stainless Steel Channel Frame Glass Mirror/Shelf Combination <small>(10810-0238)</small>		

10000 Specialties**10800 Toilet And Bath Accessories****10810 Toilet And Bath Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10810-0252	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824).....	128.97	16.09
10810-0253	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830).....	139.22	16.09
10810-0254	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836).....	146.19	16.09
10810-0255	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436).....	165.05	16.09
10810-0256		Stainless Steel Angle Frame Glass Mirrors <small>(10810-0238)</small>		
10810-0257	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824).....	115.85	16.09
10810-0258	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830).....	123.23	16.09
		<i>10MOD-0132 For Tempered Glass (B-2908), Add</i>	53.71	
10810-0259	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836).....	132.46	16.09
		<i>10MOD-0132 For Tempered Glass (B-2908), Add</i>	59.80	
10810-0260	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430).....	148.65	16.09
10810-0261	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436).....	149.47	16.09
		<i>10MOD-0132 For Tempered Glass (B-2908), Add</i>	71.03	
10810-0262	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448).....	198.67	16.09
10810-0263	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460).....	233.73	16.09
10810-0264	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472).....	269.74	16.09
10810-0265	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 3636).....	220.40	16.09
10810-0266	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 4836).....	263.86	16.09
10810-0267	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 7236).....	359.18	16.09
10810-0268		Stainless Steel Angle Frame Glass Mirror/Shelf Combination <small>(10810-0238)</small>		
10810-0269	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1824).....	217.53	16.09
10810-0270	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830).....	228.19	16.09
10810-0271	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836).....	239.47	16.09
10810-0272	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436).....	266.94	16.09
10810-0273		Frameless Stainless Steel Mirrors <small>(10810-0238)</small>		
10810-0274	EA	15-1/2" x 19-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1620).....	98.63	16.09
10810-0275	EA	15-1/2" x 23-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1624).....	110.73	16.09
10810-0276	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830).....	130.20	16.09
10810-0277	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436).....	169.36	16.09
10810-0278		Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors <small>(10810-0238)</small>		
10810-0279	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630).....	174.89	16.09
10810-0280	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830).....	184.53	16.09
10810-0281	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836).....	222.25	16.09
10810-0282	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436).....	273.70	16.09
10810-0283		Medicine Cabinets <small>(10810)</small>		
10810-0284		Metal Medicine Cabinets <small>(10810-0283)</small>		
10810-0285	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB).....	218.31	32.19
10810-0286	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397).....	144.93	32.19
		Note: Includes three adjustable plastic shelves.		
10810-0287	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297).....	153.54	32.19
		Note: Includes two fixed shelves with baked white enamel finish.		
10810-0288	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398).....	320.61	32.19
		Note: Includes four adjustable stainless steel shelves.		
10810-0289	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299).....	454.89	32.19
		Note: Includes four adjustable shelves.		
10810-0290		Ash Trays <small>(10810)</small>		
10810-0291	EA	Compact Type, Surface Mounted, Stainless Steel Wall Urn Ash Tray (Bobrick B-240).....	49.59	12.87
10810-0292		Janitorial Material <small>(10810)</small>		
10810-0293	EA	Stainless Steel Pail And Ladder Hook (Bobrick B-670).....	30.70	6.44
10810-0294	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24).....	78.36	14.48
10810-0295	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24).....	80.82	14.48
10810-0296	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x30).....	99.48	14.48
10810-0297	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36).....	92.10	14.48
10810-0298	EA	36" Length, Utility Hook Strip (Bobrick B-232x36).....	92.10	14.48
10810-0299	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36).....	195.21	14.48
10810-0300	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34).....	287.26	14.48
10810-0301		Remove And Reinstall Bathroom Accessories <small>(10810)</small>		
10810-0302	EA	Remove And Reinstall Bathroom Accessory.....	20.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10860 Security Mirrors And Domes (10000)

10861 Dome Mirrors (10860)

Note: Includes all mounting hardware. Indoor or outdoor applications.

10861-0001 Steel Dome Mirrors (10861)

10861-0002	EA	9" Diameter Full-Dome Steel Dome Mirror	147.82	12.88
10861-0003	EA	12" Diameter Full-Dome Steel Dome Mirror	173.52	13.52
10861-0004	EA	18" Diameter Full-Dome Steel Dome Mirror	200.51	14.81
10861-0005	EA	24" Diameter Full-Dome Steel Dome Mirror	266.78	16.10
10861-0006	EA	9" Diameter Half-Dome Steel Dome Mirror	105.93	9.66
10861-0007	EA	12" Diameter Half-Dome Steel Dome Mirror	122.08	10.31
10861-0008	EA	18" Diameter Half-Dome Steel Dome Mirror	142.49	11.27
10861-0009	EA	24" Diameter Half-Dome Steel Dome Mirror	197.48	12.24

10861-0010 Plexiglas Dome Mirrors (10861)

10861-0011	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	116.12	14.81
10861-0012	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	162.76	16.10
10861-0013	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	214.61	18.67
10861-0014	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	259.48	22.55
10861-0015	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	378.57	32.21
10861-0016	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	71.69	11.27
10861-0017	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	95.90	12.24
10861-0018	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	125.87	14.17
10861-0019	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	155.13	17.07
10861-0020	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	245.72	24.15
10861-0021	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	46.92	9.66
10861-0022	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	59.79	10.63
10861-0023	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	78.07	11.92
10861-0024	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	97.11	14.17
10861-0025	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	160.19	20.13

10861-0026 Coated Plexiglas Dome Mirrors (10861)

10861-0027	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	137.88	14.81
10861-0028	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	211.59	16.10
10861-0029	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	357.13	22.55
10861-0030	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	549.46	32.21
10861-0031	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	89.95	11.27
10861-0032	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	132.73	12.24
10861-0033	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	209.26	17.07
10861-0034	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	345.49	24.15
10861-0035	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	65.70	9.66
10861-0036	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	91.42	10.63
10861-0037	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	117.98	11.92
10861-0038	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	151.45	14.17
10861-0039	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	236.61	20.13

10862 Circular Convex Security Mirrors (10860)

Note: Includes all mounting hardware.

10862-0001 Plexiglas Circular Convex Mirrors (10862)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10862-0002	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	50.33	10.31
10862-0003	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	64.90	11.27
10862-0004	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	97.07	12.24
10862-0005	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	120.99	14.17
10862-0006	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	160.44	17.07
10862-0007	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	281.81	24.15
10862-0008	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	82.84	11.27
10862-0009	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	118.30	12.24
10862-0010	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	168.93	17.07
10862-0011	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	307.28	24.15

10862-0012 Coated Plexiglas Circular Convex Mirrors (10862)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10862-0013	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	99.40	11.27
10862-0014	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	155.02	12.24
10862-0015	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	207.71	14.17
10862-0016	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	259.15	17.07
10862-0017	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	376.27	24.15
10862-0018	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	118.82	11.27
10862-0019	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	182.62	12.24
10862-0020	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	253.35	14.17

10000 Specialties

10860 Security Mirrors And Domes

10862 Circular Convex Security Mirrors



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10862-0021 EA 36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	286.74	17.07
10862-0022 EA 48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	453.75	24.15

END OF SECTION 10



		Specialties 10000	10
		Security Mirrors And Domes 10860	
		Circular Convex Security Mirrors 10862	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10000 Specialties

10860 Security Mirrors And Domes

10862 Circular Convex Security Mirrors



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



Equipment 11000	11
Maintenance Equipment 11010	
Fall Protection Equipment 11011	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11000 Equipment

11010 Maintenance Equipment ⁽¹¹⁰⁰⁰⁾

11011 Fall Protection Equipment ⁽¹¹⁰¹⁰⁾

11011-0001 Safety And Tie-Back Anchors ⁽¹¹⁰¹¹⁾

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01352-0040 for engineering testing and inspection.

11011-0002

Roof Mounted, Safety And Tie-Back Anchors ⁽¹¹⁰¹¹⁻⁰⁰⁰¹⁾

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11011-0003	EA Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	352.15	48.30
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
	11MOD-0025 For Stainless Steel Pad Eye, Add	40.00	
	11MOD-0026 For Foam Insulation Filled HSS Tube, Add	10.00	
11011-0004	EA Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	299.62	48.30
	Note: Includes drilling in concrete and adhesive anchor systems.		
	11MOD-0025 For Stainless Steel Pad Eye, Add	40.00	
	11MOD-0026 For Foam Insulation Filled HSS Tube, Add	10.00	
11011-0005	EA Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	269.66	59.24
	11MOD-0025 For Stainless Steel Pad Eye, Add	40.00	
	11MOD-0026 For Foam Insulation Filled HSS Tube, Add	10.00	

11011-0006

Wall Mounted, Safety And Tie-Back Anchor ⁽¹¹⁰¹¹⁻⁰⁰⁰¹⁾

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11011-0007	EA Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	271.97	48.30
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
	11MOD-0025 For Stainless Steel Pad Eye, Add	40.00	
11011-0008	EA Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	246.32	48.30
	Note: Includes drilling in concrete and adhesive anchor systems.		
	11MOD-0025 For Stainless Steel Pad Eye, Add	40.00	
11011-0009	EA Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	241.67	59.24
	11MOD-0025 For Stainless Steel Pad Eye, Add	40.00	

11011-0010

Safety And Tie-Back Anchor Accessories ⁽¹¹⁰¹¹⁻⁰⁰⁰¹⁾

11011-0011	EA Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor).....	203.60	
	Note: One cut sheet required per order.		

11020 Security Equipment ⁽¹¹⁰⁰⁰⁾

11021 Security Devices ⁽¹¹⁰²⁰⁾

11021-0001 Pad Locks ⁽¹¹⁰²¹⁾

11021-0002	EA Combination Padlock.....	13.16	3.22
11021-0003	EA Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height.....	30.39	3.22
11021-0004	EA Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height.....	28.05	3.22
11021-0005	EA Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height.....	30.95	3.22
11021-0006	EA Commercial U-Bar Lock.....	37.64	3.22
11021-0007	EA Weather Tough Padlocks Keyed Alike.....	31.53	3.22
11021-0008	EA High Security Padlocks.....	28.44	3.22
11021-0009	EA Standard Key, Medium Security Padlock Keyed Alike.....	14.86	3.22

11070 Instrumental Equipment ⁽¹¹⁰⁰⁰⁾

11071 Door Devices ⁽¹¹⁰⁷⁰⁾

11071-0001 Door Bell System ⁽¹¹⁰⁷¹⁾

11071-0002	EA Door Bell, Push-button And Transformer - Complete.....	352.34	146.74
11071-0003	EA Visual Flashing Doorbell Indicator, Wire To Existing System - Complete.....	125.68	35.22
11071-0004	EA Replacement Bell/Buzzer - Complete.....	53.36	17.62
	Note: Includes removal of existing.		

11130 Audio-Visual Equipment ⁽¹¹⁰⁰⁰⁾

11131 Projectors ⁽¹¹¹³⁰⁾

11131-0001 Projectors ⁽¹¹¹³¹⁾

11131-0002	EA 2000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector.....	634.48	32.21
11131-0003	EA 2000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector.....	734.24	32.21
11131-0004	EA 2000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector.....	969.40	32.21
11131-0005	EA 3000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	1,525.23	32.21
11131-0006	EA 3500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	1,774.64	32.21

11000 Equipment
11130 Audio-Visual Equipment
11131 Projectors



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11131-0007 EA 3000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	2,252.08	32.21
11131-0008 EA 4000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,577.52	32.21
11131-0009 EA 5200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	4,845.95	32.21
11131-0010 EA 6000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,190.40	32.21
11131-0011 Projector Mounts <small>(11131)</small>		
11131-0012 Universal Projector Mounts <small>(11131-0011)</small>		
Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11131-0013 EA Flush Ceiling, Universal Projector Mount (Peerless PPF)	144.71	35.41
11131-0014 EA Wall Arm, Universal Projector Mount (Peerless PWA-14)	233.17	35.41
11131-0015 Projector Mount Components <small>(11131-0011)</small>		
Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11131-0016 Ceiling Attachment Plates For Projector Mounts <small>(11131-0015)</small>		
11131-0017 EA Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	53.23	16.09
11131-0018 EA Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	71.38	16.09
11131-0019 EA I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	98.26	16.09
11131-0020 EA Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	122.33	16.09
11131-0021 Projector Attachment Plates For Projector Mounts <small>(11131-0015)</small>		
11131-0022 EA Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	177.75	16.09
11131-0023 EA High Security Projector Enclosure For Projector Mounts (Peerless ALB)	389.41	16.09
11131-0024 Threaded Extension Columns For Projector Mounts <small>(11131-0015)</small>		
11131-0025 Fixed Length, Threaded Extension Column For Projector Mounts <small>(11131-0024)</small>		
Note: Peerless EXT series.		
11131-0026 EA 6" Fixed Length, Threaded Extension Column For Projector Mounts	30.94	4.83
11131-0027 EA 12" Fixed Length, Threaded Extension Column For Projector Mounts	39.89	4.83
11131-0028 EA 18" Fixed Length, Threaded Extension Column For Projector Mounts	43.25	4.83
11131-0029 EA 24" Fixed Length, Threaded Extension Column For Projector Mounts	45.49	4.83
11131-0030 EA 36" Fixed Length, Threaded Extension Column For Projector Mounts	54.30	6.44
11131-0031 EA 48" Fixed Length, Threaded Extension Column For Projector Mounts	65.50	6.44
11131-0032 EA 60" Fixed Length, Threaded Extension Column For Projector Mounts	83.42	6.44
11131-0033 EA 72" Fixed Length, Threaded Extension Column For Projector Mounts	95.74	6.44
11131-0034 EA 84" Fixed Length, Threaded Extension Column For Projector Mounts	112.39	8.04
11131-0035 EA 96" Fixed Length, Threaded Extension Column For Projector Mounts	128.07	8.04
11131-0036 EA 108" Fixed Length, Threaded Extension Column For Projector Mounts	142.49	9.66
11131-0037 EA 120" Fixed Length, Threaded Extension Column For Projector Mounts	149.21	9.66
11131-0038 Adjustable Length, Threaded Extension Columns For Projector Mounts <small>(11131-0024)</small>		
Note: Peerless ADJ series. Adjustable at 1" increments.		
11131-0039 EA 6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	63.12	8.04
11131-0040 EA 12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	96.72	8.04
11131-0041 EA 18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	98.96	8.04
11131-0042 EA 24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	102.31	8.04
11131-0043 EA 36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	111.13	9.66
11131-0044 EA 48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	116.73	9.66
11131-0045 EA 60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	129.05	9.66
11131-0046 EA 72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	140.25	9.66
11131-0047 EA 84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	155.79	11.27
11131-0048 EA 96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	166.98	11.27
11131-0049 EA 108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	182.52	12.87
11131-0050 EA 120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	190.36	12.87
11132 Screens <small>(11130)</small>		
11132-0001 Screens <small>(11132)</small>		
11132-0002 Pull Down Project Screen, Matte White Or Glass Beaded; Da-Lite Model B <small>(11132-0001)</small>		
11132-0003 EA 40 x 40 Pull Down Projection Screen	173.00	45.08
11MOD-0001 For High Contrast Matte, Add	40.00	
11MOD-0002 For Video Spectra Fabric, Add	40.00	
11MOD-0003 For High Power Fabric, Add	120.00	
11132-0004 EA 50 x 50 Pull Down Projection Screen	207.54	57.96
11MOD-0001 For High Contrast Matte, Add	40.00	
11MOD-0002 For Video Spectra Fabric, Add	40.00	
11MOD-0003 For High Power Fabric, Add	120.00	
11132-0005 EA 60 x 60 Pull Down Projection Screen	267.85	80.51
11MOD-0001 For High Contrast Matte, Add	40.00	
11MOD-0002 For Video Spectra Fabric, Add	40.00	
11MOD-0003 For High Power Fabric, Add	120.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11132-0006	EA 70 x 70 Pull Down Projection Screen.....	312.06	96.61
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0007	EA 84 x 84 Pull Down Projection Screen.....	480.70	144.91
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0008	EA 96 x 96 Pull Down Projection Screen.....	560.92	161.01
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0009	EA 64 x 84 Pull Down Projection Screen.....	396.97	103.04
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0010	EA 72 x 96 Pull Down Projection Screen.....	460.50	128.80
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0011	EA 43 x 57 Pull Down Projection Screen.....	240.33	54.74
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0012	EA 50 x 67 Pull Down Projection Screen.....	333.44	77.29
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0013	EA 55 x 77 Pull Down Projection Screen.....	364.77	86.95
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0014	EA 60 x 80 Pull Down Projection Screen.....	389.65	93.38
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0015	EA 69 x 92 Pull Down Projection Screen.....	452.30	112.70
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0016	EA 45 x 80 Pull Down Projection Screen.....	363.89	80.51
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0017	EA 52 x 92 Pull Down Projection Screen.....	413.66	93.38
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0018	Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded; Da-Lite Model C <small>(11132-0001)</small>		
11132-0019	EA 50 x 50 Pull Down Projection Screen.....	375.61	57.96
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0020	EA 60 x 60 Pull Down Projection Screen.....	447.93	80.51
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0021	EA 70 x 70 Pull Down Projection Screen.....	529.90	109.48
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0022	EA 84 x 84 Pull Down Projection Screen.....	624.76	144.91
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0023	EA 6' x 8' Pull Down Projection Screen.....	679.22	148.12
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0024	EA 8' x 8' Pull Down Projection Screen.....	728.99	161.01
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0025	EA 7' x 9' Pull Down Projection Screen.....	740.99	161.01
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	
11132-0026	EA 9' x 9' Pull Down Projection Screen.....	796.33	170.67
	11MOD-0001 For High Contrast Matte, Add	40.00	
	11MOD-0002 For Video Spectra Fabric, Add	40.00	
	11MOD-0003 For High Power Fabric, Add	120.00	

11000 Equipment**11130 Audio-Visual Equipment****11132 Screens**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11132-0027	EA	8' x 10' Pull Down Projection Screen	851.66	180.33
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0028	EA	10' x 10' Pull Down Projection Screen	913.44	193.21
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0029	EA	9' x 12' Pull Down Projection Screen	1,009.48	193.21
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0030	EA	12' x 12' Pull Down Projection Screen	1,186.31	257.62
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0031		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded; Da-Lite Model C With CSR ⁽¹¹¹³²⁻⁰⁰⁰¹⁾		
		Note: With controlled screen return.		
11132-0032	EA	60 x 60 Pull Down Projection Screen With CSR (Controlled Screen Return)	688.03	80.51
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0033	EA	70 x 70 Pull Down Projection Screen With CSR (Controlled Screen Return)	782.00	109.48
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0034	EA	84 x 84 Pull Down Projection Screen With CSR (Controlled Screen Return)	876.86	144.91
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return)	919.32	148.12
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return)	981.09	161.01
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return)	993.10	161.01
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,048.43	170.67
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,073.32	177.11
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,201.56	193.21
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,309.60	193.21
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return)	1,510.44	257.62
	11MOD-0001	For High Contrast Matte, Add	40.00	
	11MOD-0002	For Video Spectra Fabric, Add	40.00	
	11MOD-0003	For High Power Fabric, Add	120.00	
11132-0043		Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Cosmopolitan Electrol ⁽¹¹¹³²⁻⁰⁰⁰¹⁾		
		Note: Heavy-duty screen for exposed installation.		
11132-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted	1,175.99	72.46
11132-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted	1,204.39	80.51
11132-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted	1,259.97	96.61
11132-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted	1,462.39	144.91
11132-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted	1,498.36	148.12
11132-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted	1,591.79	161.01
11132-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted	1,622.55	161.01
11132-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted	1,704.15	172.28
11132-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted	1,802.69	180.33
11132-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted	1,869.05	193.21
11132-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted	1,924.42	193.21
11132-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted	2,149.20	257.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11132-0056 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Professional Electrol
(11132-0001)

Note: Heavy-duty screen for exposed or recessed installation without doors.

11132-0057	EA 9' x 12' Electric Projection Screen, Ceiling Mounted.....	2,426.07	193.21
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0058	EA 12' x 12' Electric Projection Screen, Ceiling Mounted.....	2,650.92	257.62
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0059	EA 14' x 14' Electric Projection Screen, Ceiling Mounted.....	3,267.55	289.82
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0060	EA 12' x 16' Electric Projection Screen, Ceiling Mounted.....	3,452.00	322.02
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0061	EA 16' x 16' Electric Projection Screen, Ceiling Mounted.....	3,700.87	386.42
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0062	EA 13.5' x 18' Electric Projection Screen, Ceiling Mounted.....	4,125.42	418.62
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0063	EA 18' x 18' Electric Projection Screen, Ceiling Mounted.....	4,513.95	450.83
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0064	EA 15' x 20' Electric Projection Screen, Ceiling Mounted.....	4,754.05	450.83
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0065	EA 20' x 20' Electric Projection Screen, Ceiling Mounted.....	5,134.97	515.23
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0066	EA 11' x 22' Electric Projection Screen, Ceiling Mounted.....	4,725.67	418.62
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0067	EA 16.5' x 22' Electric Projection Screen, Ceiling Mounted.....	5,038.93	515.23
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0068	EA 22' x 22' Electric Projection Screen, Ceiling Mounted.....	5,287.78	579.63
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0069	EA 12' x 24' Electric Projection Screen, Ceiling Mounted.....	5,030.17	450.83
	Note: Heavy-duty screen for exposed or recessed installation without doors		
11132-0070	EA 18' x 24' Electric Projection Screen, Ceiling Mounted.....	6,488.28	579.63
	Note: Heavy-duty screen for exposed or recessed installation without doors		

11132-0071 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Executive Electrol
(11132-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11132-0072	EA 50 x 50 Electric Projection Screen, Ceiling Mounted.....	2,184.56	72.46
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0073	EA 60 x 60 Electric Projection Screen, Ceiling Mounted.....	2,236.67	80.51
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0074	EA 70 x 70 Electric Projection Screen, Ceiling Mounted.....	2,292.88	96.61
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0075	EA 84 x 84 Electric Projection Screen, Ceiling Mounted.....	2,473.53	144.91
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0076	EA 6' x 8' Electric Projection Screen, Ceiling Mounted.....	2,503.98	148.12
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0077	EA 8' x 8' Electric Projection Screen, Ceiling Mounted.....	2,601.77	161.01
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0078	EA 7' x 9' Electric Projection Screen, Ceiling Mounted.....	2,673.80	161.01
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0079	EA 9' x 9' Electric Projection Screen, Ceiling Mounted.....	2,732.35	172.28
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0080	EA 8' x 10' Electric Projection Screen, Ceiling Mounted.....	2,808.48	180.33
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0081	EA 10' x 10' Electric Projection Screen, Ceiling Mounted.....	2,882.26	193.21
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0082	EA 9' x 12' Electric Projection Screen, Ceiling Mounted.....	2,906.27	193.21
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0083	EA 12' x 12' Electric Projection Screen, Ceiling Mounted.....	3,155.13	257.62
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0084	EA 10.6' x 14' Electric Projection Screen, Ceiling Mounted.....	3,379.41	273.71
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0085	EA 14' x 14' Electric Projection Screen, Ceiling Mounted.....	3,531.66	289.82
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0086	EA 12' x 16' Electric Projection Screen, Ceiling Mounted.....	3,860.17	322.02
	Note: In-the-ceiling screen with automatically operated door to conceal screen		
11132-0087	EA 16' x 16' Electric Projection Screen, Ceiling Mounted.....	4,049.01	386.42
	Note: In-the-ceiling screen with automatically operated door to conceal screen		

11132-0088 Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Senior Electrol
(11132-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11132-0089	EA 50 x 50 Electric Projection Screen, Senior.....	1,819.61	72.46
	Note: Heavy duty screen for recessed or exposed installation		
11132-0090	EA 60 x 60 Electric Projection Screen, Senior.....	1,868.61	88.55
	Note: Heavy duty screen for recessed or exposed installation		
11132-0091	EA 70 x 70 Electric Projection Screen, Senior.....	1,895.52	96.61
	Note: Heavy duty screen for recessed or exposed installation		
11132-0092	EA 84 x 84 Electric Projection Screen, Senior.....	2,026.94	144.91
	Note: Heavy duty screen for recessed or exposed installation		
11132-0093	EA 6' x 8' Electric Projection Screen, Senior.....	2,044.19	148.12
	Note: Heavy duty screen for recessed or exposed installation		

11000 Equipment
11130 Audio-Visual Equipment
11132 Screens



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11132-0094	EA	8' x 8' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,115.57	161.01
11132-0095	EA	7' x 9' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,179.19	161.01
11132-0096	EA	9' x 9' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,286.97	172.28
11132-0097	EA	8' x 10' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,319.88	180.33
11132-0098	EA	10' x 10' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,397.26	193.21
11132-0099	EA	9' x 12' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,413.65	225.41
11132-0100	EA	12' x 12' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,646.12	257.62
11132-0101	EA	10'-6" x 14' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,276.17	273.71
11132-0102	EA	14' x 14' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,422.41	289.82
11132-0103	EA	12' x 16' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,708.91	322.02
11132-0104	EA	16' x 16' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,888.15	386.42
11132-0105	EA	13'-6" x 18' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	4,234.67	418.62
11132-0106	EA	18' x 18' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	4,499.55	450.83
11132-0107	EA	15' x 20' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	4,674.82	450.83
11132-0108	EA	20' x 20' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	5,178.19	515.23
11132-0109	EA	50 x 67 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	1,895.52	96.61
11132-0110	EA	60 x 80 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	1,994.74	128.80
11132-0111	EA	69 x 92 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,037.75	144.91
11132-0112	EA	87 x 116 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,331.88	180.33
11132-0113	EA	105 x 140 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,513.29	225.41
11132-0114	EA	123 x 164 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,121.09	289.82
11132-0115	EA	141 x 188 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,341.14	354.22
11132-0116	EA	12' x 24' Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	5,800.46	483.02
11132-0117	EA	45 x 80 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,000.75	128.80
11132-0118	EA	52 x 92 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,055.76	144.91
11132-0119	EA	54 x 96 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,109.89	154.57
11132-0120	EA	58 x 104 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,146.45	167.45
11132-0121	EA	65 x 116 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,274.26	180.33
11132-0122	EA	78 x 139 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	2,467.67	225.41
11132-0123	EA	92 x 164 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,088.67	289.82
11132-0124	EA	106 x 188 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	3,580.04	354.22
11132-0125	EA	119 x 212 Electric Projection Screen, Senior Note: Heavy duty screen for recessed or exposed installation	4,339.11	418.62
11132-0126		Electric Project Screen, Matte White Or Glass Beaded; Da-Lite Boardroom Electrol <small>(11132-0001)</small>		
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11132-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,289.50	72.46
11132-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,335.13	80.51
11132-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,389.47	96.61
11132-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,562.37	144.91
11132-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,593.42	148.12
11132-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,672.08	161.01
11132-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted Note: In-the-ceiling screen with automatically operated door to conceal screen	2,754.52	161.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11132-0134 EA 9' x 9' Electric Projection Screen, Ceiling Mounted..... Note: In-the-ceiling screen with automatically operated door to conceal screen	2,829.97	172.28
11132-0135 EA 8' x 10' Electric Projection Screen, Ceiling Mounted..... Note: In-the-ceiling screen with automatically operated door to conceal screen	2,885.44	180.33
11132-0136 EA 10' x 10' Electric Projection Screen, Ceiling Mounted..... Note: In-the-ceiling screen with automatically operated door to conceal screen	2,973.95	193.21
11132-0137 EA 9' x 12' Electric Projection Screen, Ceiling Mounted..... Note: In-the-ceiling screen with automatically operated door to conceal screen	3,058.85	193.21
11132-0138 EA 12' x 12' Electric Projection Screen, Ceiling Mounted..... Note: In-the-ceiling screen with automatically operated door to conceal screen	3,259.02	257.62
11132-0139 Electric Ascending Project Screen, Matte White, Glass Beaded; Da-Lite Ascender Electrol <small>(11132-0001)</small> Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11132-0140 EA 60 x 80 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	5,579.01	161.01
11132-0141 EA 69 x 92 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	5,979.55	193.21
11132-0142 EA 87 x 116 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	6,989.10	289.82
11132-0143 EA 105 x 140 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	8,815.00	386.42
11132-0144 EA 120 x 160 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	9,784.15	450.83
11132-0145 EA 52 x 92 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	5,915.15	161.01
11132-0146 EA 58 x 104 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	6,471.75	193.21
11132-0147 EA 65 x 116 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	6,860.30	225.41
11132-0148 EA 78 x 139 Electric Ascending Projection Screen Note: Includes a motorized spring assisted scissors mechanism and trap door housing	8,621.78	289.82
11132-0149 Electric Rear Projection Screen, Da-Lite DA-View <small>(11132-0001)</small> Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11132-0150 EA 60" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	2,205.39	161.01
11132-0151 EA 67" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	2,761.04	177.11
11132-0152 EA 72" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	3,159.66	193.21
11132-0153 EA 84" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	5,652.07	209.31
11132-0154 EA 90" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	6,260.08	6,034.66
11132-0155 EA 96" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	6,952.62	257.62
11132-0156 EA 100" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	8,901.44	289.82
11132-0157 EA 120" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	12,001.85	322.02
11132-0158 EA 125" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	13,427.23	354.22
11132-0159 EA 135" Diagonal Video Format Rigid Rear Projection Screen..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing	17,940.96	386.42
11132-0160 Screen Accessories <small>(11132-0001)</small>		
11132-0161 Manual Pull Down Accessories <small>(11132-0160)</small>		
11132-0162 EA 6" Mounting Bracket (Pair).....	31.27	4.83
11132-0163 EA 14" Wall Mounting Bracket (Pair).....	43.27	5.15
11132-0164 EA 14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair).....	50.48	5.80
11132-0165 Electric Powered Screen Accessories <small>(11132-0160)</small>		
11132-0166 EA Single Motor Low Voltage Remote Control System - Infrared.....	303.01	
11132-0167 EA Single Motor Low Voltage Remote Control System - Radio Frequency.....	435.06	
11135 Educational Materials <small>(11130)</small>		
11135-0001 Lectern <small>(11135)</small>		
11135-0002 EA CON 1500-32 Van Oak Lectern.....	2,853.69	32.17
11139 Custom Audio-Visual Equipment <small>(11130)</small>		

11000 Equipment
11130 Audio-Visual Equipment
11139 Custom Audio-Visual Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11139-0001	Audio-Visual Equipment <small>(11139)</small>		
	Note: Includes installation of AV components may be subject to further verification of site conditions before engineering sign-off. Custom control software programming (to be verified after client consultation). Project design, integration, training, including manuals and documentation. Shipping and handling. AV project manager site visit travel expenses per trip.		
11139-0002	Audio Equipment <small>(11139-0001)</small>		
11139-0003	EA TOA Condenser Microphone Preamp with Remote Mute Capability	322.85	
11139-0004	EA Passive Stereo Line Combiner, Combines Stereo to Mono.....	90.33	
11139-0005	EA Power Supply 24 Volt, 400 mA for Stereo Line Amplifier	30.75	
11139-0006	EA TOA 120 Watt Modular Mixer / Amplifier.....	1,429.79	
11139-0007	EA Auxiliary Stereo Input Module with internal summing and muting capabilities	76.87	
11139-0008	EA Rack Mount Kit for Power Amplifier	48.04	
11139-0009	EA TOA Equalization Module for Wide Dispersion Speaker.....	142.20	
11139-0010	EA TOA Wide Dispersion Speaker with transformer for 70 volt operation	270.97	
11139-0011	AV Microphones <small>(11139-0001)</small>		
11139-0012	EA Audio-Technica Miniature Cardioid Condenser Gooseneck Microphone.....	720.65	
11139-0013	Control System <small>(11139-0001)</small>		
11139-0014	EA Digitally Controlled 3-channel Audio Attenuator.....	1,081.95	
	Note: Each channel has controls for volume, tone and mute.		
11139-0015	EA Crestron Pro2 Integrated Control System	5,163.72	
	Note: Includes 8-IR, 8-digital I/Os, 8-relays, 6-RS-232, 3 CNX expansion slots and 1 DPA Ethernet-based communication CNX slot included.		
11139-0016	EA IR Emitter Cable.....	73.02	
11139-0017	EA IR/S Control Cable	144.12	
11139-0018	EA Crestron lsys Compact Video Touchpanel, 5" Diagonal Color Active Matrix Desktop Tilt-case Color Touch Control, 64,000 Colors, 320x234 Pixels.....	2,434.84	
11139-0019	Interfaces <small>(11139-0001)</small>		
11139-0020	EA Extron RGB 109xi Dedicated VGA/S-VGA/XGA/2/VESA interface.....	1,139.58	
11139-0021	EA VGA Male/BNC Female Adapter cable	78.80	
11139-0022	EA Rack Shelf (1RU), holds 2 1RU High 1/2 Rack Units.....	240.22	
11139-0023	Display Wall Processors <small>(11139-0001)</small>		
11139-0024	EA Jupiter Fusion 950 High Performance High-availability Display Wall Graphics Server	45,198.64	
	Note: Includes 4 high resolution display channels; 6 RGB inputs; 6 RGB output window processors; 16 Composite Video Inputs, 8 - S-Video Inputs (4 Displayable Concurrently); 1 4U rackmount main chassis; Dual (2) 300W hot-swap power supplies; 1 Intel Pentium III CPU @ 1 GHz; 512MB Memory; Single removable 20GB disk drive; 52X CD-ROM drive, 1.44MB floppy drive; 2 10/100 Mb/s RJ-45 Ethernet connectors; Ports: 1 parallel, 2 USB, 1 serial; PS/2 104 keyboard, PS/2 mouse, 1 year limited hardware warranty, 90 days installation assistance via phone and email, Galileo Software, Windows 2000 Professional, Jupiter Multiple Channel Software, ControlPoint Software, X server for Unix Connectivity, 1 Year of software support		
11139-0025	Projectors <small>(11139-0001)</small>		
11139-0026	EA Barco Helios 24/7/365 mission critical performance data Projector, 3 panel LCD, 1280x1024, 750 ANSI Lumens, high MTBF, 4000 hour lamp and 1:27:1 lens for Helios.....	35,513.54	
	Note: Includes corner focus to match screen size		
11139-0027	Rack Equipment <small>(11139-0001)</small>		
11139-0028	EA Power Conditioning and Rack Accessories	576.52	
11139-0029	EA Stand Alone Rack With Rear Door.....	2,306.10	
11139-0030	Switchers <small>(11139-0001)</small>		
11139-0031	EA Six-Input, Two-Output 100KHz Stereo Audio Switcher, 1/2 rack width (RS-232 control).....	1,153.05	
11139-0032	AV Source Components <small>(11139-0001)</small>		
11139-0033	EA JVC Professional VCR 4-Head S-VHS Hi-Fi Serial IR control	768.70	
11139-0034	EA Marantz Professional DVD Player With 500 TVL Res. S-Video Output, Dolby Digital, Rack-Mount (RS-232 control).....	1,153.05	
11139-0035	EA Tuner for AM/FM (IR Control)	601.50	
11139-0036	EA Rack Mount for VCR.....	192.18	
11139-0037	EA Rack Mount for Tuner.....	192.18	
11139-0038	Visualizers And Custom Items <small>(11139-0001)</small>		
11139-0039	EA Canon VC-C4 Visualizer With Rotating Camera Head	6,026.60	
	Note: 450+ TV Lines resolution, 8x Zoom lens, built-in switcher with a composite, S-Video, Mic, and sync inputs, Y/C and composite outputs, built-in light base for slides with neg/pos, and RS-232 remote control.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11139-0040	Cables <small>(11139-0001)</small>		
11139-0041	MLF Low Cap Control (22 AWG pair) And Power (18 AWG pair) in Plenum Cable \$/per 1000 ft. (2 control And 2 power connectors needed).....	1,960.18	
11139-0042	MLF Broadcast Audio Cable (22 gauge/4-conductor).....	238.30	
11139-0043	MLF Broadcast Speaker Cable (22 gauge/2-conductor).....	442.00	
11139-0044	MLF Mini High Resolution RGBHV Plenum Cable.....	5,765.24	
11139-0045	MLF Miscellaneous Cables Connectors And Hardware (to be verified after on site visit).....	1,274.12	
11139-0046	Mixers <small>(11139-0001)</small>		
11139-0047	EA Audio Mixer 4 Input Auto Mixer.....	1,248.74	
11139-0048	AV Wireless Microphone <small>(11139-0001)</small>		
11139-0049	EA Wireless Microphone, UHF, Multi Channel with Hand Held Microphone, Rack Mount Kit.....	1,305.33	
11139-0050	EA Wireless Microphone, UHF, Multi Channel with Lavalier Microphone, Rack Mount Kit.....	1,360.10	
11139-0051	Videoconference Equipment <small>(11139-0001)</small>		
11139-0052	EA Canon Remote Control Color Camera with pan/tilt zoom control via RS-232.....	2,681.88	
11139-0053	EA Canon Remote Control Color Camera with pan/tilt zoom control via RS-232. LAN Output.....	3,286.16	
11139-0054	Command View Display Wall <small>(11139)</small>		
	Note: Includes Installation, Freight, and Shipping. STANDARD FEATURES: Patented "Seamless" Screen Retention System; Heavy Wall Aluminum and Sheet Metal Stackable Structure; Single Element Acrylic Screen (Fresnel Lenticular or Diffusion); Hinged Lower Enclosure Panels for Projector Access; Mobile Universal Projector Cart with Micro Adjustment for Image Fine Tuning (Single and Double High); Durable High Pressure External Panel Finish, per Evans' Standard Offerings; PowerTrak Powered Lift Mechanism for Double High, Triple High, and Quad High Screen Matrices where applicable); Horizontal and Vertical Light Baffles Between All Adjacent Screens; Wilsonart Black laminate 1595-60 internal panel finish.		
11139-0055	4/3 Ratio Projection Screen <small>(11139-0054)</small>		
	Note: Command view fresnel lenticular screens		
11139-0056	EA 110" 4/3 Ratio Fresnel Lenticular Projection Screen (88"W x 66"H).....	10,519.63	
11139-0057	Mirror Assemblies <small>(11139-0054)</small>		
11139-0058	EA 90" to 124" 1st Surface Mirror Assembly.....	3,087.07	
11139-0059	Free Standing System <small>(11139-0054)</small>		
	Note: Includes projector rack, screen rack, upper, lower, top and rear enclosure panels. Command view single high, free standing modules		
11139-0060	EA 110" Single High Free Standing Module.....	8,800.00	
11139-0061	EA Shared Posts Credit For Single High Free Standing Module.....	-1,000.53	
11139-0062	Equipment Support Solutions <small>(11139-0054)</small>		
	Note: Command view projector support solutions		
11139-0063	EA Single Level Mobile Universal Projector Cart (Folded Optic Applications Only) - One Cart Per Projector.....	1,062.43	
11139-0064	Contractor Furnished Equipment <small>(11139)</small>		
11139-0065	EA Cisco Supervisor III Module, pn WS-X5530-E3A.....	12,439.80	
11139-0066	EA Cisco Uplink Module, pn WS-U5538-FEFX-MMF.....	4,284.82	
11139-0067	EA Cisco Switch - 36 Ports 10/100 TX, pn WS-X5239-RJ21-RF.....	6,358.12	
11140	Vehicle Service Equipment <small>(11000)</small>		
11145	Vehicle Washing Equipment <small>(11140)</small>		
11145-0001	Vehicle Washing Equipment <small>(11145)</small>		
	Note: Complete equipment and installation for system. Excludes earthwork, concrete foundation, walls or housing.		
11145-0002	Brushless Type <small>(11145-0001)</small>		
11145-0003	EA 30' Vehicle Wash Equipment, Brushless.....	188,172.14	
11145-0004	EA 50' Vehicle Wash Equipment, Brushless.....	209,928.11	
11145-0005	EA 100' Vehicle Wash Equipment, Brushless.....	271,727.03	
11145-0006	EA 130' Vehicle Wash Equipment, Brushless.....	318,409.96	
11145-0007	Brush Type <small>(11145-0001)</small>		
11145-0008	EA 30' Vehicle Wash Equipment, Brush.....	122,441.84	
11145-0009	EA 50' Vehicle Wash Equipment, Brush.....	149,350.80	
11145-0010	EA 100' Vehicle Wash Equipment, Brush.....	216,301.61	
11145-0011	EA 130' Vehicle Wash Equipment, Brush.....	266,932.40	

11000 Equipment**11140 Vehicle Service Equipment****11145 Vehicle Washing Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11145-0012		High Pressure Water System (11145-0001)		
11145-0013	EA	High Pressure Water Equipment.....	45,188.08	
11145-0014		Car Wash Package Water Heater, Gas Fired (11145-0001)		
		Note: Continuous duty, high recovery		
11145-0015	EA	180 MBH Car Wash Water Heater, 174 GPH.....	5,273.73	
11145-0016	EA	280 MBH Car Wash Water Heater, 270 GPH.....	5,667.41	
11145-0017	EA	400 MBH Car Wash Water Heater, 386 GPH.....	6,481.17	
11145-0018	EA	480 MBH Car Wash Water Heater, 464 GPH.....	6,872.59	
11145-0019	EA	605 MBH Car Wash Water Heater, 584 GPH.....	7,895.26	
11145-0020	EA	700 MBH Car Wash Water Heater, 676 GPH.....	8,390.28	
11145-0021	EA	1000 MBH Car Wash Water Heater, 966 GPH.....	9,416.71	
11145-0022	EA	1200 MBH Car Wash Water Heater, 1159 GPH.....	12,657.76	
11145-0023	EA	1400 MBH Car Wash Water Heater, 1353 GPH.....	13,852.16	
11146		Service Station Equipment (11146)		
11146-0001		Lube Equipment (11146)		
11146-0002		Hose Reels With Pumps, Not Including Piping (11146-0001)		
11146-0003	EA	1 Reel Hose Reel With Pump, Not Including Piping.....	2,464.27	1,006.08
11146-0004	EA	2 Reel Hose Reel With Pump, Not Including Piping.....	3,017.11	1,173.54
11146-0005	EA	3 Reel Hose Reel With Pump, Not Including Piping.....	3,630.48	1,340.18
11146-0006	EA	4 Reel Hose Reel With Pumps, Not Including Piping.....	4,213.36	1,508.07
11146-0007	EA	5 Reel Hose Reel With Pumps, Not Including Piping.....	4,798.57	1,674.41
11146-0008	EA	Diesel Refueling Station, Including Valves, Hose, Nozzle And Stand.....	3,540.11	806.85
11146-0009	EA	Lube Station, Including Valves, Hose, Nozzle And Stand.....	2,913.91	744.78
11146-0010		Wash Reels And Supports (11146)		
11146-0011	EA	Hose Reel With 100' Hose, 1-1/2" High Pressure Hose.....	1,371.31	73.87
11146-0012	EA	Wash Station Support.....	650.36	161.74
11146-0013		Pneumatic Powered Pump (11146)		
		Note: Excludes air compressor		
11146-0014	EA	Pumping Unit - Oil/Gear Lube.....	2,447.36	56.16
11146-0015	EA	Pumping Unit - Grease.....	3,381.37	56.16
11146-0016		Pumping Unit Accessories (11146)		
11146-0017	EA	Hose Reel - 1000 PSI- Oil/Lube.....	1,675.19	42.13
11146-0018	EA	Hose Reel - 5000 PSI- Grease.....	1,913.36	42.13
11146-0019	EA	Hose Reel - 160 PSI- Air.....	1,259.56	42.13
11146-0020	EA	Control Valve - Oil/Lube.....	703.72	21.10
11146-0021	EA	Control Valve - Grease.....	376.82	21.10
11150		Parking Control Equipment (11000)		
11151		Parking Control Equipment (11150)		
11151-0001		Parking Equipment (11151)		
11151-0002	EA	Traffic Detectors, Magnetic.....	474.21	65.64
11151-0003	EA	Traffic Detectors, Single Treadle.....	1,045.07	70.58
11151-0004	EA	Automatic Gate, 8' Arm, One-Way.....	2,767.24	162.34
11151-0005	EA	Automatic Gate, 8' Arm, Two-Way.....	2,987.68	162.34
11151-0006	EA	Parking Booth For Attendant.....	1,053.32	
11151-0007	EA	Parking Fee Indicator, 1" Display.....	1,061.24	43.06
11151-0008	EA	Standard Parking Ticket Dispenser With Printer.....	5,278.96	127.05
11151-0009	EA	Rate Computing Parking Ticket Dispenser With Printer.....	7,069.51	127.05
11151-0010	EA	1 - Period Card Control Station.....	831.29	43.06
11151-0011	EA	4 - Period Card Control Station.....	855.26	43.06
11151-0012	EA	Parking Key Station On Pedestal.....	513.71	43.06
11151-0013	EA	Multiple Station Slot Box, Parking.....	1,265.29	43.06
11151-0014	EA	3' Section Surface Mounted Non-Motorized Tire Shredder Traffic Controller.....	698.03	128.72
11151-0015	EA	6' Section Flush Mounted Non-Motorized Tire Shredder Traffic Controller.....	1,020.70	257.44
11151-0016	EA	Surface Mounted Motorized Tire Shredder And Controller.....	11,031.63	193.08
		Note: Includes hydraulic controller, two 3' tire shredder modules. Excludes electrical connections.		
		11MOD-0004 For Additional Surface Mounted 3' Section Modules.....	999.00	
		11MOD-0005 For Illuminated Warning Sign Package, Add.....	645.00	
		11MOD-0006 For Traffic Warning Lights, Add.....	395.00	
		11MOD-0007 For Synchronized Barrier Gate, Add.....	1,425.00	
11151-0017	EA	Remove Parking Meter For Replacement Or Reinstall Existing Meter.....	147.17	
11151-0018		Replacement Parking Equipment (11151)		
11151-0019	EA	10' Wood Arm Replacement With Bolts.....	280.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11151-0020 EA 12' Wood Arm Replacement With Bolts	294.30	
11151-0021 EA 14' Wood Arm Replacement With Bolts	309.95	
11151-0022 EA 12' Aluminum Arm Replacement With Bolts	407.65	
11151-0023 EA 14' Aluminum Arm Replacement With Bolts	422.40	
11151-0024 EA 16' Aluminum Arm Replacement With Bolts	595.83	
11151-0025 EA 18' Aluminum Arm Replacement With Bolts	605.37	
11151-0026 EA 20' Aluminum Arm Replacement With Bolts	622.74	
11151-0027 EA 22' Aluminum Arm Replacement With Bolts	715.09	
11151-0028 EA 24' Aluminum Arm Replacement With Bolts	727.64	

11160 Loading Dock Equipment (11000)

11161 Loading Dock Bumpers (11160)

11161-0001 Laminated Rubber Dock Bumpers (11161)

11161-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers (11161-0001)

11161-0003 EA 14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	71.53	12.87
11161-0004 EA 24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	89.35	12.87
11161-0005 EA 36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	114.69	12.87
11161-0006 EA 12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	79.15	12.87
11161-0007 EA 14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	85.39	12.87
11161-0008 EA 18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	96.77	12.87
11161-0009 EA 24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	114.69	12.87
11161-0010 EA 36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	155.08	12.87
11161-0011 EA 12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	89.25	12.87
11161-0012 EA 12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	96.77	12.87
11161-0013 EA 12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	118.26	12.87
11161-0014 EA 12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	133.50	12.87
11161-0015 EA 12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	183.00	12.87
11161-0016 EA 11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	109.45	12.87
11161-0017 EA 11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	127.07	12.87
11161-0018 EA 11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	164.79	12.87

11161-0019 6" Projection, Laminated Rubber Dock Bumpers (11161-0001)

11161-0020 EA 12" x 10", 6" Projection, Laminated Rubber Dock Bumper	104.43	12.87
11161-0021 EA 14" x 10", 6" Projection, Laminated Rubber Dock Bumper	110.67	12.87
11161-0022 EA 18" x 10", 6" Projection, Laminated Rubber Dock Bumper	125.72	12.87
11161-0023 EA 24" x 10", 6" Projection, Laminated Rubber Dock Bumper	148.68	12.87
11161-0024 EA 36" x 10", 6" Projection, Laminated Rubber Dock Bumper	199.27	12.87
11161-0025 EA 12" x 12", 6" Projection, Laminated Rubber Dock Bumper	118.29	12.87
11161-0026 EA 14" x 12", 6" Projection, Laminated Rubber Dock Bumper	123.44	12.87
11161-0027 EA 18" x 12", 6" Projection, Laminated Rubber Dock Bumper	143.73	12.87
11161-0028 EA 24" x 12", 6" Projection, Laminated Rubber Dock Bumper	174.03	12.87
11161-0029 EA 36" x 12", 6" Projection, Laminated Rubber Dock Bumper	244.22	12.87
11161-0030 EA 11" x 20", 6" Projection, Laminated Rubber Dock Bumper	148.59	12.87
11161-0031 EA 11" x 24", 6" Projection, Laminated Rubber Dock Bumper	168.98	12.87
11161-0032 EA 11" x 36", 6" Projection, Laminated Rubber Dock Bumper	208.97	12.87

11161-0033 Extruded Rubber Dock Bumpers (11161)

11161-0034 1-3/4" Projection, Extruded Rubber Dock Bumpers (11161-0033)

11161-0035 EA 12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	37.69	12.87
11161-0036 EA 18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	40.14	12.87
11161-0037 EA 24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	43.34	12.87
11161-0038 EA 36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	50.18	12.87

11161-0039 4" Projection, Extruded Rubber Dock Bumpers (11161-0033)

11161-0040 EA 12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	48.10	12.87
11161-0041 EA 18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	54.90	12.87
11161-0042 EA 24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	58.94	12.87
11161-0043 EA 36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	67.67	12.87

11161-0044 6" Projection, Extruded Rubber Dock Bumpers (11161-0033)

11161-0045 EA 12" x 6", 6" Projection, Extruded Rubber Dock Bumper	62.96	12.87
11161-0046 EA 18" x 6", 6" Projection, Extruded Rubber Dock Bumper	76.68	12.87
11161-0047 EA 24" x 6", 6" Projection, Extruded Rubber Dock Bumper	89.78	12.87
11161-0048 EA 36" x 6", 6" Projection, Extruded Rubber Dock Bumper	117.39	12.87

11161-0049 Molded Rubber Dock Bumpers (11161)

11161-0050 Rectangular Molded Rubber Dock Bumpers (11161-0049)

11161-0051 EA 18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	60.50	12.87
11161-0052 EA 10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	52.86	12.87
11161-0053 EA 20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	72.23	12.87

11000 Equipment**11160 Loading Dock Equipment****11161 Loading Dock Bumpers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11161-0054 EA 30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	91.57	12.87
11161-0055 EA 24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	70.67	12.87
11161-0056 EA 13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	54.60	12.87
11161-0057 EA 18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	70.05	12.87
11161-0058 EA 30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	129.75	12.87
11161-0059 EA 13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	58.08	12.87
11161-0060 EA 24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	82.95	12.87
11161-0061 EA 18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	116.02	12.87
11161-0062 EA 24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	162.04	12.87
11161-0063 T And L Shaped Rubber Dock Bumpers (11161-0049)		
11161-0064 EA 22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	81.12	12.87
11161-0065 EA 18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	73.80	12.87
11162 Loading Dock Seals And Shelters (11160)		
11162-0001 Loading Dock Seals (11162)		
11162-0002 Vinyl Loading Dock Seals (11162-0001)		
11162-0003 LF 10" Projection, Standard Vinyl Dock Seal	57.95	12.87
11162-0004 LF 11" Projection, Standard Vinyl Dock Seal	59.97	12.87
11162-0005 LF 12" Projection, Standard Vinyl Dock Seal	61.06	12.87
11162-0006 LF 13" Projection, Standard Vinyl Dock Seal	62.08	12.87
11162-0007 LF 14" Projection, Standard Vinyl Dock Seal	63.18	12.87
11162-0008 LF 15" Projection, Standard Vinyl Dock Seal	64.19	12.87
11162-0009 LF 16" Projection, Standard Vinyl Dock Seal	65.29	12.87
11162-0010 LF 17" Projection, Standard Vinyl Dock Seal	66.31	12.87
11162-0011 LF 18" Projection, Standard Vinyl Dock Seal	67.40	12.87
11162-0012 LF 19" Projection, Standard Vinyl Dock Seal	68.42	12.87
11162-0013 LF 20" Projection, Standard Vinyl Dock Seal	69.51	12.87
11162-0014 Draped Style, Vinyl Loading Dock Seals (11162-0001)		
11162-0015 LF 10" Projection, Draped Style Vinyl Dock Seal	45.21	12.87
11162-0016 LF 12" Projection, Draped Style Vinyl Dock Seal	46.24	12.87
11162-0017 LF 14" Projection, Draped Style Vinyl Dock Seal	48.44	12.87
11162-0018 LF 16" Projection, Draped Style Vinyl Dock Seal	50.67	12.87
11162-0019 LF 18" Projection, Draped Style Vinyl Dock Seal	52.87	12.87
11162-0020 LF 20" Projection, Draped Style Vinyl Dock Seal	55.11	12.87
11162-0021 LF 22" Projection, Draped Style Vinyl Dock Seal	57.35	12.87
11162-0022 Loading Dock Shelters (11162)		
11162-0023 Retractable Vinyl Loading Dock Shelter (11162-0022)		
11162-0024 LF Retractable Vinyl Dock Shelters, Scissor Arms	84.61	16.09
11162-0025 Rigid Loading Dock Shelters (11162-0022)		
11162-0026 LF 18" Projection, Rigid Loading Dock Shelter	79.50	15.45
11162-0027 LF 24" Projection, Rigid Loading Dock Shelter	83.33	15.45
11162-0028 LF 30" Projection, Rigid Loading Dock Shelter	86.62	16.09
11162-0029 LF 36" Projection, Rigid Loading Dock Shelter	88.73	16.09
11163 Stationary Loading Dock Equipment (11160)		
11163-0001 Loading Dock Levelers (11163)		
11163-0002 Hydraulic Dock Levelers (11163-0001)		
11163-0003 20,000# Hydraulic Dock Levelers (11163-0002)		
11163-0004 EA 6' x 6', 20,000# Hydraulic Dock Leveler	6,935.31	550.74
11163-0005 EA 6' x 8', 20,000# Hydraulic Dock Leveler	7,404.85	611.94
11163-0006 EA 6' x 10', 20,000# Hydraulic Dock Leveler	9,108.87	734.33
11163-0007 EA 7' x 6', 20,000# Hydraulic Dock Leveler	7,380.46	611.94
11163-0008 EA 7' x 8', 20,000# Hydraulic Dock Leveler	8,028.68	673.13
11163-0009 EA 7' x 10', 20,000# Hydraulic Dock Leveler	9,632.66	734.33
11163-0010 25,000# Hydraulic Dock Levelers (11163-0002)		
11163-0011 EA 6' x 6', 25,000# Hydraulic Dock Leveler	7,088.05	550.74
11163-0012 EA 6' x 8', 25,000# Hydraulic Dock Leveler	7,564.32	611.94
11163-0013 EA 6' x 10', 25,000# Hydraulic Dock Leveler	9,258.33	734.33
11163-0014 EA 7' x 6', 25,000# Hydraulic Dock Leveler	7,531.28	611.94
11163-0015 EA 7' x 8', 25,000# Hydraulic Dock Leveler	8,169.11	673.13
11163-0016 EA 7' x 10', 25,000# Hydraulic Dock Leveler	9,925.31	734.33



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11163-0017	30,000# Hydraulic Dock Levelers <small>(11163-0002)</small>			
	11163-0018 EA 6' x 6', 30,000# Hydraulic Dock Leveler.....	7,404.00	642.53	
	11163-0019 EA 6' x 8', 30,000# Hydraulic Dock Leveler.....	7,869.89	734.33	
	11163-0020 EA 6' x 10', 30,000# Hydraulic Dock Leveler.....	9,610.99	856.71	
	11163-0021 EA 7' x 6', 30,000# Hydraulic Dock Leveler.....	7,869.89	734.33	
	11163-0022 EA 7' x 8', 30,000# Hydraulic Dock Leveler.....	8,492.21	826.12	
	11163-0023 EA 7' x 10', 30,000# Hydraulic Dock Leveler.....	10,233.32	826.12	
11163-0024	35,000# Hydraulic Dock Levelers <small>(11163-0002)</small>			
	11163-0025 EA 6' x 6', 35,000# Hydraulic Dock Leveler.....	7,666.33	611.94	
	11163-0026 EA 6' x 8', 35,000# Hydraulic Dock Leveler.....	8,133.11	673.13	
	11163-0027 EA 6' x 10', 35,000# Hydraulic Dock Leveler.....	10,267.15	795.52	
	11163-0028 EA 7' x 6', 35,000# Hydraulic Dock Leveler.....	8,133.11	673.13	
	11163-0029 EA 7' x 8', 35,000# Hydraulic Dock Leveler.....	8,825.51	734.33	
	11163-0030 EA 7' x 10', 35,000# Hydraulic Dock Leveler.....	10,593.54	856.71	
11163-0031	40,000# Hydraulic Dock Levelers <small>(11163-0002)</small>			
	11163-0032 EA 6' x 6', 40,000# Hydraulic Dock Leveler.....	8,152.23	611.94	
	11163-0033 EA 6' x 8', 40,000# Hydraulic Dock Leveler.....	8,618.57	673.13	
	11163-0034 EA 6' x 10', 40,000# Hydraulic Dock Leveler.....	10,378.53	795.52	
	11163-0035 EA 7' x 6', 40,000# Hydraulic Dock Leveler.....	8,618.57	673.13	
	11163-0036 EA 7' x 8', 40,000# Hydraulic Dock Leveler.....	9,311.52	734.33	
	11163-0037 EA 7' x 10', 40,000# Hydraulic Dock Leveler.....	11,079.36	856.71	
11163-0038	45,000# Hydraulic Dock Levelers <small>(11163-0002)</small>			
	11163-0039 EA 6' x 6', 45,000# Hydraulic Dock Leveler.....	8,533.82	673.13	
	11163-0040 EA 6' x 8', 45,000# Hydraulic Dock Leveler.....	9,005.81	734.33	
	11163-0041 EA 6' x 10', 45,000# Hydraulic Dock Leveler.....	10,759.16	856.71	
	11163-0042 EA 7' x 6', 45,000# Hydraulic Dock Leveler.....	9,006.73	734.33	
	11163-0043 EA 7' x 8', 45,000# Hydraulic Dock Leveler.....	9,695.44	795.52	
	11163-0044 EA 7' x 10', 45,000# Hydraulic Dock Leveler.....	11,454.91	917.91	
11163-0045	Manual Dock Levelers <small>(11163-0001)</small>			
11163-0046	20,000# Manual Dock Levelers <small>(11163-0045)</small>			
	11163-0047 EA 6' x 6', 20,000# Manual Dock Leveler.....	5,353.31	550.74	
	11163-0048 EA 6' x 8', 20,000# Manual Dock Leveler.....	5,832.84	611.94	
	11163-0049 EA 6' x 10', 20,000# Manual Dock Leveler.....	7,526.87	734.33	
	11163-0050 EA 7' x 6', 20,000# Manual Dock Leveler.....	5,799.88	611.94	
	11163-0051 EA 7' x 8', 20,000# Manual Dock Leveler.....	6,446.68	673.13	
	11163-0052 EA 7' x 10', 20,000# Manual Dock Leveler.....	8,212.00	734.33	
11163-0053	40,000# Manual Dock Levelers <small>(11163-0045)</small>			
	11163-0054 EA 6' x 6', 40,000# Manual Dock Leveler.....	6,710.15	611.94	
	11163-0055 EA 6' x 8', 40,000# Manual Dock Leveler.....	7,176.49	673.13	
	11163-0056 EA 6' x 10', 40,000# Manual Dock Leveler.....	7,711.40	795.52	
	11163-0057 EA 7' x 6', 40,000# Manual Dock Leveler.....	7,176.49	673.13	
	11163-0058 EA 7' x 8', 40,000# Manual Dock Leveler.....	8,196.41	734.33	
	11163-0059 EA 7' x 10', 40,000# Manual Dock Leveler.....	9,637.28	856.71	
11163-0060	Edge-Of-Dock Levelers <small>(11163-0001)</small>			
	Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.			
11163-0061	Hydraulic Edge-Of-Dock Levelers <small>(11163-0060)</small>			
	11163-0062 EA 66" Usable Width, 20,000# Edge-Of-Dock Leveler, Hydraulic.....	2,627.51	183.58	
	11163-0063 EA 72" Usable Width, 20,000# Edge-Of-Dock Leveler, Hydraulic.....	2,828.09	183.58	
	11163-0064 EA 66" Usable Width, 25,000# Edge-Of-Dock Leveler, Hydraulic.....	2,804.61	183.58	
	11163-0065 EA 72" Usable Width, 25,000# Edge-Of-Dock Leveler, Hydraulic.....	3,080.43	183.58	
11163-0066	Manual Edge-Of-Dock Levelers <small>(11163-0060)</small>			
	11163-0067 EA 66" Usable Width, 20,000# Edge-Of-Dock Leveler, Manual.....	1,523.38	183.58	
	11163-0068 EA 72" Usable Width, 20,000# Edge-Of-Dock Leveler, Manual.....	1,376.91	183.58	
	11163-0069 EA 66" Usable Width, 25,000# Edge-Of-Dock Leveler, Manual.....	1,418.47	183.58	
	11163-0070 EA 72" Usable Width, 25,000# Edge-Of-Dock Leveler, Manual.....	1,514.96	183.58	
11163-0071	Stationary Loading Dock Lifts <small>(11163)</small>			
11163-0072	Top Of Ground, Fixed Platform Lifts <small>(11163-0071)</small>			
	11163-0073 EA 6' x 8', 5,500# Top Of Ground, Fixed Platform Lift.....	12,015.10	130.10	
11163-0074	Pit Mounted, Fixed Platform Lifts <small>(11163-0071)</small>			

11000 Equipment**11160 Loading Dock Equipment****11163 Stationary Loading Dock Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11163-0075	EA	6' x 8', 5,000# Fixed Platform Lift, Pit Mounted.....	7,330.10	130.10
11163-0076	EA	6' x 8', 8,000# Fixed Platform Lift, Pit Mounted.....	14,165.15	195.15
11163-0077	EA	7' x 12', 15,000# Fixed Platform Lift, Pit Mounted.....	26,840.30	390.30
11163-0078	EA	8' x 20', 15,000# Fixed Platform Lift, Pit Mounted.....	25,885.39	520.39
11163-0079		Loading Dock Truck Lifts <small>(11163)</small>		
11163-0080		Hydraulic Truck Lifts <small>(11163-0079)</small>		
11163-0081	EA	10' x 15', 60,000# Platform Truck Lift.....	23,334.97	1,252.49
11163-0082	EA	10' x 20', 60,000# Platform Truck Lift.....	26,695.96	1,502.98
11163-0083		Loading Dock Truck Restraints <small>(11163)</small>		
11163-0084		Truck Restraint System <small>(11163-0083)</small>		
		Note: Includes push button controls, warning lights, alarms, 30,000 lb holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.		
11163-0085	EA	Truck Restraint System.....	5,892.77	599.70
11167		Portable Dock Equipment <small>(11160)</small>		
11167-0001		Portable Dock Platforms <small>(11167)</small>		
11167-0002	EA	6' x 6', 5,000# Capacity Portable Platform Lift.....	13,699.04	80.45
11168		Loading Dock Lights <small>(11160)</small>		
11168-0001		Communication Lights <small>(11168)</small>		
11168-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC.....	198.39	52.94
		Note: Excludes control console.		
11168-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC.....	243.75	52.94
11168-0004	EA	Dock Guide Light For Truck Backing.....	112.05	42.35
11168-0005		Communication Lights Controls <small>(11168)</small>		
11168-0006	EA	Dock Communication Lights Control Console For Up To Two Docks.....	218.93	70.58
11168-0007		Loading Dock Lights <small>(11168)</small>		
11168-0008		Incandescent Loading Dock Lights <small>(11168-0007)</small>		
11168-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent.....	243.75	70.58
11168-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	256.74	70.58
11168-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	279.53	70.58
11168-0012		Metal Halide Loading Dock Lights <small>(11168-0007)</small>		
11168-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide.....	409.78	70.58
11168-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	450.48	70.58
11168-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	483.03	70.58
11168-0016		Quartz Halogen Loading Dock Lights <small>(11168-0007)</small>		
11168-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen.....	252.16	70.58
11168-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	277.91	70.58
11168-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	299.89	70.58
11190		Security Detention Equipment <small>(11000)</small>		
11191		Detention Equipment <small>(11190)</small>		
11191-0001		Prison Equipment <small>(11191)</small>		
11191-0002		Metal Doors <small>(11191-0001)</small>		
		Note: Flush type reinforced with stiffeners		
11191-0003		10 Gauge 1-3/4" Door <small>(11191-0002)</small>		
11191-0004	EA	2' x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	359.93	35.75
11191-0005	EA	2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	364.05	35.75
11191-0006	EA	2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	368.17	35.75
11191-0007	EA	2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	372.29	35.75
11191-0008	EA	3' x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	376.41	35.75
11191-0009	EA	3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	397.01	35.75
11191-0010	EA	Pair 3' x 6'-8" x 1-3/4" 10 Gauge Metal Door.....	738.50	64.40
11191-0011	EA	2' x 7' x 1-3/4" 10 Gauge Metal Door.....	385.55	35.75
11191-0012	EA	2'-4" x 7' x 1-3/4" 10 Gauge Metal Door.....	389.84	35.75
11191-0013	EA	2'-6" x 7' x 1-3/4" 10 Gauge Metal Door.....	392.53	35.75



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11191-0014	EA	2'-8" x 7' x 1-3/4" 10 Gauge Metal Door.....	430.04	35.75
11191-0015	EA	3' x 7' x 1-3/4" 10 Gauge Metal Door	520.59	35.75
11191-0016	EA	3'-4" x 7' x 1-3/4" 10 Gauge Metal Door	567.17	35.75
11191-0017	EA	Pair 3' x 7' x 1-3/4" 10 Gauge Metal Door.....	827.94	64.40
11191-0018	EA	2' x 7'-2" x 1-3/4" 10 Gauge Metal Door.....	374.35	35.75
11191-0019	EA	2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Door	378.47	35.75
11191-0020	EA	2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Door	382.59	35.75
11191-0021	EA	2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Door	386.71	35.75
11191-0022	EA	3' x 7'-2" x 1-3/4" 10 Gauge Metal Door.....	390.83	35.75
11191-0023	EA	3'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Door	411.42	35.75
11191-0024	EA	Pair 3' x 7'-2" x 1-3/4" 10 Gauge Metal Door	767.33	64.40
11191-0025		Pneumatic Door Operators <small>(11191-0001)</small>		
11191-0026	EA	Pneumatic Cell Entry Door Operator With Hardware Set	3,020.61	
11191-0027	EA	Pneumatic Special Housing Cell Door Operator With Hardware Set.....	3,307.69	
11191-0028	EA	Pneumatic MS Cell Door Operator With Hardware Set	4,176.38	
11191-0029	EA	Pneumatic Sally Port Door Operator With Hardware Set.....	4,905.62	
11191-0030	EA	Pneumatic Corridor Door Operator With Hardware Set.....	6,038.36	
11191-0031	EA	Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves.....	3,022.59	
11191-0032		Gun Lockers <small>(11191)</small>		
11191-0033		Hinged Door Gun Lock <small>(11191-0032)</small>		
		Note: Two keys per locker with one master.		
11191-0034	EA	8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door.....	851.66	34.18
11191-0035		Hinged-Door Gun Locker <small>(11191-0032)</small>		
		Note: Includes master key for each set of 4 compartments, two keys per compartment.		
11191-0036	EA	4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	344.72	23.93
11191-0037	EA	8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	761.30	34.18
11191-0038	EA	16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,368.92	41.02
11191-0039	EA	24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,962.87	41.02
11280 Hydraulic Gates And Valves <small>(11000)</small>				
11285 Water Control Devices <small>(11280)</small>				
11285-0001		Water Control Gates <small>(11285)</small>		
11285-0002		Heavy Duty Cast Iron Sluice Gates Self Contained <small>(11285-0001)</small>		
		Note: Includes crank operated geared gate lift, anchor bolts, and grouting.		
11285-0003	EA	18" x 18" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	7,690.68	861.71
		11MOD-0008 For Electric Motor Operated Valve, Add	1,022.35	
11285-0004	EA	24" x 24" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	11,008.49	1,292.61
		11MOD-0008 For Electric Motor Operated Valve, Add	1,108.52	
11285-0005	EA	30" x 30" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	13,261.07	1,436.27
		11MOD-0008 For Electric Motor Operated Valve, Add	1,137.25	
11285-0006	EA	36" x 36" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	15,224.80	1,615.76
		11MOD-0008 For Electric Motor Operated Valve, Add	1,173.15	
11285-0007	EA	42" x 42" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	17,082.55	1,846.59
		11MOD-0008 For Electric Motor Operated Valve, Add	1,219.32	
11285-0008	EA	48" x 48" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	20,149.76	2,585.22
		11MOD-0008 For Electric Motor Operated Valve, Add	1,367.04	
11285-0009	EA	54" x 54" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	32,291.98	3,912.27
		11MOD-0008 For Electric Motor Operated Valve, Add	1,632.45	
11285-0010	EA	60" x 60" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	40,225.03	6,463.06
		11MOD-0008 For Electric Motor Operated Valve, Add	2,142.61	
11285-0011	EA	66" x 66" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	46,123.52	6,463.06
		11MOD-0008 For Electric Motor Operated Valve, Add	2,142.61	
11285-0012	EA	72" x 72" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	50,771.61	8,594.48
		11MOD-0008 For Electric Motor Operated Valve, Add	2,568.90	
11285-0013	EA	78" x 78" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	56,765.79	8,594.48
		11MOD-0009 For Electric Motor Operated Valve, Add	2,968.90	
11285-0014	EA	84" x 84" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	72,301.61	12,926.11
		11MOD-0009 For Electric Motor Operated Valve, Add	3,835.22	
11285-0015	EA	90" x 90" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	71,275.47	7,242.05
		11MOD-0009 For Electric Motor Operated Valve, Add	2,698.41	
11285-0016	EA	96" x 96" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	80,128.11	7,242.05
		11MOD-0009 For Electric Motor Operated Valve, Add	2,698.41	
11285-0017	EA	108" x 108" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	101,839.63	9,630.39
		11MOD-0009 For Electric Motor Operated Valve, Add	3,176.08	
11285-0018	EA	120" x 120" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate.....	131,107.29	14,484.09
		11MOD-0009 For Electric Motor Operated Valve, Add	4,146.82	

11000 Equipment
11280 Hydraulic Gates And Valves
11285 Water Control Devices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11285-0019	EA	132" x 132" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	156,556.18	14,484.09
	11MOD-0009	For Electric Motor Operated Valve, Add	4,146.82	
11285-0020		Steel Slide Gates Self Contained (11285-0001)		
		Note: Includes anchors and bolts		
11285-0021	EA	12" x 12" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	2,640.86	323.15
	11MOD-0010	For Electric Motor Operated Valve, Add	914.63	
11285-0022	EA	18" x 18" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	3,529.58	369.32
	11MOD-0010	For Electric Motor Operated Valve, Add	923.86	
11285-0023	EA	24" x 24" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	4,025.76	430.91
	11MOD-0010	For Electric Motor Operated Valve, Add	936.17	
11285-0024	EA	30" x 30" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	4,865.35	517.04
	11MOD-0010	For Electric Motor Operated Valve, Add	953.41	
11285-0025	EA	36" x 36" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	6,228.77	646.31
	11MOD-0010	For Electric Motor Operated Valve, Add	979.26	
11285-0026	EA	42" x 42" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	7,283.83	861.71
	11MOD-0010	For Electric Motor Operated Valve, Add	1,022.35	
11285-0027	EA	48" x 48" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	9,967.93	1,292.61
	11MOD-0010	For Electric Motor Operated Valve, Add	1,108.52	
11285-0028	EA	54" x 54" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	15,188.08	1,615.76
	11MOD-0010	For Electric Motor Operated Valve, Add	1,173.15	
11285-0029	EA	60" x 60" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	19,734.97	2,585.22
	11MOD-0010	For Electric Motor Operated Valve, Add	1,367.04	
11285-0030	EA	72" x 72" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	24,986.37	4,308.74
	11MOD-0010	For Electric Motor Operated Valve, Add	1,711.74	
11285-0031	SF	Over 36 SF Steel Slide Gates Self Contained Including Anchor	693.06	119.11
	11MOD-0011	For Electric Motor Operated Valve, Add	1,573.82	
11285-0032		Cast Iron Canal Gates (11285-0001)		
11285-0033	EA	12" Diameter Canal Gates	1,073.03	323.15
	11MOD-0012	For Electric Motor Operated Valve, Add	914.63	
11285-0034	EA	18" Diameter Canal Gates	1,440.91	369.32
	11MOD-0012	For Electric Motor Operated Valve, Add	923.86	
11285-0035	EA	20" Diameter Canal Gates	1,625.41	403.94
	11MOD-0012	For Electric Motor Operated Valve, Add	930.79	
11285-0036	EA	24" Diameter Canal Gates	1,877.36	430.91
	11MOD-0012	For Electric Motor Operated Valve, Add	936.17	
11285-0037	EA	30" Diameter Canal Gates	2,673.25	517.04
	11MOD-0012	For Electric Motor Operated Valve, Add	953.41	
11285-0038	EA	36" Diameter Canal Gates	3,304.95	646.31
	11MOD-0012	For Electric Motor Operated Valve, Add	979.26	
11285-0039	EA	42" Diameter Canal Gates	5,294.67	861.71
	11MOD-0012	For Electric Motor Operated Valve, Add	1,022.35	
11285-0040	EA	48" Diameter Canal Gates	7,113.77	1,292.61
	11MOD-0012	For Electric Motor Operated Valve, Add	1,108.52	
11285-0041	EA	54" Diameter Canal Gates	9,862.17	1,615.76
	11MOD-0012	For Electric Motor Operated Valve, Add	1,173.15	
11285-0042	EA	60" Diameter Canal Gates	13,251.29	2,585.22
	11MOD-0012	For Electric Motor Operated Valve, Add	1,367.04	
11285-0043	EA	66" Diameter Canal Gates	17,957.65	3,231.53
	11MOD-0012	For Electric Motor Operated Valve, Add	1,496.31	
11285-0044	EA	72" Diameter Canal Gates	22,291.24	4,308.74
	11MOD-0012	For Electric Motor Operated Valve, Add	1,711.74	
11285-0045		Aluminum Flap Gates (11285-0001)		
11285-0046	EA	18" Diameter Aluminum Flap Gates	2,558.58	323.15
	11MOD-0013	For Electric Motor Operated Valve, Add	914.63	
11285-0047	EA	20" Diameter Aluminum Flap Gates	2,849.27	346.23
	11MOD-0013	For Electric Motor Operated Valve, Add	919.24	
11285-0048	EA	24" Diameter Aluminum Flap Gates	3,137.38	369.32
	11MOD-0013	For Electric Motor Operated Valve, Add	923.86	
11285-0049	EA	30" Diameter Aluminum Flap Gates	3,717.38	430.91
	11MOD-0013	For Electric Motor Operated Valve, Add	936.17	
11285-0050	EA	36" Diameter Aluminum Flap Gates	4,603.31	517.04
	11MOD-0013	For Electric Motor Operated Valve, Add	953.41	
11285-0051	EA	42" Diameter Aluminum Flap Gates	6,002.74	646.31
	11MOD-0013	For Electric Motor Operated Valve, Add	979.26	
11285-0052	EA	48" Diameter Aluminum Flap Gates	7,577.21	861.71
	11MOD-0013	For Electric Motor Operated Valve, Add	1,022.35	
11285-0053	EA	54" Diameter Aluminum Flap Gates	10,695.25	1,292.61
	11MOD-0013	For Electric Motor Operated Valve, Add	1,108.52	
11285-0054	EA	60" Diameter Aluminum Flap Gates	13,859.26	1,846.59
	11MOD-0013	For Electric Motor Operated Valve, Add	1,219.32	
11285-0055	EA	66" Diameter Aluminum Flap Gates	17,963.72	2,585.22
	11MOD-0013	For Electric Motor Operated Valve, Add	1,367.04	
11285-0056	EA	72" Diameter Aluminum Flap Gates	22,096.05	4,308.74
	11MOD-0013	For Electric Motor Operated Valve, Add	1,711.74	
11285-0057		Steel Knife Gates Including Handwheel Operator (11285-0001)		
		Note: ANSI 150 PSI. for hub, flange, or spigot ends		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11285-0058	EA 6" Diameter Knife Gates Including Handwheel Operator For Hub.....	1,305.66	93.23
	11MOD-0014 For Electric Motor Operated Valve, Add	868.65	
11285-0059	EA 8" Diameter Knife Gates Including Handwheel Operator For Hub.....	1,763.79	108.74
	11MOD-0014 For Electric Motor Operated Valve, Add	871.75	
11285-0060	EA 10" Diameter Knife Gates Including Handwheel Operator For Hub.....	2,473.39	163.14
	11MOD-0014 For Electric Motor Operated Valve, Add	882.63	
11285-0061	EA 12" Diameter Knife Gates Including Handwheel Operator For Hub.....	3,082.86	217.54
	11MOD-0014 For Electric Motor Operated Valve, Add	893.51	
11285-0062	EA 14" Diameter Knife Gates Including Handwheel Operator For Hub.....	3,794.29	233.06
	11MOD-0014 For Electric Motor Operated Valve, Add	896.61	
11285-0063	EA 16" Diameter Knife Gates Including Handwheel Operator For Hub.....	4,937.57	250.97
	11MOD-0014 For Electric Motor Operated Valve, Add	900.20	
11285-0064	EA 18" Diameter Knife Gates Including Handwheel Operator For Hub.....	6,601.11	261.03
	11MOD-0014 For Electric Motor Operated Valve, Add	902.21	
11285-0065	EA 20" Diameter Knife Gates Including Handwheel Operator For Hub.....	8,268.65	296.66
	11MOD-0014 For Electric Motor Operated Valve, Add	909.33	
11285-0066	EA 24" Diameter Knife Gates Including Handwheel Operator For Hub.....	10,628.24	326.28
	11MOD-0014 For Electric Motor Operated Valve, Add	915.26	
11285-0067	EA 30" Diameter Knife Gates Including Handwheel Operator For Hub.....	19,425.35	435.02
	11MOD-0014 For Electric Motor Operated Valve, Add	937.01	
11285-0068	EA 36" Diameter Knife Gates Including Handwheel Operator For Hub.....	25,806.93	652.58
	11MOD-0014 For Electric Motor Operated Valve, Add	980.52	
11285-0069	Steel Hollow Jet Flow Gate Valve (11285-0001)		
11285-0070	EA 6" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	1,262.16	129.26
	11MOD-0015 For Electric Motor Operated Valve, Add	875.85	
11285-0071	EA 8" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	1,953.66	150.96
	11MOD-0015 For Electric Motor Operated Valve, Add	880.19	
11285-0072	EA 10" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	2,346.53	226.21
	11MOD-0015 For Electric Motor Operated Valve, Add	895.24	
11285-0073	EA 12" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	2,991.72	301.45
	11MOD-0015 For Electric Motor Operated Valve, Add	910.30	
11285-0074	EA 14" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	4,501.58	323.15
	11MOD-0015 For Electric Motor Operated Valve, Add	914.63	
11285-0075	EA 16" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	5,429.14	348.08
	11MOD-0015 For Electric Motor Operated Valve, Add	919.62	
11285-0076	EA 18" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	9,123.29	361.93
	11MOD-0015 For Electric Motor Operated Valve, Add	922.39	
11285-0077	EA 20" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	11,473.76	411.33
	11MOD-0015 For Electric Motor Operated Valve, Add	932.27	
11285-0078	EA 24" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	16,500.09	452.42
	11MOD-0015 For Electric Motor Operated Valve, Add	940.49	
11285-0079	EA 30" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	20,212.70	603.37
	11MOD-0015 For Electric Motor Operated Valve, Add	970.67	
11285-0080	EA 36" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	28,844.42	904.83
	11MOD-0015 For Electric Motor Operated Valve, Add	1,030.94	
11285-0081	EA 42" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	34,377.01	1,107.95
	11MOD-0016 For Electric Motor Operated Valve, Add	1,471.64	
11285-0082	EA 48" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	40,764.43	1,292.61
	11MOD-0016 For Electric Motor Operated Valve, Add	1,508.52	
11285-0083	EA 54" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	53,683.92	1,615.76
	11MOD-0016 For Electric Motor Operated Valve, Add	1,573.15	
11285-0084	EA 60" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	59,790.27	1,938.92
	11MOD-0016 For Electric Motor Operated Valve, Add	1,637.94	
11285-0085	EA 66" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub.....	76,302.38	2,677.55
	11MOD-0016 For Electric Motor Operated Valve, Add	1,785.91	
11285-0086	Steel Dish Head Valve (11285-0001)		
11285-0087	EA 12" Diameter Dish Head Valve	1,602.85	323.15
11285-0088	EA 18" Diameter Dish Head Valve	2,312.87	369.32
11285-0089	EA 20" Diameter Dish Head Valve	2,663.62	403.94
11285-0090	EA 24" Diameter Dish Head Valve	3,138.37	430.91
11285-0091	EA 30" Diameter Dish Head Valve	4,708.47	517.04
11285-0092	EA 36" Diameter Dish Head Valve	5,803.52	646.31
11285-0093	EA 42" Diameter Dish Head Valve	9,728.76	861.71
11285-0094	EA 48" Diameter Dish Head Valve	12,736.53	1,292.61
11285-0095	EA 54" Diameter Dish Head Valve	18,094.94	1,615.76
11285-0096	EA 60" Diameter Dish Head Valve	23,284.67	2,585.22
11285-0097	EA 66" Diameter Dish Head Valve	32,229.60	3,231.53
11285-0098	EA 72" Diameter Dish Head Valve	39,269.01	4,308.74
11285-0099	Cast Water Control Valves (11285-0001)		
11285-0100	Butterfly Valves (11285-0099)		
	See CSI section 15103-0000 for smaller butterfly valves.		
11285-0101	IN Butterfly Valve, Cast Iron, Custom Made, > 54" Diameter, Per Inch Of Diameter Of Valve.....	644.74	69.24

11400 Foodservice Equipment (11000)



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Commercial grade.

11410 Food Preparation Machines (11400)**11410-0001 Vertical Cutter Mixers** (11410)

11410-0002	EA	Bench Type Mixers, 25 Quart	7,883.63	160.31
11410-0003	EA	Bench Type Mixers, 40 Quart	9,059.70	160.31
11410-0004	EA	Bench Type Mixers, 80 Quart	11,342.19	275.72
11410-0005	EA	Bench Type Mixers, 130 Quart	12,818.53	448.86

11410-0006 Choppers (11410)

11410-0007	EA	Choppers, 5 LB	1,963.93	128.25
11410-0008	EA	Choppers, 16 LB	2,882.12	166.72
11410-0009	EA	Choppers, 35 LB - 40 LB	5,585.31	205.20
11410-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	4,638.59	182.30
11410-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	5,264.05	182.30

11410-0012 Floor Model Mixer (11410)

11410-0013	EA	Floor Type Mixers, 20 Quart	3,762.35	96.19
11410-0014	EA	Floor Type Mixers, 60 Quart	9,277.96	64.12
11410-0015	EA	Floor Type Mixers, 80 Quart	14,652.72	64.12
11410-0016	EA	Floor Type Mixers, 140 Quart	18,568.55	102.60

11410-0017 Slicers (11410)

11410-0018	EA	Slicer With Table	3,131.97	92.59
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11410-0019 Peelers (11410)

11410-0020	EA	Small Peeler	2,140.68	104.20
11410-0021	EA	Large Peeler	2,261.90	138.96

11412 Food Preparation Tables (11400)**11412-0001 Tables** (11412)**11412-0002 Baker's Table** (11412-0001)

11412-0003	EA	4' Open Base Baker's Table	738.39	32.83
11412-0004	EA	10' Open Base Baker's Table	1,449.21	64.37
11412-0005	EA	10' Undershelf Baker's Table	1,788.10	79.44
11412-0006	EA	10' Three Drawers Baker's Table	1,917.76	85.29
11412-0007	EA	10' Bins Baker's Table	2,821.53	125.53
11412-0008	EA	10' Bins And Drawers Baker's Table	4,430.64	197.04

11412-0009 Preparation Table, Stainless Steel, With Undershelf (11412-0001)

11412-0010	EA	30" X 72" Square Edge Stainless Steel Preparation Table With Undershelf	693.40	17.31
11412-0011	EA	30" X 72" Marine Edge Stainless Steel Preparation Table With Undershelf	713.08	20.79
11412-0012	EA	36" X 96" Marine Edge Stainless Steel Preparation Table With Undershelf	1,129.50	28.26

11412-0013 Preparation Table, Stainless Steel, With Open Front (11412-0001)

11412-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	730.11	18.22
11412-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	938.41	23.43
11412-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	806.08	20.15
11412-0017	EA	36" X 96" Marine Edge Stainless Steel Preparation Table With Open Front	970.26	24.27
11412-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	196.01	4.89

11412-0019 Mobile Tables (11412-0001)

11412-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,511.85	15.51
11412-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	819.06	18.60
11412-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	835.52	20.92

11412-0023 Hot Food Tables, Stainless Steel, Gas Or Electric (11412-0001)

11412-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	1,492.20	37.34
11412-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	1,210.37	30.26
11412-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	100.46	2.51
11412-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	146.99	3.67
11412-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	2,950.20	68.16
11412-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	5,869.23	136.00

11412-0030 Basic Table (11412-0001)

11412-0031	LF	Table, Basic	250.27	17.89
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MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11412-0032	Table With Sink <small>(11412)</small>		
11412-0033	LF Table With Sink.....	297.66	25.89

11413 Kitchen Scullery Sinks (11400)

11413-0001	Stainless Steel Scullery Sinks <small>(11413)</small>		
Note: Excludes faucet. See CSI section 15451-0306 for service sink faucets.			
11413-0002	EA Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard.....	1,781.89	108.62
	<i>11MOD-0017 For Additional Drain Board, Add</i>	167.33	
11413-0003	EA Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard.....	2,482.43	124.13
	<i>11MOD-0017 For Additional Drain Board, Add</i>	236.61	
11413-0004	EA Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard.....	3,245.63	124.13
	<i>11MOD-0017 For Additional Drain Board, Add</i>	312.15	
11413-0005	EA Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard.....	4,679.76	124.13
	<i>11MOD-0017 For Additional Drain Board, Add</i>	455.56	
11413-0006	EA Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard.....	2,639.02	124.13

11415 Unit Kitchens (11400)

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11415-0001	30" Compact Kitchen <small>(11415)</small>		
11415-0002	EA 30" Compact Unit Kitchen With Refrigerator, Range And Sink.....	1,853.34	337.07
	<i>11MOD-0018 For Gas Unit, Add</i>	210.59	
11415-0003	EA 30" Compact Unit Kitchen With Refrigerator And Sink.....	1,611.91	235.95
11415-0004	EA 30" Compact Unit Kitchen With Refrigerator And Range.....	1,484.49	202.25
11415-0005	EA 30" Compact Unit Kitchen Cabinet For Upper Wall Section.....	433.11	96.56
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0006	EA 30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	936.49	128.74
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0007	EA 30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	63.13	12.87
11415-0008	EA 30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	56.49	12.87
11415-0009	42" Compact Kitchen <small>(11415)</small>		
11415-0010	EA 42" Compact Unit Kitchen With Refrigerator, Range And Sink.....	2,173.56	370.79
	<i>11MOD-0019 For Gas Unit, Add</i>	251.88	
11415-0011	EA 42" Compact Unit Kitchen With Refrigerator And Sink.....	1,982.74	303.37
11415-0012	EA 42" Compact Unit Kitchen Cabinet For Upper Wall Section.....	558.86	109.43
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0013	EA 42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,089.67	144.84
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0014	EA 42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	76.36	12.87
11415-0015	EA 42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	63.28	12.87
11415-0016	54" Compact Kitchen <small>(11415)</small>		
11415-0017	EA 54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	2,963.81	471.91
	<i>11MOD-0020 For Gas Unit, Add</i>	350.19	
11415-0018	EA 54" Compact Unit Kitchen Cabinet For Upper Wall Section.....	697.49	64.37
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0019	EA 54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,211.86	160.93
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0020	EA 54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	89.09	12.87
11415-0021	EA 54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	65.72	12.87
11415-0022	60" Compact Kitchen <small>(11415)</small>		
11415-0023	EA 60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink.....	3,111.23	505.61
	<i>11MOD-0021 For Gas Unit, Add</i>	365.56	
11415-0024	EA 60" Compact Unit Kitchen Cabinet For Upper Wall Section.....	821.86	160.93
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0025	EA 60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	94.70	12.87
11415-0026	EA 60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	65.72	12.87
11415-0027	72" Compact Kitchen <small>(11415)</small>		
11415-0028	EA 72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	3,338.63	539.32
	<i>11MOD-0022 For Gas Unit, Add</i>	392.93	
11415-0029	EA 72" Compact Unit Kitchen Cabinet For Upper Wall Section.....	1,006.23	193.11
	<i>11MOD-0027 For Range Hood In Upper Section, Add</i>	179.00	
11415-0030	EA 72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	110.69	16.09
11415-0031	EA 72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	68.63	16.09

11420 Cooking Equipment (11400)

11000 Equipment**11400 Foodservice Equipment****11420 Cooking Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11420-0001		Bake Oven ⁽¹¹⁴²⁰⁾		
11420-0002	EA	Bake Oven - Single Deck.....	1,939.50	96.19
11420-0003	EA	Bake Oven - Double Deck.....	3,864.74	128.25
11420-0004	EA	Bake Oven - Triple Deck.....	5,578.36	128.25
11420-0005	EA	Rotary Oven, Gas, Medium.....	17,630.71	4,167.99
11420-0006		Electric Convection Type Oven ⁽¹¹⁴²⁰⁾		
11420-0007	EA	40" x 45" x 57" Convection Oven.....	2,979.99	109.01
11420-0008		Broiler, Without Oven ⁽¹¹⁴²⁰⁾		
11420-0009	EA	69" x 26" x 39" Broiler Without Oven.....	2,556.27	102.60
11420-0010	EA	Conveyor Broiler.....	2,297.57	119.08
11420-0011		Fryer, With Submerger ⁽¹¹⁴²⁰⁾		
11420-0012	EA	Single Fryer With Submerger.....	1,445.11	102.60
11420-0013	EA	Double Fryer With Submerger.....	2,847.05	128.25
11420-0014	EA	Fryer Battery With Filter Unit (Single 42 LB Capacity).....	4,282.25	166.72
11420-0015	EA	Fryer Battery With Filter Unit (Triple 42 LB Capacity).....	9,945.59	208.40
11420-0016		Kettles, Steam Jacketed ⁽¹¹⁴²⁰⁾		
11420-0017	EA	5 Gallon Kettle, With Stand.....	1,441.87	67.16
11420-0018	EA	20 Gallon Kettle With Steam Jacket.....	1,896.46	67.16
11420-0019	EA	40 Gallon Kettle With Steam Jacket.....	3,315.69	67.16
11420-0020	EA	60 Gallon Kettle With Steam Jacket.....	5,142.52	67.16
11420-0021		Range ⁽¹¹⁴²⁰⁾		
11420-0022	EA	Heavy Duty Range, With 34" Open Top Oven.....	945.82	64.12
11420-0023	EA	Range With Fry Top.....	945.82	64.12
11420-0024	EA	Steel Finish Fry Top.....	1,944.58	81.86
11420-0025	EA	Stainless Top Only Fry Top.....	1,943.08	80.93
11420-0026	EA	Stainless Top And 2 Sides Fry Top.....	2,245.79	94.23
11420-0027	EA	Gas Range, Vulcan #260L.....	2,039.52	83.96
Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.				
11420-0028		Steamers, Electric ⁽¹¹⁴²⁰⁾		
11420-0029		Cooking Equipment/ Steamers ⁽¹¹⁴²⁰⁻⁰⁰²⁸⁾		
11420-0030	EA	Convection Steamer, Direct.....	2,796.80	84.31
11420-0031	EA	Convection Steamer, Gas.....	3,568.18	84.27
11420-0032	EA	Convection Steamer, Electric, 48 KW.....	3,873.97	109.71
11421		Warming/Cooking Equipment ⁽¹¹⁴⁰⁰⁾		
11421-0001		Warming/Cooking Equipment ⁽¹¹⁴²¹⁾		
11421-0002		Braising Pans ⁽¹¹⁴²¹⁻⁰⁰⁰¹⁾		
11421-0003	EA	24" X 24", 240V, Tilting Braising Pan.....	2,996.46	117.06
11421-0004	EA	24" X 31", 240V, Tilting Braising Pan.....	3,161.70	123.11
11421-0005	EA	24" X 41", 240V, Tilting Braising Pan.....	3,367.47	131.10
11421-0006	EA	24" X 24", 62000 BTU/Hour, Tilting Braising Pan.....	3,906.25	152.65
11421-0007	EA	24" X 31", 90000 BTU/Hour, Tilting Braising Pan.....	4,038.92	157.36
11421-0008	EA	24" X 41", 120000 BTU/Hour, Tilting Braising Pan.....	4,194.54	161.52
11421-0009		Toasters ⁽¹¹⁴²¹⁻⁰⁰⁰¹⁾		
11421-0010	EA	Bun Toaster 3.2 KW.....	595.32	25.11
11421-0011	EA	Bun Toaster 4.3 KW.....	649.65	27.36
11421-0012		Microwave Ovens ⁽¹¹⁴²¹⁻⁰⁰⁰¹⁾		
11421-0013	EA	1000 Watt Commercial Grade Microwave Oven, Freestanding.....	314.84	
Note: Metallic Cabinet With Dial Timer				
11421-0014	EA	1000 Watt Commercial Grade Microwave Oven, Freestanding.....	433.81	
Note: Stainless Steel Cabinet With Digital Display				
11421-0015		Ceramic Broiler On Storage Base With Doors ⁽¹¹⁴²¹⁻⁰⁰⁰¹⁾		
11421-0016	EA	Standard Finish Ceramic Boiler On Storage Base With Doors.....	2,468.52	95.97
11421-0017	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors.....	2,468.52	95.97
11421-0018	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors.....	3,068.49	119.81



Equipment 11000	11
Foodservice Equipment 11400	
Warming/Cooking Equipment 11421	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11421-0019	Food Warmer Holding Station <small>(11421-0001)</small>		
11421-0020	EA Food Warmer Station And Heat Lamp	219.94	9.27
11421-0021	Roll And Food Warmers <small>(11421-0001)</small>		
11421-0022	EA One Drawer, 16 Roll Capacity Food Warmer	473.32	19.96
11421-0023	EA Three Drawer, 36 Roll Capacity Food Warmer	1,083.19	45.71
11421-0024	Gas Countertop Hot Plate <small>(11421-0001)</small>		
11421-0025	EA 2 Burners Gas Countertop Hot Plate	314.71	12.22
11421-0026	Hot Cabinets With Top Wells Electric <small>(11421-0001)</small>		
11421-0027	EA 2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	2,522.60	95.97
11421-0028	EA 3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	3,604.47	137.54
11421-0029	Portable Hot Food Units <small>(11421-0001)</small>		
11421-0030	EA 44-1/2", 3 Opening Portable Hot Food Unit	556.46	21.22
11421-0031	EA 72-1/2", 5 Opening Portable Hot Food Unit	810.22	30.89
11421-0032	Stationary Hot Food Units <small>(11421-0001)</small>		
11421-0033	EA 44-1/2", 3 Opening Stationary Hot Food Unit	500.98	19.54
11421-0034	EA 72-1/2", 5 Opening Stationary Hot Food Unit	739.23	28.81
11425	Commercial Kitchen Hood Ventilation System <small>(11400)</small>		
11425-0001	Commercial Kitchen Hood Ventilation System <small>(11425)</small>		
	Note: Excludes fire suppression See CSI section 13973-0000 for fire suppression system, 15821-0107 for exhaust and supply fans, 15828-0000 for curbs, 15840-0000 for duct.		
11425-0002	Dry Filter Exhaust Hoods <small>(11425-0001)</small>		
	Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.		
11425-0003	EA 8' Long x 60" Deep Dry Filter Exhaust Hood	4,592.99	537.29
11425-0004	EA 8'-6" Long x 60" Deep Dry Filter Exhaust Hood	4,793.53	570.86
11425-0005	EA 9' Long x 60" Deep Dry Filter Exhaust Hood	5,321.90	604.44
11425-0006	EA 9'-6" Long x 60" Deep Dry Filter Exhaust Hood	5,494.73	638.02
11425-0007	EA 10' Long x 60" Deep Dry Filter Exhaust Hood	5,699.81	671.60
11425-0008	EA 10'-6" Long x 60" Deep Dry Filter Exhaust Hood	5,914.85	705.19
11425-0009	EA 11' Long x 60" Deep Dry Filter Exhaust Hood	6,120.32	738.76
11425-0010	EA 11'-6" Long x 60" Deep Dry Filter Exhaust Hood	6,331.42	772.35
11425-0011	EA 12' Long x 60" Deep Dry Filter Exhaust Hood	6,563.22	805.92
11425-0012	EA 12'-6" Long x 60" Deep Dry Filter Exhaust Hood	6,767.01	839.50
11425-0013	EA 13' Long x 60" Deep Dry Filter Exhaust Hood	6,940.49	873.09
11425-0014	EA 13'-6" Long x 60" Deep Dry Filter Exhaust Hood	7,215.84	906.66
11425-0015	EA 14' Long x 60" Deep Dry Filter Exhaust Hood	8,017.21	940.25
11425-0016	EA 14'-6" Long x 60" Deep Dry Filter Exhaust Hood	8,240.34	973.82
11425-0017	EA 15' Long x 60" Deep Dry Filter Exhaust Hood	8,531.98	1,007.40
11425-0018	EA 15'-6" Long x 60" Deep Dry Filter Exhaust Hood	8,759.02	1,040.99
11425-0019	EA 16' Long x 60" Deep Dry Filter Exhaust Hood	9,085.27	1,074.56
11425-0020	Dry Extractor Exhaust Hoods <small>(11425-0001)</small>		
	Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.		
11425-0021	EA 8' Long x 60" Deep Dry Extractor Exhaust Hood	6,267.79	537.29
11425-0022	EA 8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	6,478.93	570.86
11425-0023	EA 9' Long x 60" Deep Dry Extractor Exhaust Hood	7,039.10	604.44
11425-0024	EA 9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	7,254.33	638.02
11425-0025	EA 10' Long x 60" Deep Dry Extractor Exhaust Hood	7,470.01	671.60
11425-0026	EA 10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	7,674.45	705.19
11425-0027	EA 11' Long x 60" Deep Dry Extractor Exhaust Hood	7,890.52	738.76
11425-0028	EA 11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	8,096.32	772.35
11425-0029	EA 12' Long x 60" Deep Dry Extractor Exhaust Hood	8,291.02	805.92
11425-0030	EA 12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	8,558.41	839.50
11425-0031	EA 13' Long x 60" Deep Dry Extractor Exhaust Hood	8,864.39	873.09
11425-0032	EA 13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	9,187.44	906.66
11425-0033	EA 14' Long x 60" Deep Dry Extractor Exhaust Hood	9,835.11	940.25
11425-0034	EA 14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	10,164.24	973.82
11425-0035	EA 15' Long x 60" Deep Dry Extractor Exhaust Hood	10,779.18	1,007.40
11425-0036	EA 15'-6" Long x 60" Deep Dry Extractor Exhaust Hood	11,403.72	1,040.99
11425-0037	EA 16' Long x 60" Deep Dry Extractor Exhaust Hood	12,021.47	1,074.56
11425-0038	Single Manifold Water Wash Exhaust Hoods <small>(11425-0001)</small>		
	Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
11425-0039	EA 8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	6,691.79	537.29

11000 Equipment**11400 Foodservice Equipment****11425 Commercial Kitchen Hood Ventilation System**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11425-0040 EA 8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	6,913.53	570.86
11425-0041 EA 9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,484.30	604.44
11425-0042 EA 9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,704.83	638.02
11425-0043 EA 10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,936.41	671.60
11425-0044 EA 10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,151.45	705.19
11425-0045 EA 11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,372.82	738.76
11425-0046 EA 11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,594.52	772.35
11425-0047 EA 12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,794.52	805.92
11425-0048 EA 12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,083.11	839.50
11425-0049 EA 13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,410.29	873.09
11425-0050 EA 13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,754.54	906.66
11425-0051 EA 14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	10,423.41	940.25
11425-0052 EA 14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	10,773.74	973.82
11425-0053 EA 15' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,446.98	1,007.40
11425-0054 EA 15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,795.92	1,040.99
11425-0055 EA 16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	12,143.37	1,074.56
11425-0056 EA Fan Wash Control Panel.....	4,712.29	268.64

Note: Includes time clock and backflow preventer.

11425-0057**Utility Distribution System (UDS)** (11425-0001)

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

11425-0058 EA 8' Long UDS.....	24,120.49	273.21
11425-0059 EA 8'-6" Long UDS.....	24,833.07	279.86
11425-0060 EA 9' Long UDS.....	25,537.88	286.37
11425-0061 EA 9'-6" Long UDS.....	26,248.02	295.50
11425-0062 EA 10' Long UDS.....	26,954.36	302.76
11425-0063 EA 10'-6" Long UDS.....	27,653.92	310.42
11425-0064 EA 11' Long UDS.....	28,363.85	315.72
11425-0065 EA 11'-6" Long UDS.....	29,072.28	324.05
11425-0066 EA 12' Long UDS.....	29,787.65	335.80
11425-0067 EA 12'-6" Long UDS.....	30,511.44	351.78
11425-0068 EA 13' Long UDS.....	31,223.94	362.13
11425-0069 EA 13'-6" Long UDS.....	31,945.31	376.90
11425-0070 EA 14' Long UDS.....	32,660.91	388.79
11425-0071 EA 14'-6" Long UDS.....	33,378.08	401.48
11425-0072 EA 15' Long UDS.....	34,096.96	415.05
11425-0073 EA 15'-6" Long UDS.....	34,817.71	429.49
11425-0074 EA 16' Long UDS.....	35,529.98	439.76

11430 Dishwashing Equipment (11400)**11430-0001 Rack Type Dishwasher** (11430)

11430-0002 EA Dishwasher, 1 Tank And 190 Racks/Hour.....	7,016.85	134.83
11430-0003 EA Dishwasher, 2 Tanks And 234 Racks/Hour.....	11,749.65	188.77
11430-0004 EA Dishwasher, 2 Tanks And 265 Racks/Hour.....	14,129.63	202.25
11430-0005 EA Dishwasher, Automatic - 100 Meals/Hour.....	11,323.91	101.12
11430-0006 EA Dishwasher, Machine Rack.....	13,199.89	280.92
11430-0007 EA Dishwasher, Hobart LX30-H.....	3,507.20	117.98

11430-0008 Exhaust Hood Dishwasher (11430)

11430-0009 EA 4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides.....	1,397.16	136.73
11430-0010 EA 4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides.....	2,388.29	164.07

11430-0011 Dish Tables (11430)

11430-0012 LF Clean/Soiled Dish Table, Basic.....	163.52	25.89
11430-0013 LF Clean/Soiled Dish Table With Trough.....	256.95	38.79
11430-0014 LF Clean/Soiled Dish Table, Maximum.....	311.48	51.70

11435 Garbage Disposers (11400)**11435-0001 Disposals** (11435)

Note: Manual switch.

11435-0002 EA Garbage Disposal 1.5 HP At 100 GPH.....	1,901.00	101.12
11435-0003 EA Garbage Disposal 3 HP At 120 GPH.....	2,945.16	67.42
11435-0004 EA Garbage Disposal 5 HP At 250 GPH.....	3,525.75	134.83
11435-0005 EA Garbage Disposal 7-1/2 HP.....	4,887.56	134.02

11435-0006 Pulper/Extractors (11435)

11435-0007 EA 5 HP, Pulper/Extractor, Close-Coupled.....	4,289.00	140.42
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11435-0008 Trash Compactors ⁽¹¹⁴³⁵⁾		
11435-0009 EA Trash Compactor, Small	2,556.61	193.85
11435-0010 EA Trash Compactor, Large	3,153.50	219.36
11436 Sprays And Hoses ⁽¹¹⁴⁰⁰⁾		
11436-0001 Sprays, Fillers ⁽¹¹⁴³⁶⁾		
11436-0002 EA Pre-Rinse Spray	298.24	49.23
11436-0003 EA Kettle Fillers	258.29	49.23
11436-0004 Hoses ⁽¹¹⁴³⁶⁾		
11436-0005 EA Hose Reel	357.88	59.10
11436-0006 EA Wash-Down Hose	277.99	59.10
11436-0007 EA Hose Reel And Spray System With Accessories (Chicago 535NF)	1,127.44	
11460 Food Serving Units-Ice Machines ⁽¹¹⁴⁰⁰⁾		
11460-0001 Ice Flakers ⁽¹¹⁴⁶⁰⁾		
11460-0002 EA Ice Flakers, 300 LB/Day	3,106.76	337.23
11460-0003 EA Ice Flakers, 600 LB/Day	5,614.32	539.58
11460-0004 EA Ice Flakers, 1000 LB/Day	6,955.66	741.92
11460-0005 EA Ice Flakers, 2000 LB/Day	8,478.28	809.37
11460-0006 Ice Cube Maker ⁽¹¹⁴⁶⁰⁾		
11460-0007 EA Ice Cube Maker, 50 LB/Day	1,999.75	337.23
11460-0008 EA Ice Cube Maker, 500 LB/Day	4,762.01	539.58
11460-0009 EA Ice Cube Maker, 250 LB/Day	4,537.18	472.13
11460-0010 EA Ice Cube Maker 500 LB/Day With Bin	4,036.83	448.46
11460-0011 EA Ice Cube Maker 1000 LB/Day With Bin	6,016.03	540.45
11460-0012 EA DCM 240 BAE Air Cooled, 225# Per 24 Hours	3,416.68	438.20
11MOD-0023 For Water Cooled, Deduct	-508.06	
11460-0013 EA DCM 450 BAE Air Cooled, 437# Per 24 Hours	5,121.51	505.78
11MOD-0023 For Water Cooled, Deduct	-822.00	
11460-0014 EA DCM 700 BAE Air Cooled, 660# Per 24 Hours	7,415.31	589.96
11MOD-0023 For Water Cooled, Deduct	-1,247.07	
11460-0015 EA Scotsman 721# Per Day	5,791.22	589.96
11463 Serving Equipment ⁽¹¹⁴⁰⁰⁾		
11463-0001 Serving Counters ⁽¹¹⁴⁶³⁾		
11463-0002 LF 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	87.64	26.16
11463-0003 LF 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	109.86	40.08
11463-0004 Toasters ⁽¹¹⁴⁶³⁾		
11463-0005 EA Pop-Up Toaster, 2 Slot	396.19	69.44
11463-0006 EA Conveyor Toaster	684.57	104.20
11463-0007 Drop-In Equipment ⁽¹¹⁴⁶³⁾		
11463-0008 EA Hot Food Well, Rectangular	371.25	83.36
11463-0009 EA Hot Food Well, Circular	339.29	83.36
11463-0010 EA Refrigerated Well, 2 Compartment	955.08	83.36
11463-0011 EA Refrigerated Well, 3 Compartment	1,083.98	92.59
11463-0012 EA Refrigerated Well, 4 Compartment	1,231.02	104.20
11463-0013 EA Frost Cold Plate	1,479.55	92.59
11465 Dispensing Equipment ⁽¹¹⁴⁰⁰⁾		
11465-0001 Beverage Dispensing ⁽¹¹⁴⁶⁵⁾		
11465-0002 EA Coffee Urn, Twin 3 Gallon	2,389.94	120.40
11465-0003 EA Coffee Urn, Twin 6 Gallon	3,405.03	168.54
11465-0004 EA Coffee Brewer, 5 Burner	959.82	120.40
11465-0005 EA Hot Chocolate Dispenser	941.30	99.17
11465-0006 EA Iced Tea Brewer	1,396.70	99.17
11465-0007 EA Juice Dispenser (Concentrate)	1,009.32	185.06
11465-0008 EA Jet Spray Dispenser	1,449.07	185.25
11465-0009 EA Carbonated Beverage Dispenser	2,612.64	260.53
11465-0010 EA Carbonated Beverage Dispenser With 90# Ice	4,179.50	297.73
11465-0011 EA Carbonated Beverage Dispenser With 150# Ice	7,723.71	416.80
11465-0012 EA Milk Dispenser, Bulk, 2 Flavor	1,227.86	104.20

11000 Equipment
11400 Foodservice Equipment
11465 Dispensing Equipment



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11465-0013	EA	Milk Dispenser, Bulk, 3 Flavor.....	1,683.26	104.20
11465-0014		Dish Dispensers ⁽¹¹⁴⁶⁵⁾		
11465-0015	EA	Dish Dispenser, 12", Drop-in.....	502.97	22.97
11465-0016	EA	Dish Dispenser, Mobile.....	1,568.42	26.84
11465-0017	EA	Cup And Glass Dispenser, Drop-in.....	858.74	71.43
11465-0018	EA	Disposable Cup Dispenser, Drop-in.....	311.80	16.09
11465-0019		Tray And Silver Dispensers ⁽¹¹⁴⁶⁵⁾		
11465-0020	EA	Tray And Silver Dispensers Mobile.....	1,959.23	16.09
11465-0021		Beverage Chilling Systems ⁽¹¹⁴⁶⁵⁾		
11465-0022	EA	Beverage Chiller, Small.....	4,026.72	206.86
11465-0023	EA	Beverage Chiller, Large.....	7,517.68	310.33
11465-0024		Condiment Dispensers ⁽¹¹⁴⁶⁵⁾		
11465-0025	EA	Butter Pat Dispenser.....	115.32	20.15
11465-0026	EA	Bread Dispenser, Counter Top.....	324.65	20.15
11465-0027		Soft Serve Machines ⁽¹¹⁴⁶⁵⁾		
11465-0028	EA	Soft Serve Machines, Medium.....	8,887.25	75.80
11465-0029	EA	Soft Serve Machines, Large.....	14,999.34	92.59
11470 Refrigerated Cases ⁽¹¹⁴⁰⁰⁾				
11470-0001		Dairy Products ⁽¹¹⁴⁷⁰⁾		
11470-0002		Refrigerated Dairy Case ⁽¹¹⁴⁷⁰⁻⁰⁰⁰¹⁾		
11470-0003	LF	Refrigerated Case, Dairy, Multi-Deck..... <i>11MOD-0024 For Rear Sliding Doors, Add</i>	1,027.84 19.95	202.34
11470-0004		Refrigerated Milk Unit ⁽¹¹⁴⁷⁰⁻⁰⁰⁰¹⁾		
11470-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit.....	4,797.45	147.08
11470-0006		Refrigerated Ice Cream And Milk Dispenser ⁽¹¹⁴⁷⁰⁻⁰⁰⁰¹⁾		
11470-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser.....	5,318.90	161.52
11470-0008		Ice Cream Dispenser ⁽¹¹⁴⁷⁰⁻⁰⁰⁰¹⁾		
11470-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser.....	4,442.57	136.00
11470-0010		Drop-In Ice Cream Freezer ⁽¹¹⁴⁷⁰⁻⁰⁰⁰¹⁾		
11470-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer.....	1,107.90	33.85
11470-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer.....	1,447.74	44.26
11470-0013		Ice Cream Cabinets ⁽¹¹⁴⁷⁰⁻⁰⁰⁰¹⁾		
11470-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet.....	3,469.92	105.78
11470-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet.....	4,943.30	152.65
11470-0016		Delicatessen Case, Service Deli ⁽¹¹⁴⁷⁰⁾		
11470-0017	LF	Delicatessen Case, Single-Deck.....	1,012.12	168.62
11470-0018	LF	Delicatessen Case, Multi-Deck.....	1,137.40	202.34
11470-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23".....	1,280.32	45.38
11470-0020		Meat Case ⁽¹¹⁴⁷⁰⁾		
11470-0021	LF	Meat Case, Single - Deck.....	760.14	202.34
11470-0022	LF	Meat Case, Multi - Deck.....	822.96	202.34
11470-0023		Produce Case ⁽¹¹⁴⁷⁰⁾		
11470-0024	LF	Produce Case, Single - Deck.....	790.52	202.34
11470-0025	LF	Produce Case, Multi - Deck.....	871.43	202.34
11470-0026		Bottle Coolers ⁽¹¹⁴⁷⁰⁾		
11470-0027	EA	Bottle Cooler, 6' Long.....	2,923.50	674.47



Equipment 11000	11
Foodservice Equipment 11400	
Refrigerated Cases 11470	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11470-0028	EA	Bottle Cooler, 10' Long	4,429.30	1,011.71
11470-0029		Cold Pan Units (11470)		
11470-0030	EA	5" x 48", Iced, Cold Pan Units.....	1,775.88	53.86
11470-0031	EA	5" x 72", Iced, Cold Pan Units.....	2,467.37	75.35
11470-0032	EA	8" x 72", Iced, Cold Pan Units.....	2,917.33	89.12
11470-0033	EA	5" x 48", Mechanical, Cold Pan Units	2,999.18	92.08
11470-0034	EA	8" x 48", Mechanical, Cold Pan Units	3,264.17	99.40
11470-0035	EA	8" x 72", Mechanical, Cold Pan Units	3,878.45	117.46
11470-0036		Cold Cabinets (Insulated) (11470)		
11470-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet.....	1,612.22	46.61
11470-0038		Salad Bars (11470)		
11470-0039	EA	96" Refrigerated Salad Bar With Light 54" Height.....	6,774.82	260.25
11470-0040	EA	96" Refrigerated Salad Bar Without Light 54" Height.....	6,216.27	260.25
11470-0041	EA	96" Iced Salad Bar Without Light 54" Height.....	4,367.20	142.98
11470-0042	EA	79" Iced Salad Bar Without Light 54" Height.....	3,454.29	117.46
11470-0043	EA	79" Refrigerated Salad Bar Without Light 54" Height.....	5,246.95	172.33
11470-0044	EA	114" Iced Salad Bar 34" Height	5,775.93	152.65
11470-0045	EA	Salad Bar Tray Fixed	1,112.07	25.85
11470-0046	EA	Salad Bar Tray Hinged	1,183.89	25.85
11471		Refrigerated Boxes (11400)		
11471-0001		Frozen Food Cases (11471)		
11471-0002	LF	Chest Type Frozen Food Case.....	785.15	202.34
11471-0003	LF	Reach-in Frozen Food Case (Glass Door).....	1,476.03	202.34
11471-0004	LF	Island Type Frozen Food Case.....	905.65	202.34
11471-0005	LF	Multi-Deck Frozen Food Case	1,417.72	202.34
11471-0006		Ice Storage Bins (11471)		
11471-0007	EA	500# Capacity Ice Storage Bin	2,188.20	472.13
11471-0008	EA	1000# Capacity Ice Storage Bin	4,376.38	809.37
11471-0009		Refrigeration (11471)		
11471-0010		Reach-In Refrigerators (11471-0009)		
11471-0011	EA	Refrigerator, Reach-in, 1 Compartment.....	4,976.60	106.90
11471-0012	EA	Refrigerator, Reach-in, 2 Compartment.....	6,711.44	134.47
11471-0013	EA	Refrigerator, Reach-in, 3 Compartment.....	9,151.95	148.83
11471-0014	EA	Refrigerator, Pass-Through / Roll-In, 1 Compartment	5,214.93	106.90
11471-0015	EA	Refrigerator, Pass-Through / Roll-In, 2 Compartment	7,033.00	134.47
11471-0016	EA	Refrigerator, Pass-Through / Roll-In, 3 Compartment	9,594.57	148.83
11471-0017		Reach-In Freezers (11471-0009)		
11471-0018	EA	Freezer, Reach-In, 1 Compartment	6,138.74	106.90
11471-0019	EA	Freezer, Reach-In, 2 Compartment	8,139.10	134.47
11471-0020		Reach-In Refrigerator/Freezers (11471-0009)		
11471-0021	EA	Refrigerator/Freezer, Reach-In, 1 Compartment	6,702.43	148.83
11471-0022	EA	Refrigerator/Freezer, Reach-In, 2 Compartment	9,483.40	173.65
11471-0023		Refrigerated Cabinets, Mobile (11471)		
11471-0024	EA	Refrigerated Cabinets, Mobile	5,745.56	40.22
11472		Food Service Counters And Accessories (11400)		
11472-0001		Cabinets And Counters (11472)		
11472-0002		Cashier Units (11472-0001)		
11472-0003	EA	Mobile Cashier Table.....	1,198.58	36.37
11472-0004	EA	Cashier Unit With Tray Slide.....	2,451.43	74.22
11472-0005	EA	Cashier Unit Without Tray Slide.....	2,021.78	61.29
11472-0006	EA	24" x 34" Inside Counter Cashier Unit	1,404.56	42.68
11472-0007	EA	18" x 34" At Counter End Cashier Unit	1,404.56	42.68
11472-0008	EA	42" x 34" At Counter End Cashier Unit	1,789.68	54.20
11472-0009	EA	42" x 60" Free Standing Cashier Unit	3,390.35	103.19
11472-0010	EA	Scanning System, 2 Lanes With Register, Scan Gun And Memory.....	18,073.89	1,447.19

11000 Equipment
11400 Foodservice Equipment
11472 Food Service Counters And Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11472-0011 Proof Boxes <small>(11472-0001)</small>		
11472-0012 EA 30-1/2" x 22-1/2", Stainless Steel Proof Box.....	1,889.95	43.52
11472-0013 EA 30-1/2" x 45", Stainless Steel Proof Box.....	3,162.44	72.94
11472-0014 EA 30-1/2" x 45", Galvanized Proof Box.....	1,582.05	33.11
11472-0015 Non-Insulated Heated Proof Cabinet <small>(11472-0001)</small>		
11472-0016 EA Angle Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet.....	1,487.32	41.71
11472-0017 EA Angle Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet.....	1,595.56	44.59
11472-0018 EA Channel Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet.....	1,477.24	41.37
11472-0019 EA Channel Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet.....	1,565.66	43.86
11472-0020 Insulated Heated Proof Cabinet <small>(11472-0001)</small>		
11472-0021 EA 3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet.....	2,421.69	73.64
11472-0022 EA 3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet.....	2,530.70	76.99
11472-0023 Sandwich Rack Warmer <small>(11472-0001)</small>		
11472-0024 EA 18 Compartment, 2 Tier Sandwich Rack Warmer.....	2,435.69	73.96
11472-0025 Mobile Bread Counter <small>(11472-0001)</small>		
11472-0026 EA Mobile Bread And Roll Counter.....	5,591.71	166.27
11472-0027 Wall Cabinets <small>(11472-0001)</small>		
11472-0028 EA 48" Wall Cabinet With Sliding Doors..... Note: 15" deep and 24" high.	1,654.77	50.27
11472-0029 EA 72" Wall Cabinet With Sliding Doors..... Note: 15" deep and 24" high.	2,183.43	66.37
11472-0030 EA 72" Wall Cabinet With Hinged Doors..... Note: 15" deep and 24" high.	2,506.15	76.09
11472-0031 EA 72" Wall Cabinet With Open Shelves..... Note: 15" deep and 24" high.	1,603.97	48.54
11472-0032 Mobile Sheet Pan Truck <small>(11472-0001)</small>		
11472-0033 EA 2 Level Mobile Sheet Pan Truck.....	154.56	4.23
11472-0034 Pot And Utensil Rack <small>(11472-0001)</small>		
11472-0035 EA 70" Bench Type Pot And Utensil Rack.....	450.71	12.90
11472-0036 EA 94" Bench Type Pot And Utensil Rack.....	522.48	14.58
11472-0037 EA 94" Ceiling Type Pot And Utensil Rack.....	621.14	17.46
11472-0038 EA 96" Wall Type Pot And Utensil Rack.....	337.77	9.54
11472-0039 Tray And Silverware Cart <small>(11472-0001)</small>		
11472-0040 EA 33" x 22-1/2" x 42" Tray And Silverware Cart.....	1,559.32	43.52
11472-0041 Flat Top Utility Units <small>(11472-0001)</small>		
11472-0042 EA 79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,424.68	39.76
11472-0043 EA 39" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,063.12	29.75
11472-0044 Open Service Stand <small>(11472-0001)</small>		
11472-0045 EA 6' Open Service Stand.....	2,158.02	60.11
11472-0046 LF Each Additional Ft Over 6 Ft Add.....	295.25	8.12
11472-0047 Mobile Serving Stand Unit <small>(11472-0001)</small>		
11472-0048 EA 36" Mobile Serving Stand Unit.....	1,883.36	57.49
11472-0049 EA 96" Mobile Serving Stand Unit.....	3,098.07	86.17
11473 Heated Cabinets/Holding Cabinets <small>(11400)</small>		
11473-0001 Reach-In Heated Cabinets <small>(11473)</small>		
11473-0002 EA Heated Cabinet, Reach-in, 1 Compartment.....	3,809.00	106.90
11473-0003 EA Heated Cabinet, Reach-in, 2 Compartment.....	5,494.02	134.47
11473-0004 EA Heated Cabinet, 1 Compartment, Pass-Through Roll-In.....	3,988.77	106.90
11473-0005 EA Heated Cabinet, Pass-Through, Roll-In 2 Compartment.....	5,755.27	134.47



Equipment 11000	11
Foodservice Equipment 11400	
Heated Cabinets/Holding Cabinets 11473	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11473-0006 Mobile Heated Cabinets (11473)		
11473-0007 EA Heated Cabinet, Mobile	4,314.86	40.22
11475 Shelving/Racks (11400)		
11475-0001 Stainless Steel Shelving, Louvered, 4-Tier (11475)		
11475-0002 EA 20" X 3' Stainless Steel Shelving, Louvered 4-Tier.....	932.15	40.22
11475-0003 EA 20" X 4' Stainless Steel Shelving, Louvered 4-Tier.....	1,078.99	40.22
11475-0004 EA 20" X 6' Stainless Steel Shelving, Louvered 4-Tier.....	1,353.11	40.22
11475-0005 EA 24" X 3' Stainless Steel Shelving, Louvered 4-Tier.....	1,147.52	40.22
11475-0006 EA 24" X 4' Stainless Steel Shelving, Louvered 4-Tier.....	1,255.21	40.22
11475-0007 EA 24" X 6' Stainless Steel Shelving, Louvered 4-Tier.....	1,670.30	40.22
11475-0008 Stainless Steel Shelving, Flat, 4-Tier (11475)		
11475-0009 EA 20" X 3' Stainless Steel Shelving, Flat 4-Tier.....	922.36	40.22
11475-0010 EA 20" X 4' Stainless Steel Shelving, Flat 4-Tier.....	1,049.63	40.22
11475-0011 EA 20" X 5' Stainless Steel Shelving, Flat 4-Tier.....	1,225.84	40.22
11475-0012 EA 24" X 3' Stainless Steel Shelving, Flat 4-Tier.....	1,049.63	40.22
11475-0013 EA 24" X 4' Stainless Steel Shelving, Flat 4-Tier.....	1,235.63	40.22
11475-0014 EA 24" X 6' Stainless Steel Shelving, Flat 4-Tier.....	1,372.69	40.22
11475-0015 Galvanized Steel Shelving, Louvered, 4-Tier (11475)		
11475-0016 EA 20" X 3' Galvanized Shelving, Louvered 4-Tier.....	484.61	40.22
11475-0017 EA 20" X 4' Galvanized Shelving, Louvered 4-Tier.....	573.23	40.22
11475-0018 EA 20" X 6' Galvanized Shelving, Louvered 4-Tier.....	782.88	40.22
11475-0019 EA 24" X 3' Galvanized Shelving, Louvered 4-Tier.....	551.61	40.22
11475-0020 EA 24" X 4' Galvanized Shelving, Louvered 4-Tier.....	620.78	40.22
11475-0021 EA 24" X 6' Galvanized Shelving, Louvered 4-Tier.....	750.46	40.22
11475-0022 Galvanized Steel Shelving, Flat, 4-Tier (11475)		
11475-0023 EA 20" X 3' Galvanized Shelving, Flat 4-Tier.....	484.61	40.22
11475-0024 EA 20" X 4' Galvanized Shelving, Flat 4-Tier.....	512.71	40.22
11475-0025 EA 20" X 6' Galvanized Shelving, Flat 4-Tier.....	674.81	40.22
11475-0026 EA 24" X 3' Galvanized Shelving, Flat 4-Tier.....	512.71	40.22
11475-0027 EA 24" X 4' Galvanized Shelving, Flat 4-Tier.....	599.16	40.22
11475-0028 EA 24" X 6' Galvanized Shelving, Flat 4-Tier.....	707.23	40.22
11475-0029 Stainless Steel Dunnage Rack (11475)		
11475-0030 EA 24" X 3' Stainless Steel Dunnage Rack.....	651.74	32.17
11475-0031 EA 24" X 4' Stainless Steel Dunnage Rack.....	710.47	32.17
11475-0032 Galvanized Steel Dunnage Rack (11475)		
11475-0033 EA 24" X 3' Galvanized Dunnage Rack.....	420.97	32.17
11475-0034 EA 24" X 4' Galvanized Dunnage Rack.....	442.59	32.17
11475-0035 Mobile Racks (11475)		
11475-0036 EA Mobile Rack With Pan Slide.....	1,342.67	32.17
11475-0037 Can Racks (11475)		
11475-0038 EA Can Rack.....	1,907.00	32.17
11500 Industrial Equipment (11000)		
11520 Dust Collectors (11500)		
11520-0001 Dust Collector System (11520)		
11520-0002 EA 1.5 HP Dust Collector Central Vacuum Unit	2,381.25	602.94
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin		
11520-0003 EA 2 HP Dust Collector Central Vacuum Unit	2,688.55	715.99
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin		
11520-0004 EA 2-1/2 HP Dust Collector Central Vacuum Unit	3,215.44	829.04
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin		
11520-0005 EA 3 HP Dust Collector Central Vacuum Unit	3,683.69	979.78
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin		
11520-0006 EA 5 HP Dust Collector Central Vacuum Unit	7,315.33	1,116.88
Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin		
11520-0007 EA 7-1/2 HP Dust Collector Central Vacuum Unit	8,850.23	1,303.03
Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin		
11520-0008 EA 10 HP Dust Collector Central Vacuum Unit	10,135.98	1,489.17
Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin		

11000 Equipment
11500 Industrial Equipment
11520 Dust Collectors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11520-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin	11,415.67	1,712.55
11520-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin	12,750.26	1,935.93
11520-0011		Vacuum Tubing And Accessories (11520)		
11520-0012		Vacuum Tubing (11520-0011)		
11520-0013		Galvanized Vacuum Tubing (11520-0012)		
11520-0014	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized.....	4.89	1.25
11520-0015	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	5.42	1.32
11520-0016	LF	3" Outside Diameter Vacuum Tubing, Galvanized.....	6.28	1.39
11520-0017	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	7.89	1.46
11520-0018	LF	4" Outside Diameter Vacuum Tubing, Galvanized.....	8.13	1.52
11520-0019	LF	5" Outside Diameter Vacuum Tubing, Galvanized.....	12.79	1.73
11520-0020	LF	6" Outside Diameter Vacuum Tubing, Galvanized.....	14.43	2.02
11520-0021	LF	8" Outside Diameter Vacuum Tubing, Galvanized.....	19.60	2.77
11520-0022	LF	10" Outside Diameter Vacuum Tubing, Galvanized.....	23.15	3.47
11520-0023	LF	12" Outside Diameter Vacuum Tubing, Galvanized.....	54.26	4.58
11520-0024		Flexible Hose (11520-0012)		
11520-0025	LF	2" Flexible Hose.....	6.52	1.25
11520-0026	LF	3" Flexible Hose.....	7.76	1.39
11520-0027	LF	4" Flexible Hose.....	8.43	1.52
11520-0028		Vacuum Fittings, Galvanized (11520-0011)		
11520-0029		90 Degree Elbow (11520-0028)		
11520-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	26.02	7.98
11520-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	31.08	8.54
11520-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	37.56	9.30
11520-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	43.57	10.06
11520-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	51.12	11.11
11520-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	79.30	12.36
11520-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	103.09	13.88
11520-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	179.46	18.54
11520-0038		45 Degree Elbow (11520-0028)		
11520-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	24.81	7.98
11520-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	30.08	8.54
11520-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	34.21	9.30
11520-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	39.80	10.06
11520-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	47.63	11.11
11520-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	67.19	12.36
11520-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	85.28	13.88
11520-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	149.54	18.54
11520-0047		Wye (11520-0028)		
11520-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized.....	46.18	13.19
11520-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized.....	54.01	14.23
11520-0050	EA	3" Wye, Vacuum Tubing, Galvanized.....	64.18	15.27
11520-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized.....	76.31	17.01
11520-0052	EA	4" Wye, Vacuum Tubing, Galvanized.....	98.23	18.40
11520-0053	EA	5" Wye, Vacuum Tubing, Galvanized.....	156.60	20.47
11520-0054	EA	6" Wye, Vacuum Tubing, Galvanized.....	203.90	23.26
11520-0055	EA	8" Wye, Vacuum Tubing, Galvanized.....	384.84	25.33
11520-0056	EA	10" Wye, Vacuum Tubing, Galvanized.....	526.57	27.76
11520-0057	EA	12" Wye, Vacuum Tubing, Galvanized.....	661.85	31.10
11520-0058		Reducer (11520-0028)		
11520-0059	EA	3" Reducer, Vacuum Tubing, Galvanized.....	27.79	9.30
11520-0060	EA	4" Reducer, Vacuum Tubing, Galvanized.....	30.71	10.06
11520-0061	EA	5" Reducer, Vacuum Tubing, Galvanized.....	37.36	11.11
11520-0062	EA	6" Reducer, Vacuum Tubing, Galvanized.....	40.62	12.36
11520-0063	EA	8" Reducer, Vacuum Tubing, Galvanized.....	47.04	13.88
11520-0064		Air Gate Valve, Galvanized (11520-0011)		
11520-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized.....	152.49	18.54
11520-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	160.08	19.78
11520-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized.....	182.83	21.31
11520-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	206.54	22.77
11520-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized.....	231.87	24.15
11520-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized.....	272.90	27.56



Equipment	11000	11
Industrial Equipment	11500	
Dust Collectors	11520	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11520-0071 EA 6" Air Gate Valve, Vacuum Tubing, Galvanized	313.34	30.89

END OF SECTION 11

11

11000 Equipment

11500 Industrial Equipment

11520 Dust Collectors



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12000 Furnishings

12200 Drapery/Window Treatments (12000)

12201 Drapery Accessories (12200)

12201-0001 Drapery Tracks (12201)

12201-0002 Metal Wall Or Ceiling Mount Drapery Tracks (12201-0001)

12201-0003 Basic Traverse Rod (12201-0002)

12201-0004	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	71.39	28.90
12201-0005	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	78.56	28.90
12201-0006	EA	Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	91.12	32.11
12201-0007	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	113.51	32.11
12201-0008	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	120.65	35.32

12201-0009 Traverse Rod With Stationary Curtain Rod (12201-0002)

12201-0010	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	78.26	28.90
12201-0011	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	82.90	28.90
12201-0012	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	102.02	32.11
12201-0013	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	116.32	35.32

12201-0014 Double Traverse Rod (12201-0002)

12201-0015	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	90.07	28.90
12201-0016	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	104.11	28.90
12201-0017	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	126.59	32.11
12201-0018	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	138.27	35.32

12201-0019 Curtain Rods (12201-0002)

12201-0020	LF	Standard Metal Curtain Rod, White	4.46	1.16
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12201-0021 Draperies (12201-0002)

12201-0022	LF	Drapery, Lined, Average Length 50"	41.96	1.93
12201-0023	LF	Drapery, Lined, Average Length 78"	52.74	2.09
12201-0024	LF	Relocate Any Type Of Drapery With Any Type Rod	19.26	

Note: Includes storage and cleaning.

12201-0025 Draperies, Lined Overlaps And Returns (12201)

Note: Material only. See CSI section 12201-0116 for installation of draperies.

12201-0026 32" Through 48" Wide (12201-0025)

12201-0027	EA	26" To 39" Long Draperies, Lined Overlaps And Returns	108.67	
12201-0028	EA	40" To 63" Long Draperies, Lined Overlaps And Returns	113.56	
12201-0029	EA	64" To 72" Long Draperies, Lined Overlaps And Returns	121.50	
12201-0030	EA	73" To 81" Long Draperies, Lined Overlaps And Returns	124.55	
12201-0031	EA	82" To 90" Long Draperies, Lined Overlaps And Returns	131.87	
12201-0032	EA	91" To 99" Long Draperies, Lined Overlaps And Returns	141.64	
12201-0033	EA	100" To 108" Long Draperies, Lined Overlaps And Returns	147.75	
12201-0034	EA	109" To 120" Long Draperies, Lined Overlaps And Returns	156.29	
12201-0035	EA	121" To 130" Long Draperies, Lined Overlaps And Returns	169.73	

12201-0036 48" Through 72" Wide (12201-0025)

12201-0037	EA	26" To 39" Long Draperies, Lined Overlaps And Returns	158.74	
12201-0038	EA	40" To 63" Long Draperies, Lined Overlaps And Returns	169.73	
12201-0039	EA	64" To 72" Long Draperies, Lined Overlaps And Returns	178.27	
12201-0040	EA	73" To 81" Long Draperies, Lined Overlaps And Returns	185.60	
12201-0041	EA	82" To 90" Long Draperies, Lined Overlaps And Returns	202.70	
12201-0042	EA	91" To 99" Long Draperies, Lined Overlaps And Returns	211.24	
12201-0043	EA	100" To 108" Long Draperies, Lined Overlaps And Returns	218.57	
12201-0044	EA	109" To 120" Long Draperies, Lined Overlaps And Returns	234.44	
12201-0045	EA	121" To 130" Long Draperies, Lined Overlaps And Returns	251.54	

12201-0046 54" Through 96" Wide (12201-0025)

12201-0047	EA	26" To 39" Long Draperies, Lined Overlaps And Returns	211.24	
12201-0048	EA	40" To 63" Long Draperies, Lined Overlaps And Returns	227.12	
12201-0049	EA	64" To 72" Long Draperies, Lined Overlaps And Returns	234.44	
12201-0050	EA	73" To 81" Long Draperies, Lined Overlaps And Returns	251.54	
12201-0051	EA	82" To 90" Long Draperies, Lined Overlaps And Returns	267.41	
12201-0052	EA	91" To 99" Long Draperies, Lined Overlaps And Returns	283.28	
12201-0053	EA	100" To 108" Long Draperies, Lined Overlaps And Returns	291.83	

12000 Furnishings
12200 Drapery/Window Treatments
12201 Drapery Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12201-0054	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	308.93	
12201-0055	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	332.13	
12201-0056		80" Through 120" Wide (12201-0025)		
12201-0057	EA	26" To 39" Long Draperies, Lined Overlaps And Returns.....	267.41	
12201-0058	EA	40" To 63" Long Draperies, Lined Overlaps And Returns.....	283.28	
12201-0059	EA	64" To 72" Long Draperies, Lined Overlaps And Returns.....	291.83	
12201-0060	EA	73" To 81" Long Draperies, Lined Overlaps And Returns.....	316.25	
12201-0061	EA	82" To 90" Long Draperies, Lined Overlaps And Returns.....	332.13	
12201-0062	EA	91" To 99" Long Draperies, Lined Overlaps And Returns.....	349.22	
12201-0063	EA	100" To 108" Long Draperies, Lined Overlaps And Returns.....	360.34	
12201-0064	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	390.74	
12201-0065	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	402.95	
12201-0066		96" Through 144" Wide (12201-0025)		
12201-0067	EA	26" To 39" Long Draperies, Lined Overlaps And Returns.....	316.25	
12201-0068	EA	40" To 63" Long Draperies, Lined Overlaps And Returns.....	339.45	
12201-0069	EA	64" To 72" Long Draperies, Lined Overlaps And Returns.....	348.00	
12201-0070	EA	73" To 81" Long Draperies, Lined Overlaps And Returns.....	372.42	
12201-0071	EA	82" To 90" Long Draperies, Lined Overlaps And Returns.....	396.84	
12201-0072	EA	91" To 99" Long Draperies, Lined Overlaps And Returns.....	421.26	
12201-0073	EA	100" To 108" Long Draperies, Lined Overlaps And Returns.....	445.68	
12201-0074	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	470.11	
12201-0075	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	500.63	
12201-0076		122" Through 168" Wide (12201-0025)		
12201-0077	EA	26" To 39" Long Draperies, Lined Overlaps And Returns.....	372.42	
12201-0078	EA	40" To 63" Long Draperies, Lined Overlaps And Returns.....	396.84	
12201-0079	EA	64" To 72" Long Draperies, Lined Overlaps And Returns.....	415.16	
12201-0080	EA	73" To 81" Long Draperies, Lined Overlaps And Returns.....	439.58	
12201-0081	EA	82" To 90" Long Draperies, Lined Overlaps And Returns.....	464.00	
12201-0082	EA	91" To 99" Long Draperies, Lined Overlaps And Returns.....	494.53	
12201-0083	EA	100" To 108" Long Draperies, Lined Overlaps And Returns.....	518.95	
12201-0084	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	543.37	
12201-0085	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	586.11	
12201-0086		128" Through 192" Wide (12201-0025)		
12201-0087	EA	26" To 39" Long Draperies, Lined Overlaps And Returns.....	421.26	
12201-0088	EA	40" To 63" Long Draperies, Lined Overlaps And Returns.....	451.79	
12201-0089	EA	64" To 72" Long Draperies, Lined Overlaps And Returns.....	470.11	
12201-0090	EA	73" To 81" Long Draperies, Lined Overlaps And Returns.....	500.63	
12201-0091	EA	82" To 90" Long Draperies, Lined Overlaps And Returns.....	525.05	
12201-0092	EA	91" To 99" Long Draperies, Lined Overlaps And Returns.....	555.58	
12201-0093	EA	100" To 108" Long Draperies, Lined Overlaps And Returns.....	604.42	
12201-0094	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	622.74	
12201-0095	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	665.47	
12201-0096		144" Through 216" Wide (12201-0025)		
12201-0097	EA	26" To 39" Long Draperies, Lined Overlaps And Returns.....	476.21	
12201-0098	EA	40" To 63" Long Draperies, Lined Overlaps And Returns.....	500.63	
12201-0099	EA	64" To 72" Long Draperies, Lined Overlaps And Returns.....	525.05	
12201-0100	EA	73" To 81" Long Draperies, Lined Overlaps And Returns.....	561.68	
12201-0101	EA	82" To 90" Long Draperies, Lined Overlaps And Returns.....	598.32	
12201-0102	EA	91" To 99" Long Draperies, Lined Overlaps And Returns.....	634.95	
12201-0103	EA	100" To 108" Long Draperies, Lined Overlaps And Returns.....	665.47	
12201-0104	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	696.00	
12201-0105	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	750.95	
12201-0106		160" Through 240" Wide (12201-0025)		
12201-0107	EA	26" To 39" Long Draperies, Lined Overlaps And Returns.....	525.05	
12201-0108	EA	40" To 63" Long Draperies, Lined Overlaps And Returns.....	567.79	
12201-0109	EA	64" To 72" Long Draperies, Lined Overlaps And Returns.....	586.11	
12201-0110	EA	73" To 81" Long Draperies, Lined Overlaps And Returns.....	622.74	
12201-0111	EA	82" To 90" Long Draperies, Lined Overlaps And Returns.....	665.47	
12201-0112	EA	91" To 99" Long Draperies, Lined Overlaps And Returns.....	702.11	
12201-0113	EA	100" To 108" Long Draperies, Lined Overlaps And Returns.....	738.74	
12201-0114	EA	109" To 120" Long Draperies, Lined Overlaps And Returns.....	775.37	
12201-0115	EA	121" To 130" Long Draperies, Lined Overlaps And Returns.....	836.42	
12201-0116		Install Draperies (12201)		
12201-0117	LF	Install Draperies.....	12.87	6.44



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12210 Blinds And Shades (12200)

12210-0001 Window Blinds, Standard Colors (12210)

Note: Includes mounting brackets

12210-0002	SF Horizontal, 1" Mini Blinds, Plastic.....	2.35	0.26
12210-0003	SF Horizontal, 2" Plastic Slats, White.....	4.16	0.26
12210-0004	SF Horizontal, 2" Plastic Slats, Colored	4.58	0.26
12210-0005	SF Horizontal, 1" Aluminum Slats	6.44	0.96
12210-0006	SF Horizontal, 2" Aluminum Slats	6.20	1.02
12210-0007	SF Vertical, 3" To 5" Cloth Or PVC	9.23	1.29
12210-0008	SF Vertical, 4" Aluminum Slats.....	10.08	1.29
12210-0009	SF Vertical, Mylar Mirror-Finish Strips, To 8" Wide	27.98	3.21

12210-0010 Shades (12210)

12210-0011	SF Shades Basswood, Roll-Up, Stain Finish, 3/8" Slats	10.72	0.84
12210-0012	SF Shades, Basswood, Roll-Up, Stain Finish, 7/8" Slats	10.68	0.84
12210-0013	SF Shades, Basswood, Vertical Side Slide, Stain Finish, 3/8" Slats	13.40	0.84
12210-0014	SF Shades, Basswood, Vertical Side Slide, Stain Finish, 7/8" Slats	12.41	0.84
12210-0015	SF Shades, Mylar, Single Layer, Non-Heat Reflective	6.56	0.38
12210-0016	SF Shades, Mylar, Double Layered, Heat Reflective	8.16	0.38
12210-0017	SF Shades, Mylar, Triple Layered, Heat Reflective.....	10.73	0.38
12210-0018	EA Shades, Mylar, For Metal Roller Instead Of Wood, Add Per.....	3.69	
12210-0019	SF Shades, Vinyl Coated Cotton, Standard	2.09	0.38
12210-0020	SF Shades, Vinyl Coated Cotton, Lightproof Decorator Shades	4.33	0.38
12210-0021	SF Shades, Vinyl, 4 mil, 1 Ply	1.16	0.38
12210-0022	SF Shades, Vinyl, 6 mil, 1 Ply	1.70	0.38
12210-0023	SF Shades, Vinyl Laminated Fiberglass, Translucent	2.07	0.38
	Note: 6 to 7 oz, 2 ply (1-ply vinyl and 1 ply fiberglass)		
12210-0024	SF Shades, Vinyl Laminated Fiberglass, Lightproof.....	3.29	0.38
	Note: 12 to 14 oz, 4 ply (3-ply vinyl and 1 ply fiberglass)		
12210-0025	SF Shades, Woven Aluminum, 3/8" Thick, Lightproof And Fireproof	5.22	0.71
12210-0026	SF Shades Thermal Roll Up R-4 Insulative.....	11.67	2.00
12210-0027	SF Shades Solar Screening Fiberglass.....	10.59	2.96
	Note: 95% UV blockage, pvc-coated fiberglass yarn		
12210-0028	PR Window Shade Brackets.....	15.79	3.21

12300 Manufactured Cabinets/Casework (12000)

12310 Manufactured Metal Casework (12300)

12310-0001 Key Cabinet (12310)

12310-0002	EA Wall Mounted Key Cabinet, Up To 30 Keys.....	255.75	11.59
12310-0003	EA Wall Mounted Key Cabinet, Up To 60 Keys.....	345.20	12.87
12310-0004	EA Wall Mounted Key Cabinet, Up To 240 Keys.....	774.70	19.31
12310-0005	EA Wall Mounted Key Cabinet, Up To 1200 Keys.....	1,996.69	25.75
12310-0006	EA Drawer Type Key Cabinet, Up To 600 Keys	2,130.61	17.06
12310-0007	EA Drawer Type Key Cabinet, Up To 2400 Keys	4,813.14	12.87
12310-0008	EA Tray Type Key Cabinet, Up To 20 Keys	107.56	5.15
12310-0009	EA Tray Type Key Cabinet, Up To 50 Keys	153.36	6.44

12310-0010 Key Boxes Wall Mounted On Any Type Wall, With Anchor (12310)

12310-0011	EA Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High.....	146.84	9.66
12310-0012	EA Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High.....	166.29	9.66
12310-0013	EA Relocate Key Box, Metal, 3" Deep x 10" Wide x 12" High, Including Storage And Cleaning.....	32.84	
12310-0014	EA Relocate Heavy Duty Key Box, With Combo Lock Door, Including Storage And Cleaning.....	74.06	

12315 Custom Metal Cabinets (12300)

12315-0001 Stainless Steel Cabinets (12315)

12315-0002 Base Cabinets (12315-0001)

12315-0003 18" Base Cabinet (12315-0002)

12315-0004	EA 18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,419.80	148.15
	12MOD-0002 For > 5 To 9, Deduct	-58.98	
	12MOD-0003 For > 9, Deduct	-117.96	
12315-0005	EA 18" Stainless Steel Base Cabinet, With 4 Drawers.....	2,374.00	148.15
	12MOD-0002 For > 5 To 9, Deduct	-109.08	
	12MOD-0003 For > 9, Deduct	-218.15	
12315-0006	EA 18" Stainless Steel Base Cabinet, With 3 Drawers.....	2,193.95	148.15
	12MOD-0002 For > 5 To 9, Deduct	-99.62	
	12MOD-0003 For > 9, Deduct	-199.24	
12315-0007	EA 18" Stainless Steel Base Cabinet, With 2 Drawers.....	2,013.90	148.15
	12MOD-0002 For > 5 To 9, Deduct	-90.17	
	12MOD-0003 For > 9, Deduct	-180.34	

12000 Furnishings**12300 Manufactured Cabinets/Casework****12315 Custom Metal Cabinets**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12315-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	1,952.80	148.15
	12MOD-0002	For > 5 To 9, Deduct	-86.96	
	12MOD-0003	For > 9, Deduct	-173.92	
12315-0009		24" Base Cabinet (12315-0002)		
12315-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,091.68	160.11
	12MOD-0002	For > 5 To 9, Deduct	-92.99	
	12MOD-0003	For > 9, Deduct	-185.98	
12315-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	1,871.98	160.11
	12MOD-0002	For > 5 To 9, Deduct	-81.45	
	12MOD-0003	For > 9, Deduct	-162.91	
12315-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	1,920.08	160.11
	12MOD-0002	For > 5 To 9, Deduct	-83.98	
	12MOD-0003	For > 9, Deduct	-167.96	
12315-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,143.68	160.11
	12MOD-0002	For > 5 To 9, Deduct	-95.72	
	12MOD-0003	For > 9, Deduct	-191.44	
12315-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	2,821.63	160.11
	12MOD-0002	For > 5 To 9, Deduct	-131.31	
	12MOD-0003	For > 9, Deduct	-262.62	
12315-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,112.18	160.11
	12MOD-0002	For > 5 To 9, Deduct	-146.56	
	12MOD-0003	For > 9, Deduct	-293.13	
12315-0016		30" Base Cabinet (12315-0002)		
12315-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	1,820.78	168.72
	12MOD-0002	For > 5 To 9, Deduct	-77.88	
	12MOD-0003	For > 9, Deduct	-155.76	
12315-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	2,702.18	168.72
	12MOD-0002	For > 5 To 9, Deduct	-124.16	
	12MOD-0003	For > 9, Deduct	-248.31	
12315-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	3,512.73	168.72
	12MOD-0002	For > 5 To 9, Deduct	-166.71	
	12MOD-0003	For > 9, Deduct	-333.42	
12315-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,222.18	168.72
	12MOD-0002	For > 5 To 9, Deduct	-151.46	
	12MOD-0003	For > 9, Deduct	-302.91	
12315-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,042.13	168.72
	12MOD-0002	For > 5 To 9, Deduct	-142.00	
	12MOD-0003	For > 9, Deduct	-284.01	
12315-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	2,311.53	168.72
	12MOD-0002	For > 5 To 9, Deduct	-103.65	
	12MOD-0003	For > 9, Deduct	-207.29	
12315-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	2,289.43	168.72
	12MOD-0002	For > 5 To 9, Deduct	-102.49	
	12MOD-0003	For > 9, Deduct	-204.97	
12315-0024		36" Base Cabinet (12315-0002)		
12315-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,019.32	175.42
	12MOD-0002	For > 5 To 9, Deduct	-87.58	
	12MOD-0003	For > 9, Deduct	-175.15	
12315-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	2,488.62	175.42
	12MOD-0002	For > 5 To 9, Deduct	-112.22	
	12MOD-0003	For > 9, Deduct	-224.43	
12315-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	2,315.72	175.42
	12MOD-0002	For > 5 To 9, Deduct	-103.14	
	12MOD-0003	For > 9, Deduct	-206.28	
12315-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,709.32	175.42
	12MOD-0002	For > 5 To 9, Deduct	-176.30	
	12MOD-0003	For > 9, Deduct	-352.60	
12315-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	3,419.42	175.42
	12MOD-0002	For > 5 To 9, Deduct	-161.08	
	12MOD-0003	For > 9, Deduct	-322.16	
12315-0030		42" Base Cabinet (12315-0002)		
12315-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,118.26	186.43
	12MOD-0002	For > 5 To 9, Deduct	-91.63	
	12MOD-0003	For > 9, Deduct	-183.26	
12315-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,911.61	186.43
	12MOD-0002	For > 5 To 9, Deduct	-185.78	
	12MOD-0003	For > 9, Deduct	-371.56	
12315-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,621.06	186.43
	12MOD-0002	For > 5 To 9, Deduct	-170.53	
	12MOD-0003	For > 9, Deduct	-341.06	
12315-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,320.11	186.43
	12MOD-0002	For > 5 To 9, Deduct	-154.73	
	12MOD-0003	For > 9, Deduct	-309.46	
12315-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	2,518.66	186.43
	12MOD-0002	For > 5 To 9, Deduct	-112.65	
	12MOD-0003	For > 9, Deduct	-225.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12315-0036 EA 42" Stainless Steel Base Cabinet, With Doors And Lock.....	2,688.96	186.43
12MOD-0002 For > 5 To 9, Deduct	-121.59	
12MOD-0003 For > 9, Deduct	-243.19	
12315-0037 48" Base Cabinet (12315-0002)		
12315-0038 EA 48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock.....	4,105.99	190.74
12MOD-0002 For > 5 To 9, Deduct	-195.55	
12MOD-0003 For > 9, Deduct	-391.10	
12315-0039 EA 48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,816.09	190.74
12MOD-0002 For > 5 To 9, Deduct	-180.33	
12MOD-0003 For > 9, Deduct	-360.66	
12315-0040 EA 48" Stainless Steel Base Cabinet, No Doors, No Drawers	2,312.64	190.74
12MOD-0002 For > 5 To 9, Deduct	-101.40	
12MOD-0003 For > 9, Deduct	-202.80	
12315-0041 EA 48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,515.14	190.74
12MOD-0002 For > 5 To 9, Deduct	-164.53	
12MOD-0003 For > 9, Deduct	-329.06	
12315-0042 EA 48" Stainless Steel Base Cabinet, With Doors, And Lock.....	2,885.29	190.74
12MOD-0002 For > 5 To 9, Deduct	-131.46	
12MOD-0003 For > 9, Deduct	-262.93	
12315-0043 EA 48" Stainless Steel Base Cabinet, With Doors, No Locks.....	2,838.49	190.74
12MOD-0002 For > 5 To 9, Deduct	-129.01	
12MOD-0003 For > 9, Deduct	-258.01	
12315-0044 60" Base Cabinet (12315-0002)		
12315-0045 EA 24" Deep x 60" Wide Stainless Steel Sink Base Cabinet.....	2,802.82	196.55
12MOD-0002 For > 5 To 9, Deduct	-126.52	
12MOD-0003 For > 9, Deduct	-253.04	
12315-0046 Wall Cabinets (12315-0001)		
12315-0047 12" Wide Wall Cabinets (12315-0046)		
12315-0048 EA 12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,142.47	56.40
12MOD-0002 For > 5 To 9, Deduct	-54.06	
12MOD-0003 For > 9, Deduct	-108.11	
12315-0049 EA 12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,135.42	59.82
12MOD-0002 For > 5 To 9, Deduct	-53.33	
12MOD-0003 For > 9, Deduct	-106.65	
12315-0050 18" Wide Wall Cabinets (12315-0046)		
12315-0051 EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,196.53	60.64
12MOD-0002 For > 5 To 9, Deduct	-56.45	
12MOD-0003 For > 9, Deduct	-112.89	
12315-0052 EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,125.68	60.64
12MOD-0002 For > 5 To 9, Deduct	-52.73	
12MOD-0003 For > 9, Deduct	-105.45	
12315-0053 EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,324.24	65.97
12MOD-0002 For > 5 To 9, Deduct	-62.59	
12MOD-0003 For > 9, Deduct	-125.19	
12315-0054 EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,280.69	65.97
12MOD-0002 For > 5 To 9, Deduct	-60.31	
12MOD-0003 For > 9, Deduct	-120.61	
12315-0055 24" Wide Wall Cabinets (12315-0046)		
12315-0056 EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door.....	981.28	67.13
12MOD-0002 For > 5 To 9, Deduct	-44.47	
12MOD-0003 For > 9, Deduct	-88.94	
12315-0057 EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,351.78	67.13
12MOD-0002 For > 5 To 9, Deduct	-63.92	
12MOD-0003 For > 9, Deduct	-127.84	
12315-0058 EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,281.58	67.13
12MOD-0002 For > 5 To 9, Deduct	-60.24	
12MOD-0003 For > 9, Deduct	-120.47	
12315-0059 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,272.94	62.69
12MOD-0002 For > 5 To 9, Deduct	-60.24	
12MOD-0003 For > 9, Deduct	-120.48	
12315-0060 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,198.19	62.69
12MOD-0002 For > 5 To 9, Deduct	-56.32	
12MOD-0003 For > 9, Deduct	-112.63	
12315-0061 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock.....	1,548.54	62.69
12MOD-0002 For > 5 To 9, Deduct	-74.71	
12MOD-0003 For > 9, Deduct	-149.42	
12315-0062 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	897.89	62.69
12MOD-0002 For > 5 To 9, Deduct	-40.55	
12MOD-0003 For > 9, Deduct	-81.10	
12315-0063 EA 24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors.....	844.87	59.82
12MOD-0002 For > 5 To 9, Deduct	-38.07	
12MOD-0003 For > 9, Deduct	-76.15	

12000 Furnishings**12300 Manufactured Cabinets/Casework****12315 Custom Metal Cabinets**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12315-0064		30" Wide Wall Cabinets (12315-0046)		
12315-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,765.89	71.30
	12MOD-0002	For > 5 To 9, Deduct	-85.22	
	12MOD-0003	For > 9, Deduct	-170.44	
12315-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,595.59	71.30
	12MOD-0002	For > 5 To 9, Deduct	-76.28	
	12MOD-0003	For > 9, Deduct	-152.56	
12315-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,054.14	71.30
	12MOD-0002	For > 5 To 9, Deduct	-47.85	
	12MOD-0003	For > 9, Deduct	-95.71	
12315-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,681.47	65.63
	12MOD-0002	For > 5 To 9, Deduct	-81.38	
	12MOD-0003	For > 9, Deduct	-162.77	
12315-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock.....	1,511.17	65.63
	12MOD-0002	For > 5 To 9, Deduct	-72.44	
	12MOD-0003	For > 9, Deduct	-144.89	
12315-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	969.72	65.63
	12MOD-0002	For > 5 To 9, Deduct	-44.02	
	12MOD-0003	For > 9, Deduct	-88.03	
12315-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors.....	916.56	62.55
	12MOD-0002	For > 5 To 9, Deduct	-41.55	
	12MOD-0003	For > 9, Deduct	-83.11	
12315-0072		36" Wide Wall Cabinets (12315-0046)		
12315-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,837.07	73.36
	12MOD-0002	For > 5 To 9, Deduct	-88.74	
	12MOD-0003	For > 9, Deduct	-177.49	
12315-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,662.87	73.36
	12MOD-0002	For > 5 To 9, Deduct	-79.60	
	12MOD-0003	For > 9, Deduct	-159.20	
12315-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,125.32	73.36
	12MOD-0002	For > 5 To 9, Deduct	-51.38	
	12MOD-0003	For > 9, Deduct	-102.75	
12315-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,752.18	67.13
	12MOD-0002	For > 5 To 9, Deduct	-84.94	
	12MOD-0003	For > 9, Deduct	-169.88	
12315-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,582.53	67.13
	12MOD-0002	For > 5 To 9, Deduct	-76.04	
	12MOD-0003	For > 9, Deduct	-152.07	
12315-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,040.43	67.13
	12MOD-0002	For > 5 To 9, Deduct	-47.58	
	12MOD-0003	For > 9, Deduct	-95.15	
12315-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	988.51	63.93
	12MOD-0002	For > 5 To 9, Deduct	-45.18	
	12MOD-0003	For > 9, Deduct	-90.37	
12315-0080		42" Wide Wall Cabinets (12315-0046)		
12315-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,913.08	92.30
	12MOD-0002	For > 5 To 9, Deduct	-90.75	
	12MOD-0003	For > 9, Deduct	-181.51	
12315-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,920.70	87.10
	12MOD-0002	For > 5 To 9, Deduct	-91.70	
	12MOD-0003	For > 9, Deduct	-183.39	
12315-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,747.80	87.10
	12MOD-0002	For > 5 To 9, Deduct	-82.62	
	12MOD-0003	For > 9, Deduct	-165.24	
12315-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,207.65	87.10
	12MOD-0002	For > 5 To 9, Deduct	-54.26	
	12MOD-0003	For > 9, Deduct	-108.52	
12315-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,818.04	73.15
	12MOD-0002	For > 5 To 9, Deduct	-87.77	
	12MOD-0003	For > 9, Deduct	-175.53	
12315-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,646.44	73.15
	12MOD-0002	For > 5 To 9, Deduct	-78.76	
	12MOD-0003	For > 9, Deduct	-157.52	
12315-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,106.29	73.15
	12MOD-0002	For > 5 To 9, Deduct	-50.40	
	12MOD-0003	For > 9, Deduct	-100.80	
12315-0088		48" Wide Wall Cabinets (12315-0046)		
12315-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks.....	1,673.40	92.30
	12MOD-0002	For > 5 To 9, Deduct	-77.98	
	12MOD-0003	For > 9, Deduct	-155.95	
12315-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,990.51	89.01
	12MOD-0002	For > 5 To 9, Deduct	-95.15	
	12MOD-0003	For > 9, Deduct	-190.31	
12315-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,820.21	89.01
	12MOD-0002	For > 5 To 9, Deduct	-86.21	
	12MOD-0003	For > 9, Deduct	-172.43	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12315-0092	EA 48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors..... <i>12MOD-0002 For > 5 To 9, Deduct</i> <i>12MOD-0003 For > 9, Deduct</i>	1,278.76 -57.79 -115.58	89.01
12315-0093	EA 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>12MOD-0002 For > 5 To 9, Deduct</i> <i>12MOD-0003 For > 9, Deduct</i>	1,888.19 -91.37 -182.74	73.83
12315-0094	EA 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks <i>12MOD-0002 For > 5 To 9, Deduct</i> <i>12MOD-0003 For > 9, Deduct</i>	1,718.54 -82.47 -164.93	73.83
12315-0095	EA 48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>12MOD-0002 For > 5 To 9, Deduct</i> <i>12MOD-0003 For > 9, Deduct</i>	1,176.44 -54.01 -108.01	73.83
12315-0096	Accessories <small>(12315-0001)</small>		
12315-0097	Stainless Steel Countertops <small>(12315-0096)</small> Note: 16 gauge countertops without sinks.		
12315-0098	SF Stainless Steel Countertop With Marine Edge and Splash..... Note: 16 gauge.	101.13	3.76
12315-0099	SF Stainless Steel Countertop Without Marine Edge and With Splash..... Note: 16 gauge.	93.98	3.76
12315-0100	SF Stainless Steel Countertop Without Marine Edge or Splash..... Note: 16 gauge.	87.48	3.76
12315-0101	Stainless Steel Wall Panels <small>(12315-0096)</small>		
12315-0102	SF Stainless Steel Wall Panel, 20 Gauge	25.87	5.61
12315-0103	Pedestal Legs <small>(12315-0096)</small>		
12315-0104	EA Type #304 Stainless Steel Pedestal Leg	251.97	8.55
12315-0105	Stainless Steel Slanted Cabinet Top Enclosure <small>(12315-0096)</small>		
12315-0106	EA Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections.....	270.29	16.10
12400 Furnishings And Accessories <small>(12000)</small>			
12410 Office Accessories <small>(12400)</small>			
12410-0001 Wall Mounted Office Accessories <small>(12410)</small>			
12410-0002	EA Manual Pencil Sharpener, Wall Mounted.....	10.46	2.26
12410-0003	EA Wall Mounted Flag.....	9.27	2.26
12480 Floor Mats <small>(12400)</small>			
12480-0001 Floor Mats <small>(12480)</small>			
12480-0002	SF 3/8" Thick Solid Recessable Floor Mat..... <i>12MOD-0004 For Colors, Add</i>	11.66 1.69	1.61
12480-0003	SF 1/2" Thick Solid Recessable Floor Mat..... <i>12MOD-0004 For Colors, Add</i>	14.26 2.21	1.61
12480-0004	SF 3/8" Thick Perforated Recessable Floor Mat..... <i>12MOD-0004 For Colors, Add</i>	12.31 1.82	1.61
12480-0005	SF 1/2" Thick Perforated Recessable Floor Mat..... <i>12MOD-0004 For Colors, Add</i>	14.91 2.34	1.61
12480-0006 Link Mats <small>(12480)</small> Note: Includes nosing			
12480-0007	SF 3/8" Link Mats, Aluminum	14.35	1.61
12480-0008	SF Black Rubber Link Mats With Galvanized Tie Rods.....	12.15	1.61
12480-0009	SF 3/8" Thick, Galvanized Steel Link Mats.....	12.26	1.61
12480-0010	SF Vinyl Link Mats, Color.....	19.19	1.61
12480-0011	LF Rubber Nosing.....	3.73	0.70
12480-0012 Recessed Frames <small>(12480)</small>			
12480-0013	LF Aluminum Recessed Frame.....	10.40	2.57
12480-0014	LF Bronze Recessed Frame.....	15.30	2.57
12480-0015 Duckboard <small>(12480)</small>			
12480-0016	SF Aluminum Slats.....	19.88	1.67
12480-0017	SF Hardwood Strips On Rubber Base.....	11.97	1.67
12480-0018	SF Assembled With Brass Rods And Vinyl Spacers	19.32	1.67
12480-0019	SF Tire Fabric, 3/4" Thick.....	10.99	1.67
12480-0020	SF Vinyl, 36" Wide, Hollow Top And Bottom.....	8.01	1.67
12480-0021	SF Vinyl, 36" Wide, Solid Top And Bottom.....	11.70	1.67

12000 Furnishings
12400 Furnishings And Accessories
12480 Floor Mats



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12600 Multiple Seating ⁽¹²⁰⁰⁰⁾

12610 Fixed Audience Seating ⁽¹²⁶⁰⁰⁾

12610-0001 Auditorium Seating, Fixed Back ⁽¹²⁶¹⁰⁾

12610-0002	EA	Hardwood/Plywood Seating.....	303.07	28.61
	12MOD-0001	For < 25, Add	55.84	
	12MOD-0008	For > 100, Deduct	-33.55	
	12MOD-0009	For Table Arm Attachment, Add	53.46	
	12MOD-0010	For Armrest, Add	32.28	
	12MOD-0011	For Aisle Panel, Add	79.60	
	12MOD-0012	For Epoxy Anchoring, Add	21.67	
12610-0003	EA	Fiberglass With Upholstered Seating.....	324.85	28.61
	12MOD-0001	For < 25, Add	61.72	
	12MOD-0008	For > 100, Deduct	-37.08	
	12MOD-0009	For Table Arm Attachment, Add	53.46	
	12MOD-0010	For Armrest, Add	32.28	
	12MOD-0011	For Aisle Panel, Add	79.60	
	12MOD-0012	For Epoxy Anchoring, Add	21.67	
12610-0004	EA	Hardwood/Plywood Semi-Upholstered Seating.....	341.18	28.61
	12MOD-0001	For < 25, Add	66.13	
	12MOD-0008	For > 100, Deduct	-39.73	
	12MOD-0009	For Table Arm Attachment, Add	53.46	
	12MOD-0010	For Armrest, Add	32.28	
	12MOD-0011	For Aisle Panel, Add	79.60	
	12MOD-0012	For Epoxy Anchoring, Add	21.67	
12610-0005	EA	Molded Fiberglass Seating.....	286.74	28.61
	12MOD-0001	For < 25, Add	51.44	
	12MOD-0008	For > 100, Deduct	-30.90	
	12MOD-0009	For Table Arm Attachment, Add	53.46	
	12MOD-0010	For Armrest, Add	32.28	
	12MOD-0011	For Aisle Panel, Add	79.60	
	12MOD-0012	For Epoxy Anchoring, Add	21.67	
12610-0006	EA	Veneer Backed, Upholstered Seating.....	313.96	28.61
	12MOD-0001	For < 25, Add	58.78	
	12MOD-0008	For > 100, Deduct	-35.31	
	12MOD-0009	For Table Arm Attachment, Add	53.46	
	12MOD-0010	For Armrest, Add	32.28	
	12MOD-0011	For Aisle Panel, Add	79.60	
	12MOD-0012	For Epoxy Anchoring, Add	21.67	

12610-0007 Fixed Audience Seating Repair ⁽¹²⁶¹⁰⁾

12610-0008	EA	Replace Seat Part.....	95.20	
12610-0009	EA	Replace Center Armrest Part.....	45.31	
12610-0010	EA	Replace End Armrest Part.....	62.02	
12610-0011	EA	Replace Kick Plate Part.....	69.21	
12610-0012	EA	Replace Back Part.....	114.32	
12610-0013	EA	Replace Standard Part.....	88.39	
12610-0014	EA	Replace Back Bracket Part.....	38.19	
12610-0015	EA	Replace Seat Bracket Part.....	39.77	
12610-0016	EA	Secure Seat To Floor.....	37.13	
12610-0017	EA	Remove And Reinstall Existing Seat To Floor.....	43.67	
		Note: Includes drilling and fasteners		
	12MOD-0012	For Epoxy Anchoring, Add	21.67	
12610-0018	EA	Reupholster Auditorium Seat And Back.....	115.86	
		Note: Includes removal of existing upholstery.		

12700 Systems Furniture ⁽¹²⁰⁰⁰⁾

12760 Open Office Systems Furniture ⁽¹²⁷⁰⁰⁾

12760-0001 Open Office Systems Furniture Components ⁽¹²⁷⁶⁰⁾

		Note: Excludes electrical wire and wiring devices.		
12760-0002	EA	34H 24W Fabric Covered Panel - Component Systems Furniture.....	153.89	17.70
	12MOD-0005	For Tackable Acoustical Barrier Panel, Add	25.22	
	12MOD-0006	For Acoustical Panel, Add	27.42	
	12MOD-0007	For Enameled Surface, Deduct	-10.97	
12760-0003	EA	34H 30W Fabric Covered Panel - Component Systems Furniture.....	171.04	19.70
	12MOD-0005	For Tackable Acoustical Barrier Panel, Add	28.03	
	12MOD-0006	For Acoustical Panel, Add	30.47	
	12MOD-0007	For Enameled Surface, Deduct	-12.19	
12760-0004	EA	34H 36W Fabric Covered Panel - Component Systems Furniture.....	182.89	20.98
	12MOD-0005	For Tackable Acoustical Barrier Panel, Add	29.98	
	12MOD-0006	For Acoustical Panel, Add	32.59	
	12MOD-0007	For Enameled Surface, Deduct	-13.03	
12760-0005	EA	34H 48W Fabric Covered Panel - Component Systems Furniture.....	204.92	23.56
	12MOD-0005	For Tackable Acoustical Barrier Panel, Add	33.59	
	12MOD-0006	For Acoustical Panel, Add	36.51	
	12MOD-0007	For Enameled Surface, Deduct	-14.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12760-0006 EA 42H 24W Fabric Covered Panel - Component Systems Furniture.....	156.34	17.96
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	25.63	
12MOD-0006 For Acoustical Panel, Add	27.86	
12MOD-0007 For Enameled Surface, Deduct	-11.14	
12760-0007 EA 42H 30W Fabric Covered Panel - Component Systems Furniture.....	176.74	20.27
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	28.97	
12MOD-0006 For Acoustical Panel, Add	31.49	
12MOD-0007 For Enameled Surface, Deduct	-12.60	
12760-0008 EA 42H 36W Fabric Covered Panel - Component Systems Furniture.....	197.97	22.79
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	32.45	
12MOD-0006 For Acoustical Panel, Add	35.28	
12MOD-0007 For Enameled Surface, Deduct	-14.11	
12760-0009 EA 42H 48W Fabric Covered Panel - Component Systems Furniture.....	232.68	26.71
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	38.14	
12MOD-0006 For Acoustical Panel, Add	41.46	
12MOD-0007 For Enameled Surface, Deduct	-16.58	
12760-0010 EA 62H 12W Fabric Covered Panel - Component Systems Furniture.....	150.63	17.31
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	24.69	
12MOD-0006 For Acoustical Panel, Add	26.84	
12MOD-0007 For Enameled Surface, Deduct	-10.74	
12760-0011 EA 62H 24W Fabric Covered Panel - Component Systems Furniture.....	185.32	21.30
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	30.38	
12MOD-0006 For Acoustical Panel, Add	33.02	
12MOD-0007 For Enameled Surface, Deduct	-13.21	
12760-0012 EA 62H 36W Fabric Covered Panel - Component Systems Furniture.....	231.88	26.64
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	38.01	
12MOD-0006 For Acoustical Panel, Add	41.31	
12MOD-0007 For Enameled Surface, Deduct	-16.53	
12760-0013 EA 62H 48W Fabric Covered Panel - Component Systems Furniture.....	277.56	31.86
12MOD-0005 For Tackable Acoustical Barrier Panel, Add	45.50	
12MOD-0006 For Acoustical Panel, Add	49.46	
12MOD-0007 For Enameled Surface, Deduct	-19.78	
12760-0014 EA 34" Draw Rod Panel Connector Hardware	8.41	0.96
12760-0015 EA 42" Draw Rod Panel Connector Hardware	8.41	0.96
12760-0016 EA 62" Draw Rod Panel Connector Hardware	8.97	1.03
12760-0017 EA 34" Two-Way 90 Degree Panel Connector Hardware.....	38.66	4.45
12760-0018 EA 42" Two-Way 90 Degree Panel Connector Hardware.....	44.82	5.15
12760-0019 EA 62" Two-Way 90 Degree Panel Connector Hardware.....	51.55	5.92
12760-0020 EA 34" Three-Way 90 Degree Panel Connector Hardware	59.96	6.88
12760-0021 EA 42" Three-Way 90 Degree Panel Connector Hardware	69.48	7.98
12760-0022 EA 62" Three-Way 90 Degree Panel Connector Hardware	80.68	9.27
12760-0023 EA 34" Four-Way 90 Degree Panel Connector Hardware	75.64	8.69
12760-0024 EA 42" Four-Way 90 Degree Panel Connector Hardware	88.53	10.16
12760-0025 EA 62" Four-Way 90 Degree Panel Connector Hardware	106.45	12.23
12760-0026 EA 34" Panel End Cap Hardware.....	12.88	1.48
12760-0027 EA 42" Panel End Cap Hardware.....	14.56	1.68
12760-0028 EA 62" Panel End Cap Hardware.....	15.69	1.81
12760-0029 EA 28" Variable Height Panel End Filler.....	14.21	1.68
Note: Field cut to appropriate length.		
12760-0030 EA Two-Way Trim Cover For Cable Management Raceway.....	7.31	0.83
12760-0031 EA Three-Way Trim Cover For Cable Management Raceway	7.72	0.90
12760-0032 EA Four-Way Trim Cover For Cable Management Raceway	8.94	1.03
12760-0033 EA Finished End Trim Cover For Cable Management Raceway	7.31	0.83
12760-0034 EA 12" Cable Management Raceway Assembly	15.02	1.74
Note: Includes base plate, two side covers, and 2 side cover fillers.		
12760-0035 EA 24" Cable Management Raceway Assembly	17.07	1.93
Note: Includes base plate, two side covers, and 2 side cover fillers.		
12760-0036 EA 30" Cable Management Raceway Assembly	17.47	2.00
Note: Includes base plate, two side covers, and 2 side cover fillers.		
12760-0037 EA 36" Cable Management Raceway Assembly	19.50	2.25
Note: Includes base plate, two side covers, and 2 side cover fillers.		
12760-0038 EA 48" Cable Management Raceway Assembly	21.93	2.51
Note: Includes base plate, two side covers, and 2 side cover fillers.		
12760-0039 EA 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	117.96	13.52
12760-0040 EA 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	145.32	16.67
12760-0041 EA 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	137.15	15.76
12760-0042 EA 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	171.46	19.70
12760-0043 EA 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	173.07	19.89
12760-0044 EA 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	217.99	25.10
12760-0045 EA 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	210.21	24.13
12760-0046 EA 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	264.09	30.31
12760-0047 EA 30" x 60" Radiused Edge Table	469.14	53.93
12760-0048 EA 30" x 72" Radiused Edge Table	512.70	58.95
12760-0049 EA 14" x 24" Radiused Edge Transaction Surface	56.33	6.50
12760-0050 EA 14" x 36" Radiused Edge Transaction Surface	64.08	7.33
12760-0051 EA 14" x 48" Radiused Edge Transaction Surface	71.84	8.24
12760-0052 EA 14" x 60" Radiused Edge Transaction Surface	89.40	10.29
12760-0053 EA 14" x 72" Radiused Edge Transaction Surface	107.35	12.36
12760-0054 EA 14" Right Angle Corner Transaction Surface	187.78	21.56
12760-0055 EA Transaction Surface Support	14.87	1.71
12760-0056 EA Plastic Pencil Drawer.....	16.11	1.68
12760-0057 EA 15-1/2" x 24" Hanging Shelf.....	54.84	6.31
12760-0058 EA 15-1/2" x 36" Hanging Shelf.....	59.72	6.82
12760-0059 EA 15-1/2" x 48" Hanging Shelf.....	63.77	7.33

12000 Furnishings**12700 Systems Furniture****12760 Open Office Systems Furniture**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12760-0060	EA	24" Flipper Door - Top And Front Closure..... Note: Used with hanging shelf.	94.64	10.88
12760-0061	EA	36" Flipper Door - Top And Front Closure..... Note: Used with hanging shelf.	110.48	12.74
12760-0062	EA	48" Flipper Door - Top And Front Closure..... Note: Used with hanging shelf.	126.74	14.55
12760-0063	EA	24" Suspended Lateral File, Lockable.....	326.20	37.30
12760-0064	EA	30" Suspended Lateral File, Lockable.....	344.52	39.39
12760-0065	EA	36" Suspended Lateral File, Lockable.....	363.51	41.56
12760-0066	EA	48" Suspended Lateral File, Lockable.....	397.58	45.46
12760-0067	EA	Fully Adjustable Vinyl Keyboard Tray	147.86	16.99
12760-0068	EA	Palm Rest For Vinyl Keyboard Tray.....	23.15	2.70
12760-0069	EA	24" x 36" Radiused Edge Corner Work Surface.....	186.81	21.49
12760-0070	EA	File Drawer Organizer.....	60.13	6.88
12760-0071	EA	Suspended Lateral File Converter Bracket	12.99	1.48
12760-0072	EA	Utility Task Light.....	64.99	7.47
12760-0073 Disassemble And Store Systems Furniture Components <small>(12760)</small>				
12760-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel	22.11	
12760-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel	24.58	
12760-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel	26.28	
12760-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel	29.45	
12760-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel	22.47	
12760-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel	25.41	
12760-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel	28.46	
12760-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel	33.44	
12760-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel	21.64	
12760-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel	26.63	
12760-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel	33.32	
12760-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel	39.90	
12760-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.20	
12760-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.20	
12760-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.28	
12760-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	5.56	
12760-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	6.44	
12760-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	7.41	
12760-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	8.62	
12760-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	9.98	
12760-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	11.60	
12760-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	10.87	
12760-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	12.72	
12760-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	15.30	
12760-0098	EA	Disassemble And Store 34" Panel End Cap Hardware.....	1.86	
12760-0099	EA	Disassemble And Store 42" Panel End Cap Hardware.....	2.10	
12760-0100	EA	Disassemble And Store 62" Panel End Cap Hardware.....	2.26	
12760-0101	EA	Disassemble And Store Variable Height Panel End Filler	2.05	
12760-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.05	
12760-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.11	
12760-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.28	
12760-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.05	
12760-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly	2.16	
12760-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly	2.45	
12760-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly	2.51	
12760-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly	2.80	
12760-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly	3.15	
12760-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	16.96	
12760-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	20.88	
12760-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	19.72	
12760-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	24.64	
12760-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	24.87	
12760-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	31.33	
12760-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	30.21	
12760-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	37.96	
12760-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table.....	58.62	
12760-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table.....	73.67	
12760-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface.....	8.10	
12760-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface.....	9.21	
12760-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface.....	10.32	
12760-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface.....	12.84	
12760-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface.....	15.43	
12760-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface.....	26.99	
12760-0127	EA	Disassemble And Store Transaction Surface Support.....	2.13	
12760-0128	EA	Disassemble And Store Plastic Pencil Drawer.....	2.11	
12760-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf.....	7.89	
12760-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf.....	8.58	
12760-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf.....	9.17	
12760-0132	EA	Disassemble And Store 24" Flipper Door And Shelf.....	13.61	
12760-0133	EA	Disassemble And Store 36" Flipper Door And Shelf.....	15.88	
12760-0134	EA	Disassemble And Store 48" Flipper Door And Shelf.....	18.21	
12760-0135	EA	Disassemble And Store 24" Suspended Lateral File	46.62	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12760-0136	EA	Disassemble And Store 30" Suspended Lateral File	49.24	
12760-0137	EA	Disassemble And Store 36" Suspended Lateral File	51.96	
12760-0138	EA	Disassemble And Store 48" Suspended Lateral File	56.82	
12760-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray.....	21.25	
12760-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	26.85	
12760-0141	EA	Disassemble And Store Utility Task Light.....	9.34	
12760-0142	Reconfigure Systems Furniture Components <small>(12760)</small>			
12760-0143	EA	Reconfigure 34H 24W Fabric Covered Panel	23.58	
12760-0144	EA	Reconfigure 34H 30W Fabric Covered Panel.....	26.21	
12760-0145	EA	Reconfigure 34H 36W Fabric Covered Panel.....	28.02	
12760-0146	EA	Reconfigure 34H 48W Fabric Covered Panel.....	31.41	
12760-0147	EA	Reconfigure 42H 24W Fabric Covered Panel.....	23.95	
12760-0148	EA	Reconfigure 42H 30W Fabric Covered Panel.....	27.08	
12760-0149	EA	Reconfigure 42H 36W Fabric Covered Panel.....	30.33	
12760-0150	EA	Reconfigure 42H 48W Fabric Covered Panel.....	35.65	
12760-0151	EA	Reconfigure 62H 12W Fabric Covered Panel.....	23.08	
12760-0152	EA	Reconfigure 62H 24W Fabric Covered Panel.....	28.40	
12760-0153	EA	Reconfigure 62H 36W Fabric Covered Panel.....	35.53	
12760-0154	EA	Reconfigure 62H 48W Fabric Covered Panel.....	42.53	
12760-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.28	
12760-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.28	
12760-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.37	
12760-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	5.92	
12760-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	6.87	
12760-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	7.90	
12760-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware.....	9.19	
12760-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	10.65	
12760-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware.....	12.36	
12760-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware.....	11.59	
12760-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware.....	13.57	
12760-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware.....	16.32	
12760-0167	EA	Reconfigure 34" Panel End Cap Hardware.....	1.98	
12760-0168	EA	Reconfigure 42" Panel End Cap Hardware.....	2.23	
12760-0169	EA	Reconfigure 62" Panel End Cap Hardware.....	2.41	
12760-0170	EA	Reconfigure Variable Height Panel End Filler.....	2.18	
12760-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.12	
12760-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway.....	1.18	
12760-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.36	
12760-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway.....	1.12	
12760-0175	EA	Reconfigure 12" Cable Management Raceway Assembly.....	2.31	
12760-0176	EA	Reconfigure 24" Cable Management Raceway Assembly.....	2.62	
12760-0177	EA	Reconfigure 30" Cable Management Raceway Assembly.....	2.68	
12760-0178	EA	Reconfigure 36" Cable Management Raceway Assembly.....	2.99	
12760-0179	EA	Reconfigure 48" Cable Management Raceway Assembly.....	3.36	
12760-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	18.08	
12760-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	22.27	
12760-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	21.02	
12760-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	26.27	
12760-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	26.52	
12760-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	33.40	
12760-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	32.21	
12760-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	40.47	
12760-0188	EA	Reconfigure 30" x 60" Radiused Edge Table.....	71.89	
12760-0189	EA	Reconfigure 30" x 72" Radiused Edge Table.....	78.57	
12760-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface.....	8.63	
12760-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface.....	9.82	
12760-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface.....	11.01	
12760-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface.....	13.70	
12760-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface.....	16.45	
12760-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface.....	28.78	
12760-0196	EA	Reconfigure Transaction Surface Support.....	2.28	
12760-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf.....	8.41	
12760-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf.....	9.15	
12760-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf.....	9.77	
12760-0200	EA	Reconfigure 24" Flipper Door And Shelf.....	14.50	
12760-0201	EA	Reconfigure 36" Flipper Door And Shelf.....	16.93	
12760-0202	EA	Reconfigure 48" Flipper Door And Shelf.....	19.43	
12760-0203	EA	Reconfigure 24" Suspended Lateral File	49.73	
12760-0204	EA	Reconfigure 30" Suspended Lateral File	52.52	
12760-0205	EA	Reconfigure 36" Suspended Lateral File	55.42	
12760-0206	EA	Reconfigure 48" Suspended Lateral File	60.62	
12760-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	28.63	

12

12000 Furnishings

12700 Systems Furniture

12760 Open Office Systems Furniture



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

END OF SECTION 12



	Furnishings	12000	12
	Systems Furniture	12700	
	Open Office Systems Furniture	12760	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12000 Furnishings

12700 Systems Furniture

12760 Open Office Systems Furniture



MINOR	DESCRIPTION
CSI	UOM

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13000 Special Construction

13030 Special Purpose Room (13000)

13061 Kiosks (13030)

13061-0001 Customer's Assistant Kiosk (13061)

Note: Based on SF of kiosks. Complete kiosk modular enclosure, in-place, structurally independent and self contained. Stainless steel.

13061-0002	CF	Round Kiosk With 1/4" Fiberglass Wall, (Based On 5' Diameter x 8' High)	32.83
13061-0003	CF	Round Kiosk, With 1" Insulated Fiberglass Double Wall, (Based On 5' Diameter x 8' High).....	36.90
13061-0004	CF	Rectangular Kiosk, With 1/4" Fiberglass Wall, (Based On 5' x 9' x 7'-6" High)	22.16
13061-0005	CF	Rectangular Kiosk, With 1" Insulated Fiberglass Double Wall	26.63
		Note: Based on 5'x9'x7'-6" high.	
13061-0006	CF	Octagonal Kiosk, With 1/4" Fiberglass Wall,.....	25.46
		Note: Based on 9' wide x 8' high.	
13061-0007	CF	Octagonal Kiosk, With 1" Insulated Fiberglass Double Wall	30.36
		Note: Based on 9' wide x 8' high.	

13080 Sound, Vibration, Seismic Control (13000)

13085 Seismic Control (13080)

13085-0001 Seismic Bracing Assembly (13085)

13085-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace.....	127.55
		Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	
13085-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener	87.98
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors	
13085-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener	132.09
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors	
13085-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener	171.32
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors	
13085-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener.....	171.68
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors	
13085-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener.....	255.21
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors	
13085-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener.....	338.73
		Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors	
13085-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener	103.55
		Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors	
13085-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener	153.02
		Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors	
13085-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener	202.48
		Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors	

13085-0012 Seismic Brace Components (13085)

13085-0013	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-1.....	17.06
		Note: To be used with 7x19 stranded cable.	
13085-0014	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-2.....	23.13
		Note: To be used with 7x19 stranded cable.	
13085-0015	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-3.....	30.42
		Note: To be used with 7x19 stranded cable.	
13085-0016	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-4.....	41.34
		Note: To be used with 7x19 stranded cable.	
13085-0017	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-1	16.07
		Note: To be used with angle or channel.	
13085-0018	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-2	21.41
		Note: To be used with angle or channel.	
13085-0019	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-3	27.90
		Note: To be used with angle or channel.	
13085-0020	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-4	37.44
		Note: To be used with angle or channel.	
13085-0021	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-1	19.31
		Note: To be used with 7x19 stranded cable.	
13085-0022	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-2	25.23
		Note: To be used with 7x19 stranded cable.	
13085-0023	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-3	34.77
		Note: To be used with 7x19 stranded cable.	
13085-0024	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-1.....	33.24
		Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	
13085-0025	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-2.....	46.41
		Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	
13085-0026	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-3.....	63.02
		Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	
13085-0027	EA	Seismic Rod Clamp; Mason SRC-1	14.22
		Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	
13085-0028	EA	Seismic Rod Clamp; Mason SRC-1 1/2.....	17.28
		Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13085-0029	EA	Seismic Rod Clamp; Mason SRC-2.....	21.48	
Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.				

13120 Pre-Engineered Structures (13000)

13121 Prefabricated Buildings And Trailers (13120)

Note: Includes material, delivery to site, factory design analysis and report, shop drawings and assembly of building on site. Tie down with hurricane anchors on approved foundation. Excludes utility hook-ups and foundation.

13121-0001 Prefabricated Signal, Communication Or Electrical Building (13121)

Note: Complete, includes door, roof, lights and wiring, insulation, painted.

13121-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	507.16	
13121-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	434.94	
13121-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	348.08	
13121-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	275.47	
13121-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	246.26	

13121-0007 Relocate Trailer Within 5 Miles (13121)

Note: Includes removal of tie-downs and underpins. Set-up tie-downs.

13121-0008	EA	Relocate Single Trailer Within 5 Miles	844.83	
13121-0009	SF	Install Under-Pinning.....	2.34	

13121-0010 Temporary Trailers 1 To 6 Years Life (13121)

Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.

13121-0011	SF	Single Trailer Up To 14' x 73'.....	31.13	
		13MOD-0078 For Each Delivery And Set-Up (Block And Level), Add	1,167.11	
		13MOD-0079 For Each Knock-Down And Pick-Up, Add	887.11	
		13MOD-0080 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
13121-0012	SF	Modular Trailers, Connected.....	43.59	
		13MOD-0080 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
		13MOD-0081 For Each Delivery And Set-Up (Block And Level), Add	2,577.25	
		13MOD-0082 For Each Knock-Down And Pick-Up, Add	1,927.25	
13121-0013	EA	Add Per Additional Exterior Door With Frame And Hardware	467.00	

13121-0014 Semi Permanent Modular Transportable Buildings (13121)

13121-0015	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	46.39	
		13MOD-0080 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
		13MOD-0081 For Each Delivery And Set-Up (Block And Level), Add	2,577.25	
		13MOD-0082 For Each Knock-Down And Pick-Up, Add	1,927.25	
13121-0016	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room.....	47.76	
		13MOD-0080 For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
		13MOD-0081 For Each Delivery And Set-Up (Block And Level), Add	2,577.25	
		13MOD-0082 For Each Knock-Down And Pick-Up, Add	1,927.25	

13121-0017 Accessories (13121)

13121-0018 Skirting (13121-0017)

Note: Includes 2" x 4" wood framing 16" on center.

13121-0019 Vinyl Covered, Exterior Only (13121-0018)

13121-0020	SF	1'-8" High Vinyl Covered Skirt.....	2.76	1.11
13121-0021	SF	3' High Vinyl Covered Skirt	4.11	1.82

13121-0022 Fiberglass, Exterior Only (13121-0018)

13121-0023	SF	1'-8" High Fiberglass Skirt.....	5.14	2.08
13121-0024	SF	3' High Fiberglass Skirt	6.00	2.54

13121-0025 Plywood, Exterior Only (13121-0018)

13121-0026	SF	1'-8" High 5/8" Plywood Skirt	4.84	2.21
13121-0027	SF	3' High 5/8" Plywood Skirt	5.74	2.67

13121-0028 Steel, Painted, Exterior Only (13121-0018)

13121-0029	SF	1'-8" High 26 Gauge Steel Skirt	5.43	2.08
13121-0030	SF	3' High 26 Ga. Steel Skirt	6.33	2.54

13121-0031 14" x 14" Access Hatch (13121-0017)

Note: Simple design

13121-0032	EA	14" x 14" Vinyl Covered Access Hatch	136.07	48.78
13121-0033	EA	14" x 14" Fiberglass Access Hatch	121.41	48.78
13121-0034	EA	14" x 14" Plywood Access Hatch	135.19	48.78



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13121-0035	EA	14" x 14" 26 Gauge Steel Access Hatch.....	135.91	48.78
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13280 Hazardous Material Remediation (13000)

13281 Asbestos Abatement (13280)

Note: Tasks include materials, equipment (e.g. ladders, high volume vacuum with sound suppression system where required, etc.), mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, storage, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, fees, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there are tasks with a unit of measure of EA for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 02119-0000 for hauling in excess of 25 miles to transfer or disposal site, 13289-0002 for solid isolation barriers, 13289-0015 for plastic sheeting for containment construction, 13289-0019 for decontamination chambers.

13281-0001 Pipe And Pipe Fittings Insulation (13281)

13281-0002 Pipe Insulation (13281-0001)

Note: Diameter is outer size of insulation. Treat fittings as additional lf of insulation.

13281-0003 Pipe Insulation, Up To 6" Diameter (13281-0002)

See CSI section 13281-0017 for projects with less than 10 LF.

13281-0004	EA	10 To 20 LF Pipe Insulation, Up To 6" Diameter.....	513.19	
13281-0005	LF	21 To 250 LF Pipe Insulation, Up To 6" Diameter.....	26.24	
13281-0006	LF	251 To 500 LF Pipe Insulation, Up To 6" Diameter.....	19.68	
13281-0007	LF	501 To 2500 LF Pipe Insulation, Up To 6" Diameter.....	14.76	
13281-0008	LF	2501 To 10000 LF Pipe Insulation, Up To 6" Diameter.....	11.07	
13281-0009	LF	Over 10000 LF Pipe Insulation, Up To 6" Diameter.....	9.63	

13281-0010 Pipe Insulation, Greater Than 6" Diameter (13281-0002)

See CSI section 13281-0017 for projects with less than 10 LF.

13281-0011	EA	10 To 20 LF Pipe Insulation, > 6" Diameter.....	513.19	
13281-0012	LF	21 To 250 LF Pipe Insulation, > 6" Diameter.....	30.18	
13281-0013	LF	251 To 500 LF Pipe Insulation, > 6" Diameter.....	22.63	
13281-0014	LF	501 To 2500 LF Pipe Insulation, > 6" Diameter.....	16.98	
13281-0015	LF	2501 To 10000 LF Pipe Insulation, > 6" Diameter.....	12.72	
13281-0016	LF	Over 10000 LF Pipe Insulation, > 6" Diameter.....	11.07	

13281-0017 Pipe Insulation, Glove Bag Method (13281-0002)

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

13281-0018	EA	Glove Bag for First 3 LF Pipe Insulation.....	557.53	
13281-0019	LF	Additional Glove Bag Work for Pipe Insulation.....	82.59	

13281-0020 Other Thermal Insulation (13281)

13281-0021 Other Thermal Insulation (13281-0020)

Note: e.g. duct, boiler, tank, etc.

13281-0022	EA	< 10 SF Other Thermal Insulation, Up To 3" Thickness.....	513.19	
13281-0023	SF	10 To 500 SF Other Thermal Insulation, Up To 3" Thickness.....	26.24	
13281-0024	SF	501 To 2500 SF Other Thermal Insulation, Up To 3" Thickness.....	20.67	
13281-0025	SF	2501 To 10000 SF Other Thermal Insulation, Up To 3" Thickness.....	15.50	
13281-0026	SF	Over 10000 SF Other Thermal Insulation, Up To 3" Thickness.....	11.62	

13281-0027 Surfacing Material (13281)

13281-0028 Fireproofing (13281-0027)

Note: Exposed surface area, includes associated overspray

13281-0029	EA	< 10 SF Fireproofing.....	513.19	
13281-0030	SF	10 To 500 SF Fireproofing.....	31.48	
13281-0031	SF	501 To 2500 SF Fireproofing.....	23.60	
13281-0032	SF	2501 To 10000 SF Fireproofing.....	17.71	
13281-0033	SF	Over 10000 SF Fireproofing.....	13.28	

13281-0034 Acoustical Plaster (13281-0027)

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

13281-0035	EA	< 10 SF Acoustical Plaster.....	513.19	
13281-0036	SF	10 To 500 SF Acoustical Plaster.....	13.15	
13281-0037	SF	501 To 2500 SF Acoustical Plaster.....	9.95	
13281-0038	SF	2501 To 10000 SF Acoustical Plaster.....	7.37	
13281-0039	SF	Over 10000 SF Acoustical Plaster.....	5.46	

13281-0040 Gypsum Wall Board (13281-0027)

13281-0041	EA	< 10 SF Gypsum Wall Board.....	513.19	
13281-0042	SF	10 To 500 SF Gypsum Wall Board.....	10.11	

13000 Special Construction
13280 Hazardous Material Remediation
13281 Asbestos Abatement



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13281-0043 SF 501 To 2500 SF Gypsum Wall Board	7.37	
13281-0044 SF 2501 To 10000 SF Gypsum Wall Board	5.78	
13281-0045 SF 10001 To 50000 SF Gypsum Wall Board	4.49	
13281-0046 SF Over 50000 SF Gypsum Wall Board.....	3.21	
13281-0047 Stucco <small>(13281-0027)</small>		
13281-0048 EA < 10 SF Stucco	513.19	
13281-0049 SF 10 To 500 SF Stucco	22.31	
13281-0050 SF 501 To 2500 SF Stucco	16.73	
13281-0051 SF 2501 To 10000 SF Stucco	12.55	
13281-0052 SF Over 10000 SF Stucco.....	9.41	
13281-0053 Spray On Acoustical Ceiling <small>(13281-0027)</small>		
13281-0054 EA < 10 SF Spray On Acoustical Ceiling.....	513.19	
13281-0055 SF 10 To 500 SF Spray On Acoustical Ceiling.....	8.55	
13281-0056 SF 501 To 2500 SF Spray On Acoustical Ceiling.....	6.41	
13281-0057 SF 2501 To 10000 SF Spray On Acoustical Ceiling.....	4.81	
13281-0058 SF Over 10000 SF Spray On Acoustical Ceiling	3.60	
13281-0059 Flooring Material <small>(13281)</small>		
13281-0060 Floor Tile, Linoleum, Carpet Or Base <small>(13281-0059)</small>		
13281-0061 Floor Tile Or Linoleum <small>(13281-0060)</small>		
Note: Single layer or first of multiple layers		
13281-0062 EA < 10 SF Floor Tile Or Linoleum, Single Layer Or Multiple Layers.....	513.19	
13281-0063 SF 10 To 500 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers	5.25	
13MOD-0001 For Each Additional Layer, Add	1.31	
13281-0064 SF 501 To 2500 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers	3.28	
13MOD-0001 For Each Additional Layer, Add	0.82	
13281-0065 SF 2501 To 10000 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers	1.89	
13MOD-0001 For Each Additional Layer, Add	0.47	
13281-0066 SF Over 10000 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers.....	1.14	
13MOD-0001 For Each Additional Layer, Add	0.29	
13281-0067 Carpet <small>(13281-0060)</small>		
13281-0068 EA < 10 SF Carpet, Commercial Grade, Non-Friable Asbestos Removal And Disposal	513.19	
13281-0069 SF 10 To 500 SF Carpet, Commercial Grade, Non-Friable Asbestos Removal And Disposal	4.07	
13281-0070 SF 501 To 2500 SF Carpet, Commercial Grade, Non-Friable Asbestos Removal And Disposal	2.52	
13281-0071 SF 2501 To 10000 SF Carpet, Commercial Grade, Non-Friable Asbestos Removal And Disposal	1.49	
13281-0072 SF Over 10000 SF Carpet, Commercial Grade, Non-Friable Asbestos Removal And Disposal	1.01	
13281-0073 Wall Or Cove Base <small>(13281-0060)</small>		
Note: Up to 12"		
13281-0074 EA < 10 LF Wall Base And Mastic.....	192.44	
13281-0075 LF 10 To 100 LF Wall Base And Mastic.....	3.42	
13281-0076 LF 101 To 500 LF Wall Base And Mastic.....	2.06	
13281-0077 LF 501 To 2500 LF Wall Base And Mastic.....	1.29	
13281-0078 LF Over 2500 LF Wall Base And Mastic	0.90	
13281-0079 Mastix <small>(13281-0059)</small>		
Note: Applies to bottom layer only, if multiple layers. Non hydrocarbon with pine, citrus or no odor.		
13281-0080 EA < 10 SF Mastix, Single Or Multiple Layers.....	513.19	
13281-0081 SF 10 To 500 SF Mastix, Applies To Bottom Layer Only, If Multiple Layers	1.31	
13281-0082 SF 501 To 2500 SF Mastix, Applies To Bottom Layer Only, If Multiple Layers	0.65	
13281-0083 SF 2501 To 10000 SF Mastix, Applies To Bottom Layer Only, If Multiple Layers	0.44	
13281-0084 SF Over 10000 SF Mastix, Applies To Bottom Layer Only, If Multiple Layers.....	0.23	
13281-0085 Hard Wood Flooring System with Asbestos Barrier Paper Backing Removal <small>(13281-0059)</small>		
Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of crawl space from contamination.		
13281-0086 EA < 10 SF Hard Wood Flooring System with Asbestos Barrier Paper Backing Removal	513.19	
13281-0087 SF 10 To 500 SF Hard Wood Flooring System with Asbestos Barrier Paper Backing Removal	6.07	
13281-0088 SF 501 To 2500 SF Hard Wood Flooring System with Asbestos Barrier Paper Backing Removal	4.43	
13281-0089 SF 2501 To 10000 SF Hard Wood Flooring System with Asbestos Barrier Paper Backing Removal	3.46	
13281-0090 SF Over 10000 SF Hard Wood Flooring System with Asbestos Barrier Paper Backing Removal.....	2.69	
13281-0091 Roofing <small>(13281)</small>		
13281-0092 Built-Up Tar And Felt Roofing <small>(13281-0091)</small>		
Note: Includes paint, flashing, sheet metal, insulation, pitch pockets, etc.		
13281-0093 Built-Up Tar And Felt Roofing, Up To 2" Average Thickness <small>(13281-0092)</small>		
13281-0094 EA < 125 SF Built-up Tar And Felt Roofing, Up To 2" Average Thickness.....	513.19	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13281-0095	SF	125 To 1000 SF Built-up Tar And Felt Roofing, Up To 2" Average Thickness.....	4.10	
13281-0096	SF	1001 To 5000 SF Built-up Tar And Felt Roofing, Up To 2" Average Thickness.....	3.28	
13281-0097	SF	5001 To 10000 SF Built-up Tar And Felt Roofing, Up To 2" Average Thickness.....	2.63	
13281-0098	SF	10001 To 20000 SF Built-up Tar And Felt Roofing, Up To 2" Average Thickness.....	1.97	
13281-0099	SF	Over 20000 SF Built-up Tar And Felt Roofing, Up To 2" Average Thickness.....	1.48	
13281-0100		Built-Up Tar And Felt Roofing, Greater Than 2" Average Thickness (13281-0092)		
13281-0101	EA	< 110 SF Built-up Tar And Felt Roofing, > 2" Average Thickness	513.19	
13281-0102	SF	110 To 1000 SF Built-up Tar And Felt Roofing, > 2" Average Thickness	4.67	
13281-0103	SF	1001 To 5000 SF Built-up Tar And Felt Roofing, > 2" Average Thickness	3.72	
13281-0104	SF	5001 To 10000 SF Built-up Tar And Felt Roofing, > 2" Average Thickness	3.00	
13281-0105	SF	10001 To 20000 SF Built-up Tar And Felt Roofing, > 2" Average Thickness	2.25	
13281-0106	SF	Over 20000 SF Built-up Tar And Felt Roofing, > 2" Average Thickness.....	1.68	
13281-0107		Shingles And Felt Roofing (13281-0091)		
13281-0108		Shingles And Felt Roofing (13281-0107)		
13281-0109	EA	< 125 SF Shingles And Felt Roofing..... Note: Single or first of multiple layers.	513.19	
13281-0110	SF	125 To 1000 SF Shingles And Felt Roofing..... Note: Single or first of multiple layers.	4.11	
		<i>13MOD-0002 For Each Additional Layer, Add</i>	1.03	
13281-0111	SF	1001 To 5000 SF Shingles And Felt Roofing..... Note: Single or first of multiple layers.	3.28	
		<i>13MOD-0002 For Each Additional Layer, Add</i>	0.82	
13281-0112	SF	5001 To 10000 SF Shingles And Felt Roofing..... Note: Single or first of multiple layers.	2.63	
		<i>13MOD-0002 For Each Additional Layer, Add</i>	0.66	
13281-0113	SF	10001 To 20000 SF Shingles And Felt Roofing..... Note: Single or first of multiple layers.	1.97	
		<i>13MOD-0002 For Each Additional Layer, Add</i>	0.49	
13281-0114	SF	Over 20000 SF Shingles And Felt Roofing..... Note: Single or first of multiple layers.	1.48	
		<i>13MOD-0002 For Each Additional Layer, Add</i>	0.37	
13281-0115		Asbestos-Cement Products (13281)		
13281-0116		Interior Asbestos-Cement Board (13281-0115)		
		Note: Includes detachment of mounted objects before removal.		
13281-0117	EA	< 10 SF Asbestos-Cement Board, Interior, Including Detachment Of Mounted Objects Before Removal	513.19	
13281-0118	SF	10 To 500 SF Asbestos-Cement Board, Interior, Including Detachment Of Mounted Objects Before Removal	5.25	
13281-0119	SF	501 To 2500 SF Asbestos-Cement Board, Interior, Including Detachment Of Mounted Objects Before Removal	2.63	
13281-0120	SF	2501 To 10000 SF Asbestos-Cement Board, Interior, Including Detachment Of Mounted Objects Before Removal	2.10	
13281-0121	SF	Over 10000 SF Asbestos-Cement Board, Interior, Including Detachment Of Mounted Objects Before Removal.....	1.82	
13281-0122		Exterior Asbestos-Cement Board (13281-0115)		
13281-0123	EA	< 10 SF Asbestos-cement Board, Exterior.....	513.19	
13281-0124	SF	10 To 500 SF Asbestos-cement Board, Exterior.....	4.56	
13281-0125	SF	501 To 2500 SF Asbestos-cement Board, Exterior.....	2.34	
13281-0126	SF	2501 To 10000 SF Asbestos-cement Board, Exterior.....	1.87	
13281-0127	SF	Over 10000 SF Asbestos-cement Board, Exterior	1.62	
13281-0128		Asbestos-Cement Pipe, Up To 12" Diameter (13281-0115)		
13281-0129	EA	< 10 LF Asbestos-cement Pipe, Up To 12" Diameter	513.19	
13281-0130	LF	10 To 100 LF Asbestos-cement Pipe, Up To 12" Diameter	26.24	
13281-0131	LF	101 To 250 LF Asbestos-cement Pipe, Up To 12" Diameter	19.68	
13281-0132	LF	251 To 500 LF Asbestos-cement Pipe, Up To 12" Diameter	14.76	
13281-0133	LF	501 To 2500 LF Asbestos-cement Pipe, Up To 12" Diameter	11.07	
13281-0134	LF	2501 To 10000 LF Asbestos-cement Pipe, Up To 12" Diameter	8.31	
13281-0135	LF	Over 10000 LF Asbestos-cement Pipe, Up To 12" Diameter.....	8.11	
13281-0136		Exterior Transite Siding (13281-0115)		
13281-0137	EA	< 125 SF Transite Siding	513.19	
		Note: Single or first of multiple layers.		
13281-0138	SF	125 To 1000 SF Transite Siding	4.11	
		Note: Single or first of multiple layers.		
13281-0139	SF	1001 To 5000 SF Transite Siding	3.28	
		Note: Single or first of multiple layers.		
13281-0140	SF	5001 To 10000 SF Transite Siding	2.63	
		Note: Single or first of multiple layers.		
13281-0141	SF	10001 To 20000 SF Transite Siding	1.97	
		Note: Single or first of multiple layers.		
13281-0142	SF	Over 20000 SF Transite Siding.....	1.48	
		Note: Single or first of multiple layers.		



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

13281-0143	Asbestos Contaminated Debris ⁽¹³²⁸¹⁾	
13281-0144	Asbestos Contaminated Debris Collection And Disposal ⁽¹³²⁸¹⁻⁰¹⁴³⁾	
13281-0145	EA < 10 CF Asbestos Contaminated Debris Collection And Disposal	513.19
13281-0146	CF 10 To 100 CF Asbestos Contaminated Debris Collection And Disposal	51.03
13281-0147	CF 101 To 250 CF Asbestos Contaminated Debris Collection And Disposal	34.02
13281-0148	CF 251 To 500 CF Asbestos Contaminated Debris Collection And Disposal	25.55
13281-0149	CF 501 To 2500 CF Asbestos Contaminated Debris Collection And Disposal	20.41
13281-0150	CF 2501 To 10000 CF Asbestos Contaminated Debris Collection And Disposal	17.35
13281-0151	CF Over 10000 CF Asbestos Contaminated Debris Collection And Disposal	15.61
13281-0152	Other Asbestos Containing Materials ⁽¹³²⁸¹⁾	
13281-0153	Fire Door, 30" To 36" ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
13281-0154	EA < 5 EA Fire Door, 30" To 36"	102.64
13281-0155	EA 5 To 20 EA Fire Door, 30" To 36"	39.36
13281-0156	EA Over 20 EA Fire Door, 30" To 36"	26.24
13281-0157	HVAC Duct Flexible Connector, Web Cloth ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
13281-0158	EA < 10 LF HVAC Duct Flexible Connector (Web Cloth)	256.59
13281-0159	LF 10 To 50 LF HVAC Duct Flexible Connector (Web Cloth)	5.25
13281-0160	LF 51 To 100 LF HVAC Duct Flexible Connector (Web Cloth)	3.93
13281-0161	LF 101 To 250 LF HVAC Duct Flexible Connector (Web Cloth)	3.39
13281-0162	LF 251 To 1000 LF HVAC Duct Flexible Connector (Web Cloth)	2.92
13281-0163	LF 1001 To 2500 LF HVAC Duct Flexible Connector (Web Cloth)	2.50
13281-0164	LF Over 2500 LF HVAC Duct Flexible Connector (Web Cloth)	2.15
13281-0165	Grout ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
	Note: e.g. flue grout	
13281-0166	EA < 10 LF Grout (e.g. Flue Grout)	192.44
13281-0167	LF 10 To 50 LF Grout (e.g. Flue Grout)	10.11
13281-0168	LF 51 To 100 LF Grout (e.g. Flue Grout)	6.96
13281-0169	LF 101 To 250 LF Grout (e.g. Flue Grout)	5.96
13281-0170	LF 251 To 1000 LF Grout (e.g. Flue Grout)	5.11
13281-0171	LF 1001 To 2500 LF Grout (e.g. Flue Grout)	4.41
13281-0172	LF Over 2500 LF Grout (e.g. Flue Grout)	3.78
13281-0173	Gaskets ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
	Note: e.g. rope, web cloth, flat	
13281-0174	EA < 10 LF Gaskets (e.g. Rope, Web Cloth, Flat)	192.44
13281-0175	LF 10 To 50 LF Gaskets (e.g. Rope, Web Cloth, Flat)	13.61
13281-0176	LF 51 To 250 LF Gaskets (e.g. Rope, Web Cloth, Flat)	10.20
13281-0177	LF 251 To 500 LF Gaskets (e.g. Rope, Web Cloth, Flat)	8.69
13281-0178	LF 501 To 1500 LF Gaskets (e.g. Rope, Web Cloth, Flat)	7.82
13281-0179	LF 1501 To 2500 LF Gaskets (e.g. Rope, Web Cloth, Flat)	7.03
13281-0180	LF Over 2500 LF Gaskets (e.g. Rope, Web Cloth, Flat)	6.69
13281-0181	Ceiling Tile Including Glue Removal ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
	Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'	
13281-0182	EA < 50 SF Ceiling Tile	513.19
13281-0183	SF 50 To 1000 SF Ceiling Tile	10.90
13281-0184	SF 1001 To 2500 SF Ceiling Tile	5.25
13281-0185	SF 2501 To 10000 SF Ceiling Tile	3.55
13281-0186	SF Over 10000 SF Ceiling Tile	3.01
13281-0187	Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing Removal ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
	Note: Includes ceiling tile, asbestos barrier paper, and furring strips.	
13281-0188	EA < 50 SF Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing Removal	513.19
13281-0189	SF 50 To 1000 SF Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing Removal	10.90
13281-0190	SF 1001 To 2500 SF Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing Removal	5.25
13281-0191	SF 2501 To 10000 SF Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing Removal	3.55
13281-0192	SF Over 10000 SF Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing Removal	3.01
13281-0193	Caulking ⁽¹³²⁸¹⁻⁰¹⁵²⁾	
	Note: Also used for PCB contamination.	
13281-0194	Caulking ⁽¹³²⁸¹⁻⁰¹⁹³⁾	
13281-0195	EA < 10 LF Asbestos Caulking, Non-Friable Asbestos	192.44
13281-0196	LF 10 To 50 LF Asbestos Caulking, Non-Friable Asbestos	3.78
13281-0197	LF 51 To 100 LF Asbestos Caulking, Non-Friable Asbestos	2.67
13281-0198	LF 101 To 250 LF Asbestos Caulking, Non-Friable Asbestos	1.98
13281-0199	LF 251 To 1000 LF Asbestos Caulking, Non-Friable Asbestos	1.49
13281-0200	LF 1001 To 2500 LF Asbestos Caulking, Non-Friable Asbestos	1.18



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13281-0201	LF	Over 2500 LF Asbestos Caulking, Non-Friable Asbestos.....	1.03	
13281-0202		Asbestos Encapsulation (Lock-Down) ⁽¹³²⁸¹⁾		
13281-0203	SF	Asbestos Acrylic Encapsulation (Lock-Down), Per Coat.....	1.64	
13281-0204	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required.....	1.81	
13281-0205		Air Monitoring And Bulk Sampling ⁽¹³²⁸¹⁾		
Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM).				
13281-0206	HR	Bulk Sampling Or Air Monitoring.....	61.95	
13281-0207	EA	(Bulk) PCM Test.....	7.79	
13281-0208	EA	(Bulk) PCM Test, 24 Hour Turnaround.....	9.73	
13281-0209	EA	(Bulk) PCM Test, Rush Turnaround.....	11.68	
13281-0210	EA	(Bulk Point Counting) PLM Test.....	15.57	
13281-0211	EA	(Bulk Point Counting) PLM Test, 24 Hour Turnaround.....	19.46	
13281-0212	EA	(Bulk Point Counting) PLM Test, Rush Turnaround.....	23.36	
13281-0213	EA	(Bulk) TEM Test.....	46.71	
13281-0214	EA	(Bulk) TEM Test, 24 Hour Turnaround.....	50.60	
13281-0215	EA	(Air) PCM Test.....	8.17	
13281-0216	EA	(Air) PCM Test, 24 Hour Turnaround.....	8.75	
13281-0217	EA	(Air) PCM Test, Rush Turnaround.....	9.34	
13281-0218	EA	(Air) TEM Test.....	46.71	
13281-0219	EA	(Air) TEM Test, 24 Hour Turnaround.....	50.60	
13281-0220	EA	(Air) TEM Test, Rush Turnaround.....	62.28	
13283		Mold Abatement ⁽¹³²⁸⁰⁾		
Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which task applies. See CSI section 02119-0000 for hauling in excess of 25 miles to transfer or disposal site, 13289-0002 for solid isolation barriers, 13289-0015 for plastic sheeting for containment construction, 13289-0019 for decontamination chambers.				
13283-0001		Pipe And Pipe Fittings Insulation ⁽¹³²⁸³⁾		
Note: Treat fittings as additional lf of insulation.				
13283-0002		Pipe Insulation ⁽¹³²⁸³⁻⁰⁰⁰¹⁾		
Note: Diameter is outer size of insulation.				
13283-0003		Pipe Insulation, Up To 6" Diameter ⁽¹³²⁸³⁻⁰⁰⁰²⁾		
Note: Excludes encased fittings				
13283-0004	LF	< 25 LF Pipe Insulation, Up To 6" Diameter.....	26.59	
13283-0005	LF	25 To 250 LF Pipe Insulation, Up To 6" Diameter.....	19.84	
13283-0006	LF	251 To 500 LF Pipe Insulation, Up To 6" Diameter.....	14.88	
13283-0007	LF	501 To 2500 LF Pipe Insulation, Up To 6" Diameter.....	11.16	
13283-0008	LF	2501 To 10000 LF Pipe Insulation, Up To 6" Diameter.....	8.37	
13283-0009	LF	Over 10000 LF Pipe Insulation, Up To 6" Diameter.....	7.28	
13283-0010		Pipe Insulation, Greater Than 6" Diameter ⁽¹³²⁸³⁻⁰⁰⁰²⁾		
13283-0011	LF	< 25 LF Pipe Insulation, > 6" Diameter.....	30.58	
13283-0012	LF	25 To 250 LF Pipe Insulation, > 6" Diameter.....	22.82	
13283-0013	LF	251 To 500 LF Pipe Insulation, > 6" Diameter.....	17.12	
13283-0014	LF	501 To 2500 LF Pipe Insulation, > 6" Diameter.....	12.84	
13283-0015	LF	2501 To 10000 LF Pipe Insulation, > 6" Diameter.....	9.63	
13283-0016	LF	Over 10000 LF Pipe Insulation, > 6" Diameter.....	8.37	
13283-0017		Thermal Insulation ⁽¹³²⁸³⁾		
13283-0018		Other Thermal Insulation, Up To 3" Thickness ⁽¹³²⁸³⁻⁰⁰¹⁷⁾		
13283-0019	SF	< 50 SF Other Thermal Insulation, Up To 3" Thickness.....	16.04	
13283-0020	SF	50 To 500 SF Other Thermal Insulation, Up To 3" Thickness.....	11.40	
13283-0021	SF	501 To 2500 SF Other Thermal Insulation, Up To 3" Thickness.....	8.55	
13283-0022	SF	2501 To 10000 SF Other Thermal Insulation, Up To 3" Thickness.....	6.41	
13283-0023	SF	Over 10000 SF Other Thermal Insulation, Up To 3" Thickness.....	4.92	
13283-0024		Surfacing Material ⁽¹³²⁸³⁾		
Note: e.g. fireproofing, acoustical plaster, etc.				
13283-0025		Stucco ⁽¹³²⁸³⁻⁰⁰²⁴⁾		
Note: Remove surface coat from brown coat or remove entire assembly, including lath.				
13283-0026	SF	< 100 SF Stucco.....	16.04	
13283-0027	SF	100 To 500 SF Stucco.....	11.40	
13283-0028	SF	501 To 2500 SF Stucco.....	8.55	
13283-0029	SF	2501 To 10000 SF Stucco.....	6.41	
13283-0030	SF	Over 10000 SF Stucco.....	4.82	



MINOR
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TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

13283-0031	Acoustical Plaster <small>(13283-0024)</small>	
	Note: Remove surface coat from brown coat or remove entire assembly, including lath.	
13283-0032	SF < 100 SF Acoustical Plaster.....	16.04
13283-0033	SF 100 To 500 SF Acoustical Plaster.....	11.40
13283-0034	SF 501 To 2500 SF Acoustical Plaster.....	8.55
13283-0035	SF 2501 To 10000 SF Acoustical Plaster.....	6.41
13283-0036	SF Over 10000 SF Acoustical Plaster.....	4.82
13283-0037	Gypsum Board <small>(13283-0024)</small>	
13283-0038	SF < 100 SF Gypsum Board.....	10.27
13283-0039	SF 100 To 500 SF Gypsum Board.....	7.33
13283-0040	SF 501 To 2500 SF Gypsum Board.....	5.46
13283-0041	SF 2501 To 10000 SF Gypsum Board.....	4.28
13283-0042	SF Over 10000 SF Gypsum Board.....	3.29
13283-0043	Fireproofing <small>(13283-0024)</small>	
	Note: Exposed surface area, includes associated overspray	
13283-0044	SF < 100 SF Fireproofing.....	16.04
13283-0045	SF 100 To 500 SF Fireproofing.....	11.66
13283-0046	SF 501 To 2500 SF Fireproofing.....	8.55
13283-0047	SF 2501 To 10000 SF Fireproofing.....	6.41
13283-0048	SF Over 10000 SF Fireproofing.....	4.82
13283-0049	Flooring <small>(13283)</small>	
	Note: Includes cove base.	
13283-0050	Floor Tile Or Linoleum <small>(13283-0049)</small>	
13283-0051	Floor Tile Or Linoleum <small>(13283-0050)</small>	
	Note: Single layer or first of multiple layers	
13283-0052	SF < 100 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers.....	5.83
	<i>13MOD-0077 For Each Additional Layer, Add</i>	1.46
13283-0053	SF 100 To 500 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers.....	3.67
	<i>13MOD-0077 For Each Additional Layer, Add</i>	0.92
13283-0054	SF 501 To 2500 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers.....	1.97
	<i>13MOD-0077 For Each Additional Layer, Add</i>	0.49
13283-0055	SF 2501 To 10000 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers.....	1.07
	<i>13MOD-0077 For Each Additional Layer, Add</i>	0.27
13283-0056	SF Over 10000 SF Floor Tile Or Linoleum, Single Layer Or First Of Multiple Layers.....	0.79
	<i>13MOD-0077 For Each Additional Layer, Add</i>	0.20
13283-0057	Carpet <small>(13283-0049)</small>	
13283-0058	Carpet, Glue Down <small>(13283-0057)</small>	
13283-0059	SF < 100 SF Carpet, Glue Down.....	4.66
13283-0060	SF 100 To 500 SF Carpet, Glue Down.....	3.02
13283-0061	SF 501 To 2500 SF Carpet, Glue Down.....	1.83
13283-0062	SF 2501 To 10000 SF Carpet, Glue Down.....	1.17
13283-0063	SF Over 10000 SF Carpet, Glue Down.....	0.86
13283-0064	Carpet, Padded With Tack Strips <small>(13283-0057)</small>	
13283-0065	SF < 100 SF Carpet And Pad, Including Tack Strips.....	5.13
13283-0066	SF 100 To 500 SF Carpet And Pad, Including Tack Strips.....	3.42
13283-0067	SF 501 To 2500 SF Carpet And Pad, Including Tack Strips.....	2.44
13283-0068	SF 2501 To 10000 SF Carpet And Pad, Including Tack Strips.....	1.90
13283-0069	SF Over 10000 SF Carpet And Pad, Including Tack Strips.....	1.43
13283-0070	Subflooring <small>(13283-0049)</small>	
13283-0071	SF < 100 SF Subflooring.....	6.80
13283-0072	SF 100 To 500 SF Subflooring.....	4.24
13283-0073	SF 501 To 2500 SF Subflooring.....	2.66
13283-0074	SF 2501 To 10000 SF Subflooring.....	1.53
13283-0075	SF Over 10000 SF Subflooring.....	0.92
13283-0076	Siding <small>(13283)</small>	
13283-0077	Interior Paneling <small>(13283-0076)</small>	
	Note: Includes detachment of mounted objects before removal.	
13283-0078	SF < 100 SF Paneling, Interior, Including Detachment Of Mounted Objects Before Removal.....	5.13
13283-0079	SF 100 To 500 SF Paneling, Interior, Including Detachment Of Mounted Objects Before Removal.....	3.65
13283-0080	SF 501 To 2500 SF Paneling, Interior, Including Detachment Of Mounted Objects Before Removal.....	2.52
13283-0081	SF 2501 To 10000 SF Paneling, Interior, Including Detachment Of Mounted Objects Before Removal.....	1.39
13283-0082	SF Over 10000 SF Paneling, Interior, Including Detachment Of Mounted Objects Before Removal.....	1.03



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13283-0083	Exterior Siding <small>(13283-0076)</small>		
13283-0084	SF < 100 SF Siding Board, Exterior	7.13	
13283-0085	SF 100 To 500 SF Siding Board, Exterior	4.58	
13283-0086	SF 501 To 2500 SF Siding Board, Exterior	3.13	
13283-0087	SF 2501 To 10000 SF Siding Board, Exterior	2.06	
13283-0088	SF Over 10000 SF Siding Board, Exterior.....	1.83	
13283-0089	Contaminated Debris <small>(13283)</small>		
13283-0090	Contaminated Debris Removal <small>(13283-0089)</small>		
13283-0091	CF < 10 CF Contaminated Debris Removal	29.58	
13283-0092	CF 10 To 100 CF Contaminated Debris Removal	17.75	
13283-0093	CF 101 To 250 CF Contaminated Debris Removal	11.83	
13283-0094	CF 251 To 500 CF Contaminated Debris Removal	8.88	
13283-0095	CF 501 To 2500 CF Contaminated Debris Removal	7.10	
13283-0096	CF 2501 To 10000 CF Contaminated Debris Removal	3.88	
13283-0097	CF Over 10000 CF Contaminated Debris Removal.....	3.48	
13283-0098	Other Mold Containing Materials <small>(13283)</small>		
13283-0099	Wood Studs <small>(13283-0098)</small>		
13283-0100	SF < 100 SF Wood Studs.....	2.87	
13283-0101	SF 100 To 500 SF Wood Studs.....	2.07	
13283-0102	SF 501 To 2500 SF Wood Studs.....	1.51	
13283-0103	SF 2501 To 10000 SF Wood Studs.....	1.16	
13283-0104	SF Over 10000 SF Wood Studs	0.86	
13283-0105	Ceiling Tile <small>(13283-0096)</small>		
	Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
13283-0106	SF < 200 SF Ceiling Tile	8.55	
13283-0107	SF 200 To 1000 SF Ceiling Tile	6.41	
13283-0108	SF 1001 To 2500 SF Ceiling Tile	2.93	
13283-0109	SF 2501 To 10000 SF Ceiling Tile	2.06	
13283-0110	SF Over 10000 SF Ceiling Tile.....	1.83	
13283-0111	Caulking <small>(13283-0098)</small>		
13283-0112	LF < 10 LF Caulking.....	3.02	
13283-0113	LF 10 To 50 LF Caulking	2.56	
13283-0114	LF 51 To 100 LF Caulking	1.83	
13283-0115	LF 101 To 250 LF Caulking	1.38	
13283-0116	LF 251 To 1000 LF Caulking	1.03	
13283-0117	LF 1001 To 2500 LF Caulking.....	0.83	
13283-0118	LF Over 2500 LF Caulking	0.71	
13283-0119	Wipe Down Walls, Ceilings And Floors <small>(13283-0096)</small>		
13283-0120	CSF Wipe Down Floors With Mild Bleach Solution	14.26	
13283-0121	CSF Wipe Down Walls With Mild Bleach Solution	16.77	
13283-0122	CSF Wipe Down Ceilings With Mild Bleach Solution	19.08	
13283-0123	CSF Wipe Down Countertops With Mild Bleach Solution	15.55	
13283-0124	CSF Wipe Down Other Surfaces With Mild Bleach Solution.....	19.73	
13285	Lead Abatement <small>(13280)</small>		
	Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, storage, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with applicable regulations including, but not limited to, EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 02119-0000 for hauling in excess of 25 miles to transfer or disposal site, 13289-0002 for solid isolation barriers, 13289-0015 for plastic sheeting for containment construction, 13289-0019 for decontamination chambers.		
13285-0001	Sampling And Testing <small>(13285)</small>		
	Note: Includes taking sample, delivery to lab and lab fee.		
13285-0002	EA XRF Lead Testing Including Technician, 3 Readings Per Surface	33.42	
13285-0003	EA TCLP Lead Test (5 Day Turn-around) And Lab Fee.....	42.50	
13285-0004	EA Lead Air Samples (24 Hour Turn -Around) And Lab Fee.....	19.29	
13285-0005	EA Lead Air Samples (Less Than 24 Hour Turn-Around) And Lab Fee	38.60	
13285-0006	EA Lead Wipe Samples (24 Hour Turn - Around) And Lab Fee	53.48	
13285-0007	EA Lead Wipe Samples (3 Day Or Less Turn-around) And Lab Fee	33.42	
13285-0008	EA Lead Paint Chip Test (5 Day Turnaround) and Lab Fee	46.80	
13285-0009	EA Lead Water Test (5 Day Turnaround) and Lab Fee.....	56.82	
13285-0010	EA Lead Soil Test (5 Day Turnaround) and Lab Fee.....	80.22	



MINOR CSI	UOM	DESCRIPTION
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TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13285-0011

Chemical Stripping (13285)

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.

13285-0012	SF	Balustrades, Simple, Chemical Stripping Of Lead Contaminated Material	21.26
13285-0013	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	31.76
13285-0014	LF	Baseboard To 6" Wide, Chemical Stripping Of Lead Contaminated Material	9.05
13285-0015	LF	Baseboard To 6" To 12" Wide, Chemical Stripping Of Lead Contaminated Material	18.77
13285-0016	SF	Brick, Block, Concrete, Chemical Stripping Of Lead Contaminated Material	5.89
13285-0017	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	22.78
13285-0018	SF	Cabinets, Simple Design, Chemical Stripping Of Lead Contaminated Material	17.79
13285-0019	SF	Ceilings, All, Chemical Stripping Of Lead Contaminated Material	8.25
13285-0020	SF	Columns, Chemical Stripping Of Lead Contaminated Material	7.83
13285-0021	SF	Cornice, Simple, Chemical Stripping Of Lead Contaminated Material	9.68
13285-0022	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	28.26
13285-0023	SF	Doors, One Side Flush, Chemical Stripping Of Lead Contaminated Material	6.93
13285-0024	SF	Doors, One Panel, Chemical Stripping Of Lead Contaminated Material	7.25
13285-0025	SF	Doors, Four Panel, Chemical Stripping Of Lead Contaminated Material	12.76
13285-0026	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	93.72
13285-0027	LF	Trim Or Frames, One Side, Chemical Stripping Of Lead Contaminated Material	9.00
13285-0028	LF	Electrical Conduit Up To 2", Chemical Stripping Of Lead Contaminated Material	3.90
13285-0029	SF	Fence, Picket, Chemical Stripping Of Lead Contaminated Material	19.09
13285-0030	SF	Floors, Wood, Chemical Stripping Of Lead Contaminated Material	4.79
13285-0031	SF	Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	22.78
13285-0032	SF	Grilles, Simple, Chemical Stripping Of Lead Contaminated Material	19.04
13285-0033	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	11.60
13285-0034	EA	Hangers, Up To 6" Size, Chemical Stripping Of Lead Contaminated Material	14.42
13285-0035	LF	Pipes To 4" Diameter (Brush), Chemical Stripping Of Lead Contaminated Material	6.43
13285-0036	LF	Pipes >4" To 8" Diameter (Brush), Chemical Stripping Of Lead Contaminated Material	11.55
13285-0037	LF	Pipes >8" To 12" Diameter (Brush), Chemical Stripping Of Lead Contaminated Material	15.90
13285-0038	LF	Pipes >12" To 16" Diameter (Brush), Chemical Stripping Of Lead Contaminated Material	28.67
13285-0039	SF	Pipes > 16" Diameter (Brush), Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	8.62
13285-0040	EA	Radiators, Up To 12 SF, Chemical Stripping Of Lead Contaminated Material	172.63
13285-0041	EA	Shutters Front And Back Louvered, Up To 6', Chemical Stripping Of Lead Contaminated Material	193.75
13285-0042	EA	Shutters Flat, Chemical Stripping Of Lead Contaminated Material	142.24
13285-0043	SF	Siding, Chemical Stripping Of Lead Contaminated Material	6.54
13285-0044	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	14.32
13285-0045	SF	Steel, Flat Surfaces And Tanks Up To 12', Chemical Stripping Of Lead Contaminated Material	6.39
13285-0046	SF	Steel Beams, Chemical Stripping Of Lead Contaminated Material	7.28
13285-0047	SF	Trusses, Chemical Stripping Of Lead Contaminated Material	10.47
13285-0048	SF	Walls, Wood, Chemical Stripping Of Lead Contaminated Material	7.28
13285-0049	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	17.26
13285-0050	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	18.92
13285-0051	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	20.05
13285-0052	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	21.18
13285-0053	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	22.30
13285-0054	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	23.47
13285-0055	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	24.57
13285-0056	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	25.13
13285-0057	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	25.72
13285-0058	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	26.25
13285-0059	SF	Metal Stair, Chemical Stripping Of Lead Contaminated Material	34.44
13285-0060	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material	17.33
		Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	
13285-0061	LF	Ornate Railings, Chemical Stripping Of Lead Contaminated Material	5.83

13285-0062

Demolition (13285)

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

13285-0063	SF	Ceiling Including Suspension System, Plaster, Lath, Demolition Of Lead Contaminated Material	1.54
13285-0064	SF	Finished Plaster/Stucco, Leaving Wire Lath, Demolition Of Lead Contaminated Material	2.25
13285-0065	SF	Suspended Acoustical Ceiling System, Including Tile, Demolition Of Lead Contaminated Material	0.90
13285-0066	SF	Acoustical Ceiling Tile, Demolition Of Lead Contaminated Material	0.57
13285-0067	SF	Metal Pan Grid System, Demolition Of Lead Contaminated Material	0.90
13285-0068	SF	Gypsum Board, Demolition Of Lead Contaminated Material	0.73
13285-0069	EA	Light Fixtures, Up To 2' x 4', Demolition Of Lead Contaminated Material	43.15
13285-0070	EA	Light Fixtures, Over 2' x 4', Demolition Of Lead Contaminated Material	57.24
13285-0071	SF	Partitions Non-Load Bearing, Plaster, Lath And Studs, Demolition Of Lead Contaminated Material	6.39
13285-0072	SF	Partitions Non-Load Bearing, Gypsum Board And Studs, Demolition Of Lead Contaminated Material	3.58
13285-0073	SF	Lead Paint On Brick Or Block, Demolition Of Lead Contaminated Material	3.93
13285-0074	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	3.04
13285-0075	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.04
13285-0076	SF	Balustrades And Railings, Demolition Of Lead Contaminated Material	4.47
13285-0077	LF	Baseboard To 6" Wide, Demolition Of Lead Contaminated Material	1.16
13285-0078	LF	Baseboard To 6" To 12" Wide, Demolition Of Lead Contaminated Material	1.46
13285-0079	LF	Base Shoe Molding, Demolition Of Lead Contaminated Material	0.95
13285-0080	SF	Brick, Demolition Of Lead Contaminated Material	2.70
13285-0081	SF	Block, Demolition Of Lead Contaminated Material	3.47
13285-0082	SF	Concrete, Demolition Of Lead Contaminated Material	8.90



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13285-0083 LF Cabinets, Demolition Of Lead Contaminated Material.....	20.73	
13285-0084 SF Ceilings, Gypsum Board, Demolition Of Lead Contaminated Material.....	1.17	
13285-0085 SF Columns Up To 12" Diameter, Demolition Of Lead Contaminated Material.....	11.49	
13285-0086 SF Cornice, Demolition Of Lead Contaminated Material.....	1.53	
13285-0087 EA Doors, Demolition Of Lead Contaminated Material.....	44.98	
13285-0088 LF Door And Window Trim Or Frames, Demolition Of Lead Contaminated Material.....	1.36	
13285-0089 EA Electrical Devices, Demolition Of Lead Contaminated Material.....	13.80	
13285-0090 LF Electrical Conduit Up To 1", Demolition Of Lead Contaminated Material.....	1.78	
13285-0091 LF Electrical Conduit > 1" To 2", Demolition Of Lead Contaminated Material.....	2.95	
13285-0092 SF Fence, Picket, Demolition Of Lead Contaminated Material.....	1.70	
13285-0093 SF Wood Floors, Demolition Of Lead Contaminated Material.....	2.12	
13285-0094 SF Grilles, Demolition Of Lead Contaminated Material.....	2.49	
13285-0095 EA Hinges, Demolition Of Lead Contaminated Material.....	5.02	
13285-0096 EA Hangers, Up To 6" Size, Demolition Of Lead Contaminated Material.....	10.78	
13285-0097 LF Pipes To 2" Diameter, Demolition Of Lead Contaminated Material.....	4.42	
13285-0098 LF Pipes >2" To 4" Diameter, Demolition Of Lead Contaminated Material.....	6.45	
13285-0099 LF Pipes > 4" To 8" Diameter, Demolition Of Lead Contaminated Material.....	9.75	
13285-0100 LF Pipes > 8" To 12" Diameter, Demolition Of Lead Contaminated Material.....	17.97	
13285-0101 EA Radiators, Demolition Of Lead Contaminated Material.....	77.63	
13285-0102 EA Shutters And Louvered, Up To 6', Demolition Of Lead Contaminated Material.....	30.25	
13285-0103 SF Siding, Demolition Of Lead Contaminated Material.....	1.20	
13285-0104 SF Soffit, Up To 12', Demolition Of Lead Contaminated Material.....	1.03	
13285-0105 SF Steel, Flat Surfaces And Tanks Up To 12', Demolition Of Lead Contaminated Material.....	2.80	
13285-0106 SF Steel Beams, Demolition Of Lead Contaminated Material.....	3.30	
13285-0107 SF Trusses, Demolition Of Lead Contaminated Material.....	4.32	
13285-0108 SF Walls, Wood, Demolition Of Lead Contaminated Material.....	3.19	
13285-0109 SF Windows, Demolition Of Lead Contaminated Material.....	10.74	
13285-0110 SF Metal Stair, Demolition Of Lead Contaminated Material.....	5.14	
13285-0111 LF Metal Railing And Posts, Demolition Of Lead Contaminated Material.....	6.17	
13285-0112 SF Plywood, Demolition Of Lead Contaminated Material.....	4.64	
13285-0113 SF Planks (Various Sizes), Demolition Of Lead Contaminated Material.....	2.26	
13285-0114 SF Ceramic Tile, Walls Or Floor, Demolition Of Lead Contaminated Material.....	2.61	
13285-0115 EA Metal Brackets Or Other Small Metal Shapes, Demolition Of Lead Contaminated Material.....	14.16	
13285-0116 SF Ceramic Tile Block, Demolition Of Lead Contaminated Material.....	3.09	
13285-0117 LF Metal Hand Rails, Demolition Of Lead Contaminated Material.....	3.77	
13285-0118 LF Metal Guard Rails, Demolition Of Lead Contaminated Material.....	8.50	
13285-0119 LF Roof Metal Trim, Demolition Of Lead Contaminated Material.....	1.81	
13285-0120 LF Rain Gutters, Demolition Of Lead Contaminated Material.....	1.81	
13285-0121 LF Roof Metal Flashing, Demolition Of Lead Contaminated Material.....	1.81	
13285-0122 Wet Sanding <small>(13285)</small>		
13285-0123 SF Wet Sand/Scrape Lead Paint For Stabilization.....	1.23	
13285-0124 Encapsulation <small>(13285)</small>		
Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
13285-0125 SF Balustrades, Encapsulation.....	3.91	
13285-0126 LF Baseboard To 6" Wide, Encapsulation.....	4.52	
13285-0127 LF Baseboard To 6" To 12" Wide, Encapsulation.....	6.08	
13285-0128 SF Brick, Block, Concrete, Encapsulation.....	2.51	
13285-0129 SF Cabinets, Ornate, Encapsulation.....	5.65	
13285-0130 SF Cabinets, Simple Design, Encapsulation.....	4.61	
13285-0131 SF Ceilings, Drywall, Encapsulation.....	1.57	
13285-0132 SF Ceilings, Wood, Encapsulation.....	1.91	
13285-0133 SF Ceilings, Acoustical And Popcorn, Encapsulation.....	1.77	
13285-0134 SF Columns, Encapsulation.....	3.03	
13285-0135 SF Doors, Encapsulation.....	6.65	
13285-0136 LF Electrical Conduit Up To 2", Encapsulation.....	2.55	
13285-0137 SF Fence, Picket (Brush), Encapsulation.....	1.81	
13285-0138 SF Floors, Wood (Roller), Encapsulation.....	1.51	
13285-0139 SF Grilles, Vents, Encapsulation.....	4.22	
13285-0140 LF Gutters And Downspouts, Encapsulation.....	3.91	
13285-0141 EA Hangers, Encapsulation.....	33.32	
13285-0142 LF Pipes To 4" Diameter (Brush), Encapsulation.....	2.37	
13285-0143 LF Pipes To 8" Diameter (Brush), Encapsulation.....	3.41	
13285-0144 LF Pipes To 12" Diameter (Brush), Encapsulation.....	5.28	
13285-0145 LF Pipes To 16" Diameter (Brush), Encapsulation.....	7.79	
13285-0146 EA Radiators, Encapsulation.....	142.44	
13285-0147 EA Shutters Up To 6', Encapsulation.....	123.07	
13285-0148 SF Siding, Encapsulation.....	2.15	
13285-0149 SF Soffit, Up To 12', Encapsulation.....	3.03	
13285-0150 SF Steel, Flat Surfaces And Tanks Up To 12', Encapsulation.....	2.51	
13285-0151 SF Steel Beams And Metal Decks, Encapsulation.....	3.29	
13285-0152 SF Trusses, Encapsulation.....	3.29	
13285-0153 SF Walls, Drywall, Encapsulation.....	1.40	
13285-0154 SF Walls, Wood, Encapsulation.....	1.72	
13285-0155 EA Windows, Double Hung, Encapsulation.....	123.27	
13285-0156 EA Windows, Colonial, Encapsulation.....	144.88	
13285-0157 LF Frames And Trim, Encapsulation.....	2.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13285-0158	LF	Steel Lintels, Encapsulation.....	2.56
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13285-0159 Remove Loose Dirt And Debris Containing Lead (13285)

13285-0160	SF	HEPA Vacuum And Wet Clean Contaminated Area With Mild Detergent.....	0.19
13285-0161	SF	HEPA Vacuum And Wet Clean Contaminated Area With Tri-Sodium Phosphate	0.22
13285-0162	SF	HEPA Vacuum And Shampoo Carpeting.....	0.90

13287 Bio-Hazard Material Remediation (13280)

Note: All unit pricing in this section includes (Unless Title Indicates Otherwise): materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, disposal, monitoring (Personnel And Air), sampling/testing, fees, documentation and other associated costs necessary for the complete abatement and disposal of the contaminated material in accordance with EPA and local regulations. Where types of contaminated materials are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which task applies. Prices include Negative Air, all personnel protection (Tyvek Suit, Mask, Personnel Monitoring, etc.) as required. No associated work which may be defined in other sections of this book may be applied to the contaminated material removal except as noted herein. See CSI section 02119-0000 for hauling in excess of 25 miles to transfer or disposal site, 13289-0002 for solid isolation barriers, 13289-0015 for plastic sheeting for containment construction, 13289-0019 for decontamination chambers.

13287-0001 Bird Waste Removal (13287)

Note: In addition to items listed above, tasks include wetting agents and disinfection of contaminated surfaces.

13287-0002	EA	< 10 SF Bird Waste Removal, Up To 3" Thickness.....	513.19
13287-0003	SF	10 To 500 SF Bird Waste Removal, Up To 3" Thickness.....	8.55
13287-0004	SF	501 To 2500 SF Bird Waste Removal, Up To 3" Thickness.....	7.77
13287-0005	SF	2501 To 10000 SF Bird Waste Removal, Up To 3" Thickness.....	7.06
13287-0006	SF	Over 10000 SF Bird Waste Removal, Up To 3" Thickness.....	6.43

13289 Hazmat Ancillary Tasks And Support (13280)

13289-0001 Barriers And Protection (13289)

Note: Includes removal and disposal after use.

13289-0002 Isolation Barriers (13289-0001)

Note: Use framing task with applicable barrier task.

13289-0003	SF	Framing for Isolation Barrier, Wood or Metal Construction	1.89
13289-0004	SF	1/2" Plywood For Solid Isolation Barrier.....	2.14
13289-0005	SF	Plastic Sheeting For Separation Barrier.....	0.31
13289-0006	SF	1/2" Drywall For Solid Isolation Barrier.....	0.95
13289-0007	SF	5/8" Drywall For Solid Isolation Barrier.....	1.04

13289-0008 Type C Supplied Air System (13289-0001)

Note: Includes mobilization, setup, maintenance and removal of equipment. For owner / site inspection use.

13289-0009	EA	Type C Supplied Air System	411.07
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13289-0010 Cleaning Surfaces (13289-0001)

Note: Other surfaces within contamination area but not contaminated by, or part of removal.

13289-0011	SF	Clean Asbestos Surface <=100 SF.....	0.63
13289-0012	SF	Clean Asbestos Surface 101 To 500 SF.....	0.38
13289-0013	SF	Clean Asbestos Surface 501 To 1000 SF.....	0.30
13289-0014	SF	Clean Asbestos Surface >1000 SF.....	0.24

13289-0015 Plastic Sheeting For Containment Construction (13289-0001)

13289-0016	SF	Cover Floors, Each Layer, 6 Mil Plastic Barrier	0.31
13289-0017	SF	Cover Walls, Each Layer, 6 Mil Plastic Barrier.....	0.40
13289-0018	SF	Cover Ceilings, Each Layer, 6 Mil Plastic Barrier.....	0.55

13289-0019 Decontamination Chambers (13289)

Note: Includes removal after use.

13289-0020	EA	Portable Personnel Decontamination Wash Facility (3 Stage).....	494.88
		Note: Includes connection to negative air system.	
13MOD-0003		For Dismantling And Relocating Portable Decontamination Facility To Different Area (To Be Added To Base Cost For Relocation Costs), Add	402.32
13289-0021	EA	Portable Waste Decontamination Unit.....	539.29
		Note: Includes connection to negative air system.	
13MOD-0004		For Dismantling And Relocating Portable Decontamination Facility To Different Area (To Be Added To Base Cost For Relocation Costs), Add	241.40

13600 Solar And Wind Energy Equipment (13000)

13650 Photovoltaic Collectors (13600)

Note: All materials are to be installed per manufacturers specifications and must be in compliance with the California Energy Commission Guidelines (CEC-300-2011-005-CMF). See CSI section 16181-0093 for fuses.

13650-0001 Rigid Photovoltaic Modules (13650)



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13650-0002	Sanyo Rigid Photovoltaic Modules <small>(13650-0001)</small>		
13650-0003	EA 205W Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6).....	974.76	66.93
	13MOD-0083 For > 50, Deduct	-84.09	
13650-0004	EA 210W Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	1,082.57	66.93
	13MOD-0083 For > 50, Deduct	-94.87	
13650-0005	EA 215W Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	1,014.65	66.93
	13MOD-0083 For > 50, Deduct	-88.08	
13650-0006	Sharp Rigid Photovoltaic Modules <small>(13650-0001)</small>		
13650-0007	EA 224W Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	814.12	66.93
	13MOD-0083 For > 50, Deduct	-68.03	
13650-0008	EA 230W Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	923.01	66.93
	13MOD-0083 For > 50, Deduct	-78.92	
13650-0009	EA 235W Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	940.26	66.93
	13MOD-0083 For > 50, Deduct	-80.64	
13650-0010	EA 240W Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	886.35	66.93
	13MOD-0083 For > 50, Deduct	-75.25	
13650-0011	BP Solar Rigid Photovoltaic Modules <small>(13650-0001)</small>		
	Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
13650-0012	EA 50W Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J).....	413.01	66.93
	13MOD-0083 For > 50, Deduct	-27.92	
13650-0013	EA 75W Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J).....	504.65	66.93
	13MOD-0083 For > 50, Deduct	-37.08	
13650-0014	EA 80W Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J).....	541.31	66.93
	13MOD-0083 For > 50, Deduct	-40.75	
13650-0015	Flexible Photovoltaic Modules <small>(13650)</small>		
13650-0016	Uni-Solar Flexible Photovoltaic Modules <small>(13650-0015)</small>		
13650-0017	EA 68W Laminate Photovoltaic Module, 112.1" x 15.5" (Uni-Solar PVL-68).....	393.66	66.93
	13MOD-0083 For > 50, Deduct	-25.98	
13650-0018	EA 136W Laminate Photovoltaic Module, 216" x 15.5" (Uni-Solar PVL-136).....	604.97	66.93
	13MOD-0083 For > 50, Deduct	-47.11	
13650-0019	EA 144W Laminate Photovoltaic Module, 216" x 15.5" (Uni-Solar PVL-144).....	669.66	66.93
	13MOD-0083 For > 50, Deduct	-53.58	
13650-0020	Photovoltaic Inverters <small>(13650)</small>		
13650-0021	Fronius Photovoltaic Inverters <small>(13650-0020)</small>		
13650-0022	EA 3KW Photovoltaic Inverter (Fronius IG Plus 3.0-1).....	2,701.38	70.45
13650-0023	EA 5KW Photovoltaic Inverter (Fronius IG Plus 5.0-1).....	4,322.84	70.45
13650-0024	EA 6KW Photovoltaic Inverter (Fronius IG Plus 6.0-1).....	4,452.21	70.45
13650-0025	EA 7.5KW Photovoltaic Inverter (Fronius IG Plus 7.5-1).....	5,411.72	70.45
13650-0026	EA 10KW Photovoltaic Inverter (Fronius IG Plus 10.0-1).....	5,962.86	70.45
13650-0027	EA 12KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1).....	6,927.53	70.45
13650-0028	EA 11.4KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta).....	7,848.96	140.89
13650-0029	EA 11.4KW Photovoltaic Inverter (Fronius IG Plus 11.4-3).....	7,956.77	140.89
13650-0030	EA Inverter Display Stand (Fronius 4,045,894).....	223.22	35.22
13650-0031	SMA Photovoltaic Inverters <small>(13650-0020)</small>		
13650-0032	EA 4KW AC Photovoltaic Inverter (SMA SB 4000US).....	2,798.41	70.45
13650-0033	EA 5KW AC Photovoltaic Inverter (SMA SB 5000US).....	3,612.37	70.45
13650-0034	EA 6KW AC Photovoltaic Inverter (SMA SB 6000US).....	3,817.21	70.45
13650-0035	EA 7KW AC Photovoltaic Inverter (SMA SB 7000US).....	4,085.66	70.45
13650-0036	EA 8KW AC Photovoltaic Inverter (SMA SB 8000US).....	4,452.21	70.45
13650-0037	EA 36KW AC Tower Photovoltaic Inverter (SMA ST36).....	22,847.89	281.78
13650-0038	EA 42KW AC Tower Photovoltaic Inverter (SMA ST42).....	24,675.27	281.78
13650-0039	SatCon Photovoltaic Inverters <small>(13650-0020)</small>		
13650-0040	EA 30KW Photovoltaic Inverter (Satcon PVS-30).....	28,906.15	422.67
	13MOD-0084 For 50 Amp Max, 4 Input Strings Sub-Combiners, Add	1,730.40	
	13MOD-0085 For 40 Amp Max, 5 Input Strings Sub-Combiners, Add	1,801.60	
13650-0041	EA 50KW Photovoltaic Inverter (Satcon PVS-50).....	33,763.75	422.67
	13MOD-0086 For 80 Amp Max, 4 Input Strings Sub-Combiners, Add	1,478.40	
	13MOD-0087 For 63 Amp Max, 5 Input Strings Sub-Combiners, Add	1,536.80	
13650-0042	EA 75KW Photovoltaic Inverter (Satcon PVS-75).....	46,631.14	563.56
	13MOD-0088 For 100 Amp Max, 5 Input Strings Sub-Combiners, Add	1,018.40	
	13MOD-0089 For 80 Amp Max, 6 Input Strings Sub-Combiners, Add	1,090.40	
13650-0043	EA 100KW Photovoltaic Inverter (Satcon PVS-100).....	49,917.54	563.56
	13MOD-0090 For 110 Amp Max, 5 Input Strings Sub-Combiners, Add	1,018.40	
	13MOD-0091 For 100 Amp Max, 6 Input Strings Sub-Combiners, Add	1,090.40	

13000 Special Construction
13600 Solar And Wind Energy Equipment
13650 Photovoltaic Collectors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13650-0044	EA	135KW Photovoltaic Inverter (Satcon PVS-135).....	68,148.12	704.45
		13MOD-0101 For 160 Amp Max, 5 Input Strings Sub-Combiners, Add	1,883.20	
		13MOD-0102 For 100 Amp Max, 9 Input Strings Sub-Combiners, Add	1,910.40	
13650-0045	EA	250KW Photovoltaic Inverter (Satcon PVS-250-2UL), 208V Or 240V.....	114,959.59	915.79
		13MOD-0098 For 100 Amp Max, 2x12 Input Strings Sub-Combiners, Add	5,111.20	
		13MOD-0099 For 160 Amp Max, 10 Input Strings Sub-Combiners, Add	2,386.40	
		13MOD-0100 For 100 Amp Max, 15 Input Strings Sub-Combiners, Add	1,526.40	
13650-0046	EA	250KW Photovoltaic Inverter (Satcon PVS-250-4UL), 480V.....	120,773.99	915.79
		13MOD-0098 For 100 Amp Max, 2x12 Input Strings Sub-Combiners, Add	5,111.20	
		13MOD-0099 For 160 Amp Max, 10 Input Strings Sub-Combiners, Add	2,386.40	
		13MOD-0100 For 100 Amp Max, 15 Input Strings Sub-Combiners, Add	1,526.40	
13650-0047	EA	375KW Photovoltaic Inverter (Satcon PVS-375-4UL), 480V.....	156,068.57	1,056.68
		13MOD-0095 For 160 Amp Max, 15 Input Strings Sub-Combiners, Add	3,356.00	
		13MOD-0096 For 110 Amp Max, 20 Input Strings Sub-Combiners, Add	1,941.60	
		13MOD-0097 For 100 Amp Max, 24 Input Strings Sub-Combiners, Add	2,228.00	
13650-0048	EA	500KW Photovoltaic Inverter (Satcon PVS-500-4UL), 480V.....	189,340.76	1,197.58
		13MOD-0092 For 200 Amp Max, 2x15 Input Strings Sub-Combiners, Add	7,061.60	
		13MOD-0093 For 160 Amp Max, 20 Input Strings Sub-Combiners, Add	5,412.00	
		13MOD-0094 For 100 Amp Max, 30 Input Strings Sub-Combiners, Add	6,497.60	
13650-0049		PVPowered Photovoltaic Inverters (13650-0020)		
13650-0050	EA	120V, 1.1KW Photovoltaic Inverter (PVPowered PVP1100).....	2,237.93	70.45
13650-0051	EA	240V, 2KW Photovoltaic Inverter (PVPowered PVP2000).....	2,339.47	70.45
13650-0052	EA	240V, 2.5KW Photovoltaic Inverter (PVPowered PVP2500).....	2,582.29	70.45
13650-0053	EA	240V, 3.5KW Photovoltaic Inverter (PVPowered PVP3500).....	3,063.40	88.06
13650-0054	EA	208V, 4.6KW Photovoltaic Inverter (PVPowered PVP4600).....	3,734.37	105.67
13650-0055	EA	240V, 4.8KW Photovoltaic Inverter (PVPowered PVP4800).....	3,765.28	105.67
13650-0056	EA	240V, 5.2KW Photovoltaic Inverter (PVPowered PVP5200).....	3,971.00	105.67
13650-0057	EA	208V, 75KW Photovoltaic Inverter (PVPowered PVP75kW).....	49,900.38	563.56
13650-0058	EA	480V, 75KW Photovoltaic Inverter (PVPowered PVP75kW).....	44,574.57	563.56
13650-0059	EA	208V, 100KW Photovoltaic Inverter (PVPowered PVP100kW).....	55,840.72	563.56
13650-0060	EA	480V, 100KW Photovoltaic Inverter (PVPowered PVP100kW).....	50,278.80	563.56
13650-0061		Solectria Photovoltaic Inverters (13650-0020)		
13650-0062	EA	208 Or 480V, 13KW Photovoltaic Inverter (Solectria PVI 13KW).....	10,899.99	140.89
13650-0063	EA	208V, 15KW, Photovoltaic Inverter (Solectria PVI 15KW).....	11,416.40	140.89
13650-0064	EA	480V, 15KW Photovoltaic Inverter (Solectria PVI 15KW).....	11,704.25	140.89
13650-0065	EA	208V, 60KW Photovoltaic Inverter (Solectria PVI 60KW).....	35,182.83	422.67
13650-0066	EA	480V, 60KW Photovoltaic Inverter (Solectria PVI 60KW).....	35,040.53	422.67
13650-0067	EA	480V, 82KW Photovoltaic Inverter (Solectria PVI 82KW).....	36,548.12	563.56
13650-0068	EA	208V, 95KW Photovoltaic Inverter (Solectria PVI 95KW).....	44,504.49	563.56
13650-0069	EA	480V, 95KW Photovoltaic Inverter (Solectria PVI 95KW).....	41,028.70	563.56
13650-0070		Xantrex Photovoltaic Inverters (13650-0020)		
13650-0071	EA	0.6KW Photovoltaic Inverter (Xantrex 806-1206).....	314.72	17.62
13650-0072	EA	1KW Photovoltaic Inverter (Xantrex 806-1210).....	342.48	17.62
13650-0073	EA	2KW Photovoltaic Inverter (Xantrex 806-1220).....	546.50	17.62
13650-0074		Photovoltaic DC-DC Converters (13650)		
13650-0075	EA	15 Amp, 20 To 35V Input, 13.8V Output DC Voltage Converter (Samlex SDC-20).....	190.84	26.42
		Note: Hazardous locations		
13650-0076	EA	20 Amp, 20 To 35V Input, 13.8V Output DC Voltage Converter (Samlex SDC-23).....	130.46	26.42
13650-0077	EA	60 Amp, 20 To 35V Input, 13.8V Output DC Voltage Converter (Samlex SDC-60).....	346.08	26.42
13650-0078		Photovoltaic Combiner Boxes (13650)		
13650-0079		Midnight Solar Photovoltaic Combiner Boxes (13650-0078)		
13650-0080	EA	3 150VDC Breaker Or 3 600 VDC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3).....	218.51	70.45
13650-0081	EA	6 150VDC Breaker Or 4 600 VDC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6).....	235.76	70.45
13650-0082	EA	12 150VDC Breaker Or 10 600 VDC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12).....	373.06	105.67
13650-0083	EA	6 300VDC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250).....	382.76	105.67
13650-0084	EA	16 600VDC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16).....	572.50	105.67
13650-0085		SMA Photovoltaic Combiner Boxes (13650-0078)		
13650-0086	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6).....	517.15	70.45
13650-0087	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12).....	663.77	70.45
13650-0088	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28).....	1,376.05	140.89
13650-0089	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52).....	2,197.56	140.89
13650-0090	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch).....	750.02	70.45
13650-0091		Photovoltaic Charge Controller (13650)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13650-0092 EA 35 Amp, 12 Or 24V, Charge Controller (Xantrex C-35)	154.18	26.42
13650-0093 EA 40 Amp, 12 Or 24V, Charge Controller (Xantrex C-40)	202.70	26.42
13650-0094 EA 60 Amp, 12 Or 24V, Charge Controller (Xantrex C-60)	235.04	26.42
13650-0095 EA Remote Digital Meter For Xantrex C-35, 40 And 60	182.21	26.42
13650-0096 EA MPPT Charge Controller (Xantrex XW SCC).....	611.60	35.22
13650-0097 Photovoltaic Batteries <small>(13650)</small>		
13650-0098 Concorde Photovoltaic Batteries <small>(13650-0097)</small>		
13650-0099 EA 34Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	153.69	10.57
13650-0100 EA 45Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	176.89	14.09
13650-0101 EA 49Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	187.67	14.09
13650-0102 EA 56Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	233.04	21.14
13650-0103 EA 69Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	248.13	21.14
13650-0104 EA 89Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	292.91	24.65
13650-0105 EA 104Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	334.46	28.17
13650-0106 EA 108Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	352.78	28.17
13650-0107 EA 210Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	567.11	33.46
13650-0108 EA 255Ah, 12V Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	689.23	35.22
13650-0109 Deka Photovoltaic Batteries <small>(13650-0097)</small>		
13650-0110 EA 31 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8GU1).....	146.33	17.65
13650-0111 EA 50 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	199.16	17.65
13650-0112 EA 74 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G24)	290.80	17.65
13650-0113 EA 86 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G27)	331.77	17.65
13650-0114 EA 98 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G31)	332.85	17.65
13650-0115 EA 183 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G4D).....	639.03	17.65
13650-0116 EA 225 AH Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G8D).....	738.21	17.65
13650-0117 Battery Enclosures <small>(13650-0097)</small>		
13650-0118 EA 14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	164.59	17.62
13650-0119 EA 22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	782.41	17.65
13650-0120 EA 37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	736.05	17.65
13650-0121 EA 37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	978.63	17.65
13650-0122 EA 15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	439.58	17.65
13650-0123 EA 31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	1,024.99	17.65
13650-0124 Photovoltaic System Monitoring <small>(13650)</small>		
13650-0125 EA Solar Inverter Monitor (Xantrex 864-0203)	346.66	35.22
13650-0126 EA Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	593.68	17.62
13650-0127 EA Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	571.04	17.62
13650-0128 EA PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	84.81	17.62
13650-0129 EA Wind Sensor Accessory For Sunny SensorBox (SMA).....	199.82	35.22
13650-0130 EA Sunny Boy Control with RS485 (SMA)	788.81	17.62
13650-0131 EA RS 485 Module (SMA)	164.59	17.62
13650-0132 EA RS 232 Module (SMA).....	164.59	17.62
13650-0133 EA Wireless Monitor with Bluetooth (SMA Sunny Beam)	379.86	
13650-0134 EA Bluetooth Piggy-Back Computer Card (SMA)	214.18	17.62
13650-0135 EA RS485-N Communication Computer Card (SMA).....	150.58	17.62
13650-0136 EA Bluetooth Repeater (SMA).....	603.38	17.62
13650-0137 EA Sunny Boy PC Service Cable (SMA).....	207.86	5.28
13650-0138 EA Integrated Revenue Grade Meter, Option (PVPowered)	2,765.33	
13650-0139 EA Data Monitoring Module (PVPowered PVM1010)	291.81	17.62
13650-0140 EA Wireless IG Personal Display (Fronius 4,240,108)	356.15	
13650-0141 EA DatCom Power Supply (Fronius 43,0001,2311)	98.91	
13650-0142 EA Wireless Card For IG Personal Display (Fronius 4,240,008,Z).....	176.45	17.62
13650-0143 EA Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z).....	172.14	17.62
13650-0144 EA Datalogger Pro Box (Fronius 4,240,102)	743.53	17.62
13650-0145 EA Datalogger Easy Box (Fronius 4,240,103).....	482.63	17.62
13650-0146 EA Datalogger Interface Box (Fronius 4,240,105).....	839.48	17.62
13650-0147 EA Datalogger Web (Fronius 4,240,122).....	1,332.17	17.62
13650-0148 EA Interface Box (Fronius 4,240,109)	386.68	17.62
13650-0149 EA Interface Card (Fronius 4,240,009,Z).....	235.75	17.62
13650-0150 EA Interface Card Easy (Fronius 4,240,013,Z).....	213.11	17.62
13650-0151 EA Sensor Box (Fronius 4,240,104)	743.53	17.62
13650-0152 EA Ambient Temperature Sensor (Fronius 43,0001,1188).....	85.89	17.62
13650-0153 EA Irradiance Sensor (Fronius 43,0001,1188)	269.17	17.62
13650-0154 EA Module Temperature Sensor (Fronius 43,0001,1190).....	141.95	17.62
13650-0155 EA Wind Speed Sensor (Fronius 42,0411,0027).....	155.62	35.22
13650-0156 Photovoltaic System Accessories <small>(13650)</small>		
13650-0157 EA Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	470.67	35.22
13650-0158 EA Line Communication Filter (Enphase LCF).....	936.47	70.45
13650-0159 EA 15 Meter RS 485 Communication Cable (SMA)	117.30	5.28
13650-0160 EA 15 Meter RS 232 Communication Cable (SMA)	117.30	5.28

13000 Special Construction
13600 Solar And Wind Energy Equipment
13650 Photovoltaic Collectors



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13650-0161 EA 24" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	19.30	1.74
13650-0162 EA 36" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	20.37	1.74
13650-0163 EA 48" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	21.45	1.74
13650-0164 EA 72" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	23.61	1.74
13650-0165 EA 120" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	26.84	1.74
13650-0166 EA 240" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	42.91	3.49
13650-0167 EA 360" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	58.01	3.49
13650-0168 EA 420" #10AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	69.75	5.23
13650-0169 EA 36" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	24.15	1.74
13650-0170 EA 120" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	33.31	1.74
13650-0171 EA 240" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	49.38	3.49
13650-0172 EA 360" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	65.55	3.49
13650-0173 EA 600" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	106.85	6.98
13650-0174 EA 1200" #10AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	164.53	6.98
13650-0175 EA Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery.....	1,897.90	190.20
Note: Tamper proof enclosure.		
13650-0176 Photovoltaic Mounting Systems ⁽¹³⁶⁵⁰⁾		
13650-0177 LF Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	7.04	1.76
13650-0178 EA Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229).....	21.18	8.80
13650-0179 EA Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216).....	26.22	8.80
13650-0180 EA 8" x 3/8" Hanger Bolt (UNIRAC 310046).....	13.54	3.52
Note: Supports mounting rail above tile or metal roof.		
13650-0181 EA Mounting Rail Grounding Clip (UNIRAC 980006).....	6.69	2.64
Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.		
13650-0182 EA Mounting Rail Grounding Lugs (UNIRAC 980012).....	13.78	3.52
Note: Two grounding lugs for each rail splice and one additional lug for each rail.		
13650-0183 EA Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002).....	3.69	1.17
Note: Four for each row of modules you plan to mount.		
13650-0184 EA Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008).....	3.85	1.17
Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.		
13650-0185 EA Photovoltaic Module Mount L-Feet (UNIRAC 310065).....	9.86	3.52
13650-0186 EA 12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121).....	58.16	17.62
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
13650-0187 EA 30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122).....	63.60	17.62
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
13650-0188 EA 44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123).....	68.43	17.62
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
13650-0189 EA 12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	85.44	26.42
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
13650-0190 EA 44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108).....	102.35	26.42
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
13650-0191 EA 72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109).....	118.04	26.42
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
13650-0192 EA 18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111).....	131.43	35.22
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
13650-0193 EA 64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112).....	172.48	35.22
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
13650-0194 EA 104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110).....	242.72	52.84
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
13650-0195 EA Ballasted Photovoltaic Module Frame (UNIRAC 310351).....	115.63	
Note: Excludes ballast.		
13650-0196 EA Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355).....	213.64	
Note: Excludes ballast.		
13650-0197 EA 3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051).....	46.49	17.62
13650-0198 EA 4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052).....	46.99	17.62
13650-0199 EA 6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053).....	47.50	17.62
13650-0200 EA 7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054).....	48.70	17.62
13650-0201 EA 3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553).....	43.32	17.62
13650-0202 EA 4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554).....	43.92	17.62
13650-0203 EA 6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555).....	45.18	17.62
13650-0204 EA 7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556).....	45.89	17.62
13650-0205 EA 3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390).....	80.16	26.42
13650-0206 EA 4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391).....	80.46	26.42
13650-0207 EA 7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394).....	81.19	26.42
13650-0208 EA Photovoltaic Module RapidFoot Standoff Assembly (UNIRAC 310370).....	86.05	26.42
13650-0209 EA Photovoltaic Module Standoff Flashing (UNIRAC 990103).....	17.01	3.52
13650-0210 EA Photovoltaic Module Standoff EPDM Patch (UNIRAC 990161).....	11.29	3.52
13650-0211 EA 1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100).....	23.38	5.28
13650-0212 EA 3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100).....	24.58	5.28
13650-0213 EA Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100).....	5.97	1.17
Note: Mid or end clamp.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13650-0214 EA Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	26.62	3.52
13650-0215 EA Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	1.50	

13700 Security Access And Surveillance (13000)

Note: Includes terminations for equipment and devices. Excludes wiring.

13720 Security Access System (13700)

Note: Includes programming of equipment, testing of new devices and certification.

13720-0001 Access Control Systems (13720)

13720-0002 Stand Alone Access Controls (13720-0001)

13720-0003 Push Button Controls, Stand Alone Access Controls (13720-0002)

13720-0004 Interior Mount, Push Button Controls, Stand Alone Access Controls (13720-0003)

13720-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls	71.22	17.62
		Note: Controls mount to a standard mullion.		
13720-0006	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls	74.22	17.62
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
13720-0007	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators	89.22	17.62
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

13720-0008 Exterior Mount, Push Button Controls, Stand Alone Access Controls (13720-0003)

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

13720-0009	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls	87.22	17.62
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
13720-0010	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls	404.67	52.84
		Note: Includes post, mounting base and push button control. Excludes concrete foundation.		
13720-0011	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators	132.72	17.62
		Note: Includes open, close and stop controls.		
13720-0012	EA	Operator Reset Control, Exterior Stand Alone Access Controls For Gate Operators	173.22	17.62
		Note: Includes audible and visual alarm.		

13720-0013 Key Controls, Stand Alone Access Controls (13720-0002)

13720-0014 Interior Mount, Key Controls, Stand Alone Access Controls (13720-0013)

13720-0015	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls	97.10	17.62
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

13720-0016 Exterior Mount, Key Controls, Stand Alone Access Controls (13720-0013)

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

13720-0017	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls	145.07	35.22
		Note: Opens door or gate with a postal or fire department key.		
13720-0018	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	232.45	35.22
13720-0019	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	232.45	35.22
13720-0020	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	346.45	35.22

13720-0021 Keypad Controls, Stand Alone Access Controls (13720-0002)

13720-0022 Interior Mount, Keypad Controls, Stand Alone Access Controls (13720-0021)

13720-0023	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls	132.72	17.62
		Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.		

13720-0024 Exterior Mount, Keypad Controls, Stand Alone Access Controls (13720-0021)

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

13720-0025 Keypad Controls, Exterior Stand Alone Access Controls (13720-0024)

13720-0026	EA	2 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	473.89	70.45
		Note: Includes lighted keypad. Stores two 4-digit entry codes, two 5-digit entry codes and one 4-digit hold code.		
		<i>13MOD-0067 For Flush Mount Keypad Controls, Add</i> 53.28		
13720-0027	EA	10 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	554.89	70.45
		Note: Includes lighted keypad. Stores ten 4-digit entry codes and six 5-digit entry codes.		
		<i>13MOD-0067 For Flush Mount Keypad Controls, Add</i> 66.24		
13720-0028	EA	50 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	614.89	70.45
		Note: Includes lighted keypad. Stores fifty 4-digit entry codes and six 5-digit entry codes.		
		<i>13MOD-0067 For Flush Mount Keypad Controls, Add</i> 75.84		
13720-0029	EA	100 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	674.89	70.45
		Note: Includes lighted keypad. Stores one hundred 4-digit entry codes and six 5-digit entry codes.		
		<i>13MOD-0067 For Flush Mount Keypad Controls, Add</i> 85.44		
13720-0030	EA	250 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	734.89	70.45
		Note: Includes lighted keypad. Stores two hundred and fifty 4-digit entry codes and six 5-digit entry codes.		
		<i>13MOD-0067 For Flush Mount Keypad Controls, Add</i> 95.04		
13720-0031	EA	500 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	794.89	70.45
		Note: Includes lighted keypad. Stores five hundred 4-digit entry codes and six 5-digit entry codes.		
		<i>13MOD-0067 For Flush Mount Keypad Controls, Add</i> 104.64		

13000	Special Construction
13700	Security Access And Surveillance
13720	Security Access System



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13720-0032	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. 13MOD-0067 For Flush Mount Keypad Controls, Add	854.89 114.24	70.45
13720-0033		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls <small>(13720-0024)</small> Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
13720-0034	EA	2 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores two 4-digit entry codes, two 5-digit entry codes and one 4-digit hold code.	587.51	79.25
13720-0035	EA	10 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores ten 4-digit entry codes and six 5-digit entry codes.	668.51	79.25
13720-0036	EA	50 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores fifty 4-digit entry codes and six 5-digit entry codes.	728.51	79.25
13720-0037	EA	100 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one hundred 4-digit entry codes and six 5-digit entry codes.	788.51	79.25
13720-0038	EA	250 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores two hundred and fifty 4-digit entry codes and six 5-digit entry codes.	848.51	79.25
13720-0039	EA	500 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores five hundred 4-digit entry codes and six 5-digit entry codes.	908.51	79.25
13720-0040	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	968.51	79.25
13720-0041		RF Controls, Stand Alone Access Controls <small>(13720-0002)</small>		
13720-0042		Exterior Mount, RF Controls, Stand Alone Access Controls <small>(13720-0041)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
13720-0043		RF Receivers, RF Controls, Exterior Stand Alone Access Controls <small>(13720-0042)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
13720-0044	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	343.39	70.45
13720-0045	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	383.89	70.45
13720-0046	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	422.89	70.45
13720-0047	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	464.89	70.45
13720-0048	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	503.89	70.45
13720-0049	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	545.89	70.45
13720-0050	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	584.89	70.45
13720-0051		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls <small>(13720-0042)</small>		
13720-0052	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	27.00	
		13MOD-0068 For > 40 To 110, Deduct	-1.35	
		13MOD-0069 For > 110, Deduct	-2.70	
		13MOD-0070 For Built In Proximity Tags, Add	5.40	
13720-0053	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	28.50	
		13MOD-0068 For > 40 To 110, Deduct	-1.43	
		13MOD-0069 For > 110, Deduct	-2.85	
		13MOD-0070 For Built In Proximity Tags, Add	5.70	
13720-0054	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	30.00	
		13MOD-0068 For > 40 To 110, Deduct	-1.50	
		13MOD-0069 For > 110, Deduct	-3.00	
		13MOD-0070 For Built In Proximity Tags, Add	6.00	
13720-0055		Accessories For RF Receivers, Exterior Stand Alone Access Controls <small>(13720-0042)</small>		
13720-0056	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	141.67	52.84
13720-0057	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	225.67	52.84
13720-0058	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls..... Note: Includes 15' of coax cable.	234.67	52.84
13720-0059		Proximity Card Controls, Stand Alone Access Controls <small>(13720-0002)</small>		
13720-0060		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls <small>(13720-0059)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
13720-0061		DKS Proximity Card Controls, Exterior Stand Alone Access Controls <small>(13720-0060)</small>		
13720-0062		DKS Proximity Card Readers, Exterior Stand Alone Access Controls <small>(13720-0061)</small>		
13720-0063	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls.....	661.39	70.45
13720-0064		AWID Proximity Card Controls, Exterior Stand Alone Access Controls <small>(13720-0060)</small>		
13720-0065		AWID Proximity Card Readers, Exterior Stand Alone Access Controls <small>(13720-0064)</small>		
13720-0066	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls.....	676.39	70.45
13720-0067		HID Proximity Card Controls, Exterior Stand Alone Access Controls <small>(13720-0060)</small>		
13720-0068		HID Proximity Card Readers, Exterior Stand Alone Access Controls <small>(13720-0067)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13720-0069	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls.....	803.89	70.45
13720-0070		Magnetic Stripe Card Controls, Stand Alone Access Controls (13720-0002)		
13720-0071		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls (13720-0070)		
13720-0072	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls.....	440.89	70.45
13720-0073		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls (13720-0070)		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
13720-0074	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls.....	490.89	70.45
13720-0075		Other Stand Alone Access Controls (13720-0002)		
13720-0076	EA	Toggle Switch, Interior Access Controls For Gate Operators	67.84	17.62
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
13720-0077		Wiegand Output Access Controls (13720-0001)		
		Note: Excludes controllers.		
13720-0078		Proximity Card Controls, Wiegand Output Access Controls (13720-0077)		
13720-0079		DKS, Proximity Card Controls, Wiegand Output Access Controls (13720-0078)		
13720-0080		DKS, Proximity Cards (13720-0079)		
13720-0081	EA	Clamshell Type, DKS Proximity Card (DKS 170).....	3.71	
13720-0082	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80).....	6.23	
13720-0083	EA	DKS Proximity Key Fob (DKS 50).....	5.95	
13720-0084	EA	Active Tag, DKS Proximity Tag (DKS 150).....	39.20	
		Note: Battery powered tag to boost signal.		
13720-0085	EA	Active Tag, DKS Proximity Tag (DKS 200).....	44.10	
		Note: Battery powered tag to boost signal.		
13720-0086		DKS, Proximity Card Readers, Wiegand Output Access Controls (13720-0079)		
13720-0087	EA	Up To 4" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Tiny)	327.31	88.06
		Note: For mullion mounting.		
13720-0088	EA	Up To 4" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS 10)	327.31	88.06
		Note: For mullion mounting.		
13720-0089	EA	Up To 12" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS 30)	540.11	88.06
		Note: Includes 12 VDC regulated power supply.		
13720-0090	EA	Up To 18" Read Range, 5-12 VDC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS 70)	1,305.56	88.06
		Note: Includes mounting bracket and 12 VDC regulated power supply.		
13720-0091		AWID, Proximity Card Controls, Wiegand Output Access Controls (13720-0078)		
13720-0092		AWID, Proximity Cards (13720-0091)		
13720-0093	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS).....	3.64	
13720-0094	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR).....	5.53	
13720-0095	EA	AWID Proximity Key Fob (AWID Prox-Linc KT).....	5.88	
13720-0096	EA	Windshield Tag For LR 911 Readers, AWID Proximity Tag.....	19.60	
13720-0097	EA	Metal Mount Tag For LR 911 Readers, AWID Proximity Tag	19.60	
13720-0098		AWID, Proximity Card Readers, Wiegand Output Access Controls (13720-0091)		
13720-0099	EA	Up To 4" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)	327.31	88.06
		Note: For mullion mounting.		
13720-0100	EA	Up To 8" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	402.91	88.06
		Note: For mullion mounting.		
13720-0101	EA	Up To 8" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	500.11	88.06
		Note: For single gang electrical box mounting.		
13720-0102	EA	Up To 24" Read Range, 5-12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824)	631.11	88.06
		Note: Includes 12 VDC regulated power supply.		
13720-0103	EA	Up To 11' Read Range, 12 VDC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 911)	2,305.16	88.06
		Note: Includes mounting bracket and 12 VDC regulated power supply.		
13720-0104		HID, Proximity Card Controls, Wiegand Output Access Controls (13720-0078)		
13720-0105		HID, Proximity Cards (13720-0104)		
13720-0106	EA	Clamshell Type, HID Proximity Card (HID ProxCard II).....	9.62	
13720-0107	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II).....	12.14	
13720-0108	EA	HID Proximity Key Fob (HID ProxKey II)	12.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13720-0109 HID, Proximity Card Readers, Wiegand Output Access Controls (13720-0104)		
13720-0110 EA Up To 3" Read Range, 5-16 VDC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005)	289.27	88.06
13720-0111 EA Up To 5" Read Range, 5-16 VDC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395)	334.99	88.06
13720-0112 EA Up To 5" Read Range, 5-16 VDC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365)	369.28	88.06
13720-0113 EA EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P	461.87	88.06
13720-0114 Contactless Smart Card Controls, Wiegand Output Access Controls (13720-0077)		
13720-0115 HID, Contactless Smart Cards (13720-0114)		
13720-0116 EA 2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	3.02	
13720-0117 EA 16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	6.54	
13720-0118 EA 16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	9.15	
13720-0119 EA 16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	5.61	
13720-0120 HID, Contactless Smart Card Readers, Wiegand Output Access Controls (13720-0114)		
13720-0121 EA Up To 3-1/4" Read Range, 5-16 VDC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	285.01	88.06
13720-0122 EA Up To 4-1/4" Read Range, 5-12 VDC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	373.01	88.06
13720-0123 EA Up To 4-1/4" Read Range, 5-12 VDC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	550.11	88.06
13720-0124 HID, Contactless Smart Card Programmer, Wiegand Output Access Controls (13720-0114)		
13720-0125 EA HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	2,045.01	88.06
13720-0126 Call Station Controls, Wiegand Output Access Controls (13720-0077)		
Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
13720-0127 EA Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	716.11	88.06
13720-0128 EA Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	603.61	88.06
13720-0129 Biometrics Readers, Wiegand Output Access Controls (13720-0077)		
13720-0130 EA Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	3,066.84	70.45
13720-0131 EA CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls.....	3,739.19	70.45
13720-0132 EA Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls.....	1,492.37	70.45
13720-0133 EA Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass).....	1,008.79	70.45
13720-0134 EA Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox).....	1,019.79	70.45
13720-0135 EA Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,345.39	70.45
13720-0136 Exterior Mounting Posts For Gate Operator Access Controls (13720-0001)		
Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
13720-0137 2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls (13720-0136)		
13720-0138 EA 44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	192.68	16.09
13720-0139 EA 73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	454.18	16.09
13720-0140 EA Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	174.68	16.09
13720-0141 4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls (13720-0136)		
13720-0142 EA 59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	341.18	16.09
13720-0143 EA 49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	389.18	16.09



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13720-0144 EA Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	249.68	16.09
13720-0145 4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls (13720-0136)		
13720-0146 EA 59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	1,104.68	16.09
13720-0147 EA 50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	1,157.18	16.09
13720-0148 EA Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	474.68	16.09
13720-0149 EA 48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	759.68	16.09
13720-0150 Access Control Accessories (13720-0001)		
13720-0151 EA Modem: Multitech, Mt2834L.....	1,176.87	
13720-0152 EA 6 VDC, 12 VDC Or 24 VDC @ 4 Amps, Power Supply/Charger (Altronix SMP-5)	313.02	
13720-0153 EA 12 Volt, 7 Amp, Battery	39.51	
13720-0154 EA 12 Volt, 18 Amp, Battery	88.08	
13720-0155 EA Door Personality Module (Sensormatic RM-4).....	339.78	17.62
13720-0156 EA Mini-Alert Door Ajar Sounder (System Sensor PA400).....	145.60	35.22
13720-0157 EA Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C).....	52.52	21.14
13720-0158 EA Access Control Systems Power Supply (Altronix AL400ULACMCB).....	365.28	14.09
13720-0159 EA Surge Suppressor (Tripp-Lite IBAR4).....	55.62	3.53
13720-0160 EA Door Strike Relay (Altronix RBSN-TTL).....	43.16	14.09
13720-0161 Access Controllers (13720-0001)		
13720-0162 Microterm Controller (13720-0161)		
13720-0163 EA Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICIP1100)..... Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	838.92	88.06
13720-0164 EA Microterm PC Board (Continental Instruments CICIP1100PCB)	594.40	52.84
13720-0165 EA Battery Standby For Microterm (Continental Instruments CICIP1100BAT-2)	275.86	
13720-0166 Miniterm Controller (13720-0161)		
13720-0167 EA Miniterm Two Reader Processing Panel (Continental Instrument CICIP1200)..... Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,293.97	88.06
13720-0168 EA Miniterm PC Board (Continental Instrument CICIP1200PCB)	966.33	52.84
13720-0169 Super-2 Controller (13720-0161)		
13720-0170 EA Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300)..... Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	966.81	88.06
13720-0171 EA Super-Two - PC Board (Continental Instruments CICIP1300BD).....	653.65	52.84
13720-0172 EA Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD)	190.44	52.84
13720-0173 Smarterm Controller (13720-0161)		
13720-0174 EA Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400)..... Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,686.76	105.67
13720-0175 EA Smarterm PC Board (Continental Instrument CICIP1400PCB)	2,050.45	52.84
13720-0176 EA Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1)..... Note: Up to 10,000 cardholders.	805.87	52.84
13720-0177 EA Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1)..... Note: Up to 50,000 cardholders.	1,140.17	52.84
13720-0178 EA Smarterm Relay Expander Board (Continental Instrument CICIP1400RB)..... Note: 16 Output relays, 8 alarm inputs.	889.67	52.84
13720-0179 EA Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB)..... Note: (Supervised) 16 alarm inputs.	889.67	52.84
13720-0180 Superterm-4 Controller (13720-0161)		
13720-0181 EA Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400UL)..... Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,482.76	105.67
13720-0182 EA Superterm-4 PC Board (Continental Instrument CICIP1400ULPCB).....	2,016.16	52.84
13720-0183 Superterm-8 Controller (13720-0161)		
13720-0184 EA Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800)..... Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	3,317.94	176.11

13000 Special Construction
13700 Security Access And Surveillance
13720 Security Access System



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13720-0185	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	3,596.52	176.11
13720-0186	EA	Superterm-8 PC Board (Continental Instrument CICIP1800PCB)	2,710.45	52.84
13720-0187		Turbo Superterm-4 Controller (13720-0161)		
13720-0188	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,482.76	105.67
13720-0189	EA	Turbo Superterm-4 PC Board (Continental Instrument CICIP1400ULTPCB)	2,016.16	52.84
13720-0190		Turbo Superterm-8 Controller (13720-0161)		
13720-0191	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	3,317.94	176.11
13720-0192	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	3,596.52	176.11
13720-0193	EA	Turbo Superterm-8 PC Board (Continental Instrument CICIP1800TPCB)	2,710.45	52.84
13720-0194	EA	Superterm Memory Board - 2MB (Continental Instrument CICIP1800MB2) Note: Up to 140,000 cardholders.	1,140.17	52.84
13720-0195	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICIP1800MB2X2) Note: Up to 140,000 cardholders.	961.87	52.84
13720-0196	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICIP1800RB) Note: 16 Output relays, 8 alarm inputs.	890.57	52.84
13720-0197	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICIP1800RB) Note: (Supervised) 16 Alarm inputs.	890.57	52.84
13720-0198	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICIP1800PPWS).....	357.33	
13720-0199		Access Control Bundled System (13720-0001)		
13720-0200	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)..... Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	17,810.64	
13720-0201		Magnetic Locks (13720-0001) Note: Excludes access controls.		
13720-0202		Magnetic Door Locks (13720-0201)		
13720-0203		300# Magnetic Door Locks (13720-0202)		
13720-0204	EA	Single Door, Surface Mount, 300# Magnetic Door Lock	311.14	70.45
13720-0205		600# Magnetic Door Locks (13720-0202)		
13720-0206	EA	Single Door, Surface Mount, 600# Magnetic Door Lock	428.51	70.45
		13MOD-0064 For LED Status Indicator And Signal Relay, Add	35.95	
		13MOD-0065 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	71.91	
		13MOD-0066 For Mortise Mount, Deduct	-57.52	
13720-0207	EA	Dual Doors, Surface Mount, 600# Magnetic Door Lock	623.14	70.45
		13MOD-0064 For LED Status Indicator And Signal Relay, Add	60.28	
		13MOD-0065 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	120.56	
13720-0208		1200# Magnetic Door Locks (13720-0202)		
13720-0209	EA	Single Door, Surface Mount, 1200# Magnetic Door Lock	449.89	70.45
		13MOD-0062 For LED Status Indicator And Signal Relay, Add	71.07	
		13MOD-0063 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	92.70	
13720-0210	EA	Dual Doors, Surface Mount, 1200# Magnetic Door Lock	663.64	70.45
		13MOD-0062 For LED Status Indicator And Signal Relay, Add	120.23	
		13MOD-0063 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	156.83	
13720-0211		2000# Shear Lock, Magnetic And Mechanical Locks (13720-0202)		
		Note: Includes LED status indicator and built-in signal relay.		
13720-0212	EA	Single Door, Mortise Mount, 2000# Shear Lock, Magnetic And Mechanical Door Lock	465.64	70.45
13720-0213		Magnetic Gate Locks (13720-0201)		
13720-0214		600# Magnetic Gate Locks (13720-0213)		
13720-0215	EA	600# Magnetic Gate Lock	358.39	70.45
13720-0216		1200# Magnetic Gate Locks (13720-0213)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13720-0217 EA 1200# Magnetic Gate Lock.....	422.14	70.45
13MOD-0064 For LED Status Indicator And Signal Relay, Add	35.16	
13MOD-0065 For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	70.31	
13MOD-0066 For Mortise Mount, Deduct	-56.25	
13720-0218 Magnetic Lock Power Supply And Chargers (13720-0201)		
Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
13720-0219 EA 12/24 VDC At 1 Amp, Magnetic Lock Backup Power Supply And Charger	278.93	70.45
13720-0220 EA 12/24 VDC At 2-1/2 Amp, Magnetic Lock Backup Power Supply And Charger	344.53	70.45
13720-0221 EA 12 VDC At 4 Amp And 24 VDC At 3 Amp, Magnetic Lock Backup Power Supply And Charger.....	384.53	70.45
13720-0222 EA 12/24 VDC At 6 Amp, Magnetic Lock Backup Power Supply And Charger	468.33	70.45
13720-0223 Personnel Alarm Locating System (13720)		
Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables		
13720-0224 EA Personnel Alarm Locating System.....	11,158.64	565.59
Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.		
13720-0225 EA Personnel Alarm Transmitters With Lithium Batteries.....	86.90	
13720-0226 EA Lapel Reader	33.42	
13720-0227 EA IR Locator	129.23	
13720-0228 EA Repeaters And Receivers.....	321.67	21.18
		70.58
13740 Closed Circuit Television And Surveillance Systems (Vicon) (13700)		
Note: Includes a 3 year manufacturer's warranty. Use Vicon replacement models, "or equal", when the listed models are superseded.		
13740-0001 Vicon CCTV Factory Project Management Program (13740)		
Note: For first time installations at a facility.		
13740-0002 EA Factory Project Management Program For 1 To 20 Camera System Vicon CCTV Installation Support.....	3,043.20	
Note: Includes two site visits by a Vicon technical representative. First site visit to generate punch list and 2nd site visit for final inspection and training.		
13740-0003 EA Factory Project Management Program For 21 To 40 Camera System Vicon CCTV Installation Support.....	3,804.00	
Note: Includes two site visits by a Vicon technical representative. First site visit to generate punch list and 2nd site visit for final inspection and training.		
13740-0004 EA Factory Project Management Program For > 40 Camera System Vicon CCTV Installation Support.....	4,564.80	
Note: Includes three site visits by a Vicon technical representative. First site visit during installation commencement, 2nd to generate punch list, and 3rd site visit for final inspection and training.		
13740-0005 Digital Video Transport And Storage Systems (13740)		
13740-0006 Kollector Pro Digital Recorders (13740-0005)		
13740-0007 EA 2-Port KVM Switch.....	109.23	7.91
Note: Allows control of two Kollectors from one keyboard, mouse, and monitor. Vicon model VTK-2051.		
13740-0008 EA 16-Channel Digital Recorder, 30 fps, 160 GB HDD	3,518.83	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-160.		
13740-0009 EA 16-Channel Digital Recorder, 30 fps, 160 GB HDD	3,769.89	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog video matrix. Vicon model KPX30M-160.		
13740-0010 EA 16-Channel Digital Recorder, 30 fps, 320 GB HDD	3,913.23	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-320.		
13740-0011 EA 16-Channel Digital Recorder, 30 fps, 320 GB HDD	4,164.29	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX30M-320.		
13740-0012 EA 16-Channel Digital Recorder, 30 fps, 500 GB HDD	4,308.54	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-500.		
13740-0013 EA 16-Channel Digital Recorder, 30 fps, 500 GB HDD	4,559.60	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX30M-500.		
13740-0014 EA 16-Channel Digital Recorder, 60 fps, 250 GB HDD	4,259.24	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX60-250.		
13740-0015 EA 16-Channel Digital Recorder, 60 fps, 250 GB HDD	4,510.30	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-250.		
13740-0016 EA 16-Channel Digital Recorder, 60 fps, 400 GB HDD	4,752.24	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX60-400.		
13740-0017 EA 16-Channel Digital Recorder, 60 fps, 400 GB HDD	5,003.30	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-400.		
13740-0018 EA 16-Channel Digital Recorder, 60 fps, 660 GB HDD	5,246.15	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KP60-660.		
13740-0019 EA 16-Channel Digital Recorder, 60 fps, 660 GB HDD	5,497.21	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-660.		
13740-0020 EA 16-Channel Digital Recorder, 120 fps, 250 GB HDD	5,295.45	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-250.		
13740-0021 EA 16-Channel Digital Recorder, 120 fps, 250 GB HDD	5,546.51	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-250.		
13740-0022 EA 16-Channel Digital Recorder, 120 fps, 500 GB HDD	6,035.86	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-500.		
13740-0023 EA 16-Channel Digital Recorder, 120 fps, 500 GB HDD	6,286.92	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-500.		
13740-0024 EA 16-Channel Digital Recorder, 120 fps, 900 GB HDD	7,022.77	17.65
Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX120-900.		

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0025	EA	16-Channel Digital Recorder, 120 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-900.	7,273.83	17.65
13740-0026	EA	16-Channel Digital Recorder, 120 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-1200.	7,769.57	17.65
13740-0027	EA	16-Channel Digital Recorder, 120 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-1200.	8,020.64	17.65
13740-0028	EA	16-Channel Digital Recorder, 240 fps, 320 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX240-320.	7,763.18	17.65
13740-0029	EA	16-Channel Digital Recorder, 240 fps, 320 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-320.	8,014.24	17.65
13740-0030	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX240-900.	9,243.09	17.65
13740-0031	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-900.	9,494.15	17.65
13740-0032	EA	16-Channel Digital Recorder, 240 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX24-1200.	9,983.50	17.65
13740-0033	EA	16-Channel Digital Recorder, 240 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX24M-1200.	10,234.56	17.65
13740-0034		Kollektor Elite Digital Recorders And Master Workstations (13740-0005)		
13740-0035	EA	16-Channel Digital Recorder, 120 fps, 250 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-250.	7,466.47	17.65
13740-0036	EA	16-Channel Digital Recorder, 120 fps, 500 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-500.	8,206.88	17.65
13740-0037	EA	16-Channel Digital Recorder, 120 fps, 900 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-900.	8,947.29	17.65
13740-0038	EA	16-Channel Digital Recorder, 120 fps, 1200 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1200.	9,688.61	17.65
13740-0039	EA	16-Channel Digital Recorder, 120 fps, 1600 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1600.	10,674.61	17.65
13740-0040	EA	16-Channel Digital Recorder, 240 fps, 320 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-300.	9,564.45	17.65
13740-0041	EA	16-Channel Digital Recorder, 240 fps, 660 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-660.	10,303.95	17.65
13740-0042	EA	16-Channel Digital Recorder, 240 fps, 900 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-900.	11,044.36	17.65
13740-0043	EA	16-Channel Digital Recorder, 240 fps, 1200 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1200.	11,783.86	17.65
13740-0044	EA	16-Channel Digital Recorder, 240 fps, 1600 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1600.	12,774.42	17.65
13740-0045	EA	16-Channel Digital Recorder, 480 fps, 250 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-250.	11,934.50	17.65
13740-0046	EA	16-Channel Digital Recorder, 480 fps, 1200 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1200.	14,031.56	17.65
13740-0047	EA	16-Channel Digital Recorder, 480 fps, 1600 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1600.	15,043.12	17.65
13740-0048		Kollektor Network Servers (13740-0005)		
13740-0049	EA	Kollektor Network Server, 120 fps, 40 GB HD, 4 Sensor Channels Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-40.	3,765.02	17.65
13740-0050	EA	Kollektor Network Server, 120 fps, 400 GB HD, 4 Sensor Channels Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-400.	4,875.79	17.65
13740-0051	EA	Kollektor Network Server, 120 fps, 800 GB HD, 4 Sensor Channels Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-800.	6,233.06	17.65
13740-0052		ViconNet IP Video Servers And Camera/Server (13740-0005)		
13740-0053	EA	ViconNet 1-Channel Video Server Note: Accepts 1 analog video input for transmission over TCP/IP network (30 fps total). Includes ViconNet VN100V3 4-channel viewing software. Vicon model VN-301TV3.	804.60	17.65
13740-0054	EA	ViconNet 4-Channel Digital Video Server Note: 120 fps, ViconNet VN100V3 4-channel viewing software. Vicon model KTX-4.	1,435.46	17.65
13740-0055	EA	IP Camera/ 4-Channel Digital Video Server Note: 120 fps, ViconNet Version 3.0; audio input/output; power over ethernet capability. Vicon model VN-755IPV3.	1,052.01	17.65



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0056	EA	Alarm/Audio Accessory Kit For VN-755IP..... Note: Provides for alarm and audio capability. Vicon model VN-755KIT.	39.19	7.06
13740-0057	EA	Double Width Rack Kit For Use With KTX-4 IP Encoder Note: Mounts two (2) KTX-4 encoders in standard 19" rack. Vicon model KX-4-RK2.	106.82	4.20
13740-0058		ViconNet Software Enhancement <small>(13740-0005)</small>		
13740-0059	EA	Viconnet Software Enhancements For Kollector Elite Recorders Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SE.	964.12	
13740-0060	EA	Viconnet Software Enhancements For Kollector Pro Recorders..... Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SE.	835.60	
13740-0061	EA	Viconnet Software Enhancements For Kollector Network Servers Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KN-SE.	626.95	
13740-0062	EA	Viconnet Software Enhancements For Master Workstations..... Note: For ViconNet VN1000/5000 master workstations and software. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-1000-SE.	213.39	
13740-0063	EA	Viconnet Software Enhancements For 16-Channel Viewer Software Note: For ViconNet VN500. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-500-SE.	64.05	
13740-0064		ViconNet Software Maintenance Programs <small>(13740-0005)</small>		
13740-0065	EA	ViconNet Software Maintenance For Kollector Elite Recorders..... Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SM.	122.09	
13740-0066	EA	ViconNet Software Maintenance For Kollector Pro Recorders Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SM.	109.23	
13740-0067	EA	ViconNet Software Maintenance For Master Workstations..... Note: For ViconNet VN1000/5000 master workstations and software. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-1000-SM.	57.83	
13740-0068	EA	ViconNet Software Maintenance For 16-Channel Viewer..... Note: For ViconNet VN500. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-500-SM.	32.12	
13740-0069		ViconNet Options <small>(13740-0005)</small>		
13740-0070	EA	16-Bay Raid Storage Unit, 16-160 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-160.	11,105.22	17.65
13740-0071	EA	16-Bay Raid Storage Unit, 16-250 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-250.	13,364.80	17.65
13740-0072	EA	Network Switch, 8-Channel LAN Connections..... Note: 10/100 Autosensing ports. Vicon model NETSWITCH-8.	147.49	11.76
13740-0073	EA	Network Switch, 16-Channel LAN Connections Note: 10/100 Autosensing ports. Vicon model NETSWITCH-16.	188.57	11.76
13740-0074	EA	Network Switch, 24-Channel LAN Connections..... Note: 10/100/1000 Autosensing ports. Vicon model NETSWITCH-24.	756.13	11.76
13740-0075	EA	Uninterruptible Power Supply, Desk-top, 725 VA/450W Note: USB control port, 120 VAC input/output. Vicon model V725-UPS.	161.18	11.76
13740-0076	EA	8-Bay Raid Storage Unit, 8-250 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection, includes eight 250 GB hot swappable hard drives. Vicon model VN-RAID-8-250.	7,120.46	17.65
13740-0077	EA	17" S-VGA Monitor Note: For use with Kollector Elite and Kollector Pro Recorders and VN-NVR Workstation. Vicon model VN-MON.	287.47	11.76
13740-0078	EA	17" S-VGA TFT LCD Monitor..... Note: For use with Kollector Elite and Kollector Pro Recorders and VN-NVR Workstation. Vicon model VN-17FLT.	640.48	11.76
13740-0079	EA	PC-To-TV Converter, Self-Powered USB Interface Note: VGA in and VGA out connections, composite and S-video (NTSC) output. Vicon model VGEZ-1000.	140.18	11.76
13740-0080		AurorACorD Digital Video Multiplexer And Recorder <small>(13740-0005)</small>		
13740-0081	EA	Digital Video Multiplexer And Recorder, 30 fps, 80 GB HDD..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD80.	2,281.46	17.65
13740-0082	EA	Digital Video Multiplexer And Recorder, 30 fps, 160 GB HDD..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD160.	2,409.28	17.65
13740-0083	EA	Digital Video Multiplexer And Recorder, 30 fps, 2-160 GB HDDs..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD320.	2,733.38	17.65
13740-0084	EA	Digital Video Multiplexer And Recorder, 30 fps, 2-250 GB HDDs..... Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD500.	3,104.65	17.65

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0085		AurorACorD Options (13740-0005) Note: Also used for AurorA2000.		
13740-0086	EA	Remote Keyboard..... Note: Provides control for up to 16 AurorA 2000 or AurorACorD units and 16 VCRs. Vicon model AUR2K-KBD.	533.97	11.76
13740-0087		Digital Video Recorders (13740-0005)		
13740-0088	EA	4-Channel Digital Video Recorder, 120 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-12CD.	1,211.78	17.65
13740-0089	EA	4-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.	1,421.76	17.65
13740-0090	EA	8-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.	1,914.76	17.65
13740-0091	EA	4-Channel Digital Video Recorder, 500 GB Hard Drive, 30 fps..... Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-50CD.	1,928.45	17.65
13740-0092		ViconNet Network Video Recorder Software Version 3.0 (13740-0005)		
13740-0093	EA	ViconNet NVR And Workstation Software Note: For use with ViconNet 3.0 digital recorders, video servers and ViconNet IP cameras. Single PC license. Vicon model VN1000V3	1,298.51	
13740-0094	EA	ViconNet Multi-Pack, 10 User License Pack Of VN1000V3 NVR Note: Vicon model VN1000V3-10.	7,365.76	
13740-0095	EA	ViconNet 16-Channel Viewer Software, Version 3..... Note: Single PC license. Vicon model VN500V3.	562.67	
13740-0096	EA	ViconNet 4-Channel Viewer Software, Version 3..... Note: Single PC license. Vicon model VN500V3.	184.70	
13740-0097	EA	ViconNet-Hirsch Integration Software Note: To use ViconNet on a Hirsch Velocity access control workstation. Vicon model VN-HIRSCH-INT.	3,722.42	
13740-0098		Network Video Recorders Version 3.0 (13740-0005)		
13740-0099	EA	Network Video Recorder, 80 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-80.	3,149.08	17.65
13740-0100	EA	Network Video Recorder, 800 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-800.	5,121.99	17.65
13740-0101	EA	Network Video Recorder, 1200 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1200.	6,123.50	17.65
13740-0102	EA	Network Video Recorder, 1600 GB Internal HDD Storage..... Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1600.	7,100.37	17.65
13740-0103		ViconNet Version 3.0 Compatible Keypads Interface Converter (13740-0005)		
13740-0104	EA	RS-252/RS-422 Interface Converter Note: Required to allow matrix keyboard to work with all PC workstations and Kollector Elites and Pros with older version hardware backpanels (with RJ-45 connectors). Vicon model V422-CONV.	218.48	17.65
13740-0105		Cameras And Accessories (13740)		
13740-0106		Camera Dome Systems And Cameras (13740-0105)		
13740-0107		SurveyorVFT 22X High Sensitivity IP Camera Dome Systems (13740-0106)		
13740-0108	EA	Indoor/In-Ceiling, Color Camera Dome Note: Vicon model SVFT-C22. Includes variable-speed drive, in-ceiling metal housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,102.13	103.29
13740-0109	EA	Indoor/Pendant, Color Camera Dome Note: Vicon model SVFT-P22. Includes variable-speed drive; pendant upper housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome	2,225.23	109.34
13740-0110	EA	Outdoor Camera Dome Note: Vicon model SVFT-W22. Includes variable-speed drive, environmental housing, 22X high-sensitivity high-resolution camera/lens with ExView technology and clear outer dome.	2,285.82	112.31
13740-0111		SurveyorVFT 23X Day/Night Camera Dome Systems (13740-0106)		
13740-0112	EA	Indoor In-Ceiling Day/Night Camera Dome..... Note: Includes variable-speed drive, in-ceiling metal housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-C23.	2,286.13	112.31
13740-0113	EA	Indoor Pendant Day/Night Camera Dome Note: Includes variable-speed drive, pendant upper housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-P23.	2,408.93	118.36
13740-0114	EA	Outdoor Day/Night Camera Dome Note: Includes variable-speed drive, environmental housing, 23X high-resolution day/night camera/lens with wide dynamic range and clear outer dome. Vicon model SVFT-W23.	2,469.53	121.34
13740-0115		SurveyorVFT 35X Day/Night Camera Dome Systems (13740-0106) Note: Wide dynamic range and image stabilization camera dome systems.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0116 EA Outdoor Day/Night Camera Dome..... Note: Includes variable speed drive, environmental housing, 35X high-resolution day/night camera/lens with wide dynamic range and image stabilization and clear outer dome. Vicon model SVFT-W35	2,820.91	139.87
13740-0117 SurveyorVFT 22X Cost Effective Camera Dome Systems (13740-0106)		
13740-0118 EA Indoor/In-Ceiling, Color Camera Dome..... Note: Vicon model SVFT-C22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,498.01	73.61
13740-0119 EA Indoor/Pendant, Color Camera Dome Note: Vicon model SVFT-P22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome	1,543.45	75.84
13740-0120 EA Outdoor Variable-Speed Color Camera Dome Note: Vicon model SVFT-W22CA. Includes camera drive, environmental housing, 22X high-resolution color camera/lens and clear outer dome	1,621.10	79.65
13740-0121 SurveyorVFT Indoor Lower Dome Options (13740-0106)		
13740-0122 EA Smoked Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-SMK.	53.02	2.60
13740-0123 EA Chrome Lower Dome, For SurveyorVFT Indoor Domes..... Note: Vicon model SVFT-CHR.	115.52	5.68
13740-0124 EA Gold Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-GLD.	176.13	8.65
13740-0125 SurveyorVFT Video Transmission Options (13740-0106)		
13740-0126 EA Fiber Optic Option, For SurveyorVFT Domes Note: Vicon "F" option. Add -F suffix to any Surveyor VFT dome model number and substitute -30 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-F (8701-30)). Use with VF-1400 series fiber receivers only (found in Fiber optic section).	729.12	35.82
13740-0127 EA NVT Twisted Pair Option, For SurveyorVFT Domes..... Note: Vicon "T" option. Add -T suffix to any Surveyor VFT dome model number and substitute -40 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-T (8701-40)).	30.31	1.49
13740-0128 EA ViconNet TCP/IP Option, For SurveyorVFT Domes Note: Vicon "V3" option. Add "V3" suffix to any SurveyorVFT dome model number and substitute -25 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-V3 (8701-25)).	698.38	35.82
13740-0129 SurveyorVFT Hardware Options (13740-0106)		
13740-0130 EA Upgrade Kit, Converts Non-IP SurveyorVFT Domes To IP Version Note: Vicon model SVFT-IP-UPG	852.22	41.87
13740-0131 SurveyorVFT Pressurized Camera Dome Systems And Accessories (13740-0106)		
13740-0132 EA Wall Mount For SurveyorVFT Pressurized Domes Note: Vicon model SVFT-PR-WMA.	151.51	7.44
13740-0133 EA Pipe Adapter Note: For mounting SurveyorVFT Pressurized Domes to 1-1/2" diameter pipe. Vicon model SVFT-PR-P.	90.90	4.47
13740-0134 EA Fiber Optic Option For SurveyorVFT Pressurized Domes Note: Add -F suffix to any Surveyor VFT Pressurized dome model number and substitute -30 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-F (8769-30)). Use with VF-1400 series fiber receivers only (found in fiber optic section). Vicon model "F" Pressurized Option.	1,373.01	67.46
13740-0135 EA NVT Twisted Pair Option For SurveyorVFT Pressurized Domes..... Note: Add -T suffix to any Surveyor VFT Pressurized dome model number and substitute -40 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-T (8769-40)). Vicon model "T" Pressurized Option.	30.31	1.49
13740-0136 EA VICONNET TCP/IP Option For SurveyorVFT Pressurized Domes..... Note: Add "V3-V" suffix to any SurveyorVFT pressurized dome model number and substitute -25 at the end of the product code. Vicon model "V3" Pressurized Option. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-V3 (8769-25)).	997.74	49.03
13740-0137 EA Pressurized Camera Dome..... Note: Includes variable-speed camera drive, 22X high-resolution color camera with ExView technology and cast aluminum upper housing with clear lower dome. Vicon model SVFT-PRS22E.	2,957.75	156.52
13740-0138 EA Pressurized Camera Dome, Day/Night, 23X High-Resolution Note: Includes variable-speed drive, 23X high-resolution day/night camera with wide dynamic range, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS23.	3,127.98	162.10
13740-0139 EA Pressurized Camera Dome, Day/Night, 35X High-Resolution Note: Includes variable-speed drive, 35X high-resolution day/night camera with wide dynamic range and image stabilization, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS35.	3,405.52	162.10
13740-0140 EA Pre-Wired Coaxial Cable Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12.	215.46	
13740-0141 EA Pre-Wired Twisted Pair Cable..... Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12T.	233.72	
13740-0142 SurveyorVFT Impact-Resistant Camera Domes And Accessories (13740-0106)		
13740-0143 EA Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-resolution color camera/lens. Vicon model SVFT-M22.	1,911.23	93.91
13740-0144 EA Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-sensitivity high-resolution color camera/lens with ExView technology. Vicon model SVFT-M22E.	2,408.08	140.97

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0145 EA Impact-Resistant Camera Dome, 23X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 23X high-resolution day/night color camera with wide dynamic range. Vicon model SVFT-M23.	2,601.19	152.28
13740-0146 EA Impact-Resistant Camera Dome, 35X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 35X high-resolution day/night color camera with wide dynamic range and image stabilization. Vicon model SVFT-M35.	2,963.60	173.49
13740-0147 SurveyorVFT Fixed Camera Domes, Color <small>(13740-0106)</small>		
13740-0148 EA Outdoor Fixed Camera Dome, 5-50 mm Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 5-50 mm varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W550A.	905.23	44.48
13740-0149 EA In-Ceiling Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-C3312.	536.25	26.33
13740-0150 EA Pendant Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens..... Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-P3312.	581.71	28.57
13740-0151 EA Outdoor Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312.	720.26	35.36
13740-0152 EA Outdoor Fixed Camera Dome, 3.3-1 mm Autoiris Varifocal Lens, D/N Note: Includes 1/4" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312DN.	812.45	39.92
13740-0153 SurveyorVFT Power Supplies For Camera Domes <small>(13740-0106)</small>		
13740-0154 EA Power Supply, 28 VAC Output, 2.5 Amps..... Note: For indoor SurveyorVFT camera domes. Vicon model S28PS-1.	26.51	1.31
13740-0155 EA Power Supply, 28 VAC Output, 4 Amps..... Note: For outdoor SurveyorVFT camera domes. Vicon model S28WPS-1.	37.87	1.86
13740-0156 EA Power Supply, 24 VAC Output, 2.5 Amps..... Note: For outdoor SurveyorVFT camera domes. Vicon model S24WPS-1.	29.86	1.31
13740-0157 EA Power Supply, Four-Channel, 120 VAC Input, 24/28 VAC Output..... Note: 7/6.25 amps (total). Vicon model V2448-175PS.	151.51	7.44
13740-0158 EA Power Supply, Eight-Channel, 120 VAC Input, 24/28 VAC Output..... Note: 12.5/10 amps (total). Vicon model V248-300PS.	196.96	9.67
13740-0159 EA Power Supply, Eight-Channel, 120 VAC Input, 24 VAC Output..... Note: 25 amps (total). Vicon model V248-600PS.	227.25	11.17
13740-0160 EA Power Supply, Sixteen-Channel, 120 VAC Input, 24/28 VAC Output Note: 25/20 amps (total). Vicon model V2416-300PS.	337.09	16.57
13740-0161 EA Power Supply, Heavy Duty Single-Channel..... Note: For use with SurveyorVFT pressurized and outdoor impact-resistant camera domes; 28 VAC output, 6.25 amps. Vicon model S28HD-PS.	71.96	3.54
13740-0162 SurveyorVFT Dome Mounting Options <small>(13740-0106)</small>		
13740-0163 EA Ceiling Panel Support, For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-UCP.	60.60	2.97
13740-0164 EA Wall Mount, Indoor/Outdoor, For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-UWM.	109.84	5.39
13740-0165 EA Wall Mount, Indoor/Outdoor, Short Note: For SurveyorVFT camera dome systems. Vicon model SVFT-WM.	73.86	3.63
13740-0166 EA Ceiling Mount, Indoor/Outdoor For SurveyorVFT Camera Dome System Note: Vicon model SVFT-UCM.	37.87	1.86
13740-0167 EA Goose Neck Parapet Mount For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-UPM-1.	244.31	12.00
13740-0168 EA Goose Neck Roof Mount For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-URM-1.	397.71	19.54
13740-0169 EA In-Ceiling Mount Kit For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-IC-KT.	37.87	1.86
13740-0170 Cost-Effective Impact-Resistant Camera Dome <small>(13740-0106)</small>		
13740-0171 EA Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600W	369.12	17.65
13740-0172 EA Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: Day/Night, 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WDN	422.07	17.65
13740-0173 EA Outdoor 3" Camera Dome, IR Illuminated, Color 3.7mm Fixed Lens..... Note: 550 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WIR	397.42	17.65
13740-0174 EA Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: Wide dynamic range, color 3.3-12mm varifocal autoiris lens, 480 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610W	459.50	17.65
13740-0175 Fixed Position Domes <small>(13740-0106)</small>		
13740-0176 EA 3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600.	311.60	17.65
13740-0177 EA 3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens Note: 480 HTVL, wide dynamic range, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610.	433.94	17.65
13740-0178 EA Adapter Plate..... Note: To mount the VC-600/VC-610 into a 4" x 4" electrical box. Vicon model VC-610.	18.02	1.77



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
			13740-0179 Roughneck V926 Impact Resistant Camera Domes <small>(13740-0106)</small>		
	13740-0180	EA	In-Ceiling Dome Camera, Outdoor, 2.8 mm Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926FF-CA.	392.01	19.26
	13740-0181	EA	In-Ceiling Dome Camera, Outdoor, 3.36-12 Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.36-12mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926-W3312.	520.50	25.59
	13740-0182	EA	In-Ceiling Dome Camera, Outdoor, 3.3-12 Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926-W3312T.	543.22	26.70
	13740-0183	EA	In-Ceiling Dome Camera, 3.3-12mm Varifocal Autoiris Lens Note: Outdoor, includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926W3312DN.	594.45	25.59
			13740-0184 Roughneck V910 Impact Resistant Camera Domes <small>(13740-0106)</small>		
	13740-0185	EA	Surface Mount Dome Camera, 2.8mm Varifocal Autoiris Lens Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V910FF-CA.	392.01	19.26
	13740-0186	EA	Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens Note: Outdoor. Includes 1/3-in. high-resolution color camera with ExView high-sensitivity CCD and 3.3-12 mm varifocal autoiris lens and heater; UTP video transmission, 24 VAC. Vicon model V910-W3312T.	543.22	26.70
	13740-0187	EA	Surface Mount Day/Night Outdoor Dome Camera Note: Includes 1/4" high-resolution color/monochrome camera and 3.3-12mm day/night varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312DN.	612.31	30.06
	13740-0188	EA	Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD and 3.3-12mm varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312.	520.50	25.59
			13740-0189 Roughneck V910 Mounting Options <small>(13740-0106)</small>		
	13740-0190	EA	Pendant Adapter, For Use With V910 Dome Series Note: Adapts V910 to work with SVFT-UWM, SVT-WM, and SVFT-UCM pendant mounts; indoor/outdoor. Vicon model V910-PH.	37.57	1.86
	13740-0191	EA	In-Ceiling Mounting Kit, For Use With V910 Dome Series Note: For drop ceiling installations. Vicon model V910-ICD.	142.04	6.98
	13740-0192	EA	In-Ceiling Mounting Kit, For Use With V910 Dome Series Note: For hard ceiling installations. Vicon model V910-ICH.	130.67	6.42
			13740-0193 Roughneck V910 Fixed Impact Resistant IP Camera Dome <small>(13740-0106)</small>		
	13740-0194	EA	Surface Mount Indoor Dome Camera Note: UTP video transmission. Vicon model V910-3312T.	479.44	21.49
	13740-0195	EA	Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312V3.	1,211.43	59.55
	13740-0196	EA	Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/4" day/night camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312DNV3.	1,303.25	64.02
	13740-0197	EA	Fixed IP Outdoor Camera Dome, 2.8mm Autoiris Varifocal Lens Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 2.8mm autoiris fixed lens; heater. Vicon model V910-28V3.	1,082.21	53.22
			13740-0198 Roughneck Corner Mount High Security Camera <small>(13740-0106)</small>		
	13740-0199	EA	Indoor, 1/3" High-Resolution Color Camera Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312.	526.89	25.59
	13740-0200	EA	Indoor, 1/4" Day/Night High-Resolution Color Camera Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312DN.	612.31	30.06
			13740-0201 Roughneck Wall Mount High Security Camera <small>(13740-0106)</small>		
	13740-0202	EA	Indoor, 1/3" High-Resolution Color Camera Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312.	526.89	25.59
	13740-0203	EA	Indoor, 1/4" Day/Night High-Resolution Camera Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312DN.	612.31	30.06
			13740-0204 Environmental Housing Cameras <small>(13740-0106)</small>		
	13740-0205	EA	Outdoor, 1/3" Day/Night Color Camera Note: 3.3-12mm Autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-620	437.47	21.50

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0206 EA Outdoor, 1/3" Day/Night Color Camera..... Note: 5-50mm autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-621.	905.82	21.50
13740-0207 Monochrome Cameras (13740-0106)		
13740-0208 EA 1/3" Format, 24 VAC, 380 Lines Resolution..... Note: With linear shutter. Vicon model VC2153A-24.	130.67	6.42
13740-0209 EA 1/3" Format, 24 VAC, 580 Lines High-Resolution..... Note: With linear shutter. Vicon model VC2430A-24.	183.70	9.02
13740-0210 Color Cameras (13740-0106)		
13740-0211 EA 1/3" Format, 24 VAC, 330 TVL (0.2 lux)..... Note: Vicon model VC355-DSP.	183.70	9.02
13740-0212 EA 1/3" Format, High-Resolution Color, 480 TVL (0.4 lux)..... Note: Vicon model VC365-DSP.	214.00	10.52
13740-0213 EA 1/3" Format, High-Resolution Color, 480 TVL (0.4 lux), ExView..... Note: ExView Super HAD CCD. Vicon model VC465-DSP.	284.08	13.95
13740-0214 EA 1/3" Format, DSP, 3.3-12mm Autoiris Varifocal Lens..... Note: 480 TVL (0.2 lux), 12VDC/24VAC. Vicon model VC-630.	299.98	13.95
13740-0215 Day/Night Cameras (13740-0106)		
13740-0216 EA Day/Night Camera, 1/3" Format..... Note: 24 VAC high-resolution color/monochrome operation; 480 TVL (day) and 580 TVL (night) horizontal resolution. Vicon model VC565DN.	383.98	24.10
13740-0217 EA Wide Dynamic Range Day/Night Camera..... Note: Color/Monochrome operation, C/CS mount, 480 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC632.	441.50	24.10
13740-0218 Camera Power Supplies (13740-0106)		
13740-0219 EA Power Supply, Converts 120 VAC To 24 VAC..... Note: Vicon model VC24PS-1.	13.25	0.65
13740-0220 EA Power Supply, For Roughneck Corner And Wall Mount Cameras..... Note: Converts 120 VAC to 12 VDC, 0.5 amps. Vicon model V894PS-12.	30.31	1.49
13740-0221 EA Power Supply, 8-Channel, Converts 120 VAC To 24 VAC..... Note: 0.4 Amps/channel; used for fixed cameras with isolation. Vicon model V248-3.5PS.	160.97	7.91
13740-0222 EA Power Supply, 16-Channel, Converts 120 VAC To 24 VAC..... Note: 0.5 Amps/channel; used for fixed cameras with isolation. Vicon model V2416-8PS.	299.22	14.71
13740-0223 Pan And Tilt Devices (13740-0105)		
13740-0224 Pan-And-Tilt Drives (13740-0223)		
13740-0225 EA 7.5 LB Load, Indoor, With Integral Wall Mount..... Note: Vicon model V3030APT.	259.45	12.75
13740-0226 EA 7.5 LB Load, Indoor, With Square Base..... Note: For mounting on horizontal surfaces. Vicon model V3030APT-SB.	259.45	12.75
13740-0227 EA 10 LB Load, Outdoor..... Note: Vicon model V3400APT-1.	535.94	26.33
13740-0228 EA 35 LB Load, Outdoor..... Note: Vicon model VIST35.	719.65	35.36
13740-0229 EA 35 LB Load, Outdoor, With Autopan..... Note: Vicon model VIST35-AP.	765.10	37.59
13740-0230 EA 35 LB Load, Outdoor, With Preset Operation..... Note: Vicon model VIST35-P.	918.51	45.13
13740-0231 EA 25 LB Load, Outdoor, Variable Speed With Preset Operation..... Note: Vicon model VIST-VP.	996.14	48.94
13740-0232 EA 25 LB Load, Outdoor, Variable Speed With Continuous Rotation..... Note: Also with preset operation. Vicon model VIST25-VRP.	1,380.59	67.83
13740-0233 EA 80 LB Load, Outdoor..... Note: Vicon model V390APT.	1,530.19	75.18
13740-0234 EA 80 LB Load, Outdoor, With Preset Operation..... Note: Vicon model V390APT-PP.	1,827.52	89.79
13740-0235 EA 80 LB Load, Explosion Proof..... Note: Meets IEC class IIC rating requirements (minimum 25 pieces order required). Vicon model V380PTX-S-VPP.	4,598.16	225.93
13740-0236 Pan-And-Tilt Options (13740-0223)		
13740-0237 EA Square Base Option For 10 LB Load Outdoor Pan And Tilt Device..... Note: Vicon model V3400SB.	37.87	1.86
13740-0238 Camera Housings (13740-0105)		
13740-0239 Indoor Camera Housings (13740-0238)		
13740-0240 EA 6.4"W x 12.6"L In-Ceiling, All-Plastic Construction..... Note: Vicon model V8612H. Tamperproof	83.32	4.10



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0241	Indoor/Outdoor Camera Housings <small>(13740-0238)</small>		
13740-0242	EA Small, 2-Piece Hinged Aluminum Note: Vicon model V9312H	75.75	3.73
13740-0243	EA Small, 2-Piece Hinged Aluminum, Sunshield..... Note: Vicon model V9312H-HS-24. Includes 24 VAC heater	149.61	7.35
13740-0244	EA Small, 1-Piece, Extruded Aluminum With Plastic End Caps..... Note: Vicon model V4.5H-12-1.	89.01	4.37
13740-0245	EA Medium, 1-Piece, Extruded Aluminum With Plastic End Caps Note: Vicon model V4.5H-15-1.	90.90	4.47
13740-0246	EA Medium, 2-Piece, Hinged Aluminum With Sunshield..... Note: Vicon model V9315HC-HS. Includes 24 VAC transformer, and 120 VAC heater	166.65	8.19
13740-0247	EA Medium, 2-Piece, Hinged Aluminum With Sunshield..... Note: Vicon model V9315H-HS-24. Includes 24 VAC heater	162.87	8.01
13740-0248	EA Medium, 2-Piece, Hinged Extruded Aluminum With Sunshield..... Note: Vicon model V9317H-SHB-24. Includes 24VAC blower/heater.	208.33	10.24
13740-0249	Indoor/Outdoor Camera Housings With Wiper <small>(13740-0238)</small>		
13740-0250	EA Medium, 2-Piece, Hinged Aluminum..... Note: Vicon model V9315H-WH-24. Includes 24 VAC heater and wiper.	206.43	10.15
13740-0251	Special Purpose Housings <small>(13740-0238)</small>		
13740-0252	EA Explosion-Proof, Tubular Aluminum Note: Vicon model V8540H-SP.	918.51	45.13
13740-0253	EA Maximum Security, 10-Gauge Steel, Wall Or Ceiling Mount Note: Vicon model V894MSH.	382.54	18.80
13740-0254	EA Maximum Security, Outdoor, 10-Gauge Steel, Wall Or Ceiling Mount..... Note: Vicon model V896MSH.	412.85	20.28
13740-0255	EA Maximum Security, 10-Gauge Steel, Corner Mount Note: Vicon model V898MSH.	412.85	20.28
13740-0256	Indoor Housing Accessories <small>(13740-0238)</small>		
13740-0257	EA 2' x 2' Adjustable Ceiling Panel, Aluminum Construction..... Note: 360° rotation. Vicon model V8612H-ACP. For Vicon model V8612H.	109.84	5.39
13740-0258	Lenses <small>(13740-0105)</small>		
13740-0259	1/3" Varifocal Lenses <small>(13740-0258)</small>		
13740-0260	EA Varifocal, 2.8-6 mm, F/1.4, Adjustable Iris..... Note: Vicon model V2.8-6VFI.	79.54	3.91
13740-0261	EA Varifocal, 3.5-8 mm, F/1.4, Adjustable Iris..... Note: Vicon model V3.5-8VFI-2.	70.07	3.45
13740-0262	EA Varifocal, 2.8-12 mm, F/1.2, Adjustable Iris..... Note: Vicon model V2.8-12VFI.	79.54	3.91
13740-0263	EA Varifocal, 5-50 mm, F/1.3, Adjustable Iris..... Note: Vicon model V5-50VFI.	168.55	8.28
13740-0264	1/3" Autoiris Lenses, DC-Type <small>(13740-0258)</small>		
13740-0265	EA Wide Angle, 4 mm, F/1.2 Note: Vicon model V4.0-1.2CS-G-3.	90.90	4.47
13740-0266	1/3" Varifocal Autoiris Lenses, DC-Type <small>(13740-0258)</small>		
13740-0267	EA Varifocal, 3.5-8 mm, F/1.4, Autoiris..... Note: Vicon model V3.5-8VF-CS-G-4.	90.90	4.47
13740-0268	EA Varifocal, 2.8-12 mm, F/1.2, Autoiris..... Note: Vicon model V2.8-12VF-CS-G	109.84	5.39
13740-0269	EA Varifocal, 5-50 mm, f/1.3, Autoiris..... Note: Vicon model V5-50VF-CS-G	206.43	10.15
13740-0270	EA Varifocal, 2.7-8 mm, F/1.0, Autoiris..... Note: Vicon model V2.7-8VF-CS-G	110.55	5.96
13740-0271	Motorized Zoom Lenses With Spot Filter And Autoiris <small>(13740-0258)</small>		
13740-0272	EA 1/3" Format, 10x Zoom Range, F/1.2, CS Mount, High-Speed..... Note: Vicon model V6-60AC-HS-1.	628.74	30.89
13740-0273	EA 1/2" Format, 10x Zoom Range, F/1.4, C Mount, High-Speed Note: Vicon model V8-80AC-HS-1.	611.70	30.06
13740-0274	Mounting Equipment <small>(13740-0105)</small>		
13740-0275	Wall Mounts With Adjustable Heads <small>(13740-0274)</small>		
13740-0276	EA Wall Mount, 7.5 LB Load, Molded Plastic, 9" Long..... Note: Mounts to junction box. Vicon model V1100AWM	32.20	1.58
13740-0277	EA Wall Mount, 20 LB Load, Aluminum, 10" Long Note: Vicon model V110AWM	26.51	1.31

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0278	EA	Wall Mount, 20 LB Load, Cast Aluminum, 11.6" Long Note: Vicon model V814AWM	26.51	1.31
13740-0279		Fixed Wall Mounts (13740-0274)		
13740-0280	EA	Wall Mount 40 LB Load, Aluminum, 16" Long..... Note: Vicon model V1600WM.	60.60	2.97
13740-0281	EA	Wall Mount 200 LB Load, Steel, 24" Long Note: Vicon model V24WM.	70.07	3.45
13740-0282	EA	Wall Mount 200 LB Load, Stainless Steel, 24" Long..... Note: Vicon model V24WM-SS.	229.15	11.26
13740-0283		Adjustable Heads (13740-0274)		
13740-0284	EA	Adjustable Head, Medium-Duty, 60 LB Capacity Note: Vicon model V1600AH	24.62	1.21
13740-0285	EA	Adjustable Head, Medium To Heavy-Duty, 100 LB Capacity..... Note: Vicon model V2400AH.	77.65	3.82
13740-0286		Accessories For Wall Mounts (13740-0274)		
13740-0287	EA	Outside Corner Mount Bracket..... Note: Vicon model V24CMB. For V24WM and surveyor series wall mounts	62.50	3.07
13740-0288		Ceiling Mounts (13740-0274)		
13740-0289	EA	Ceiling Mount, 7.5 LB Load, Molded Plastic, 6" Long Note: Vicon model V800ACM.	26.51	1.31
13740-0290	EA	Ceiling Mount, 20 LB Load, Aluminum, 9" Long..... Note: Vicon model V8ACM.	32.20	1.58
13740-0291	EA	Ceiling Mount, 20 LB Load, Steel, Chrome Plated, 11" Long..... Note: Vicon model V10UM.	47.34	2.33
13740-0292		Pole And Parapet Mounts (13740-0274)		
13740-0293	EA	Pole Mount For 3"-4" Diameter Poles, Medium Duty Note: Vicon model V22PA. Use with V1600WM and V2000WM wall mounts	115.52	5.68
13740-0294	EA	Pole Mount Adapter For 4"-10" Diameter Poles..... Note: Vicon model V20B. Painted Aluminum construction, no mounting straps	105.92	5.25
13740-0295	EA	Pole Mount Adapter For 4"-10" Diameter Poles..... Note: Vicon model V20B-A. Painted Aluminum construction, includes mounting straps	145.77	7.23
13740-0296		Multiplexers And Quads (13740)		
13740-0297		Aurora A2000 Color Video Multiplexers With PTZ Control (13740-0296)		
13740-0298	EA	16-Channel Color Simplex Multiplexer, 30 Images Per Second Note: Live view refresh. Vicon model AUR2K-SC3.	1,298.51	17.65
13740-0299	EA	16-Channel Color Duplex Multiplexer, 30 Images Per Second Note: Live view refresh. Vicon model AUR2K-DC3.	1,730.65	17.65
13740-0300	EA	16-Channel Color Duplex Multiplexer, 60 Images Per Second Note: Live view refresh. Vicon model AUR2K-DC6.	1,914.76	17.65
13740-0301		Aurora A2000 Color Video Multiplexers With Looping Cables (13740-0296)		
		Note: With PTZ control		
13740-0302	EA	16-Channel Color Simplex Multiplexer, 30 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-SC3C.	1,335.03	17.65
13740-0303	EA	16-Channel Color Duplex Multiplexer, 30 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC3C.	1,767.16	17.65
13740-0304	EA	16-Channel Color Duplex Multiplexer, 60 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC6C.	1,952.80	17.65
13740-0305		GENESYS Quad Splitter (13740-0296)		
13740-0306	EA	Real-Time Color Quad Splitter Note: Displays four cameras on one monitor. Full-featured with alarms, titling, freeze, full-screen sequential switching and on-screen programming. Vicon model V4400QS-1.	557.49	17.65
13740-0307		Monitors And Time Lapse Recorders (13740)		
13740-0308		Monochrome Monitors (13740-0307)		
13740-0309	EA	9" Screen, High Resolution, 1000 TV Lines Note: Vicon model VM5094.	180.96	11.76
13740-0310	EA	12" Screen, High Resolution, 1000 TV Lines Note: Vicon model VM5124.	194.66	11.76
13740-0311	EA	15" Screen, High Resolution, 1000 TV Lines Note: Vicon model VM5124.	267.69	11.76
13740-0312		Color Monitors (13740-0307)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0313 EA 9" Screen 280 Lines Resolution..... Note: Vicon model VM6093.	538.54	11.76
13740-0314 EA 14" Screen 400 Lines Resolution, NTSC/PAL Note: Vicon model VM614-3.	354.42	11.76
13740-0315 EA 15" Screen 650 TV Lines High Resolution, NTSC/PAL Note: Vicon model VM615-5.	502.02	11.76
13740-0316 EA 21" Screen 450 TV Lines High Resolution, Accepts NTSC/PAL..... Note: Vicon model VM621-5.	436.59	11.76
13740-0317 EA 17" Flat Panel LCD Monitor Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-617LCD.	818.51	11.76
13740-0318 EA 19" Flat Panel LCD Monitor Note: Resolution up to 1280x1024@60/75Hz depending on scan rate. VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-619LCD.	965.50	11.76
13740-0319 Monitor Mounting Accessories (13740-0307)		
13740-0320 EA Monitor Mount, For VM621-5 Monitor Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM615-5-MM.	337.09	16.57
13740-0321 EA Monitor Mount, For VM614-3 And VM615-5 Monitors Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM61514-5-MM.	336.49	16.57
13740-0322 EA Wall Mount For V161514-5-MM And V1621-5-MM Monitor Mounts Note: Vicon model V1501WM.	100.07	4.93
13740-0323 EA Ceiling Mount For V161514-5-MM And V1621-5-MM Monitor Mounts Note: Vicon model V1502CA.	64.70	3.16
13740-0324 EA Rack Kit For Use With VM-617LCD Monitor Note: Vicon model VM-617LCD-RK.	40.91	3.16
13740-0325 EA Rack Kit For Use With VM-619LCD Monitor Note: Vicon model VM-619LCD-RK.	40.91	3.16
13740-0326 Monitor Racking Kits (13740-0307)		
13740-0327 EA Dual Rack-Mounting Kit For Two VM6093 Monitors Note: Vicon model VM6092RK.	75.75	3.73
13740-0328 EA Single Rack-Mounting Kit For VM615-5 Monitor Note: Vicon model VM615-5-RK.	94.70	4.65
13740-0329 Time-Lapse Video Cassette Recorders (13740-0307)		
13740-0330 EA Video Cassette Recorder 480 Hour Time-Lapse Note: Vicon model VCR480TL.	410.72	11.76
13740-0331 Video Recorder Rack Mount Kit (13740-0307)		
13740-0332 EA Rack Kit For Mounting VCR480TL Note: Vicon model VCR-RK-1.	75.15	3.73
13740-0333 Video Signal Equipment (13740)		
13740-0334 Amplifiers (13740-0333)		
13740-0335 EA Distribution Amplifier, One Input, Six Outputs, Phase 8..... Note: Vicon model V210DA.	180.14	17.65
13740-0336 EA Distribution Amplifier, One Input, Six Outputs, Desk-Top Note: Vicon model V210DA-B.	180.14	17.65
13740-0337 EA Video Distribution Amplifier, Rack Mount..... Note: 8 Input x 2 output or 2 input or 8 output configurations. Vicon model VDA8-16.	207.52	17.65
13740-0338 Phase Eight Racking Systems (13740-0333)		
13740-0339 EA Rack Accepts Any Combination Of Phase 8 Modules Note: Totaling eight single-width units. Vicon model VP8RK.	54.92	2.70
13740-0340 EA Closure Panel, Single Width Closure Panel For VP8RK..... Note: Vicon model VP8-CP-1.	9.47	0.46
13740-0341 EA Closure Panel, Double Width Closure Panel For VP8RK Note: Vicon model VP8-CP-2.	15.14	0.74
13740-0342 Ground Loop Corrector (13740-0333)		
13740-0343 EA Passive Ground Loop Correction Transformer Note: Single channel, for Vicoax. Vicon model V235GLTA.	106.06	5.21
13740-0344 Twisted Pair Video Transmission (13740-0333)		
13740-0345 EA Video Transceiver, Transmits Or Receives Video And Vicoax Data Note: Transmits or receives video and Vicoax data up to 500' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V212-NVT.	81.43	4.00
13740-0346 EA Video Transceiver, Transmits Or Receives Video And Vicoax Data Note: Transmits or receives video and Vicoax data up to 1000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V213-NVT.	121.20	5.96

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0347	EA	Video Receiver, Receives Video From V213-NVT Transmitter..... Note: Up to 3000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V652R-NVT.	304.90	14.98
13740-0348		Surge Protectors (13740-0333)		
13740-0349	EA	Surge Protector..... Note: Protects video equipment from induced power surges in video lines. Vicon model V15LPG	39.77	1.96
13740-0350		Fiber Optic Transmission Equipment (13740)		
13740-0351		Single Channel Video Transmission (13740-0350)		
13740-0352	EA	Video Transmitter, 13 dB..... Note: Vicon model V700T.	186.36	9.15
13740-0353	EA	Video Transmitter, 13 dB, Rack Mount..... Note: Vicon model V700T-R.	205.67	10.11
13740-0354	EA	Video Receiver, 13 dB..... Note: Vicon model V700R.	226.12	11.11
13740-0355	EA	Video Receiver, 13 dB, Rack Mount..... Note: Vicon model V700R-R.	226.12	11.11
13740-0356	EA	Video Receiver, 2-Channel, 2-Fibers, 13 dB, Rack Mount..... Note: Vicon model V702R-R.	410.20	20.15
13740-0357	EA	Video Transmitter, 13 dB..... Note: Vicon model V701T.	228.39	11.22
13740-0358	EA	Video Transmitter, 13 dB, Rack Mount..... Note: Vicon model V701T-R.	228.39	11.22
13740-0359	EA	Video Receiver, 13 dB..... Note: Vicon model V701R.	274.99	13.51
13740-0360	EA	Video Receiver, 13 dB, Rack Mount..... Note: Vicon model V701R-R.	274.99	13.51
13740-0361		Multi-channel Video Transmission (13740-0350)		
13740-0362	EA	Video Transmitter, 4-Channel..... Note: Vicon model V707T.	1,039.70	51.08
13740-0363	EA	Video Transmitter, 4-Channel, Rack Mount..... Note: Vicon model V707T-R.	1,039.70	51.08
13740-0364	EA	Video Receiver, 4-Channel..... Note: Vicon model V707R.	1,039.70	51.08
13740-0365	EA	Video Receiver, 4-Channel, Rack Mount..... Note: Vicon model V707R-R.	1,039.70	51.08
13740-0366	EA	Video Transmitter, 2-Channel..... Note: Vicon model V703T.	559.05	27.47
13740-0367	EA	Video Transmitter, 2-Channel, Rack Mount..... Note: Vicon model V703T-R.	559.05	27.47
13740-0368	EA	Video Receiver, 2-Channel..... Note: Vicon model V703R.	559.05	27.47
13740-0369	EA	Video Receiver, 2-Channel, Rack Mount..... Note: Vicon model V703R-R.	559.05	27.47
13740-0370		Bidirectional Video For Vicoax (13740-0350)		
13740-0371	EA	Bidirectional Fiber-Optic Transmitter, For Vicoax..... Note: Vicon model V739T.	716.99	35.23
13740-0372	EA	Bidirectional Fiber-Optic Transmitter, For Vicoax, Rack Mount..... Note: Vicon model V739T-R.	716.99	35.23
13740-0373	EA	Bidirectional Fiber-Optic Receiver, For Vicoax..... Note: Vicon model V739R.	716.99	35.23
13740-0374	EA	Bidirectional Fiber-Optic Receiver, For Vicoax, Rack Mount..... Note: Vicon model V739R-R.	716.99	35.23
13740-0375		Video And Data Transmission (13740-0350)		
13740-0376	EA	Video Receiver, Standalone Fiber Receiver, 1 Channel..... Note: For use with V910 fixed camera dome internal fiber trans module. Vicon model VF-140R.	693.07	35.63
13740-0377	EA	Video Receiver, Standalone Fiber Receiver, 1 Channel, Rack Mount..... Note: For use with V910 fixed camera dome internal fiber trans module. Vicon model VF-140RR.	693.07	35.63
13740-0378	EA	Video/Data Transmitter, Single Fiber, Duplex RS-422..... Note: Simplex Video, For NOVA Systems. Vicon model V732T.	725.93	35.64
13740-0379	EA	Video/Data Receiver, Single Fiber, Duplex RS-422..... Note: Simplex Video, For NOVA Systems. Vicon model V732R.	725.93	35.64
13740-0380	EA	Video/Data Receiver, Single Fiber, Duplex RS-422, Rack Mount..... Note: Simplex Video, For NOVA Systems. Vicon model V732R-R.	725.93	35.64
13740-0381		Racking Equipment And Power Supplies (13740-0350)		
13740-0382	EA	Special 19" Rack Panel..... Note: Houses 3 V-VH439 4-channel UTP transmitters. Vicon model V-RK439.	165.75	7.42
13740-0383	EA	Special 19" Rack Panel Assemblies..... Note: Includes 3 V-VH439 4-channel UTP transmitters. Vicon model V-VRK439X3.	1,946.69	87.25
13740-0384	EA	Winsted 35" Vertical Rack..... Note: Vicon model VW-RACK-PKG5.	1,362.68	61.08



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0385	EA	15-Channel Rack, With 6 Amp Power Supply..... Note: Vicon model V515R-PS.	923.51	37.78
13740-0386	EA	17-Channel Rack, Use With V517E-PS..... Note: Vicon model V517R-PS.	365.69	14.96
13740-0387	EA	Blank Filler Panel, For Rack, 1" Wide..... Note: Vicon model VOP-CP1.	26.20	1.07
13740-0388	EA	High-Output Power Supply, 19" Rack Mount..... Note: Powers two V517R-PS racks. Vicon model V517E-PS.	933.34	38.18
13740-0389	EA	Power Supply, 120 VAC To 12 VDC..... Note: Vicon model VOPPS-120DC.	37.12	1.52
13740-0390	EA	Power Supply, 120 VAC To 12 VDC, High Output..... Note: Vicon model VOPPS-120HDC.	66.59	2.72
13740-0391 SurveyorVFT Fiber Receivers And Racking (13740-0350)				
13740-0392	EA	Video/Data Receiver, Single Fiber, Duplex RS-422, Simplex Video..... Note: For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	724.55	35.29
13740-0393	EA	Video/Data Receiver Rack Mount, Single Fiber, Duplex RS-422..... Note: Simplex video. For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	724.55	35.29
13740-0394	EA	Rack, 14 Slots, With 100 W Power Supply..... Note: For use with VF-1400 series receivers. Blank panels are VF-BPS-1. Vicon model VF-1400R.	978.16	48.07
13740-0395	EA	Blank Panel, For Use With VF-SR20/2 Rack..... Note: Vicon model VF-BPS-1.	20.45	1.00
13740-0396	EA	Video/Data Receiver, Stand Alone..... Note: For use with SVFT camera dome internal fiber trans module. Vicon model VF-1631R.	724.55	35.29
13740-0397	EA	Video/Data Receiver, Rack Module..... Note: For use with SVFT camera dome internal fiber trans module. Vicon model VF-1631RR.	724.55	35.29
13740-0398 Hubs And Terminators (13740-0350)				
13740-0399	EA	75-OHM Terminator For Unused Video Looping BNCs..... Note: Vicon model V75T.	3.78	0.19
13740-0400	EA	Special 4-Port Video Mini-Hub, 3000' Maximum Distance..... Note: 4-Channel UTP transmitter. Vicon model V-VH439.	578.44	25.93
13740-0401 System Controls And Matrix Systems (13740)				
13740-0402 NOVA V1422 UTP Or Coaxial 32 x 8 Matrix System (13740-0401)				
13740-0403	EA	Advanced Digital Control And Matrix Switcher..... Note: 32 Camera inputs, 8 monitor outputs. Full camera station control and matrix switching. NOVA and Vicoax compatible. Includes V1400VGC Windows-based configuration software. Vicon model V1422.	2,765.33	17.65
13740-0404 NOVA V1344 Matrix Prepacs (13740-0401)				
Note: Programmable systems with internal CPU				
13740-0405	EA	Controls 8 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V8X8-ICPS.	2,906.78	29.11
13740-0406	EA	Controls 16 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V16X8-ICPS.	3,254.93	30.00
13740-0407	EA	Controls 24 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V24X8-ICPS.	3,806.96	30.88
13740-0408	EA	Controls 32 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V32X8-ICPS.	3,951.20	31.77
13740-0409	EA	Controls 40 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V40X8-ICPS.	4,299.34	32.65
13740-0410	EA	Controls 48 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V48X8-ICPS.	4,530.32	33.52
13740-0411	EA	Controls 56 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V56X8-ICPS.	4,767.38	34.41
13740-0412	EA	Controls 64 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V64X8-ICPS.	5,071.39	35.29
13740-0413	EA	Controls 72 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V72X8-ICPS.	5,208.03	36.18
13740-0414	EA	Controls 80 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V80X8-ICPS.	5,521.18	37.06
13740-0415	EA	Controls 88 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V88X8-ICPS.	5,899.74	37.93
13740-0416	EA	Controls 96 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V96X8-ICPS.	6,156.59	38.82

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0417 EA Controls 104 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V104X8-ICPS.	6,579.28	39.70
13740-0418 EA Controls 112 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V112X8-ICPS.	6,817.88	40.59
13740-0419 EA Controls 120 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V120X8-ICPS.	7,057.99	41.47
13740-0420 EA Controls 128 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V128X8-ICPS.	7,298.09	42.35
13740-0421 NOVA V1344 Internal CPU And Titler (13740-0401)		
13740-0422 EA Internal CPU For Matrix Switcher Card Cage..... Note: Controls video switcher, pan-and-tilt, lens and auxiliary functions. Controls matrix switching for up to 128 cameras and 24 monitors. Vicon model V1344SCPU-HDA.	984.37	11.76
13740-0423 EA Time/Date/Titler Card..... Note: Provides three lines for titling and one line for time and date. Used with V1344 CPU system only. Vicon model V1344STDT-HD.	331.60	11.76
13740-0424 EA Programming Keyboard For V1344SCPU, V1466SCPU-A And V1500 CPUs..... Note: Vicon model V1300X-PKA.	141.40	11.76
13740-0425 MATRIX 44 High Density Switcher Components (13740-0401)		
13740-0426 EA Card Cage 128 Inputs x 8 Outputs..... Note: Contains power supply, video output amplifier, and motherboard for up to 16 V4410S-HD video switching cards. Vicon model V4481SCC-HD.	1,429.37	17.65
13740-0427 EA Video Switch Card..... Note: Switching and decoding circuitry for eight camera inputs. Connector panel V4411RP-BNC or V4411RP-RIB ordered separately. Vicon model V4410S-HD.	268.92	13.21
13740-0428 EA Rear Connector Panel, 1 Ribbon Cable Connector..... Note: 8 BNC connectors. Use with V4410S-HD. Vicon model V4411RP-BNC.	79.54	3.91
13740-0429 EA Rear Connector Panel, 2 Ribbon Cable Connectors..... Note: Use with V4410S-HD. Vicon model V4411RP-RIB.	66.29	3.25
13740-0430 EA Address Decoder..... Note: Decodes CPU control signal. One required for each V4481SCC-HD. If system uses V1344SCPU-HD, eliminate one V4430ADEC-HD. Vicon model V4430ADEC-HD.	337.09	16.57
13740-0431 EA Expander Card For Systems With More Than 128 Camera Inputs..... Note: One required for each camera expansion card cage. Vicon model V4441SEXP-HD.	439.36	21.59
13740-0432 EA Blank Rear Closure Panel For V4481SCC-HD..... Note: Vicon model V4450RCP-HD.	18.95	0.93
13740-0433 EA 21" Coaxial Ribbon Cable..... Note: For distributing video between V4410S-HD cards. Vicon model V44RCP-21-1.	18.95	0.93
13740-0434 EA 12" Coaxial Ribbon Cable Assembly..... Note: For distributing video signals from V4410S-HD switcher cards to external devices. Terminated with eight BNCs. Vicon model V44RCB-12-1.	90.90	4.47
13740-0435 EA 75-OHM Terminator..... Note: For unused looping outputs and looping video coaxial ribbon cable connectors, Matrix 44. Vicon model V75TR-1.	31.86	1.12
13740-0436 NOVA 1466A Matrix Prepacs, Programmable Systems (13740-0401)		
Note: With internal CPU		
13740-0437 EA Controls 64 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X16A-IHCPS.	5,038.22	35.29
13740-0438 EA Controls 64 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS.	8,246.36	35.29
13740-0439 EA Controls 128 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X16A-IHCPS.	6,234.49	42.35
13740-0440 EA Controls 128 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS.	8,939.59	42.35
13740-0441 EA Controls 192 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X16A-IHCPS.	6,627.35	49.41
13740-0442 EA Controls 192 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X32A-IHCPS.	10,177.85	49.41
13740-0443 EA Controls 256 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X16A-IHCPS.	8,128.53	56.47
13740-0444 EA Controls 256 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X32A-IHCPS.	11,734.73	56.47
13740-0445 NOVA V1466A Matrix Prepacs, Single Cage Programmable Systems (13740-0401)		
Note: With internal CPU. Expandable to 128 cameras x 32 monitors.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0446	EA	Controls 64 Cameras And 32 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCP-S	6,268.89	35.29
13740-0447	EA	Controls 128 Cameras And 32 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCP-S	8,806.30	42.35
13740-0448		NOVA V1466A Internal CPU And Titler <small>(13740-0401)</small>		
13740-0449	EA	Internal CPU For Matrix 66 Card Cage..... Note: Controls video switcher, pan-and-tilt, lens, and auxiliary functions. Controls matrix switching for up to 256 cameras and 32 monitors. Vicon model V1466ASCPA-A	806.64	11.76
13740-0450	EA	Time/Date/Title Card, For Monitors 1-16..... Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPU-A. Vicon model V1466ATDTSHD-16.	668.79	11.76
13740-0451	EA	Time/Date/Title Card, For Monitors 17-32..... Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPU-A. Vicon model V1466ATDTSHD-32.	1,027.58	11.76
13740-0452		Matrix 66 Super High Density Switcher Components <small>(13740-0401)</small>		
13740-0453	EA	Coaxial Ribbon Cable, 1 D-Shell Connector And 8 BNCs..... Note: Vicon model V66RCB-24.	94.70	4.65
13740-0454	EA	Coaxial Ribbon Cable, 2 D-Shell Connectors..... Note: Vicon model V66RC-36.	94.70	4.65
13740-0455	EA	75-OHM Terminator For Unused Looping Outputs..... Note: Also for looping video D-shell Connectors, Matrix 66. Vicon model V75TR-SHD.	34.09	1.68
13740-0456	EA	Card Cage (256x16)..... Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-16-1A.	1,985.06	17.65
13740-0457	EA	Card Cage (128x32)..... Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-32-1A.	810.99	17.65
13740-0458	EA	Decoder Board, For External CPU..... Note: Vicon model V1466ADCDB.	301.11	14.80
13740-0459	EA	Video Switcher Card, Switching For 64 Camera Inputs..... Note: Rear connector panels ordered separately. Vicon model V6610S-1A.	1,048.79	51.54
13740-0460	EA	Camera Input Panel, 64 BNC Connectors..... Note: Vicon model V6610RP64-1A.	187.49	9.21
13740-0461	EA	Camera Input Panel, 32 BNC Connectors..... Note: Vicon model V6610RP32-1A.	161.34	7.93
13740-0462	EA	Monitor Output Panel, 16 BNC Connectors..... Note: Vicon model V6610RP16-OA.	145.45	7.14
13740-0463	EA	Monitor Output Panel, 32 BNC Connectors..... Note: Vicon model V6610RP32-OA.	157.93	7.77
13740-0464	EA	Camera Looping Panel, 64 Channels, 16 D-Shell Cable Connectors..... Note: Vicon model V6610RP64-LA.	153.40	7.53
13740-0465	EA	Expander Card, 32 Channels, For Use In Star Configuration..... Note: Vicon model V6640SEXP32-A.	642.00	31.54
13740-0466	EA	Expander Card, 16 Channels, For Use In Serial Loop Configuration..... Note: Vicon model V6640SEXP16-A.	437.47	21.50
13740-0467	EA	Video Amplifier Board, Outputs For Monitors 1-16 Or 17-32..... Note: Vicon model V6632-AMP-1A or V6632-AMP-1A.	752.56	17.65
13740-0468	EA	Card Extender, For Switcher Slots (For Service)..... Note: Vicon model V6670XS-A.	97.97	17.65
13740-0469	EA	Card Extender, For AMP/OSD Slots (For Service)..... Note: Vicon model V6670XA-A.	330.77	17.65
13740-0470	EA	Blank Rear Closure Panel, For Unused Card Positions..... Note: Vicon model V6650RCP-A.	17.04	0.84
13740-0471		Matrix 66 Prepacs With Titling For Use With NOVA 1500 <small>(13740-0401)</small>		
13740-0472	EA	Controls 64 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V64X16-MX66A.	6,216.85	35.29
13740-0473	EA	Controls 64 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V64X32-MX66A.	10,957.85	35.29
13740-0474	EA	Controls 64 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V64X48-MX66A.	16,884.79	35.29
13740-0475	EA	Controls 64 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V64X64-MX66A.	21,560.97	35.29
13740-0476	EA	Controls 128 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V128X16-MX66A.	8,776.17	42.35
13740-0477	EA	Controls 128 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V128X32-MX66A.	13,881.44	42.35
13740-0478	EA	Controls 128 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V128X48-MX66A.	20,602.65	42.35
13740-0479	EA	Controls 128 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V128X64-MX66A.	27,699.09	42.35
13740-0480	EA	Controls 192 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V192X16-MX66A.	11,010.47	49.41
13740-0481	EA	Controls 192 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V192X32-MX66A.	17,379.28	49.41
13740-0482	EA	Controls 192 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V192X48-MX66A.	26,197.56	49.41
13740-0483	EA	Controls 192 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V192X64-MX66A.	31,892.60	49.41

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0484	EA	Controls 256 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V256X16-MX66A.	13,183.29	56.47
13740-0485	EA	Controls 256 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V256X32-MX66A.	20,555.75	56.47
13740-0486	EA	Controls 256 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V256X48-MX66A.	30,822.89	56.47
13740-0487	EA	Controls 256 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V256X64-MX66A.	39,972.58	56.47
13740-0488	EA	Controls 320 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V320X16-MX66A.	18,656.45	70.58
13740-0489	EA	Controls 320 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V320X32-MX66A.	30,197.18	70.58
13740-0490	EA	Controls 320 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V320X48-MX66A.	44,232.11	70.58
13740-0491	EA	Controls 320 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V320X64-MX66A.	58,906.12	70.58
13740-0492	EA	Controls 384 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V384X16-MX66A.	20,924.81	84.70
13740-0493	EA	Controls 384 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V384X32-MX66A.	33,407.71	84.70
13740-0494	EA	Controls 384 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V384X48-MX66A.	49,838.25	84.70
13740-0495	EA	Controls 384 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V384X64-MX66A.	65,020.77	84.70
13740-0496	EA	Controls 448 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V448X16-MX66A.	23,205.04	98.81
13740-0497	EA	Controls 448 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V448X32-MX66A.	36,692.20	98.81
13740-0498	EA	Controls 448 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V448X48-MX66A.	54,534.18	98.81
13740-0499	EA	Controls 448 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V448X64-MX66A.	71,226.74	98.81
13740-0500	EA	Controls 512 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage and titling card cage. Vicon model V512X16-MX66A.	25,512.67	112.94
13740-0501	EA	Controls 512 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages and titling card cage. Vicon model V512X32-MX66A.	39,937.43	112.94
13740-0502	EA	Controls 512 Cameras And 48 Monitors..... Note: Includes 3 switcher card cages and titling card cage. Vicon model V512X48-MX66A.	59,292.19	112.94
13740-0503	EA	Controls 512 Cameras And 64 Monitors..... Note: Includes 4 switcher card cages and titling card cage. Vicon model V512X64-MX66A.	77,526.74	112.94
13740-0504		NOVA 1500 Network Switching Control System (13740-0401)		
13740-0505	EA	NOVA 1500 Central Processing Unit..... Note: Includes internal graphic configurator, capable of addressing over 8000 camera and 500 monitor and keypad stations. Use with companion NOVA 1500-CDU Communication Distribution Unit and Matrix Switching Systems. Vicon model V1500CPU.	4,623.21	17.65
13740-0506	EA	NOVA 1500 Communication Distribution Unit..... Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes one network interface card and one power supply module. Vicon model V1500CDU-1.	3,399.84	17.65
13740-0507	EA	NOVA 1500 CDU, Internal Redundant Configuration..... Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes redundant personality modules, power supplies and network cards for automatic switchover Vicon model V1500CDU-H-1.	4,856.01	17.65
13740-0508	EA	NOVA 1500CDU, Chassis..... Note: Includes one network interface card and power supply module. Must be populated with CDU personality modules. Vicon model V1500CDU-CC.	1,541.97	17.65
13740-0509	EA	NOVA 1500CDU, Alarm Module..... Note: Provides communication from V1500CDU to Vicon alarm devices Vicon model V1500CDU-ALRM.	449.46	17.65
13740-0510	EA	NOVA 1500CDU, Time/Date/Title Module..... Note: Provides control communication between V1500CDU and matrix time/date/titling devices. Vicon model V1500CDU-TDT.	444.89	17.65
13740-0511	EA	NOVA 1500CDU, Video Module..... Note: Provides control communication between V1500CDU and matrix video switcher. Vicon model V1500CDU-VID.	434.24	17.65
13740-0512	EA	NOVA 1500CDU, Serial Module..... Note: Provides control communication between V1500CDU and Vicon system keypads/PTZ receivers or host RS-232 devices Vicon model V1500CDU-SER.	419.03	17.65
13740-0513	EA	NOVA 1500CDU, Rear Closure Panel..... Note: Closes un-populated slots in V1500CDU chassis. Vicon model V1500CDU-RCP.	11.73	0.65
13740-0514	EA	NOVA 1500CDU, Redundant Power Supply Module..... Note: Provides internal power redundancy for the V1500CDU. Vicon model V1500CDU-HSB-POW.	238.76	14.43
13740-0515	EA	NOVA 1500CDU, Redundant Network Interface Module..... Note: Provides internal network communication redundancy for the V1500CDU. Vicon model V1500CDU-HSB-NET.	488.11	29.60
13740-0516	EA	NOVA 1500CDU, Redundant Alarm Module..... Note: Provides internal redundant communication from V1500CDU to alarm devices. Vicon model V1500CDU-HSB-ALRM.	767.47	17.65
13740-0517	EA	NOVA 1500CDU, Redundant Time/Date/Title Module..... Note: Provides internal redundant communication from V1500CDU to time/date/title device Vicon model V1500CDU-HSB-TDT.	756.82	17.65
13740-0518	EA	NOVA 1500CDU, Redundant Video Module..... Note: Provides internal redundant communication from V1500CDU to video matrix switcher. Vicon model V1500CDU-HSB-VID.	770.52	17.65



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0519	EA	NOVA 1500CDU, Redundant Serial Module..... Note: Provides internal redundant communication from V1500CDU to system keypads, receivers, host RS-232 devices. Vicon model V1500CDU-HSB-SER.	744.65	17.65
13740-0520	EA	Multi-Input VGA Monitor/Keyboard Note: Used with V1500CPU, accepts 8 VGA inputs from multiple PCs, includes 2 PC cables. Rack mount only. Vicon model V1500KVM-R.	3,929.65	26.47
13740-0521	EA	Cable For Use With V1500-KVM-R Note: Connects additional PCs to V1500-KVM-R. Vicon model V1500KVM-R.	43.56	2.14
13740-0522	EA	10' Patch 5 Cable..... Note: Vicon model CAT5e-Patch-10.	37.47	2.14
13740-0523		Time/Date/Titles For NOVA 1500 <small>(13740-0401)</small>		
13740-0524	EA	Card Cage Note: Holds up to 16 V1300X-TDT circuit cards, each of which titles 2 monitors (32 monitors total per card cage). Vicon model V1300X-TCC.	478.37	17.65
13740-0525	EA	Power Supply..... Note: Used in V1300X-TCC-1, 1 per card cage. Vicon model V1300X-TC-PS.	282.18	13.86
13740-0526	EA	Master Module..... Note: Provides addressing for 32 monitors and loop-through signaling for additional V1300X-TCC card cage Vicon model V1400X-TDT-MA.	206.00	17.65
13740-0527	EA	Slave Module..... Note: Provides addressing for 32 monitors in additional V1300X-TCC card cage. Vicon model V1300X-TC-SL-1.	209.05	17.65
13740-0528	EA	Time/Date/Title Assembly..... Note: Circuit card provides time/date/titles for 2 monitors. Vicon model V1300X-TDT.	260.78	17.65
13740-0529	EA	Blank Rear Closure Panel For V1300X-TCC Note: Vicon model V1300X-RCT.	26.51	1.31
13740-0530		System Console Control Station <small>(13740-0401)</small>		
13740-0531	EA	System Console..... Note: Controls NOVA Matrix Systems, AurorA 2000 / AurorACorD multiplexers and recorders and time-lapse VCRs. Vicon model V1400X-DVC-3.	1,285.44	13.23
13740-0532	EA	Trackball For Use With System Console Note: Vicon model V1400X-JST.	237.05	13.23
13740-0533	EA	Desktop Joystick For Use With System Console..... Note: Vicon model V1400X-DJT.	273.57	13.23
13740-0534		NOVA Control Keypads <small>(13740-0401)</small>		
13740-0535	EA	Control Keypad, Small Profile Desk-Top Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1410X-DVC.	539.85	13.23
13740-0536	EA	Control Keypad, Desk-Top Version With Variable-Speed Joystick..... Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411X-DVC.	663.10	13.23
13740-0537	EA	Control Keypad, Desk-Top Version With 3-Function Joystick..... Note: Provides multi-function control for camera stations with three-function variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411J-DVC.	786.35	13.23
13740-0538	EA	Control Keypad, Rack-Mount Version..... Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units. Vicon model V1300X-RVC.	1,038.94	13.23
13740-0539	EA	Control Keypad, Desk-Top Version Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units Vicon model V1300X-DVC.	1,038.94	13.23
13740-0540		Additional System Capabilities NOVA Systems <small>(13740-0401)</small>		
13740-0541	EA	Vicoax Translator Note: Converts Vicon RS-422 PTZ commands to Vicoax, 16 channels. Vicon model V422-VI	622.92	17.65
13740-0542	EA	RS-422 Dual Input Code Merger Note: Merges control data from two separate control systems into one device. Vicon model VSCM-200.	594.01	17.65
13740-0543	EA	Video Loss Detector Accepts Up To 256 Camera Inputs..... Note: Merges control data from two separate control systems into one device. Vicon model V1400X-VLD.	1,056.58	17.65
13740-0544	EA	Distribution Line Control Note: Provides up to 10 communication lines from CPU when used in star configuration. Vicon model V1400X-IDL.	622.92	17.65
13740-0545	EA	Alarm Interface, Accepts Up To 32 Custom Alarm Inputs..... Note: Vicon model V1300X-IA.	638.14	17.65
13740-0546	EA	Alarm Interface, Accepts Up To 64 Custom Alarm Inputs..... Note: Vicon model V1300X-IA-EX.	752.26	17.65
13740-0547	EA	Alarm Interface, With Relay Follow..... Note: Vicon model V1300X-IAF.	1,179.83	17.65
13740-0548	EA	Cable Adapter 34-25 Pin Note: Vicon model V1300X-CA.	77.65	3.82
13740-0549	EA	Relay/Audio-Follow-Video Switcher Note: Mono, 32 inputs, for use with matrix switching systems. Vicon model V1332AF.	688.35	17.65
13740-0550		PTZ Receivers <small>(13740-0401)</small>		
13740-0551	EA	Outdoor Variable-Speed Receiver..... Note: For VIST25 pan-and-tilt, 120 VAC input, 24 VDC output to pan-and-tilt drives. Vicon model V1305R-DC1.	719.65	35.36

13000 Special Construction**13700 Security Access And Surveillance****13740 Closed Circuit Television And Surveillance Systems (Vicon)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13740-0552	EA	Outdoor Universal Receiver, 24 VAC Input..... Note: 24 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-1WA.	380.65	18.71
13740-0553	EA	Outdoor Universal Receiver, 120 VAC Input..... Note: 24 or 120 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-2WA.	380.65	18.71
13740-0554		Receiver Options <small>(13740-0401)</small>		
13740-0555	EA	Interface Card Note: Internal board adapts V1311RB receivers for use with NOVA CPUs. Vicon model V1311R-VPS-1.	208.33	10.24
13740-0556	EA	Vicoax Interface Card Note: Adapts V1311RB receiver for use with Vicoax transmitter. Vicon model V1311R-VI-1.	140.15	6.88
13743		Closed Circuit Television And Surveillance Systems (Pelco) <small>(13700)</small>		
		Note: Includes programming of equipment, testing of new devices and certification.		
13743-0001		Cameras And Accessories <small>(13743)</small>		
13743-0002		Cameras <small>(13743-0001)</small>		
13743-0003		1/3" Format Cameras <small>(13743-0002)</small>		
13743-0004		High Resolution Color, 1/3" Format Cameras <small>(13743-0003)</small>		
13743-0005	EA	Extended Dynamic Range, High Resolution Color, 1/3" Format Camera (Pelco CC3701H-2)	294.49	17.65
13743-0006	EA	Low Light, Digital Slow Shutter, High Resolution Color, 1/3" Format Camera (Pelco CC3751H-2)	394.33	17.65
13743-0007		Compact, 1/3" Format Cameras <small>(13743-0002)</small>		
13743-0008		High Resolution Color, Compact, 1/3" Format Cameras <small>(13743-0007)</small>		
13743-0009	EA	Wide Dynamic Range, High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco CCC1390H)	471.77	17.65
13743-0010	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	386.65	17.65
13743-0011		Day/Night, Compact, 1/3" Format Cameras <small>(13743-0007)</small>		
13743-0012	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	227.29	17.65
13743-0013		Camerapaks <small>(13743-0001)</small>		
		Note: Includes camera and lens.		
13743-0014		Camerapaks <small>(13743-0013)</small>		
13743-0015		High Resolution Color, Camerapaks <small>(13743-0014)</small>		
13743-0016		Fixed Focus, High Resolution Color, Camerapaks <small>(13743-0015)</small>		
13743-0017		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(13743-0016)</small>		
13743-0018	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	296.41	17.65
13743-0019	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	278.49	17.65
13743-0020	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	270.17	17.65
13743-0021	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	268.25	17.65
13743-0022		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(13743-0016)</small>		
13743-0023	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	323.29	17.65
13743-0024	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	296.41	17.65
13743-0025	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	290.01	17.65
13743-0026	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	284.89	17.65
13743-0027		Varifocal, High Resolution Color, Camerapaks <small>(13743-0015)</small>		
13743-0028		Manual Iris, Varifocal, High Resolution Color, Camerapaks <small>(13743-0027)</small>		
13743-0029	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	349.53	17.65
13743-0030	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	314.97	17.65
13743-0031	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	286.81	17.65
13743-0032	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	275.29	17.65
13743-0033	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	318.17	17.65
13743-0034		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(13743-0027)</small>		
13743-0035	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	377.69	17.65
13743-0036	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	354.01	17.65
13743-0037	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	313.69	17.65
13743-0038	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	279.77	17.65
13743-0039	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	331.61	17.65
13743-0040	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	375.13	17.65
13743-0041	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	430.81	17.65



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	13743-0042		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(13743-0027)</small>		
	13743-0043	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	294.49	17.65
	13743-0044	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	352.73	17.65
	13743-0045		High Resolution Day/Night, Camerapaks <small>(13743-0014)</small>		
	13743-0046		Varifocal, High Resolution Day/Night, Camerapaks <small>(13743-0045)</small>		
	13743-0047		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(13743-0046)</small>		
	13743-0048	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	598.49	17.65
	13743-0049	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	558.17	17.65
	13743-0050	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	524.25	17.65
	13743-0051	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	576.09	17.65
	13743-0052	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	619.61	17.65
	13743-0053	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	674.65	17.65
	13743-0054		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(13743-0046)</small>		
	13743-0055	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	538.97	17.65
	13743-0056	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	597.21	17.65
	13743-0057		Compact Camerapaks <small>(13743-0013)</small>		
	13743-0058		High Resolution Color, Compact Camerapaks <small>(13743-0057)</small>		
	13743-0059		DSS, High Resolution Color, Compact Camerapaks <small>(13743-0058)</small>		
	13743-0060		Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(13743-0059)</small>		
	13743-0061		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(13743-0060)</small>		
	13743-0062	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	463.45	17.65
	13743-0063	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	445.53	17.65
	13743-0064	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	436.57	17.65
	13743-0065	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	434.65	17.65
	13743-0066		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(13743-0060)</small>		
	13743-0067	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	489.69	17.65
	13743-0068	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	463.45	17.65
	13743-0069	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	457.05	17.65
	13743-0070	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	451.93	17.65
	13743-0071		Varifocal, DSS, High Resolution Color, Camerapaks <small>(13743-0059)</small>		
	13743-0072		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(13743-0071)</small>		
	13743-0073	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	516.57	17.65
	13743-0074	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	481.37	17.65
	13743-0075	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	453.85	17.65
	13743-0076	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	442.33	17.65
	13743-0077	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	484.57	17.65
	13743-0078	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	512.09	17.65
	13743-0079	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	577.37	17.65
	13743-0080		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(13743-0071)</small>		
	13743-0081	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	544.09	17.65
	13743-0082	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	521.05	17.65
	13743-0083	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	480.73	17.65
	13743-0084	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	446.17	17.65
	13743-0085	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	498.65	17.65
	13743-0086	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	542.17	17.65
	13743-0087	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	597.21	17.65
	13743-0088		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks <small>(13743-0071)</small>		
	13743-0089	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	461.53	17.65
	13743-0090	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	519.77	17.65

13000 Special Construction**13700 Security Access And Surveillance**

13743 Closed Circuit Television And Surveillance Systems (Pelco)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0091 EDR, High Resolution Color, Compact Camerapaks (13743-0058)		
13743-0092 Fixed Focus, EDR, High Resolution Color, Camerapaks (13743-0091)		
13743-0093 Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks (13743-0092)		
13743-0094 EA 2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3).....	463.45	17.65
13743-0095 EA 2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8).....	345.69	17.65
13743-0096 EA 4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4).....	336.73	17.65
13743-0097 EA 8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8).....	334.81	17.65
13743-0098 Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks (13743-0092)		
13743-0099 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A).....	389.85	17.65
13743-0100 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A).....	363.61	17.65
13743-0101 EA 4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A).....	357.21	17.65
13743-0102 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A).....	357.21	17.65
13743-0103 Varifocal, EDR, High Resolution Color, Camerapaks (13743-0091)		
13743-0104 Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks (13743-0103)		
13743-0105 EA 1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1).....	416.73	17.65
13743-0106 EA 2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2).....	381.53	17.65
13743-0107 EA 2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21).....	354.01	17.65
13743-0108 EA 3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3).....	342.49	17.65
13743-0109 EA 5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5).....	384.73	17.65
13743-0110 EA 5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50).....	412.25	17.65
13743-0111 EA 5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55).....	477.53	17.65
13743-0112 Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks (13743-0103)		
13743-0113 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A).....	444.25	17.65
13743-0114 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A).....	421.21	17.65
13743-0115 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A).....	380.25	17.65
13743-0116 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A).....	346.33	17.65
13743-0117 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A).....	398.81	17.65
13743-0118 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A).....	442.33	17.65
13743-0119 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A).....	497.37	17.65
13743-0120 Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks (13743-0103)		
13743-0121 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A).....	361.69	17.65
13743-0122 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A).....	419.93	17.65
13743-0123 High Resolution Day/Night, Compact Camerapaks (13743-0057)		
13743-0124 Fixed Focus, High Resolution Day/Night, Compact Camerapaks (13743-0123)		
13743-0125 Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks (13743-0124)		
13743-0126 EA 8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8).....	427.61	17.65
13743-0127 DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks (13743-0124)		
13743-0128 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A).....	482.65	17.65
13743-0129 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A).....	455.77	17.65
13743-0130 Varifocal, High Resolution Day/Night, Compact Camerapaks (13743-0123)		
13743-0131 Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (13743-0130)		
13743-0132 EA 2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21).....	446.17	17.65
13743-0133 EA 3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3).....	434.65	17.65
13743-0134 EA 5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50).....	505.05	17.65
13743-0135 Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (13743-0130)		
13743-0136 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A).....	513.37	17.65
13743-0137 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A).....	473.05	17.65
13743-0138 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A).....	439.13	17.65



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0139 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	490.97	17.65
13743-0140 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	534.49	17.65
13743-0141 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	590.17	17.65
13743-0142 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (13743-0130)		
13743-0143 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	453.85	17.65
13743-0144 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	512.09	17.65
13743-0145 Camera Systems (13743-0001)		
13743-0146 Camera Dome Systems (13743-0145)		
13743-0147 Spectra®, Pan/Tilt Camera Dome Systems (13743-0146)		
13743-0148 Spectra®, Pan/Tilt Camera Dome Systems (13743-0147) Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
13743-0149 Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0148)		
13743-0150 Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0149)		
13743-0151 EA 22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	1,893.67	105.87
13743-0152 EA 22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	2,156.07	105.87
13743-0153 EA 22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	2,273.83	105.87
13743-0154 EA 22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	3,154.47	105.87
13743-0155 Color, Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0149)		
13743-0156 EA 16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	1,596.07	105.87
13743-0157 EA 16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	1,728.55	105.87
13743-0158 EA 16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	1,846.95	105.87
13743-0159 EA 16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	1,914.79	105.87
13743-0160 EA 16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	1,914.79	105.87
13743-0161 EA 22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,006.31	105.87
13743-0162 EA 22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,269.35	105.87
13743-0163 EA 22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	2,387.75	105.87
13743-0164 EA 22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	2,455.59	105.87
13743-0165 EA 22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	2,455.59	105.87
13743-0166 Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0149)		
13743-0167 EA 23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	2,334.63	105.87
13743-0168 EA 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	2,597.67	105.87
13743-0169 EA 23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	2,716.07	105.87
13743-0170 EA 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	2,783.91	105.87
13743-0171 EA 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	2,783.91	105.87
13743-0172 Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0149)		
13743-0173 EA 18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,119.59	105.87
13743-0174 EA 18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,252.71	105.87
13743-0175 EA 18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	2,370.47	105.87
13743-0176 EA 18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	2,438.31	105.87
13743-0177 EA 18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	2,438.31	105.87
13743-0178 EA 35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	2,550.31	105.87
13743-0179 EA 35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	2,759.59	105.87
13743-0180 EA 35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	2,877.35	105.87
13743-0181 EA 35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	2,945.19	105.87
13743-0182 EA 35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	2,945.19	105.87
13743-0183 Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0148)		
13743-0184 Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0183)		
13743-0185 EA 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,074.15	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0186 EA 16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,188.07	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0187 EA 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,278.95	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	

13000 Special Construction**13700 Security Access And Surveillance****13743 Closed Circuit Television And Surveillance Systems (Pelco)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0188 EA 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF).....	2,575.27	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0189 EA 22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP).....	2,689.19	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0190 EA 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE).....	2,780.71	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0191 Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0183)		
13743-0192 EA 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF).....	2,597.67	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0193 EA 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP).....	2,711.59	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0194 EA 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE).....	2,803.11	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0195 EA 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF).....	3,065.51	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0196 EA 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP).....	3,178.79	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0197 EA 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE).....	3,270.31	105.87
13MOD-0076 For Protective Lower Dome Cage, Add	34.65	
13743-0198 Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0148)		
13743-0199 Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0198)		
13743-0200 EA 18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE).....	3,437.99	105.87
13743-0201 EA 35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE).....	3,905.83	105.87
13743-0202 Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0148)		
13743-0203 Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0202)		
13743-0204 EA 22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE).....	2,988.71	105.87
13743-0205 Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0202)		
13743-0206 EA 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE).....	2,600.87	105.87
13743-0207 EA 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE).....	3,102.63	105.87
13743-0208 Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0202)		
13743-0209 EA 23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	3,430.95	105.87
13743-0210 Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (13743-0202)		
13743-0211 EA 18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	3,125.03	105.87
13743-0212 EA 35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	3,592.23	105.87
13743-0213 Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems (13743-0148)		
13743-0214 Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems (13743-0213)		
13743-0215 EA 10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B).....	1,195.43	105.87
13743-0216 Spectra® IP Network, Pan/Tilt Camera Dome Systems (13743-0147)		
Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
13743-0217 Spectra® IV IP Network, Pan/Tilt Camera Dome Systems (13743-0216)		
13743-0218 Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems (13743-0217)		
13743-0219 EA 16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	2,206.63	105.87
13743-0220 EA 16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	2,325.03	105.87
13743-0221 EA 16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	2,392.87	105.87
13743-0222 EA 16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	2,392.87	105.87
13743-0223 EA 22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	2,747.43	105.87



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0224	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	2,865.83	105.87
13743-0225	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	2,933.67	105.87
13743-0226	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	2,933.67	105.87
13743-0227		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(13743-0217)</small>		
13743-0228	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	3,075.75	105.87
13743-0229	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	3,194.15	105.87
13743-0230	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	3,261.99	105.87
13743-0231	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	3,261.99	105.87
13743-0232		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(13743-0216)</small>		
13743-0233		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(13743-0232)</small>		
13743-0234	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	2,552.23	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0235	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	2,666.15	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0236	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	2,757.03	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0237	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	3,053.35	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0238	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	3,167.27	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0239	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	3,258.79	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0240		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(13743-0232)</small>		
13743-0241	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	3,075.75	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0242	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	3,189.67	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0243	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	3,281.19	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0244	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	3,543.59	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0245	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	3,656.87	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0246	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	3,748.39	105.87
	13MOD-0076	For Protective Lower Dome Cage, Add	34.65	
13743-0247		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(13743-0216)</small>		
13743-0248		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(13743-0247)</small>		
13743-0249	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	3,078.95	105.87
13743-0250	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	3,580.71	105.87
13743-0251		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(13743-0247)</small>		
13743-0252	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	3,909.03	105.87
13743-0253		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(13743-0247)</small>		
13743-0254	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	3,603.11	105.87
13743-0255	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,070.31	105.87

13000 Special Construction**13700 Security Access And Surveillance**

13743 Closed Circuit Television And Surveillance Systems (Pelco)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0256		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems (13743-0216)		
13743-0257		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems (13743-0256)		
13743-0258	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	1,503.91	105.87
13743-0259		Spectra®, Pan/Tilt Dome Drives (13743-0147)		
		Note: Includes dome drive, camera and lens.		
13743-0260	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,112.14	88.23
13743-0261	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	1,419.34	88.23
13743-0262	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	1,798.86	88.23
13743-0263	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	1,411.02	88.23
13743-0264	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	1,912.14	88.23
13743-0265	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	1,934.54	88.23
13743-0266	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	2,240.46	88.23
13743-0267	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	2,402.38	88.23
13743-0268	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	2,402.38	88.23
13743-0269		Accessories For Spectra® Pan/Tilt Camera Dome Systems (13743-0147)		
13743-0270	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	90.24	
13743-0271	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	117.76	
13743-0272	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	97.01	8.82
13743-0273	EA	24V Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	246.13	8.82
13743-0274	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	94.45	8.82
13743-0275	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	262.77	8.82
13743-0276	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	48.88	5.25
13743-0277		Camclosure®, Camera Dome Systems (13743-0146)		
13743-0278		Camclosure® IS Integrated, Camera Dome Systems (13743-0277)		
13743-0279		Camclosure® IS Integrated, Camera Dome Systems (13743-0278)		
13743-0280		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems (13743-0279)		
13743-0281	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	438.95	105.87
13743-0282	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	477.35	105.87
13743-0283	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	531.75	105.87
13743-0284	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	531.75	105.87
13743-0285		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems (13743-0279)		
13743-0286	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	538.79	105.87
13743-0287	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	588.71	105.87
13743-0288	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	588.71	105.87
13743-0289		Day/Night, Camclosure® IS Integrated, Camera Dome Systems (13743-0279)		
13743-0290	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	619.43	105.87
13743-0291	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	742.95	105.87
13743-0292	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	742.95	105.87
13743-0293		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems (13743-0279)		
13743-0294	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	678.31	105.87
13743-0295	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	757.67	105.87
13743-0296		Camclosure® IS Integrated, Bullet Style Camera Systems (13743-0278)		
13743-0297		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems (13743-0296)		
13743-0298	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	489.33	70.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0299 Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(13743-0296)</small>		
13743-0300 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	561.65	70.58
13743-0301 Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(13743-0296)</small>		
13743-0302 EA 9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	619.25	70.58
13743-0303 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(13743-0296)</small>		
13743-0304 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	648.05	70.58
13743-0305 Camclosure® IS Integrated Cameras <small>(13743-0278)</small>		
13743-0306 EA 12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	342.13	70.58
13743-0307 EA 9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22).....	342.13	70.58
13743-0308 EA 9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	399.09	70.58
13743-0309 EA 9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	553.33	70.58
13743-0310 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	568.05	70.58
13743-0311 Camclosure® ICS Integrated, Camera Dome Systems <small>(13743-0277)</small>		
13743-0312 Camclosure® ICS Integrated, Camera Dome Systems <small>(13743-0311)</small>		
13743-0313 Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems <small>(13743-0312)</small>		
13743-0314 EA 12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	375.59	105.87
13743-0315 EA 12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T).....	403.11	105.87
13743-0316 EA 12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	513.19	105.87
13743-0317 EA 12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	513.19	105.87
13743-0318 High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems <small>(13743-0312)</small>		
13743-0319 EA 3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	636.71	105.87
13743-0320 Camclosure® ICS Integrated, Bullet Style Camera Systems <small>(13743-0311)</small>		
13743-0321 Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems <small>(13743-0320)</small>		
13743-0322 EA 12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	442.61	70.58
13743-0323 Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(13743-0311)</small>		
13743-0324 High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(13743-0323)</small>		
13743-0325 EA 9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	588.71	105.87
13743-0326 Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(13743-0323)</small>		
13743-0327 EA 9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22).....	646.31	105.87
13743-0328 Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(13743-0323)</small>		
13743-0329 EA 9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22).....	718.63	105.87
13743-0330 Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(13743-0323)</small>		
13743-0331 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	747.43	105.87

13000 Special Construction**13700 Security Access And Surveillance****13743 Closed Circuit Television And Surveillance Systems (Pelco)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0332 Camclosure® IP Network, Camera Dome Systems <small>(13743-0277)</small>		
13743-0333 Camclosure® IP Network, Camera Dome Systems <small>(13743-0332)</small>		
13743-0334 High Resolution Color, Camclosure® IP Network, Camera Dome Systems <small>(13743-0333)</small>		
13743-0335 EA 3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,064.87	105.87
13743-0336 EA 9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,064.87	105.87
13743-0337 Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems <small>(13743-0333)</small>		
13743-0338 EA 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,144.23	105.87
13743-0339 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22).....	1,144.23	105.87
13743-0340 Day/Night, Camclosure® IP Network, Camera Dome Systems <small>(13743-0333)</small>		
13743-0341 EA 3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,266.47	105.87
13743-0342 EA 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,266.47	105.87
13743-0343 Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems <small>(13743-0333)</small>		
13743-0344 EA 3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9).....	1,352.87	105.87
13743-0345 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22).....	1,352.87	105.87
13743-0346 Accessories For Camclosure® Camera Dome Systems <small>(13743-0277)</small>		
13743-0347 EA 4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	22.11	5.29
13743-0348 EA 4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP).....	22.11	5.29
13743-0349 EA Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS).....	29.17	8.82
13743-0350 EA Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	47.09	8.82
13743-0351 EA 2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P).....	48.99	5.29
13743-0352 EA Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG).....	47.09	8.82
13743-0353 EA Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM).....	59.89	8.82
13743-0354 EA Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A).....	160.73	17.65
13743-0355 EA Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A).....	160.73	17.65
13743-0356 EA Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	160.73	17.65
13743-0357 EA Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A).....	160.73	17.65
13743-0358 EA Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P).....	56.69	8.82
13743-0359 EA Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD).....	64.09	17.65
13743-0360 EA Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD).....	64.09	17.65
13743-0361 EA Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD).....	64.09	17.65
13743-0362 EA Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD).....	64.09	17.65
13743-0363 EA Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	64.09	17.65
13743-0364 EA Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD).....	64.09	17.65
13743-0365 EA Surface Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS110-ENC)	186.64	24.10
13743-0366 EA Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC).....	186.64	24.10
13743-0367 EA Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P).....	40.05	8.82
13743-0368 EA Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW).....	68.85	8.82
13743-0369 EA White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P).....	40.05	8.82
13743-0370 EA White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW).....	68.85	8.82
13743-0371 EA Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC).....	992.55	105.87
13743-0372 Pan/Tilt Camera Systems <small>(13743-0145)</small>		
13743-0373 Esprit® CBZ, Pan/Tilt Camera Systems <small>(13743-0372)</small>		
Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
13743-0374 EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems <small>(13743-0373)</small>		
13743-0375 Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems <small>(13743-0374)</small>		
13743-0376 EA 10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N).....	2,821.94	158.82
13743-0377 EA 20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N).....	3,206.58	158.82
13743-0378 EA 30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N).....	3,739.70	158.82
13743-0379 EA 10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	2,904.50	158.82
13743-0380 EA 20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN).....	3,306.42	158.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0381 EA 30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	3,839.54	158.82
13743-0382 Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems <small>(13743-0374)</small>		
13743-0383 EA 10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	2,848.18	158.82
13743-0384 EA 20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	3,232.82	158.82
13743-0385 EA 30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	3,765.94	158.82
13743-0386 EA 10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	2,931.38	158.82
13743-0387 EA 20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	3,332.66	158.82
13743-0388 EA 30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	3,865.78	158.82
13743-0389 Esprit® CLZ, Pan/Tilt Camera Systems <small>(13743-0372)</small>		
13743-0390 DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(13743-0389)</small>		
13743-0391 Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(13743-0390)</small>		
13743-0392 EA 10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	2,921.78	158.82
13743-0393 EA 20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	3,306.42	158.82
13743-0394 EA 30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	3,839.54	158.82
13743-0395 EA 10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	3,004.34	158.82
13743-0396 EA 20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	3,406.26	158.82
13743-0397 EA 30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	3,939.38	158.82
13743-0398 Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(13743-0390)</small>		
13743-0399 EA 10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	2,948.02	158.82
13743-0400 EA 20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	3,332.66	158.82
13743-0401 EA 30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	3,865.78	158.82
13743-0402 EA 10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	3,031.22	158.82
13743-0403 EA 20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	3,432.50	158.82
13743-0404 EA 30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	3,965.62	158.82
13743-0405 Esprit® AJZ, Pan/Tilt Camera Systems <small>(13743-0372)</small>		
13743-0406 High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <small>(13743-0405)</small>		
13743-0407 Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <small>(13743-0406)</small>		
13743-0408 EA 6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	2,754.74	158.82
13743-0409 EA 5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	3,139.38	158.82
13743-0410 EA 5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	3,672.50	158.82
13743-0411 EA 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	2,837.94	158.82
13743-0412 EA 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	3,239.22	158.82
13743-0413 EA 5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	3,772.34	158.82
13743-0414 Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems <small>(13743-0406)</small>		
13743-0415 EA 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	2,781.62	158.82
13743-0416 EA 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	3,165.62	158.82
13743-0417 EA 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	3,699.38	158.82
13743-0418 EA 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	2,800.18	158.82
13743-0419 EA 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	2,864.18	158.82
13743-0420 EA 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	3,265.46	158.82
13743-0421 EA 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	3,799.22	158.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0422 Esprit® AMZ, Pan/Tilt Camera Systems (13743-0372)		
13743-0423 Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (13743-0422)		
13743-0424 Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (13743-0423)		
13743-0425 EA 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	3,298.74	158.82
13743-0426 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	3,831.86	158.82
13743-0427 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	2,997.30	158.82
13743-0428 EA 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	3,398.58	158.82
13743-0429 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	3,931.70	158.82
13743-0430 Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (13743-0423)		
13743-0431 EA 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	2,940.98	158.82
13743-0432 EA 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	3,324.98	158.82
13743-0433 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	3,858.74	158.82
13743-0434 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	3,023.54	158.82
13743-0435 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	3,424.82	158.82
13743-0436 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	3,958.58	158.82
13743-0437 Esprit® KWZ, Pan/Tilt Camera Systems (13743-0372)		
13743-0438 Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (13743-0437)		
13743-0439 Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (13743-0438)		
13743-0440 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	3,916.98	158.82
13743-0441 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	3,081.78	158.82
13743-0442 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	4,016.82	158.82
13743-0443 Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (13743-0438)		
13743-0444 EA 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	3,025.46	158.82
13743-0445 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	3,943.86	158.82
13743-0446 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	3,108.66	158.82
13743-0447 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	3,509.94	158.82
13743-0448 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	4,043.70	158.82
13743-0449 Esprit® IOC, Pan/Tilt Camera Systems (13743-0372)		
13743-0450 Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (13743-0449)		
13743-0451 Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (13743-0450)		
13743-0452 EA 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	3,293.62	158.82
13743-0453 Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (13743-0450)		
13743-0454 EA 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	3,319.86	158.82
13743-0455 High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (13743-0449)		
13743-0456 Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (13743-0455)		
13743-0457 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	3,916.98	158.82
13743-0458 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	3,786.42	158.82
13743-0459 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	4,308.02	158.82
13743-0460 Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (13743-0455)		
13743-0461 EA 22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	3,942.58	158.82
13743-0462 EA 24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	3,786.42	158.82
13743-0463 EA 35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	4,336.82	158.82
13743-0464 Esprit® IOP, Pan/Tilt Camera Systems (13743-0372)		
13743-0465 High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (13743-0464)		



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0466	Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems <small>(13743-0465)</small>			
13743-0467	EA 16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N).....	2,526.26	158.82	
13743-0468	EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N).....	3,150.26	158.82	
13743-0469	EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N).....	3,021.62	158.82	
13743-0470	EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N).....	3,428.02	158.82	
13743-0471	Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems <small>(13743-0465)</small>			
13743-0472	EA 16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W).....	2,551.86	158.82	
13743-0473	EA 22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W).....	3,176.50	158.82	
13743-0474	EA 24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W).....	3,047.86	158.82	
13743-0475	EA 35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W).....	3,456.82	158.82	
13743-0476	Esprit® Thermal, Pan/Tilt Camera Systems <small>(13743-0372)</small>			
13743-0477	Esprit® Thermal, Pan/Tilt Camera Systems <small>(13743-0476)</small>			
13743-0478	Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems <small>(13743-0477)</small>			
13743-0479	EA 14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N).....	16,386.10	158.82	
13743-0480	EA 35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N).....	17,623.22	158.82	
13743-0481	EA 50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N).....	18,038.58	158.82	
13743-0482	Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems <small>(13743-0477)</small>			
13743-0483	EA 14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W).....	16,412.98	158.82	
13743-0484	EA 35 mm, 30 Hz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W).....	17,649.46	158.82	
13743-0485	EA 50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W).....	18,064.82	158.82	
13743-0486	Accessories For Esprit® Pan/Tilt Camera Systems <small>(13743-0372)</small>			
13743-0487	EA Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE).....	6.92	1.77	
13743-0488	EA Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT).....	40.05	8.82	
13743-0489	EA Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM).....	63.09	8.82	
13743-0490	EA Wall Mount For High Security Enclosures (Pelco HSWM12).....	80.37	8.82	
13743-0491	EA Ground Isolation Transformer (Pelco GIT100).....	231.44	24.10	
13743-0492	EA High Security, Indoor Wedge Style Enclosure (Pelco HS2100).....	228.24	24.10	
13743-0493	EA High Security, Indoor 10" Length Enclosure (Pelco HS3000).....	278.16	24.10	
13743-0494	EA High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500).....	514.96	24.10	
13743-0495	EA High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080).....	214.16	24.10	
13743-0496	EA High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134).....	413.20	24.10	
13743-0497	EA Bullet-Resistant, Outdoor Enclosure (Pelco HS4514).....	880.40	24.10	
13743-0498	EA Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT).....	1,047.44	24.10	
13743-0499	EA 24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24).....	1,085.20	24.10	
13743-0500	EA 35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35).....	1,144.72	24.10	
13743-0501	EA 24 VAC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2).....	1,917.20	24.10	
13743-0502	EA 115/230 VAC, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5).....	1,917.20	24.10	
13743-0503	EA 24 VAC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N).....	1,936.40	24.10	
13743-0504	EA 120 VAC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5N).....	1,936.40	24.10	
13743-0505	EA 24 VAC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W).....	1,963.28	24.10	
13743-0506	EA 120 VAC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5W).....	1,963.28	24.10	
13743-0507	EA 30X, 24 VAC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30).....	3,599.12	24.10	
13743-0508	EA 30X, 24 VAC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P).....	3,698.96	24.10	
13743-0509	EA Esprit® Camera Pole Mount Adapter (Pelco EPM).....	56.83	5.68	
13743-0510	EA Pole Mount Adapter For Esprit® Systems (Pelco EPM).....	56.83	5.68	
13743-0511	Camera Lenses <small>(13743-0001)</small>			
13743-0512	Fixed Focus Camera Lenses <small>(13743-0511)</small> Note: 1/3" format and manual focus.			
13743-0513	Manual Iris, Fixed Focus Camera Lenses <small>(13743-0512)</small>			
13743-0514	EA 2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3).....	102.25	8.28	
13743-0515	EA 2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8).....	84.33	8.28	
13743-0516	EA 4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4).....	75.37	8.28	
13743-0517	EA 8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8).....	73.45	8.28	
13743-0518	Direct Drive Auto Iris, Fixed Focus Camera Lenses <small>(13743-0512)</small> Note: Includes spot filter. Excludes amplifier.			
13743-0519	EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3).....	128.49	8.28	
13743-0520	EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8).....	102.25	8.28	
13743-0521	EA 4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4).....	95.85	8.28	
13743-0522	EA 8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8).....	67.69	8.28	
13743-0523	Video Drive Auto Iris, Fixed Focus Camera Lenses <small>(13743-0512)</small> Note: Includes LDC100 adapter to convert DC auto iris to video drive.			

13000 Special Construction**13700 Security Access And Surveillance****13743 Closed Circuit Television And Surveillance Systems (Pelco)**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0524	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S).....	152.17	8.28
13743-0525	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S).....	125.29	8.28
13743-0526	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S).....	118.89	8.28
13743-0527	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S).....	113.77	8.28
13743-0528		Varifocal Camera Lenses (13743-0511) Note: 1/3" format and manual focus and zoom.		
13743-0529		Manual Iris, Varifocal Camera Lenses (13743-0528)		
13743-0530	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3).....	155.37	8.28
13743-0531	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6).....	120.17	8.28
13743-0532	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12).....	92.65	8.28
13743-0533	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8).....	81.13	8.28
13743-0534	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5).....	216.17	8.28
13743-0535	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40).....	123.37	8.28
13743-0536	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50).....	150.89	8.28
13743-0537		Direct Drive Auto Iris, Varifocal Camera Lenses (13743-0528) Note: Includes spot filter.		
13743-0538	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3).....	182.89	8.28
13743-0539	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6).....	159.85	8.28
13743-0540	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12).....	118.89	8.28
13743-0541	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8).....	84.97	8.28
13743-0542	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5).....	236.01	8.28
13743-0543	EA	5-40 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-40).....	137.45	8.28
13743-0544	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50).....	180.97	8.28
13743-0545		Video Drive Auto Iris, Varifocal Camera Lenses (13743-0528) Note: Includes spot filter.		
13743-0546	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S).....	206.57	8.28
13743-0547	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S).....	182.89	8.28
13743-0548	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S).....	108.65	8.28
13743-0549	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S).....	204.01	8.28
13743-0550		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses (13743-0528)		
13743-0551	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....	100.33	8.28
13743-0552	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....	158.57	8.28
13743-0553		Motorized Zoom Camera Lenses (13743-0511) Note: 1/3" format.		
13743-0554		Manual Iris, Motorized Zoom Camera Lenses (13743-0553)		
13743-0555	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....	377.45	8.28
13743-0556	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....	472.17	8.28
13743-0557	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....	503.53	8.28
13743-0558		Direct Drive Auto Iris, Motorized Zoom Camera Lenses (13743-0553) Note: Includes spot filter.		
13743-0559	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....	363.37	8.28
13743-0560	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....	437.61	8.28
13743-0561	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....	556.65	8.28
13743-0562	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....	822.25	8.28
13743-0563	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....	1,356.01	8.28
13743-0564		Video Drive Auto Iris, Motorized Zoom Camera Lenses (13743-0553) Note: Includes spot filter.		
13743-0565	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....	387.05	8.28
13743-0566	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....	461.29	8.28
13743-0567	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....	580.33	8.28
13743-0568	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....	845.93	8.28
13743-0569	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....	1,379.05	8.28
13743-0570		Camera Power Supplies (13743-0001)		
13743-0571	EA	20 VA, 24 VAC, Camera Power Transformer (Pelco TF2000).....	25.63	7.06
13743-0572	EA	50 VA, 24 VAC, Camera Power Transformer (Pelco TF9000).....	44.83	7.06
13743-0573	EA	2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....	99.27	14.11
13743-0574	EA	5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....	137.07	21.18
13743-0575	EA	10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....	197.91	28.23
		13MOD-0075 For Switchable Outputs, Add	84.86	
13743-0576	EA	20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....	244.66	35.29
		13MOD-0075 For Switchable Outputs, Add	104.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0577 Camera Illuminators <small>(13743-0001)</small>		
13743-0578 Camera Illuminators <small>(13743-0577)</small>		
Note: Includes lamp and mounting bracket.		
13743-0579 EA Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,008.71	14.11
13743-0580 EA Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,008.71	14.11
13743-0581 EA Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,008.71	14.11
13743-0582 Camera Illuminator Accessories <small>(13743-0577)</small>		
13743-0583 EA Replacement Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	82.63	14.11
13743-0584 Camera Receivers <small>(13743-0001)</small>		
13743-0585 EA 24 VAC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	975.12	24.10
13743-0586 EA 120 VAC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	975.12	24.10
13743-0587 Pan And Tilt Drives <small>(13743-0001)</small>		
13743-0588 EA 15 LB Load, 24 VAC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	690.19	52.94
13743-0589 EA 40 LB Load, 24/120 VAC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	877.07	52.94
13MOD-0073 For Preset Positioning, Add	165.00	
13743-0590 EA 100 LB Load, 120 VAC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	1,857.55	52.94
13MOD-0073 For Preset Positioning, Add	165.00	
13743-0591 EA 100 LB Load, 120 VDC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	2,123.15	52.94
13MOD-0073 For Preset Positioning, Add	165.00	
13743-0592 EA 100 LB Load, 120 VDC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	2,457.23	52.94
13MOD-0073 For Preset Positioning, Add	165.00	
13743-0593 EA 100 LB Load, 120 VDC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	3,167.63	52.94
13MOD-0073 For Preset Positioning, Add	165.00	
13743-0594 Scanners <small>(13743-0001)</small>		
13743-0595 EA 35 LB Load, 24 VAC, Indoor/Outdoor Scanner (Pelco PS20-24)	788.11	52.94
13MOD-0071 For Wall Mount, Add	39.05	
13MOD-0072 For Pressure Sensor Alarm, Add	51.15	
13743-0596 EA 35 LB Load, 120 VAC, Indoor/Outdoor Scanner (Pelco PS20)	828.43	52.94
13MOD-0071 For Wall Mount, Add	39.05	
13MOD-0072 For Pressure Sensor Alarm, Add	51.15	
13743-0597 Camera Monitors <small>(13743)</small>		
13743-0598 Camera Monitors <small>(13743-0597)</small>		
13743-0599 Monochrome Camera Monitors <small>(13743-0598)</small>		
13743-0600 EA 9" Monochrome Camera Monitor (Pelco PMM9A)	153.66	10.59
13743-0601 EA 12" Monochrome Camera Monitor (Pelco PMM12A)	176.06	10.59
13743-0602 EA 15" Monochrome Camera Monitor (Pelco PMM15A)	270.78	10.59
13743-0603 EA 20" Monochrome Camera Monitor (Pelco PMM20A)	436.54	10.59
13743-0604 Color Camera Monitors <small>(13743-0598)</small>		
13743-0605 EA 9", High Resolution Color, Camera Monitor (Pelco PMC9A)	492.86	10.59
13743-0606 EA 15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	399.42	10.59
13743-0607 EA 17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	581.18	10.59
13743-0608 EA 19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	773.18	10.59
13743-0609 LCD Camera Monitors <small>(13743-0597)</small>		
13743-0610 VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) <small>(13743-0609)</small>		
Note: Displays VGA computer signals.		
13743-0611 EA 17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	557.50	10.59
13743-0612 EA 19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	726.46	10.59
13743-0613 Multimode, Color LCD Camera Monitors (Pelco 300 Series) <small>(13743-0609)</small>		
Note: Displays VGA computer signals and/or composite video signals.		
13743-0614 EA 15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	634.30	10.59
13743-0615 EA 17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	759.74	10.59
13743-0616 EA 19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	935.10	10.59
13743-0617 Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) <small>(13743-0609)</small>		
Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
13743-0618 EA 15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	814.78	10.59
13743-0619 EA 17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	945.34	10.59
13743-0620 EA 19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,186.62	10.59

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0621 Camera Monitor Mounting Accessories <small>(13743-0597)</small>		
13743-0622 Camera Monitor Mounts <small>(13743-0621)</small>		
13743-0623 EA Up To 14", Camera Monitor Mount (Pelco)	188.23	14.11
13743-0624 EA >14" To 17", Camera Monitor Mount (Pelco)	219.59	14.11
13743-0625 EA >17" To 21", Camera Monitor Mount (Pelco)	257.99	14.11
13743-0626 Camera Monitor Rack Mount Kits <small>(13743-0621)</small>		
13743-0627 EA Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	113.35	14.11
13743-0628 Video Transmission Equipment <small>(13743)</small>		
13743-0629 UTP Cable, Video Transmission Equipment <small>(13743-0628)</small>		
13743-0630 UTP Cable, Active Video Receivers <small>(13743-0629)</small>		
13743-0631 EA Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	236.89	17.65
13743-0632 EA Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	821.21	17.65
13743-0633 EA Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	1,618.01	17.65
13743-0634 EA Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	2,659.29	17.65
13743-0635 EA Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,105.37	17.65
13743-0636 UTP Cable, Passive Video Transceivers <small>(13743-0629)</small>		
13743-0637 EA Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	67.93	17.65
13743-0638 EA Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	236.89	17.65
13743-0639 EA Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	439.13	17.65
13743-0640 EA Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	837.21	17.65
13743-0641 EA Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	1,639.77	17.65
13743-0642 UTP Cable, Active Video Transmitters <small>(13743-0629)</small>		
13743-0643 EA Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	247.77	17.65
13743-0644 Fiber Optics, Video Transmission Equipment <small>(13743-0628)</small>		
13743-0645 Data Only, Fiber Optics Transmission Equipment <small>(13743-0644)</small>		
13743-0646 Bidirectional Data, Fiber Optics Transmitters <small>(13743-0645)</small>		
13743-0647 EA Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,445.30	35.29
13743-0648 EA Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	588.98	35.29
13743-0649 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,055.54	35.29
13743-0650 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	727.22	35.29
13743-0651 Bidirectional Data, Fiber Optics Receivers <small>(13743-0645)</small>		
13743-0652 EA Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,445.30	35.29
13743-0653 EA Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	588.98	35.29
13743-0654 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,055.54	35.29
13743-0655 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	727.22	35.29
13743-0656 Video Only, Fiber Optics Transmission Equipment <small>(13743-0644)</small>		
13743-0657 Digitally Encoded Video, Fiber Optics Transmitters <small>(13743-0656)</small>		
13743-0658 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	640.18	35.29
13743-0659 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	277.94	35.29
13743-0660 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	1,778.74	35.29
13743-0661 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,068.34	35.29
13743-0662 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	2,915.38	35.29
13743-0663 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	2,423.86	35.29
13743-0664 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	7,241.78	35.29
13743-0665 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	6,444.98	35.29
13743-0666 Digitally Encoded Video, Fiber Optics Receivers <small>(13743-0656)</small>		
13743-0667 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	640.18	35.29
13743-0668 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	277.94	35.29
13743-0669 EA Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,094.58	35.29
13743-0670 EA Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	442.42	35.29
13743-0671 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	1,778.74	35.29
13743-0672 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,068.34	35.29
13743-0673 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	2,915.38	35.29
13743-0674 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	2,423.86	35.29
13743-0675 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	7,241.78	35.29
13743-0676 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	6,444.98	35.29



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0677 Video And Data, Fiber Optics Transmission Equipment <small>(13743-0644)</small>		
13743-0678 Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters <small>(13743-0677)</small>		
13743-0679 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS).....	1,105.46	35.29
13743-0680 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	658.10	35.29
13743-0681 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S).....	2,576.82	35.29
13743-0682 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M).....	2,230.58	35.29
13743-0683 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	4,172.34	35.29
13743-0684 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M).....	3,024.18	35.29
13743-0685 Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers <small>(13743-0677)</small>		
13743-0686 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,105.46	35.29
13743-0687 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM).....	658.10	35.29
13743-0688 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S).....	2,576.82	35.29
13743-0689 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	2,230.58	35.29
13743-0690 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S).....	4,172.34	35.29
13743-0691 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	3,024.18	35.29
13743-0692 Video, Audio And Data, Fiber Optics Transmission Equipment <small>(13743-0644)</small>		
13743-0693 Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters <small>(13743-0692)</small>		
13743-0694 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S).....	1,424.82	35.29
13743-0695 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M).....	1,132.98	35.29
13743-0696 Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers <small>(13743-0692)</small>		
13743-0697 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S).....	1,424.82	35.29
13743-0698 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M).....	1,132.98	35.29
13743-0699 Video Amplifiers <small>(13743-0628)</small>		
13743-0700 Video Distribution Amplifiers <small>(13743-0699)</small>		
13743-0701 EA 1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT).....	175.73	8.82
13743-0702 EA 16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA).....	1,432.69	8.82
Note: Inserts time-date and title on up to 16 video inputs.		
13743-0703 Video Equalizing Amplifiers <small>(13743-0699)</small>		
13743-0704 EA Video Equalizing Amplifier (Pelco EA2010).....	191.09	8.82
13743-0705 EA Half-Duplex, Video Equalizing Amplifier (Pelco EA2000).....	300.53	8.82
13743-0706 Network Video Equipment <small>(13743)</small>		
13743-0707 Video Encoders/Decoders <small>(13743-0706)</small>		
13743-0708 EA MPEG4 IP Video Receiver (Pelco NET300R).....	708.02	17.65
13743-0709 EA MPEG4 IP Video Transmitter (Pelco NET300T).....	708.02	17.65
13743-0710 EA MPEG4 IP Video Receiver With Audio (Pelco NET350R).....	815.54	17.65
13743-0711 EA MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T).....	815.54	17.65
13743-0712 Network Video Recorders <small>(13743-0706)</small>		
13743-0713 EA 16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316).....	4,503.22	35.29
13743-0714 EA 32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332).....	5,241.14	35.29
13743-0715 EA 64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364).....	6,718.26	35.29
13743-0716 EA 64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300).....	4,447.54	35.29
13743-0717 Network Video Recorder Software <small>(13743-0706)</small>		
13743-0718 EA 10 User, License Pack (Pelco VMX300-LIC-10).....	445.44	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0719 EA 20 User, License Pack (Pelco VMX300-LIC-20)	803.20	
13743-0720 EA 50 User, License Pack (Pelco VMX300-LIC-50)	1,783.68	
13743-0721 EA 100 User, License Pack (Pelco VMX300-LIC-100)	3,120.00	
13743-0722 EA 10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	743.68	
13743-0723 EA 20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	1,337.60	
13743-0724 EA 50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	2,972.80	
13743-0725 EA 100 User, Enterprise License Pack (Pelco VMX300-E-LIC100).....	5,201.28	
13743-0726 EA 200 User, Enterprise License Pack (Pelco VMX300-E-LIC200).....	8,915.84	
13743-0727 EA 500 User, Enterprise License Pack (Pelco VMX300-E-LIC500).....	18,574.08	
13743-0728 EA 0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0).....	4,007.54	
13743-0729 EA 1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1).....	4,255.22	
13743-0730 EA 4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4).....	6,732.66	
13743-0731 EA 0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	4,453.62	
13743-0732 EA 1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	4,701.30	
13743-0733 EA 4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	7,177.46	
13743-0734 EA 0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0).....	4,305.14	
13743-0735 EA 1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	4,553.46	
13743-0736 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4).....	7,030.26	
13743-0737 EA 0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0).....	5,047.54	
13743-0738 EA 1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1).....	5,295.22	
13743-0739 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4).....	7,772.66	
13743-0740 Video Recording Equipment (13743)		
13743-0741 Digital Video Recorders (13743-0740)		
13743-0742 EA 8 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-1000).....	3,624.50	35.29
Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
13743-0743 EA 8 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-2000).....	4,899.38	35.29
Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
13743-0744 EA 8 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-3000).....	6,174.26	35.29
Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
13743-0745 EA 16 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-1000).....	4,155.70	35.29
Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
13743-0746 EA 16 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-2000).....	5,430.58	35.29
Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
13743-0747 EA 16 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-3000).....	6,705.46	35.29
Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.		
13743-0748 EA 8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	7,053.62	35.29
13743-0749 EA 8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	9,673.78	35.29
13743-0750 EA 8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	12,294.58	35.29
13743-0751 EA 16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	8,492.98	35.29
13743-0752 EA 16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	11,113.14	35.29
13743-0753 EA 16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	13,733.94	35.29
13743-0754 EA 24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	9,284.66	35.29
13743-0755 EA 24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	11,904.82	35.29
13743-0756 EA 24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	14,525.62	35.29
13743-0757 EA 32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	10,724.02	35.29
13743-0758 EA 32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	13,344.18	35.29
13743-0759 EA 32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	15,964.98	35.29
13743-0760 EA 16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500).....	7,786.61	35.29
13743-0761 Digital Video Recorder Accessories (13743-0740)		
13743-0762 EA 16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	684.98	17.65
13743-0763 Matrix Systems And Controls (13743)		
13743-0764 Video Multiplexers (13743-0763)		
13743-0765 Monochrome Duplex, Video Multiplexers (13743-0764)		
13743-0766 EA 9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	1,295.54	35.29
13743-0767 EA 16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	1,224.50	35.29



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0768	Color Duplex, Video Multiplexers <small>(13743-0764)</small>		
13743-0769	EA 4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	875.06	35.29
13743-0770	EA 9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	1,669.30	35.29
13743-0771	EA 16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	1,809.46	35.29
13743-0772	Color Simplex, Video Multiplexers <small>(13743-0764)</small>		
13743-0773	EA 9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	1,403.06	35.29
13743-0774	EA 16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	1,638.58	35.29
13743-0775	Video Multiplexer Accessories <small>(13743-0764)</small>		
13743-0776	EA Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	772.24	24.10
13743-0777	EA Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002).....	453.52	24.10
13743-0778	EA Video Multiplexer Server (Pelco MX4000SVR).....	1,295.54	35.29
13743-0779	Quad Video Processor <small>(13743-0763)</small>		
13743-0780	EA Monochrome, Quad Video Processor (Pelco QD104M).....	400.73	17.65
13743-0781	EA Color, Quad Video Processor (Pelco QD104C).....	656.73	17.65
13743-0782	Switcher <small>(13743-0763)</small>		
13743-0783	Terminating Manual Switchers <small>(13743-0782)</small>		
13743-0784	Terminating Manual Switchers <small>(13743-0783)</small>		
13743-0785	EA 4 Inputs, Terminating Manual Switcher (Pelco MS504DT).....	138.95	14.11
13743-0786	EA 8 Inputs, Terminating Manual Switcher (Pelco MS508DT).....	188.87	14.11
13743-0787	EA 12 Inputs, Terminating Manual Switcher (Pelco MS512DT).....	229.83	14.11
13743-0788	EA 18 Inputs, Terminating Manual Switcher (Pelco MS518DT).....	376.39	14.11
13743-0789	Audio Follow, Terminating Manual Switchers <small>(13743-0783)</small>		
13743-0790	EA 4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF).....	179.91	14.11
13743-0791	EA 8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF).....	317.51	14.11
13743-0792	EA 18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF).....	554.95	14.11
13743-0793	Balanced Audio Follow, Terminating Manual Switchers <small>(13743-0783)</small>		
13743-0794	EA 4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF).....	240.71	14.11
13743-0795	EA 8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF).....	441.67	14.11
13743-0796	Looping Manual Switchers <small>(13743-0782)</small>		
13743-0797	Looping Manual Switchers <small>(13743-0796)</small>		
13743-0798	EA 4 Inputs, Looping Manual Switcher (Pelco MS504LDT).....	155.59	14.11
13743-0799	EA 8 Inputs, Looping Manual Switcher (Pelco MS508LDT).....	213.83	14.11
13743-0800	EA 12 Inputs, Looping Manual Switcher (Pelco MS512LDT).....	272.71	14.11
13743-0801	EA 18 Inputs, Looping Manual Switcher (Pelco MS518LDT).....	449.99	14.11
13743-0802	Audio Follow, Looping Manual Switchers <small>(13743-0796)</small>		
13743-0803	EA 4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL).....	193.99	14.11
13743-0804	EA 8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL).....	339.27	14.11
13743-0805	EA 12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL).....	465.99	14.11
13743-0806	Balanced Audio Follow, Looping Manual Switchers <small>(13743-0796)</small>		
13743-0807	EA 4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL).....	257.99	14.11
13743-0808	EA 8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL).....	467.91	14.11
13743-0809	EA 12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL).....	588.87	14.11
13743-0810	Sequential Switchers <small>(13743-0782)</small>		
13743-0811	Single Output, Sequential Switchers <small>(13743-0810)</small>		
13743-0812	EA 4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104).....	273.35	14.11
13743-0813	EA 8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108).....	407.75	14.11
13743-0814	Dual Outputs, Sequential Switchers <small>(13743-0810)</small>		
13743-0815	EA 4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204).....	341.83	14.11
13743-0816	EA 8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208).....	473.67	14.11
13743-0817	Controls <small>(13743-0763)</small>		

13000 Special Construction**13700 Security Access And Surveillance****13743 Closed Circuit Television And Surveillance Systems (Pelco)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13743-0818 Direct/Multi-Cable Controls (13743-0817)		
13743-0819 EA Scanner Control Module (Pelco MPS524DT)	234.42	35.29
13743-0820 EA 120 VAC Pan/Tilt Control Module (Pelco MPT115DT).....	250.42	35.29
13743-0821 EA 24 VAC Pan/Tilt Control Module (Pelco MPT24DT).....	277.94	35.29
13743-0822 EA Motorized Zoom Lens Control Module (Pelco MLZ6DT).....	290.74	35.29
13743-0823 EA 120 VAC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT).....	459.70	35.29
13743-0824 EA 24 VAC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT).....	506.42	35.29
13743-0825 Coaxitron Controls (13743-0817)		
13743-0826 EA Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000).....	334.48	24.10
13743-0827 EA 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000).....	635.92	24.10
13743-0828 EA Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008).....	722.32	24.10
13743-0829 Digital Controls (13743-0817)		
13743-0830 EA Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A).....	450.32	24.10
13743-0831 EA Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A).....	765.84	24.10
13743-0832 Lock Boxes (13743-0763)		
13743-0833 EA VCR Lock Box (Pelco LB1000).....	276.30	26.47
13MOD-0074 For Wall Mount, Add	165.00	
13743-0834 EA Computer Disk Drive Lock Box (Pelco LB2000)	282.70	26.47
13743-0835 EA VCR And Multiplexer Lock Box (Pelco LB3000)	519.50	26.47
Note: Includes storage for 32 VCR tapes.		
13800 Building Automation Systems (13000)		
Note: Includes terminations for equipment and devices. Excludes wiring.		
13810 Clock And Program Systems (13800)		
Note: Includes programming of equipment, testing of new devices and certification.		
13810-0001 Wired Self-Corrective Clock Systems (13810)		
13810-0002 Wired Self-Corrective Clocks (13810-0001)		
13810-0003 Analog, Wired Self-Corrective Clocks (Telecor) (13810-0002)		
13810-0004 24 VAC, Analog, Wired Self-Corrective Clocks (13810-0003)		
13810-0005 EA 12", Single Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	172.09	17.62
13MOD-0054 For > 50 To 100, Deduct	-10.74	
13MOD-0058 For > 100, Deduct	-16.22	
13810-0006 EA 12", Dual Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Surface Mount.....	416.37	17.62
13MOD-0054 For > 50 To 100, Deduct	-20.52	
13MOD-0058 For > 100, Deduct	-35.76	
13810-0007 EA 16", Single Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	217.13	17.62
13MOD-0055 For > 50 To 100, Deduct	-14.37	
13MOD-0059 For > 100, Deduct	-21.64	
13810-0008 EA 16", Dual Sided, 24 VAC, Analog, Wired Self-Corrective Clock, Surface Mount.....	551.50	17.62
13MOD-0056 For > 50 To 100, Deduct	-56.90	
13MOD-0057 For > 100, Deduct	-77.55	
13810-0009 120 VAC, Analog, Wired Self-Corrective Clocks (13810-0003)		
13810-0010 EA 12", Single Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	172.09	17.62
13MOD-0054 For > 50 To 100, Deduct	-10.74	
13MOD-0058 For > 100, Deduct	-16.22	
13810-0011 EA 12", Dual Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Surface Mount.....	416.37	17.62
13MOD-0054 For > 50 To 100, Deduct	-20.52	
13MOD-0058 For > 100, Deduct	-35.76	
13810-0012 EA 16", Single Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	217.13	17.62
13MOD-0055 For > 50 To 100, Deduct	-14.37	
13MOD-0059 For > 100, Deduct	-21.64	
13810-0013 EA 16", Dual Sided, 120 VAC, Analog, Wired Self-Corrective Clock, Surface Mount.....	551.50	17.62
13MOD-0056 For > 50 To 100, Deduct	-56.90	
13MOD-0057 For > 100, Deduct	-77.55	
13810-0014 Accessories For Analog Wired Self-Corrective Clocks (13810-0003)		
13810-0015 EA Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	143.23	8.80
13810-0016 EA Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	34.94	8.80
13810-0017 EA Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	44.91	8.80
13810-0018 EA Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	55.31	8.80
13810-0019 Digital, Wired Self-Corrective Clocks (Telecor) (13810-0002)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13810-0020	24 VAC, Digital, Wired Self-Corrective Clocks <small>(13810-0019)</small>		
13810-0021	EA 2.5", 24 VAC, Digital, Wired Self-Corrective Clock, Flush Mount.....	213.67	17.62
	13MOD-0053 For Surface Mount, Add	35.69	
	13MOD-0060 For > 50 To 100, Deduct	-10.71	
	13MOD-0061 For > 100, Deduct	-17.85	
13810-0022	EA 4", 24 VAC, Digital, Wired Self-Corrective Clock, Flush Mount.....	331.48	17.62
	13MOD-0053 For Surface Mount, Add	59.25	
	13MOD-0060 For > 50 To 100, Deduct	-17.78	
	13MOD-0061 For > 100, Deduct	-29.63	
13810-0023	120 VAC, Digital, Wired Self-Corrective Clocks <small>(13810-0019)</small>		
13810-0024	EA 2.5", 120 VAC, Digital, Wired Self-Corrective Clock, Flush Mount.....	213.67	17.62
	13MOD-0053 For Surface Mount, Add	35.69	
	13MOD-0060 For > 50 To 100, Deduct	-10.71	
	13MOD-0061 For > 100, Deduct	-17.85	
13810-0025	EA 4", 120 VAC, Digital, Wired Self-Corrective Clock, Flush Mount.....	331.48	17.62
	13MOD-0053 For Surface Mount, Add	59.25	
	13MOD-0060 For > 50 To 100, Deduct	-17.78	
	13MOD-0061 For > 100, Deduct	-29.63	
13810-0026	Replacement Modules For 24 VAC, Digital, Wired Self-Corrective Clocks <small>(13810-0019)</small>		
13810-0027	EA 2.5", Replacement Module For 24 VAC, Digital, Wired Self-Corrective Clocks	182.06	17.62
	13MOD-0060 For > 50 To 100, Deduct	-8.81	
	13MOD-0061 For > 100, Deduct	-14.68	
13810-0028	EA 4" Replacement Module For 24 VAC, Digital, Wired Self-Corrective Clocks	302.89	17.62
	13MOD-0060 For > 50 To 100, Deduct	-16.06	
	13MOD-0061 For > 100, Deduct	-26.77	
13810-0029	Replacement Modules For 120 VAC, Digital, Wired Self-Corrective Clocks <small>(13810-0019)</small>		
13810-0030	EA 2.5", Replacement Module For 120 VAC, Digital, Wired Self-Corrective Clocks	182.06	17.62
	13MOD-0060 For > 50 To 100, Deduct	-8.81	
	13MOD-0061 For > 100, Deduct	-14.68	
13810-0031	EA 4" Replacement Module For 120 VAC, Digital, Wired Self-Corrective Clocks	302.89	17.62
	13MOD-0060 For > 50 To 100, Deduct	-16.06	
	13MOD-0061 For > 100, Deduct	-26.77	
13810-0032	Accessories For Digital Wired Self-Corrective Clocks <small>(13810-0019)</small>		
13810-0033	EA Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks.....	196.07	8.80
13810-0034	EA 2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	45.34	8.80
13810-0035	EA 4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	63.53	8.80
13810-0036	EA Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	170.95	8.80
13810-0037	EA 4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	46.65	8.80
13810-0038	Wired Self-Corrective Master Clocks <small>(13810-0001)</small>		
13810-0039	Wired Self-Corrective Master Clocks <small>(13810-0038)</small>		
13810-0040	EA 24 VAC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	2,010.82	140.89
13810-0041	EA 120 VAC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	2,140.75	140.89
13810-0042	Accessories For Wired Self-Corrective Master Clocks <small>(13810-0038)</small>		
13810-0043	EA 5 Amp Power Transformer For 24 VAC, Wired Self-Corrective Clock Systems (Telecor 2405)	201.69	35.22
13810-0044	EA 10 Amp Power Transformer For 24 VAC, Wired Self-Corrective Clock Systems (Telecor 2406)	228.97	35.22
13810-0045	GPS Wireless Clock Systems <small>(13810)</small>		
13810-0046	Wireless Synchronized Clocks <small>(13810-0045)</small>		
13810-0047	Analog, Wireless Synchronized Clocks (Primex Traditional Series) <small>(13810-0046)</small>		
13810-0048	EA 12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock.....	168.28	17.62
	13MOD-0037 For > 100 To 249, Deduct	-29.22	
	13MOD-0043 For > 250, Deduct	-34.54	
13810-0049	EA 12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	317.04	17.62
	13MOD-0035 For > 100 To 249, Deduct	-20.77	
	13MOD-0036 For > 250, Deduct	-25.00	
13810-0050	EA 16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock.....	198.77	17.62
	13MOD-0037 For > 100 To 249, Deduct	-34.71	
	13MOD-0043 For > 250, Deduct	-41.25	
13810-0051	EA 12.5", Water Resistant, Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	228.34	17.62
	13MOD-0038 For > 100 To 249, Deduct	-20.72	
	13MOD-0044 For > 250, Deduct	-26.51	
13810-0052	EA 12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	198.77	17.62
	13MOD-0037 For > 100 To 249, Deduct	-34.71	
	13MOD-0043 For > 250, Deduct	-41.25	

13000 Special Construction
13800 Building Automation Systems
13810 Clock And Program Systems



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13810-0053 EA 12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock.....	381.72	17.62
13MOD-0035 For > 100 To 249, Deduct	-24.33	
13MOD-0036 For > 250, Deduct	-29.52	
13810-0054 EA 16", Electric, Single Sided, Analog, Wireless Synchronized Clock.....	222.79	17.62
13MOD-0051 For > 100 To 249, Deduct	-25.90	
13MOD-0052 For > 250, Deduct	-33.41	
13810-0055 Digital, Wireless Synchronized Clocks (Primex Digital Series) (13810-0046)		
13810-0056 4-Digit, Digital, Wireless Synchronized Clocks (13810-0055)		
13810-0057 EA 2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	317.04	17.62
13MOD-0033 For Green LED, Add	28.18	
13MOD-0038 For > 100 To 249, Deduct	-27.82	
13MOD-0045 For > 250, Deduct	-41.91	
13810-0058 EA 2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	554.51	17.62
13MOD-0033 For Green LED, Add	51.93	
13MOD-0040 For > 100 To 249, Deduct	-57.20	
13MOD-0046 For > 250, Deduct	-145.48	
13810-0059 EA 4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	366.01	17.62
13MOD-0033 For Green LED, Add	33.08	
13MOD-0042 For > 100 To 249, Deduct	-20.16	
13MOD-0050 For > 250, Deduct	-30.08	
13810-0060 EA 4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	712.51	17.62
13MOD-0033 For Green LED, Add	67.73	
13MOD-0038 For > 100 To 249, Deduct	-59.45	
13MOD-0046 For > 250, Deduct	-188.14	
13810-0061 6-Digit, Digital, Wireless Synchronized Clocks (13810-0055)		
13810-0062 EA 2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	401.12	17.62
13MOD-0033 For Green LED, Add	36.59	
13MOD-0035 For > 100 To 249, Deduct	-25.39	
13MOD-0047 For > 250, Deduct	-37.10	
13810-0063 EA 2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	771.65	17.62
13MOD-0033 For Green LED, Add	73.64	
13MOD-0041 For > 100 To 249, Deduct	-57.56	
13MOD-0048 For > 250, Deduct	-137.83	
13810-0064 EA 2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	445.48	17.62
13MOD-0033 For Green LED, Add	41.03	
13MOD-0039 For > 100 To 249, Deduct	-19.63	
13MOD-0049 For > 250, Deduct	-29.89	
13810-0065 EA 4", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	470.42	17.62
13MOD-0033 For Green LED, Add	43.52	
13MOD-0039 For > 100 To 249, Deduct	-20.50	
13MOD-0049 For > 250, Deduct	-31.38	
13810-0066 Wire Guards For Wireless Synchronized Clocks (13810-0046)		
13810-0067 EA 14" x 14" Analog Clock Wire Guard For 12.5" Wireless Synchronized Clocks.....	72.14	8.80
13810-0068 EA 18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks.....	86.92	8.80
13810-0069 EA Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks.....	72.14	8.80
13810-0070 EA Digital Clock Wire Guard For 4" Wireless Synchronized Clocks.....	86.92	8.80
13810-0071 Wireless Synchronized Clock Transmitters (13810-0045)		
13810-0072 Wireless Synchronized Clock Transmitters (13810-0071)		
Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
13810-0073 EA Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000).....	2,226.25	52.84
13MOD-0034 For Roof Mounted GPS Receiver, Add	317.45	
13810-0074 EA External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E).....	4,302.48	52.84
Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
13MOD-0034 For Roof Mounted GPS Receiver, Add	525.07	
13810-0075 EA Repeater, Satellite Transmitter (Primex 14006).....	2,191.03	35.22
Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
13810-0076 Accessories For Wireless Synchronized Clock Transmitters (13810-0071)		
13810-0077 EA External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters.....	112.25	14.09
13810-0078 EA Transmitter Rack For Wireless Synchronized Clock Transmitters.....	74.37	14.09
13810-0079 EA Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters.....	105.92	7.05
13810-0080 EA 50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	94.36	17.62
13810-0081 EA 100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	132.30	26.42
13810-0082 EA 200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	194.03	35.22
13810-0083 Other Clock And Program Systems (13810)		
13810-0084 EA 4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	941.38	70.45
13810-0085 EA 8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	1,158.17	140.89



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13810-0086	EA	Program Bell (Lathem 906-6).....	147.53	35.22
13810-0087	EA	Combination Clock And Speaker.....	337.83	88.06
13810-0088		Vindicator Security Alarm System (13810)		
13810-0089	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00.....	854.68	146.88
13810-0090	EA	Detector, Passive Inferred (Security) Vindicator #316-30812-00.....	1,078.91	190.91
13810-0091	EA	Premise Control Unit (Security) Vindicator #548-32004-01.....	5,543.40	418.45
13810-0092	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01.....	2,610.59	356.60
13810-0093	EA	ALS Duress Switch (Security) Vindicator #192-30810-00.....	702.72	195.06
13850		Detection And Alarm (13000)		
		Note: Includes terminations for equipment and devices. Excludes wiring.		
13852		Fire Alarm And Detection (13850)		
		Note: Includes testing of new devices and certification. Includes programming of equipment.		
13852-0001		EST3 Life Safety And Security Control (13810)		
13852-0002		EST3 Network (13852-0001)		
13852-0003		Remote Annunciators (13852-0002)		
13852-0004	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN).....	767.90	52.94
		Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
13852-0005	EA	Six Position Base Annunciator (EST3 3-6ANN).....	629.41	52.94
		Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
13852-0006	EA	Ten Position Base Annunciator (EST3 3-10ANN).....	790.89	52.94
		Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
13852-0007	EA	Annunciator CPU (EST3 3-ANNCPU3).....	511.19	52.94
		Note: One Required per graphic annunciator.		
13852-0008	EA	Annunciator Support Module (EST3 3-ANNSM).....	96.97	17.65
		Note: Takes one space in Annunciator box. Supports one Control/Display module.		
13852-0009	EA	Liquid Crystal Display Module (EST3 3-LCD).....	335.62	52.94
		Note: Mounts to 3-CPU(1).		
13852-0010	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA).....	376.11	52.94
		Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.		
13852-0011	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA).....	428.63	35.29
		Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.		
13852-0012	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX).....	69.48	17.65
		Note: Mounts up to three 3-EVDVRA modules.		
13852-0013		Remote Annunciators Cabinets (13852-0002)		
13852-0014	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B).....	74.39	17.65
13852-0015	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S).....	67.33	14.11
13852-0016	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B).....	83.07	17.65
13852-0017	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S).....	76.01	14.11
13852-0018	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B).....	91.21	17.65
13852-0019	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S).....	84.15	14.11
13852-0020		Audio And Telephone Masters (13852-0002)		
13852-0021	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT).....	2,464.99	70.58
13852-0022	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4).....	1,384.18	70.58
13852-0023	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU).....	1,296.36	70.58
13852-0024	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU).....	1,309.86	70.58
13852-0025	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100).....	1,492.22	70.58
13852-0026		Keypad/Display (13852-0002)		
13852-0027	EA	KeyPad And Display (EST3 KPDISP).....	578.51	26.47
13852-0028		Card Reader Controller (13852-0002)		
13852-0029	EA	Card Reader Controller With Memory For 8,000 Cardholders (EST3 CRC).....	469.94	26.47
13852-0030	EA	Card Reader Controller With Memory For 36,000 Cardholders (EST3 CRCXM).....	619.44	26.47
13852-0031	EA	CRC Sounder Module (EST3 CRCSND).....	60.10	17.65
13852-0032	EA	12V @ 1.2AH Standby Battery (EST3 12V1A2).....	62.15	17.65
13852-0033	EA	Class 2, 16 Vac Plug In Transformer (EST3 CRCXF).....	59.34	17.65
13852-0034	EA	Access Control DataBase Software - Eight Doors (EST3 ACDB8).....	452.29	
13852-0035	EA	Access Control DataBase Software - Over Eight Doors (EST3 ACDB8+).....	1,285.52	
13852-0036	EA	Access Control DataBase Server Application Software (EST3 ACDB-SVR).....	3,193.62	
13852-0037	EA	Access Control DataBase Client Application Software (EST3 ACDB-CLNT).....	469.49	
13852-0038		Proximity Card Readers (13852-0002)		

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0039 EA Standard Proximity Card Reader, Charcoal Gray (EST3 CR-5355).....	399.98	70.58
13852-0040 EA HID Brand Proximity Card Reader With Keypad, Charcoal Gray (EST3 5355AGK0009).....	630.21	70.58
13852-0041 Proximity Access Cards <small>(13852-0002)</small>		
13852-0042 EA Molded Proximity Card With EST Logo - Contains 100 Cards (EST3 PC-1326).....	298.80	
13852-0043 EA ISO Format Proximity Card With EST Logo - Contains 200 Cards (EST3 PC-1386).....	1,190.60	
13852-0044 EA ISO Format Proximity Card With No Logo - Contains 200 Cards (EST3 PC-1386B).....	1,190.60	
13852-0045 EA Molded Proximity Construction Card With EST Logo - Contains 100 Cards (EST3 EST-PC).....	298.80	
13852-0046 Battery Distribution Unit <small>(13852-0002)</small>		
13852-0047 EA Battery Distribution Unit (EST3 3-BTSEN).....	295.20	224.61
13852-0048 Remote Booster Power Supply <small>(13852-0002)</small>		
13852-0049 EA 6.5 Amp, 120V Booster Power Supply (EST3 BPS6).....	443.67	52.94
13852-0050 EA 10 Amp, 110V Booster Power Supply (EST3 BPS10).....	503.78	52.94
13852-0051 EA 10 Amp, 220V Booster Power Supply (EST3 BPS10220).....	548.06	52.94
13852-0052 EA Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP).....	75.85	17.65
13852-0053 Batteries And Battery Cabinets <small>(13852-0002)</small>		
13852-0054 EA 1.2Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V1A2 (1.2 Ah)).....	59.34	17.65
13852-0055 EA 4Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V4A (4.5 Ah)).....	72.40	17.65
13852-0056 EA 24Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V24A (26 Ah)).....	162.48	17.65
13852-0057 EA 6.5Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V6A5 (7.2 Ah)).....	77.63	17.65
13852-0058 EA 40Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V40A (40 Ah)).....	204.30	17.65
13852-0059 EA 10Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V10A (11 Ah)).....	117.73	17.65
13852-0060 EA 50Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V50A (50 Ah)).....	408.05	17.65
13852-0061 EA 17Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V17A (18 Ah)).....	120.43	17.65
13852-0062 EA 65Ah Sealed Lead Acid Battery - 12 Vdc (EST3 12V65A (65 Ah)).....	489.98	17.65
13852-0063 EA 8.0Ah Sealed Lead Acid Battery - 6 Vdc (EST3 6V8A (8 Ah)).....	69.85	17.65
13852-0064 EA 10Ah Sealed Lead Acid Battery - 6 Vdc (EST3 6V10A (12 Ah)).....	63.33	17.65
13852-0065 EA Battery Cabinet, 14.0" x 18.25" x 7.25" Free Standing Cabinet With Key Lock (EST3 BC-1)..... Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	286.84	70.58
13852-0066 EA Battery Cabinet, Gray 22" X 15" X 3.75" (EST3 BC-2)..... Note: Holds up to two 12V17A batteries.	251.68	70.58
13852-0067 EA Remote Closet Enclosure (EST3 3-RCC7R).....	600.58	70.58
13852-0068 EA Remote Closet Enclosure (EST3 3-RCC14R).....	739.03	70.58
13852-0069 EA Remote Closet Enclosure (EST3 3-RCC21R).....	1,026.13	70.58
13852-0070 Serial Printer <small>(13852-0002)</small>		
13852-0071 EA System Printer - Desk Top Style (EST3 PT-1S).....	785.88	17.65
13852-0072 Intelligent Analog Initiating Devices <small>(13852-0001)</small>		
13852-0073 Detectors, Signature <small>(13852-0072)</small>		
13852-0074 EA Intelligent 4D Multisensor Detector - Ionization, Photoelectric, Heat (EST3 SIGA-IPHS).....	131.70	26.47
13852-0075 EA Intelligent 4D Multisensor Detector, Black - Ionization, Photoelectric, Heat (EST3 SIGA-IPHSB).....	146.90	26.47
13852-0076 EA Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA-PHS).....	127.17	26.47
13852-0077 EA Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS).....	113.58	26.47
13852-0078 EA Intelligent Ionization Smoke Detector (EST3 SIGA-IS).....	118.11	26.47
13852-0079 EA Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA-HRS).....	98.44	26.47
13852-0080 EA Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA-HFS).....	98.44	26.47
13852-0081 EA Passive Infrared Motion Detector (EST3 SIGA-MD).....	150.94	26.47
13852-0082 EA Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS).....	165.77	26.47
13852-0083 Detectors, Duct Housings and Accessories, Signature <small>(13852-0072)</small>		
13852-0084 EA Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD).....	263.21	44.11
13852-0085 EA Superduct, Test Magnet Kit (EST3 SD-MAG).....	12.56	
13852-0086 EA Superduct, 120" Air Sample Tube (EST3 SD-T120).....	25.66	5.29
13852-0087 EA Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK).....	69.63	14.11
13852-0088 EA Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS).....	92.61	14.11
13852-0089 Detectors, Smoke, Beam <small>(13852-0072)</small>		
13852-0090 EA Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A).....	88.29	
13852-0091 EA Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01).....	1,034.13	26.47
13852-0092 EA Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00).....	64.30	8.82
13852-0093 EA Replacement Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01).....	75.93	8.82
13852-0094 EA 160 - 330' Reflective Beam Detector (EST3 EC-100R).....	1,062.87	26.47
13852-0095 EA 15 - 160' Reflective Beam Detector (EST3 EC-50R).....	907.50	26.47



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0096 EA Remote Test Station, For EC-50R/100R Reflective Beam Detectors (EST3 EC-LLT)	211.91	8.82
13852-0097 Modules, Signature <small>(13852-0072)</small>		
13852-0098 EA Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	121.60	17.65
13852-0099 EA Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	81.50	17.65
13852-0100 EA Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	114.05	17.65
13852-0101 EA Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2).....	109.48	17.65
13852-0102 EA Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	103.49	17.65
13852-0103 EA Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	123.17	17.65
13852-0104 EA Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR).....	98.90	17.65
Note: Select for either N.O. or N.C. operation. Rated at 2 amps (24Vdc).		
13852-0105 EA Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	95.93	17.65
13852-0106 EA Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	126.21	17.65
13852-0107 EA Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	123.17	17.65
13852-0108 EA Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	118.64	17.65
13852-0109 EA Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	109.25	91.61
13852-0110 EA Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1)	81.50	17.65
Note: Factory programmed for non-latching monitor operation.		
13852-0111 Module Accessories, Signature <small>(13852-0072)</small>		
Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 & 2-gang modules.		
13852-0112 EA Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	32.86	8.82
13852-0113 EA Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6).....	108.02	17.65
13852-0114 EA Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, - UM And -MAB Modules (EST3 235196P)	12.85	5.29
13852-0115 EA Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1- Gang Signature Modules (EST3 SIGA-MP1).....	38.10	8.82
13852-0116 EA Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1- Gang Signature Modules (EST3 SIGA-MP2).....	34.34	8.82
13852-0117 EA Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	35.83	8.82
13852-0118 Single Action Pull Stations, Signature <small>(13852-0072)</small>		
13852-0119 EA One Stage Fire Alarm Station, English Markings (EST3 SIGA-270).....	138.78	36.71
13852-0120 EA Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P).....	161.50	36.71
13852-0121 EA GA Key - For Pre Signal Station (EST3 276-K2)	18.60	15.07
13852-0122 EA 20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	22.97	19.44
13852-0123 EA Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	38.04	23.92
13852-0124 Double Action Pull Stations, Signature <small>(13852-0072)</small>		
13852-0125 EA Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	143.31	36.71
13852-0126 EA 12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	23.30	3.53
13852-0127 Detector Bases and Accessories, Signature <small>(13852-0072)</small>		
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with - PS, and -PHS detectors and -SB, -RB and -IB bases.		
13852-0128 EA Audible (Sounder) Base (EST3 SIGA-AB4G)	66.47	8.82
13852-0129 EA Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	26.78	8.82
13852-0130 EA Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4).....	82.23	8.82
13852-0131 EA Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG).....	48.00	8.82
13852-0132 EA Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	55.57	8.82
13852-0133 EA Detector Mounting Plate (EST3 SIGA-DMP)	85.85	77.02
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
13852-0134 EA Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	32.86	8.82
13852-0135 EA Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	12.92	5.29
13852-0136 EA Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	12.92	5.29
13852-0137 EA Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	33.37	5.29
13852-0138 EA Detector Base With Isolator (EST3 SIGA-IB).....	54.80	8.82
13852-0139 EA Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4).....	58.05	8.82
13852-0140 EA Detector Base With Form 'C' Relay (EST3 SIGA-RB)	49.14	8.82
13852-0141 EA Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	49.14	8.82
13852-0142 EA Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	27.91	8.82
13852-0143 Notification Appliances <small>(13852-0001)</small>		
13852-0144 Wall Strobes, Horns And Chimes <small>(13852-0143)</small>		
13852-0145 EA Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM).....	85.32	26.47

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0146 EA Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM).....	85.32	26.47
13852-0147 EA Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM).....	95.86	26.47
13852-0148 EA Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD).....	73.43	26.47
13852-0149 EA Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD).....	73.43	26.47
13852-0150 EA Temporal Horn, Hi/Lo dB Output, 24V, White, With The Word "FIRE" On Housing (EST3 G1F-HD).....	73.43	26.47
13852-0151 EA Temporal Horn, Hi/Lo dB Output, 24V, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD).....	73.43	26.47
13852-0152 EA Horn (Steady Tone), 24V, White, Not Compatible With Signal Master (EST3 G1-P).....	63.45	26.47
13852-0153 EA Horn (Steady Tone) - 24V, Red, Not Compatible With Signal Master (EST3 G1R-P).....	63.45	26.47
13852-0154 EA Horn (Steady Tone), 24V, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P).....	63.45	26.47
13852-0155 EA Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM).....	138.90	26.47
13852-0156 EA Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM).....	138.90	26.47
13852-0157 EA Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C).....	94.58	26.47
13852-0158 EA Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C).....	94.58	26.47
13852-0159 EA Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575).....	85.32	26.47
13852-0160 EA Multi-cd Strobe, 24V, White, With The Word "FIRE" On Housing (EST3 G1F-VM).....	85.32	26.47
13852-0161 EA Multi-cd Strobe, 24V, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM).....	85.32	26.47
13852-0162 EA Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575).....	85.32	26.47
13852-0163 EA Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM).....	88.28	26.47
13852-0164 EA Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM).....	88.28	26.47
13852-0165 EA Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH).....	95.21	26.47
13852-0166 EA Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM).....	88.28	26.47
13852-0167 EA Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH).....	88.28	26.47
13852-0168 EA Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE).....	56.96	26.47
13852-0169 EA Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE).....	56.96	26.47
13852-0170 Wall Speakers And Speaker Strobes (13852-0143)		
13852-0171 EA Multi-Wattage 25 Volt Speaker (EST3 G4-S2).....	72.54	26.47
13852-0172 EA Multi-Candela/Wattage 25 Volt Speaker-Strobe (EST3 G4-S2VM).....	105.98	26.47
13852-0173 EA Multi-Wattage 70 Volt Speaker (EST3 G4-S7).....	72.54	26.47
13852-0174 EA Multi-Candela/Wattage 70 Volt Speaker-Strobe (EST3 G4-S7VM).....	105.98	26.47
13852-0175 EA Surface Box, White, For Genesis Speaker (EST3 G4B).....	36.38	14.11
13852-0176 EA Surface Box, Red, For Genesis Speaker (EST3 G4RB).....	36.38	14.11
13852-0177 Ceiling Speakers And Speaker Strobes (13852-0143)		
13852-0178 EA Genesis Ceiling Speaker, 70V, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7).....	84.67	26.47
13852-0179 EA Genesis Ceiling Speaker/Strobe, 70V, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM).....	105.98	26.47
13852-0180 EA Genesis Ceiling Speaker/Strobe, 70V, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH).....	112.73	26.47
13852-0181 Harsh Environment Signals (13852-0143)		
13852-0182 EA Temporal Horn, Self-Synchronized, 24 Vdc (EST3 757-1A-T).....	76.37	26.47
13852-0183 EA 15/75 cd Temporal Horn/Strobe, 24 Vdc, (EST3 757-7A-T).....	102.99	26.47
13852-0184 EA 110 cd Temporal Horn/Strobe, 24 Vdc, (EST3 757-8A-T).....	102.99	26.47
13852-0185 EA Strobe - 15cd Synchronized, 24 Vdc (EST3 405-5A-T).....	95.07	26.47
13852-0186 EA Strobe - 15/75cd Synchronized, 24 Vdc (EST3 405-7A-T).....	89.81	26.47
13852-0187 EA Strobe - 30cd Synchronized, 24 Vdc (EST3 405-3A-T).....	95.07	26.47
13852-0188 EA Strobe - 60cd Synchronized, 24 Vdc (EST3 405-6A-T).....	95.07	26.47
13852-0189 EA Strobe - 110cd Synchronized, 24 Vdc (EST3 405-8A-T).....	95.07	26.47
13852-0190 EA 15/75 cd Synchronized Strobe, 24 Vdc, Red - Outdoor Listed (EST3 CS405-7A-T).....	98.34	26.47
13852-0191 EA 110 cd Synchronized Strobe, 24 Vdc, Red - Outdoor Listed (EST3 CS405-8A-T).....	98.34	26.47
13852-0192 Fire Alarm Bells (13852-0143)		
13852-0193 EA 10" Single Stroke Fire Alarm Bells, 24 Vdc (EST3 323D-10AW).....	110.37	26.47
13852-0194 EA 6" Vibrating Fire Alarm Bells, 24 Vdc (EST3 439D-6AW).....	90.49	26.47
13852-0195 EA 10" Vibrating Fire Alarm Bells, 24 Vdc (EST3 439D-10AW).....	98.97	26.47
13852-0196 Multiple Tone Signal (13852-0143)		
13852-0197 EA 27 Tone Selectable Signal, 24Vdc (EST3 5530MD-24AW).....	649.45	622.98
13852-0198 Multi-Purpose Loudspeaker (13852-0143)		
13852-0199 EA 15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	142.08	26.47
13852-0200 EA 15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	142.08	26.47
13852-0201 Bell/Strobe Plate (13852-0143)		
13852-0202 EA Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	72.16	14.11
13852-0203 Mounting Accessories (13852-0143)		
13852-0204 EA Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11).....	36.99	14.11
13852-0205 EA One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	36.99	14.11
13852-0206 EA Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	36.99	14.11
13852-0207 EA Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21).....	36.99	14.11



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	13852-0208	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	36.99	14.11
13852-0209			Firefighters' Telephones <small>(13852-0143)</small>		
	13852-0210	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	589.99	44.11
	13852-0211	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	339.11	44.11
	13852-0212	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	248.77	44.11
	13852-0213	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1).....	185.79	44.11
	13852-0214	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	327.87	44.11
	13852-0215	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A).....	208.27	44.11
	13852-0216	EA	Remote Telephone Handset Station - 4-State, Red, 'PushTo Talk' Button, 5' Coiled Cord (EST3 6830-5A-4).....	367.68	44.11
	13852-0217	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A).....	215.76	44.11
	13852-0218	EA	Remote Telephone Handset Station - 4-State, Red, 'PushTo Talk' Button, 5' Armored Cable (EST3 6830-6A-4).....	418.67	44.11
	13852-0219	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	49.25	14.11
	13852-0220	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	55.78	14.11
	13852-0221	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3).....	71.94	
	13852-0222	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	71.94	
	13852-0223	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	113.56	17.65
	13852-0224	EA	Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2).....	139.52	17.65
	13852-0225	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3).....	100.58	17.65
	13852-0226	EA	Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4).....	96.76	17.65
	13852-0227	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	76.66	26.47
	13852-0228	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	605.11	35.29
13852-0229			Mass Notification EC Appliances <small>(13852-0143)</small>		
	13852-0230	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA).....	88.30	26.47
	13852-0231	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC).....	85.61	26.47
	13852-0232	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	88.30	26.47
	13852-0233	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	85.61	26.47
	13852-0234	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	13.81	5.29
13852-0235			Hazardous Location Devices <small>(13852-0001)</small>		
13852-0236			Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location <small>(13852-0235)</small>		
	13852-0237	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135).....	79.71	26.47
	13852-0238	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194).....	79.71	26.47
	13852-0239	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135).....	81.95	26.47
	13852-0240	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194).....	81.95	26.47
	13852-0241	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135).....	108.73	26.47
	13852-0242	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194).....	108.73	26.47
	13852-0243	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135).....	81.95	26.47
	13852-0244	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194).....	81.95	26.47
13852-0245			Hazardous Locations Fire Alarm Station <small>(13852-0235)</small>		
	13852-0246	EA	Hazardous Location Fire Alarm Station (EST3 XAL53).....	624.00	44.11
	13852-0247	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE).....	594.89	44.11
13852-0248			Hazardous Location Strobes <small>(13852-0235)</small>		
	13852-0249	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ).....	911.92	26.47
	13852-0250	EA	Wall Bracket Mounting Elbow (EST3 116EX-B).....	171.74	8.82
	13852-0251	EA	Ceiling / Wall Mounting Module (EST3 116EX-C).....	224.30	10.59
	13852-0252	EA	Pendant Mounting Module (EST3 116EX-P).....	165.72	10.59
13852-0253			Hazardous Location Bells <small>(13852-0235)</small>		
	13852-0254	EA	6" Hazardous Location Bells, 24 Vdc (EST3 439DEX-6AW).....	660.99	26.47
	13852-0255	EA	8" Hazardous Location Bells, 24 Vdc (EST3 439DEX-8AW).....	677.84	26.47
	13852-0256	EA	10" Hazardous Location Bells, 24 Vdc (EST3 439DEX-10AW).....	683.91	26.47
13852-0257			Hazardous Location Horns <small>(13852-0235)</small>		
	13852-0258	EA	Hazardous Location Horns (EST3 888D-N5).....	646.47	26.47
	13852-0259	EA	Explosionproof Horn, Diode Polarized, 24 Vdc (EST3 889D-AW).....	529.86	26.47
13852-0260			Door Holders And Relays <small>(13852-0001)</small>		

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0261 Electromagnetic Door Holders <small>(13852-0260)</small>		
13852-0262 EA Door Holder, Single, Floor Mount - 24Vac/24Vdc/120Vac (EST3 1501-AQN5).....	124.26	26.47
13852-0263 EA Door Holder, Double, Floor Mount - 24 Vac / 24 Vdc / 120 Vac (EST3 1502-AQN5).....	158.08	26.47
13852-0264 EA Door Holder, Flush, Wall Mount - 24Vac/24Vdc/120Vac (EST3 1504-AQN5).....	106.99	26.47
13852-0265 EA Door Holder, Flush, Wall Mount, Short Catch Plate - 24 Vac / 24 Vdc / 120 Vac (EST3 1505-AQN5).....	106.99	26.47
13852-0266 EA Door Holder, Surface, Wall Mount - 24Vac/24Vdc/120Vac (EST3 1508-AQN5).....	108.55	26.47
13852-0267 EA Door Holder, Completely Flush, Wall Mount - 24Vac/24Vdc/120Vac (EST3 1509-AQN5).....	110.04	26.47
13852-0268 Control Relays, Multi-Voltage <small>(13852-0260)</small>		
13852-0269 EA Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1).....	25.10	5.29
13852-0270 FireShield Plus <small>(13852-0001)</small>		
13852-0271 3 Zone System <small>(13852-0270)</small>		
13852-0272 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP302R).....	699.76	211.75
13852-0273 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP302RD).....	1,009.38	282.33
13852-0274 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP302G).....	699.76	211.75
13852-0275 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP302GD).....	1,009.38	282.33
13852-0276 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	46.79	8.82
13852-0277 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	46.79	8.82
13852-0278 5 Zone System <small>(13852-0270)</small>		
13852-0279 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP502R).....	746.93	211.75
13852-0280 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP502RD).....	1,053.85	282.33
13852-0281 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries (EST3 FSP502G).....	746.93	211.75
13852-0282 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 10Ah Batteries, With Upload/Download DACT (EST3 FSP502GD).....	1,053.85	282.33
13852-0283 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	46.79	8.82
13852-0284 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	46.79	8.82
13852-0285 10 Zone System <small>(13852-0270)</small>		
13852-0286 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 17Ah Batteries (EST3 FSP1004R).....	1,070.02	282.33
13852-0287 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Red Enclosure, 120V, Capacity For (2) 17Ah Batteries, With Upload/Download DACT (EST3 FSP1004RD).....	1,379.64	352.91
13852-0288 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 17Ah Batteries (EST3 FSP1004G).....	1,049.80	282.33
13852-0289 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5A NAC Power, Gray Enclosure, 120V, Capacity For (2) 17Ah Batteries, With Upload/Download DACT (EST3 FSP1004GD).....	1,379.64	352.91
13852-0290 EA Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G).....	54.09	8.82
13852-0291 EA NAC Power Expansion Transformer, 120V, Increases 10 Zone FACP NAC (EST3 F-XTR120).....	99.46	17.65
13852-0292 FireShield Plus Off Premise Communication Options <small>(13852-0270)</small>		
13852-0293 EA F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT).....	210.48	17.65
13852-0294 FireShield Plus Remote LED Annunciators <small>(13852-0270)</small>		
13852-0295 EA Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI).....	96.67	26.47
13852-0296 EA Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A).....	96.67	26.47
13852-0297 EA Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA).....	100.11	26.47
13852-0298 EA Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2).....	19.35	5.29
13852-0299 EA Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3).....	23.75	5.29
13852-0300 EA Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4).....	34.32	5.29
13852-0301 FireShield Plus Remote 10 Zone LED Annunciators <small>(13852-0270)</small>		
13852-0302 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10).....	282.04	26.47
13852-0303 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C).....	308.99	26.47
13852-0304 EA Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Gray (EST3 RA-ENC1).....	102.67	17.65
13852-0305 FireShield Plus Remote Relays And Interfaces <small>(13852-0270)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0306	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24).....	108.17	17.65
13852-0307	EA	11" Snap Track Holds 2-4 RRM's, Used To Mount FSRRM's In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11).....	46.01	10.59
13852-0308	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM).....	168.70	17.65
13852-0309		FireShield Plus Accessories (13852-0270)		
13852-0310	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1).....	10.44	
13852-0311	EA	4.7k UL End Of Line Resistor With FireShield Panels (EST3 EOL47PK7).....	6.75	
13852-0312		iO Series Fire Control Panels (13852-0001)		
13852-0313		Intelligent Analog Control Panels (13852-0312)		
13852-0314	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G).....	2,123.21	352.91
13852-0315	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 18a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD).....	2,253.93	352.91
13852-0316	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 10a/h Batteries, English (EST3 iO64G).....	1,695.33	282.33
13852-0317	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25A Power Supply, Gray Door, 115Vac, Capacity For Up (2) 10a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD).....	1,755.98	282.33
13852-0318		Option Modules And Accessories For iO Series (13852-0312)		
13852-0319	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1).....	187.70	26.47
13852-0320	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2).....	120.32	26.47
13852-0321	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232).....	120.32	26.47
13852-0322	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA).....	102.67	17.65
13852-0323	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT).....	203.42	14.11
13852-0324	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH).....	365.14	14.11
13852-0325	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1).....	45.95	8.82
13852-0326	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2).....	52.69	8.82
13852-0327	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250).....	677.01	35.29
13852-0328		Remote Annunciators For iO Series (13852-0312)		
13852-0329	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD).....	373.00	26.47
13852-0330	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C).....	389.85	26.47
13852-0331		Remote Annunciator Accessories (13852-0312)		
13852-0332	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073).....	44.60	8.82
13852-0333	EA	12 Expander Cable (Cable Only) (EST3 7120313-01).....	31.13	8.82
13852-0334	EA	24 Expander Cable (Cable Only) (EST3 7120313-02).....	41.23	8.82
13852-0335	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Beige (EST3 RA-ENC1).....	120.32	26.47
13852-0336	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Beige (EST3 RA-ENC2).....	137.16	26.47
13852-0337	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglass Window, Beige (EST3 RA-ENC3).....	154.01	26.47
13852-0338	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC).....	31.13	8.82
13852-0339	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC).....	31.13	8.82
13852-0340	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY).....	60.57	8.82
13852-0341		System Accessories (13852-0312)		
13852-0342	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Ah Batteries, Will Hold Up To Two 12V 24A Batteries (EST3 BC-1).....	286.84	70.58
13852-0343	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A).....	1,024.47	282.33
13852-0344		Conventional Initiating Devices (13852-0001)		
13852-0345		Detectors, Heat, Double Pole (13852-0344)		
Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.				
13852-0346	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2).....	89.25	26.47
13852-0347	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2).....	89.25	26.47
13852-0348	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2).....	89.25	26.47
13852-0349	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2).....	89.25	26.47

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0350 Detectors, Rate Compensation Heat, Accessories (13852-0344)		
13852-0351 EA Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P).....	58.03	26.47
13852-0352 EA Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11).....	138.38	14.11
13852-0353 EA 4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27).....	48.42	17.65
13852-0354 Audio Notification Systems (Standalone Voice Evacuation) (13852-0001)		
13852-0355 Audio Notification Panels (13852-0354)		
13852-0356 EA Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG).....	2,707.05	352.91
13852-0357 EA Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR).....	2,707.05	352.91
13852-0358 EA Audio Notification Panel, 25W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG).....	2,053.45	352.91
13852-0359 EA Audio Notification Panel, 25W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR).....	2,053.45	352.91
13852-0360 EA Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG).....	2,376.89	352.91
13852-0361 EA Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR).....	2,376.89	352.91
13852-0362 Audio Notification Expander Panels (13852-0354)		
13852-0363 EA Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG).....	2,107.36	352.91
13852-0364 EA Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR).....	2,107.36	352.91
13852-0365 EA Audio Expander Panel, 25W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG).....	1,473.98	352.91
13852-0366 EA Audio Expander Panel, 25W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR).....	1,473.98	352.91
13852-0367 EA Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG).....	1,844.57	352.91
13852-0368 EA Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR).....	1,844.57	352.91
13852-0369 Audio Notification Output Accessories (13852-0354)		
13852-0370 EA Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B).....	78.29	8.82
13852-0371 EA Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A).....	338.51	17.65
13852-0372 EA Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B).....	338.51	17.65
13852-0373 EA Class A Converter (GE ANSZSC4A).....	244.17	17.65
13852-0374 Audio Notification Remote Microphone (13852-0354)		
13852-0375 EA Microphone (GE ANSMIKE).....	95.93	17.65
13852-0376 EA Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG).....	372.20	17.65
13852-0377 EA Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR).....	372.20	17.65
13852-0378 EA Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP).....	85.03	8.82
13852-0379 EA Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR).....	47.97	8.82
13852-0380 Audio Notification Accessories (13852-0354)		
13852-0381 EA Audio Matching - Line Input/Output Card (GE ANSAUX).....	156.58	17.65
13852-0382 EA Class B Backup Amplifier Switching Module (GE ANSBKUP).....	156.58	17.65
13852-0383 EA Class A Backup Amplifier Switching Module (GE ANSBKUPA).....	156.58	17.65
13852-0384 EA Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8).....	338.51	17.65
13852-0385 Audio Notification Modules, Without Cabinet And Transformer (13852-0354)		
13852-0386 EA 100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A).....	1,222.80	35.29
Note: Excludes cabinet.		
13852-0387 EA 100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM).....	1,283.44	35.29
Note: Excludes cabinet.		
13852-0388 EA 100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD).....	1,768.59	35.29
Note: Excludes cabinet.		
13852-0389 EA 25W Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A).....	677.01	35.29
Note: Excludes cabinet.		
13852-0390 EA 25W Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM).....	677.01	35.29
Note: Excludes cabinet.		
13852-0391 EA 25W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD).....	1,222.80	35.29



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0392	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	980.23	35.29
13852-0393	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	1,040.87	35.29
13852-0394	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	1,526.02	35.29
13852-0395	EA	Power Transformer, Open Frame, 28Vac @ 180 VA (EVAX 50/100) (GE ANST28180).....	78.29	8.82
13852-0396	EA	Power Transformer, Open Frame, 28Vac @ 100 VA (EVAX 25) (GE ANST2885).....	58.78	8.82
13852-0397		Gamewell-FCI Fire Control Instruments (13852)		
13852-0398		7100 Series And NetSOLO® (13852-0397)		
13852-0399		7100 Compact Analog Addressable Fire Alarm Control Panels (13852-0398)		
13852-0400	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M).....	606.81	211.34
13852-0401	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2).....	2,537.91	352.23
13852-0402	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D).....	2,752.23	352.23
13852-0403	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Vac (Gamewell-FCI BK-7100-2-E).....	2,537.91	352.23
13852-0404	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Vac (Gamewell-FCI BK-7100-2D-E).....	2,752.23	352.23
13852-0405	EA	Replacement Board For 7100-1D (Gamewell-FCI BSM-7100-1).....	730.79	35.22
13852-0406	EA	Replacement Board For 7100-2 (Gamewell-FCI BSM-7100-1D).....	874.17	35.22
13852-0407	EA	Analog Loop Unit (Gamewell-FCI ALU).....	874.17	35.22
13852-0408		NetSOLO® Intelligent Network (13852-0398)		
13852-0409	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	968.51	35.22
13852-0410	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	771.54	35.22
13852-0411		Components And Accessories (13852-0398)		
13852-0412	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	479.98	26.42
13852-0413	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM- 7100).....	369.30	35.22
13852-0414	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1).....	668.90	35.22
13852-0415	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	275.72	35.22
13852-0416	EA	Replacement Enclosure Box (Gamewell-FCI EN-7100).....	236.73	70.45
13852-0417	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	693.29	17.62
13852-0418		Addressable Devices, Module, Pulls And Accessories (13852-0397)		
13852-0419		Velociti® Series Sensors And Bases (13852-0418)		
13852-0420	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	114.72	26.42
13852-0421	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	116.99	26.42
13852-0422	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	123.78	26.42
13852-0423	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	96.61	26.42
13852-0424	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	100.38	26.42
13852-0425	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	96.61	26.42
13852-0426	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	139.63	26.42
13852-0427	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	298.11	26.42
13852-0428	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	257.86	44.03
13852-0429	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	288.05	44.03
13852-0430	EA	Replacement Duct Detector Board (Gamewell-FCI ADP-F-SB).....	146.17	44.03
13852-0431	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	29.69	8.80
13852-0432	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	320.75	26.42
13852-0433	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF).....	64.79	8.80
13852-0434	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	1,124.47	52.84
13852-0435		Velociti® Series Modules And Pull Station (13852-0418)		
13852-0436	EA	Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F).....	83.14	17.62
13852-0437	EA	Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF).....	131.06	17.62
13852-0438	EA	Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F).....	90.69	17.62
13852-0439	EA	Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF).....	125.78	17.62
13852-0440	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	105.78	17.62
13852-0441	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF).....	109.56	17.62
13852-0442	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF).....	156.11	35.22
13852-0443	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF).....	148.18	35.22
13852-0444	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	18.37	3.52
13852-0445		Components And Accessories (13852-0418)		
13852-0446	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	47.04	14.09
13852-0447	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5).....	44.65	17.62
13852-0448	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3).....	46.16	17.62

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0449	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	47.67	17.62
13852-0450	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	61.63	17.62
13852-0451	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451).....	70.43	14.09
		Note: Mounts on single gang box.		
13852-0452		Fixed And Rate of Rise Heat Detectors (13852-0418)		
13852-0453	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	65.67	26.42
13852-0454	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	65.67	26.42
13852-0455	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603).....	65.67	26.42
13852-0456	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604).....	65.67	26.42
13852-0457		NAC Expander/Power Supply (13852-0418)		
13852-0458	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Vdc, 8A, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	1,106.92	281.78
13852-0459	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	963.54	281.78
13852-0460	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,035.23	281.78
13852-0461		Batteries And Accessories (13852-0397)		
13852-0462	EA	B-17R, 12 Volt, 17AH Sealed Lead Acid Battery (Gamewell-FCI 100-2010A).....	165.02	17.62
13852-0463	EA	B-55R, 12 Volt, 55AH Sealed Lead Acid Battery (Gamewell-FCI 100-2710A).....	411.05	17.62
13852-0464	EA	B-7R, 12 Volt, 7AH Sealed Lead Acid Battery (Gamewell-FCI 100-2311A).....	89.56	17.62
13852-0465	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	277.49	70.45
13852-0466	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	277.49	70.45
13852-0467	EA	12"H x 12"W x 24"L Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970).....	255.60	70.45
13852-0468		Electronic Door Holders (13852-0397)		
		Note: Rixson products.		
13852-0469	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	29.24	3.52
13852-0470	EA	FM-980, Floor Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90000).....	233.96	26.42
13852-0471	EA	FM-981, Floor Mount Holder For Double Doors, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90001)	316.22	26.42
13852-0472	EA	FM-990, Low Profile Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90002).....	152.00	26.42
13852-0473	EA	FM-996, Surface Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90003)	145.21	26.42
13852-0474	EA	FM-997 Recessed Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90004).....	152.00	26.42
13852-0475	EA	FM-998, Recessed Mount Door Holder With Concealed Wiring, 12Vdc, 24Vac/DC Or 120Vac (Gamewell-FCI 140-90005)	151.70	26.42
13852-0476		SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes (13852-0397)		
13852-0477	EA	2 Wire Horn/Strobe, 12/24 V, Red, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2R).....	109.44	26.42
13852-0478	EA	2 Wire Horn/Strobe, 12/24 V, White, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2W)	109.44	26.42
13852-0479	EA	2 Wire Outdoor Horn/Strobe, 12/24 V, Red, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2RK).....	129.82	26.42
13852-0480	EA	Replacement Outdoor Horn/Strobe, 12/24 V, Red, 15, 15/75, 30, 75, 110 And 115 Candela (Gamewell-FCI P2RK-R).....	101.63	17.62
13852-0481		SpectrAlert® Advance Accessories (13852-0397)		
13852-0482	EA	Red, Wall Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBS-2)	18.49	5.28
13852-0483	EA	White Wall Surface Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBSW-2)	18.49	5.28
13852-0484	EA	Red, Ceiling Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBSC-2).....	21.89	5.28
13852-0485	EA	White, Ceiling Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI BBSCW-2).....	21.89	5.28
13852-0486	EA	Weatherproof, Red, Wall Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI SA-WBB)	27.55	5.28
13852-0487	EA	Weatherproof, Red, Ceiling Mount Backbox Skirt For Horn/Strobe (Gamewell-FCI SA-WBBC)	27.55	5.28
13852-0488		Fire Alarm Programming (13852-0397)		
		Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.		
13852-0489	EA	Program And Test Up To 5 Fire Alarm Devices.....	500.00	
13852-0490	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
13852-0491	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
13852-0492		Simplex Fire Alarm (13852)		
13852-0493		4100U Fire Alarm Control Panel (13852-0492)		
13852-0494	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9A System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120VAC Input (Simplex 4100-9111)	4,424.90	352.23
13852-0495	EA	IDNet Module, Up To 127 Points (Simplex 4100-3104).....	4,052.96	352.23
		Note: Add-on module.		
13852-0496	EA	IDNet Module, Up To 64 Points (Simplex 4100-3105)	3,511.22	352.23
		Note: Add-on module.		
13852-0497	EA	Expansion Power Supply, 3 NACS, 120VAC (Simplex 4100-5101)	1,316.20	88.06
		Note: Add-on module.		
13852-0498	EA	Alarm Relay, 3 Form C Relays, 2A @ 32 VDC, For SPS Or RPS (Simplex 4100-6033)	277.79	17.62
		Note: Add-on module.		
13852-0499	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038)	795.28	17.62
		Note: Add-on module.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0500	4100U Backbox <small>(13852-0492)</small>		
13852-0501	EA 2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425).....	755.41	70.45
	Note: 24" x 40" beige backbox.		
13852-0502	EA 3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9426).....	1,086.92	70.45
	Note: 24" x 56" beige backbox.		
13852-0503	DACT(Digital Alarm Communicator Transmitter) <small>(13852-0492)</small>		
13852-0504	EA 6 Zone Fire Control Communicator (Silent Knight SK-5104)	498.99	35.22
13852-0505	Printer <small>(13852-0492)</small>		
13852-0506	EA 24 Pin Dot Matrix Printer (Simplex 4190-9013).....	1,296.60	17.62
13852-0507	NAC Panel / Power Booster <small>(13852-0492)</small>		
13852-0508	EA IDNet NAC Extender With 4, Class B (Style Y) NACs and 8A Power Supply, 120VAC (Simplex 4009-9201)	855.31	88.06
	Note: Power supply for horns and strobes.		
13852-0509	Battery <small>(13852-0492)</small>		
13852-0510	EA 50Ah Sealed Lead Acid Battery (Simplex 2081-9296).....	326.31	17.62
	Note: Two required for 24VDC.		
13852-0511	EA 33Ah Sealed Lead Acid Battery (Simplex 2081-9276).....	229.28	17.62
	Note: Two required for 24VDC.		
13852-0512	EA 6.2Ah Sealed Lead Acid Battery (Simplex 2081-9272)	91.82	17.62
	Note: Two required for 24VDC.		
13852-0513	Interface Modules <small>(13852-0492)</small>		
13852-0514	EA Supervised Individual Addressable Modules (Simplex 4090-9001)	140.33	17.62
	Note: Monitor modules for waterflow/tamper, etc.		
13852-0515	EA Relay Individual Addressable Modules (Simplex 4090-9002).....	245.45	17.62
	Note: Control modules for gas shutdown, door holders, etc.		
13852-0516	EA Relay SPDT With LED MR-801/T (Simplex 2088-9032)	51.39	17.62
	Note: Interface relay for 120VAC		
13852-0517	Pull Stations <small>(13852-0492)</small>		
13852-0518	EA Addressable Single Action Manual Pull Station (Simplex 4099-9001)	175.56	35.22
13852-0519	EA Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178).....	41.88	8.80
13852-0520	Weatherproof Pull Stations <small>(13852-0492)</small>		
13852-0521	EA Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	118.96	35.22
13852-0522	EA Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	58.05	8.80
13852-0523	Heat / Smoke Sensor <small>(13852-0492)</small>		
13852-0524	EA 32 To 122 Degree F Heat Sensor (Simplex 4098-9733).....	93.27	26.42
13852-0525	EA Photoelectric Smoke Sensor (Simplex 4098-9714)	133.70	26.42
13852-0526	EA Sensor Base With Relay Driver (Simplex 4098-9791)	219.76	8.80
13852-0527	EA Standard Sensor Base (Simplex 4098-9792).....	114.65	8.80
13852-0528	EA Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737)	75.65	17.62
	Note: Relay for 4098-9791		
13852-0529	Explosion Proof Heat Detector <small>(13852-0492)</small>		
13852-0530	EA 135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488).....	109.44	26.42
13852-0531	EA Explosion Proof Backbox (Killark JLX-21)	211.68	8.80
13852-0532	EA Explosion Proof Backbox Plugs (Killark CUP-2)	19.69	1.76
13852-0533	Weatherproof Heat Detector <small>(13852-0492)</small>		
13852-0534	EA 194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490).....	85.18	26.42
13852-0535	200 Degree F Heat Detector <small>(13852-0492)</small>		
13852-0536	EA 194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604).....	77.10	26.42
	Note: Used in kiln rooms and kitchens.		
13852-0537	Duct Smoke Sensor <small>(13852-0492)</small>		
13852-0538	EA Duct Sensor Housing (Simplex 4098-9755).....	400.11	14.09
13852-0539	EA Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756)	459.60	31.70
	Note: Relay output for AHU shutdown.		

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0540	EA	Duct Sampling Tube (Simplex 2098-9798)..... Note: 25", 49", 73" or 97" sampling tube length.	42.91	5.28
13852-0541	EA	Remote Duct Test Station With Keyswitch And Red LED Status Indicator (Simplex 2098-9806).....	125.61	26.42
13852-0542		Interior Horn Strobe (13852-0492)		
13852-0543	EA	Wall Mounted Horn Strobe, Multi-Candela, Red (Wheelock HS4-24MCW-FR).....	157.95	26.42
13852-0544	EA	Surface Backbox For HS4 Series (Wheelock DBB-R).....	25.71	8.80
13852-0545	EA	Wall Mounted Horn Strobe, 75Cd, Red (Simplex 4903-9426).....	157.95	26.42
13852-0546	EA	Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427).....	157.95	26.42
13852-0547		Weatherproof Horn Strobe (13852-0492)		
13852-0548	EA	Wall Mounted Weatherproof Horn Strobe, 4 Wire, Multi-Candela, Red (Wheelock MTWP-2475W-FR).....	166.04	26.42
13852-0549	EA	Weatherproof Surface Backbox For MTWP Series (Wheelock IOB-R).....	33.79	8.80
13852-0550		Interior Strobe (13852-0492)		
13852-0551	EA	Wall Mounted Strobe, Multi-Candela, Red (Simplex 4906-9101).....	141.78	26.42
13852-0552	EA	Wall Mounted Strobe, Multi-Candela, Red (Wheelock RSS-24MCW-FR).....	141.78	26.42
13852-0553	EA	Surface Backbox For RSS Series (Wheelock SHBB-R).....	33.79	8.80
13852-0554		Weatherproof Strobe (13852-0492)		
13852-0555	EA	Weatherproof Wall Mounted Strobe, Multi-Candela, Red (Wheelock RSSWP-2475W-FR).....	149.87	26.42
13852-0556	EA	Weatherproof Surface Backbox For RSSWP Series (Wheelock WPSBB-R).....	33.79	8.80
13852-0557		Surge Suppressors (13852-0492)		
13852-0558	EA	Overvoltage Suppressor (Simplex 2081-9044).....	59.08	5.28
13852-0559	EA	Isolated Loop Circuit Protector (Simplex 2081-9028).....	83.34	5.28
13852-0560	EA	120V, 20A Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A).....	156.11	5.28
13852-0561	EA	24V Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B).....	91.43	5.28
13852-0562	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB).....	82.31	8.80
13852-0563		Covers (13852-0492)		
13852-0564	EA	Pull Station Polycarbonate Cover, Semi Flush (STI-1200).....	83.73	17.62
13852-0565	EA	Pull Station Polycarbonate Cover With Spacer (STI-1230)..... Note: For surface mounted pull stations.	91.82	17.62
13852-0566	EA	Horn Strobe Polycarbonate Cover With Spacer (STI-1210D)..... Note: For surface mounted horn strobes.	91.82	17.62
13852-0567	EA	Horn Strobe Polycarbonate Cover, Semi Flush (STI-1210E).....	83.73	17.62
13852-0568	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D)..... Note: For surface mounted strobe.	91.82	17.62
13852-0569	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E).....	83.73	17.62
13852-0570	EA	Gasket Kit For STI Covers (STI SUB-121).....	26.74	
13852-0571		Siemens Fire Alarm (13852)		
13852-0572		Conventional Control Panels (13852-0571)		
13852-0573		SXL Batteries And Power Supplies (13852-0572)		
13852-0574	EA	6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3).....	620.28	35.22
13852-0575	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB).....	501.69	35.22
13852-0576		Digital Fire Communicators (13852-0572)		
13852-0577	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129).....	486.06	35.22
13852-0578		Addressable Control Panels (13852-0571)		
13852-0579		Fireseeker Equipment (13852-0578)		
13852-0580		FS-250 System Panels (13852-0579)		
13852-0581	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT)..... Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	1,575.55	352.23
13852-0582	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT)..... Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	1,937.80	352.23
13852-0583	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT)..... Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	1,178.08	281.78
13852-0584	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON).....	1,577.71	352.23



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0585		FS-250 Optional Modules <small>(13852-0579)</small>		
13852-0586	EA	Main Board Module (Siemens FS-MB2)	624.59	35.22
13852-0587	EA	Display Board Module (Siemens FS-DB2).....	483.71	17.62
13852-0588	EA	Device Loop Card (Siemens FS-DLC)	397.46	17.62
13852-0589	EA	Releasing Module (Siemens FS-REL)	179.69	17.62
13852-0590	EA	Remote LCD Annunciator (Siemens FS-RD2).....	394.77	17.62
13852-0591	EA	Relay Processor Card (Siemens FS-RU2).....	343.56	17.62
13852-0592	EA	Relay Expander Board (Siemens FS-RE8).....	293.96	17.62
13852-0593	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	394.77	17.62
13852-0594	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	309.06	17.62
13852-0595	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT).....	281.57	17.62
13852-0596	EA	Municipal Tie Module (Siemens FS-MT).....	240.06	17.62
13852-0597	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2).....	225.16	
13852-0598	EA	Programming Cable Kit (Siemens CBL-UD)	59.13	8.80
13852-0599	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	106.91	17.62
13852-0600	EA	Releasing Power Transformer (Siemens FS-RPT-A)	108.53	17.62
13852-0601	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	120.89	14.09
13852-0602	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	192.27	8.80
13852-0603		Firefinder Systems <small>(13852-0578)</small>		
13852-0604		XLS Basic Fire System Packages Without Backbox <small>(13852-0603)</small>		
13852-0605	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	5,372.55	352.23
13852-0606	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	4,756.96	352.23
13852-0607	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP)	4,756.96	352.23
		Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
13852-0608	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	7,816.61	352.23
13852-0609	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD)..... Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	8,072.12	352.23
13852-0610	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP)	4,694.97	352.23
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
13852-0611	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP)	4,694.97	352.23
		Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
13852-0612	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP)	5,415.14	352.23
		Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
13852-0613		Firefinder - XLS Basic System Equipment <small>(13852-0603)</small>		
13852-0614	EA	Person Machine Interface With Central Processor (Siemens PMI).....	2,501.10	352.23
		Note: Includes inner door.		
13852-0615	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC)	4,091.84	352.23
		Note: Includes inner door.		
13852-0616	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT)	2,501.10	352.23
		Note: Includes inner door.		
13852-0617	EA	Two Slot Card Cage (Siemens CC-2).....	302.59	17.62
13852-0618	EA	Five Slot Card Cage (Siemens CC-5).....	507.97	17.62
13852-0619	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	723.59	17.62
13852-0620	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B).....	755.39	17.62
13852-0621	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C).....	242.22	17.62
13852-0622	EA	Device Loop Card (Siemens DLC)..... Note: Interfaces with up to 252 detectors and devices.	856.73	17.62
13852-0623	EA	Controllable Relay Card (Siemens CRC-6)..... Note: Provides six programmable relays.	487.48	17.62
13852-0624	EA	12 Amp Power Supply Charger Module (Siemens PSC-12).....	1,831.87	17.62
13852-0625	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI)	3,220.20	352.23
		Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.		

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0626	EA	Network Interface Card (Siemens NIC-C)..... Note: Provides HNET Or XNET communication between enclosures.	569.42	17.62
13852-0627	EA	12 Amp Power Supply Extender (Siemens PSX-12)..... Note: Extends PSC-12 with an additional 24 Vdc.	1,524.62	17.62
13852-0628	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	261.62	17.62
13852-0629	EA	Conventional Detector Card (Siemens CDC-4)	548.93	17.62
13852-0630	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS).....	1,070.20	17.62
13852-0631	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	3,834.44	17.62
13852-0632 Remote Lobby Enclosure (13852-0603)				
13852-0633	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2)..... Note: Flush mounted. Includes clear lens plate on cover.	726.84	70.45
13852-0634	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	931.68	70.45
13852-0635	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP)..... Note: Required to mount up to four SIM-16 or OCM-16 modules.	117.69	17.62
13852-0636	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP)..... Note: Required to mount up to eight SIM-16 or OCM-16 modules.	127.94	17.62
13852-0637 Battery Enclosures (13852-0603)				
13852-0638	EA	Enclosure For 100Ah Batteries (Siemens CAB-BATT)	459.47	70.45
13852-0639 Graphic Annunciator Output Drivers And Inputs (13852-0603)				
13852-0640	EA	Output Control Module (Siemens OCM-16)	353.80	17.62
13852-0641	EA	Supervised Input Module (Siemens SIM-16)	353.80	17.62
13852-0642 Remote LCD Displays (13852-0603)				
13852-0643	EA	Remote LED/LCD System Status Display (Siemens SSD)..... Note: No control or menu capability.	824.22	52.84
13852-0644	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	927.18	52.84
13852-0645 Voice Equipment (13852-0603)				
13852-0646	EA	40W Zone Amplifier Card (Siemens ZAC-40)	807.14	17.62
13852-0647	EA	180W Zone Amplifier Module (Siemens ZAM-180).....	1,781.20	17.62
13852-0648	EA	Live Voice Module (Siemens LVM)	753.77	17.62
Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.				
13852-0649 MXL Series Equipment (13852-0578)				
13852-0650 MXL Optional Equipment (13852-0649)				
13852-0651	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I).....	874.71	35.22
13852-0652	EA	CXL/MXL Interface Module (Siemens CMI-300)	2,234.54	17.62
13852-0653	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	388.84	17.62
13852-0654	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4).....	468.08	17.62
13852-0655	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	180.22	17.62
13852-0656	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1).....	113.92	17.62
13852-0657	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	455.68	17.62
13852-0658	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	171.43	26.42
13852-0659	EA	Lexan Window For RCC (Siemens GENBOX-WD).....	114.96	14.09
13852-0660	EA	Input Driver Module (Siemens MID-16).....	300.97	17.62
13852-0661	EA	Programmable Output Driver Module (Siemens MOD-16).....	300.97	17.62
13852-0662	EA	MXL Output/Input Module (Siemens MOI-7).....	477.78	17.62
13852-0663	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	257.31	17.62
13852-0664	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4).....	401.24	17.62
13852-0665	EA	12 Amp, 220 Vac Power Supply For MXL (Siemens MPS-12/220).....	990.25	52.84
13852-0666	EA	12 Amp, 240 Vac Power Supply For MXL (Siemens MPS-12/240).....	990.25	52.84
13852-0667	EA	Network Interface Module (Siemens NIM-1W).....	709.57	17.62
13852-0668	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	1,865.85	70.45
13852-0669	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	212.57	17.62
13852-0670	EA	Surface Mounted Remote Command Center (Siemens RCC-1).....	2,141.02	352.23
13852-0671	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	260.73	35.22
13852-0672	EA	Flush Mounted Remote Command Center (Siemens RCC-1F).....	2,141.02	352.23
13852-0673	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	267.20	35.22
13852-0674	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	1,674.74	352.23
13852-0675	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	2,445.04	352.23
13852-0676	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	41.88	8.80
13852-0677	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	2,873.51	35.22
13852-0678	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	6,106.19	35.22
13852-0679	EA	Releasing End Of Line Module (Siemens REL-EOL).....	93.98	17.62
13852-0680	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	1,836.92	35.22
13852-0681	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	1,754.44	35.22
13852-0682	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	950.00	70.45



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0683 Complete MXL And MXLV System Packages Without Enclosure <small>(13852-0649)</small>		
13852-0684 EA MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP).....	6,933.10	352.23
Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.		
13852-0685 EA MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP).....	8,953.46	352.23
Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.		
13852-0686 EA MXLV Demonstration Panel (Siemens MXLV DEMO).....	18,389.00	352.23
13852-0687 MXL Basic System <small>(13852-0649)</small>		
13852-0688 EA MXL/MXLV Main Control Board (Siemens MMB-3).....	4,390.94	352.23
13852-0689 EA MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL).....	5,597.88	352.23
Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.		
13852-0690 EA MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	1,551.22	35.22
13852-0691 EA MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5).....	1,940.41	35.22
13852-0692 EA 6 Amp Power Supply For MXL (Siemens MPS-6).....	687.84	52.84
13852-0693 EA 220/240 Vac Adapter Cable (Siemens CIA-12).....	52.66	8.80
13852-0694 MXL/MXLV System Expansion Accessories <small>(13852-0649)</small>		
13852-0695 EA MXL Remote Power Supply Module (Siemens PSR-1).....	840.40	52.84
13852-0696 EA Style 4 Communication Module (Siemens NET-4).....	174.83	17.62
13852-0697 EA Style 7 Communication Module (Siemens NET-7).....	313.37	17.62
13852-0698 EA MXL/MXLV-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	190.47	17.62
13852-0699 Peripheral Devices <small>(13852-0578)</small>		
13852-0700 Thermal Detectors <small>(13852-0699)</small>		
13852-0701 EA Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R).....	79.25	26.42
13852-0702 EA Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R).....	79.25	26.42
13852-0703 EA 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	79.25	26.42
13852-0704 EA 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	79.25	26.42
13852-0705 EA Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	119.68	26.42
13852-0706 EA Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	119.68	26.42
13852-0707 EA Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP).....	283.01	26.42
13852-0708 Beam Smoke Detector <small>(13852-0699)</small>		
13852-0709 EA Linear Beam Smoke Detector (Siemens PBA-1191).....	1,313.61	26.42
13852-0710 EA Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	151.30	8.80
13852-0711 EA 20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192).....	152.92	8.80
13852-0712 EA 10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193).....	79.61	8.80
13852-0713 Bases For Detectors <small>(13852-0699)</small>		
13852-0714 EA Detector Base (Siemens DB-11).....	25.71	8.80
13852-0715 EA Universal Base (Siemens DB-3S).....	24.09	8.80
13852-0716 Manual Stations <small>(13852-0699)</small>		
13852-0717 EA Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP).....	199.28	35.22
13852-0718 Addressable Devices <small>(13852-0578)</small>		
13852-0719 Intelligent Detectors And Devices For Firefinder XLS And FS-250 <small>(13852-0718)</small>		
13852-0720 EA Addressable Fireprint Fire Detector (Siemens HFP-11).....	145.56	26.42
13852-0721 EA Addressable Thermal Fire Detector (Siemens HFPT-11).....	126.69	26.42
13852-0722 EA Relay Base For H-Series Intelligent Detectors (Siemens DB-HR).....	104.59	26.42
13852-0723 EA Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC).....	72.78	26.42
13852-0724 EA Wall Mounted Remote Alarm Indicator (Siemens RL-HW).....	72.78	26.42
13852-0725 EA Addressable Single Action Manual Pull Station (Siemens HMS-S).....	184.19	35.22
13852-0726 EA Addressable Double Action Manual Pull Station (Siemens HMS-D).....	177.72	35.22
13852-0727 EA Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S).....	113.92	17.62
13852-0728 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D).....	138.18	17.62
13852-0729 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R).....	138.18	17.62
13852-0730 EA Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M).....	105.84	17.62
13852-0731 EA Line Isolator Module (Siemens HLIM).....	109.07	17.62

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0732	EA	Remote Convention Zone Module (Siemens HZM)	158.66	17.62
13852-0733	EA	Intelligent Control Point Module (Siemens HCP)	199.63	17.62
13852-0734	EA	Handheld Programming And Testing Unit (Siemens DPU)	858.54	
13852-0735	EA	DPU Carrying Case (Siemens DPU-C1)	133.47	
13852-0736	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	1,471.25	17.62
13852-0737		Air Duct Housings And Detectors (13852-0718)		
13852-0738	EA	Air-Duct Housing (Siemens AD2-P)	161.32	14.09
13852-0739	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	181.80	14.09
13852-0740	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	147.88	17.62
13852-0741	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	46.00	17.62
13852-0742	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	47.62	17.62
13852-0743	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	50.85	17.62
13852-0744	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	53.01	17.62
13852-0745		Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (13852-0718)		
13852-0746	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	151.49	26.42
13852-0747	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	131.54	26.42
13852-0748	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	166.58	26.42
13852-0749	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	180.42	35.22
13852-0750	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	194.97	35.22
13852-0751	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	146.80	17.62
13852-0752	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	161.90	17.62
13852-0753	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	161.90	17.62
13852-0754		Detector Universal Bases (13852-0718)		
13852-0755	EA	Detector Base With Relay (Siemens DB-X11RS)	68.83	8.80
13852-0756	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	36.49	8.80
13852-0757	EA	Locking Kit (Siemens LK-11)	7.48	
13852-0758	EA	Detector Base With Relay (Siemens DB-X3RS)	68.83	8.80
13852-0759	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	79.61	8.80
13852-0760	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	34.87	8.80
13852-0761	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	17.04	5.28
13852-0762	EA	Seal For DB-11 (Siemens DB11-SEAL)	8.78	
13852-0763	EA	Gasket For DB-11 (Siemens DB-SEAL)	9.49	
13852-0764	EA	Detector Guard Housing (Siemens DGH-11)	99.56	8.80
13852-0765	EA	Small Detector Base (Siemens DB-11E)	27.86	8.80
13852-0766	EA	Audible Base For Series 3 (Siemens ADBI-60A)	89.31	8.80
13852-0767	EA	Base Plug (Siemens DB-11-DP)	7.46	
13852-0768		Air Duct Smoke Detectors (13852-0718)		
13852-0769	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	78.88	17.62
13852-0770	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	383.99	17.62
13852-0771		Notification Devices (13852-0578)		
13852-0772		Synchronization Control Devices (13852-0771)		
13852-0773	EA	Dual Synchronization Control Module (Siemens DSC)	113.92	17.62
13852-0774		Stand Alone Strobes (13852-0771)		
13852-0775	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	98.66	26.42
13852-0776	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	106.74	26.42
13852-0777	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	98.66	26.42
13852-0778	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	106.74	26.42
13852-0779	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	106.74	26.42
13852-0780	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	98.66	26.42
13852-0781	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	112.67	26.42
13852-0782	EA	Weatherproof Ceiling Mounted Strobe (Siemens SE-HMC-WP)	108.36	26.42
13852-0783	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	108.36	26.42
13852-0784	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	115.37	26.42
13852-0785	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	115.37	26.42
13852-0786		Horns And Strobes (13852-0771)		
13852-0787	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	130.46	26.42
13852-0788	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	137.47	26.42
13852-0789	EA	Wall Mounted Horn (Siemens SE-R)	79.25	26.42
13852-0790	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	130.46	26.42
13852-0791	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	137.47	26.42
13852-0792	EA	Ceiling Mounted Horn (Siemens SEC-R)	82.49	26.42
13852-0793	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	130.46	26.42
13852-0794	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	137.47	26.42
13852-0795	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	79.25	26.42
13852-0796	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	130.46	26.42



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0797	EA Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW).....	137.47	26.42
13852-0798	EA Ceiling Mounted Low Profile Horn (Siemens SEF-CR).....	82.49	26.42
13852-0799	EA Mini Horn (Siemens MH-R).....	67.39	26.42
13852-0800	EA Indoor/Outdoor Multi Tone Horn (Siemens MTH-R).....	83.57	26.42
13852-0801	EA Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R).....	123.46	26.42
13852-0802	EA Industrial Tri-Tone Horn (Siemens ASR).....	335.84	26.42
13852-0803	EA Wall Mounted Horn (Siemens HS-R).....	83.57	26.42
13852-0804	EA Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R).....	123.99	26.42
13852-0805	EA Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R).....	132.62	26.42
13852-0806	EA 6" Motor Bell (Siemens MBDC-6).....	94.35	26.42
13852-0807	EA 10" Motor Bell (Siemens MBDC-10).....	102.43	26.42
13852-0808	Mounting Accessories (13852-0771)		
13852-0809	EA Concealed Conduit Adapter Plate (Siemens APS-R).....	24.09	8.80
13852-0810	EA 4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R).....	24.09	8.80
13852-0811	EA 4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R).....	24.63	8.80
13852-0812	EA Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX).....	37.56	8.80
13852-0813	EA White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W).....	30.56	8.80
13852-0814	EA Surface Mounted Speaker Backbox (Siemens SBBS-R).....	32.17	8.80
13852-0815	EA Surface Mounted Speaker Backbox (Siemens SBL2S-R).....	34.33	8.80
13852-0816	EA Square Semi-Flush Extension Ring (Siemens SERS-R).....	27.86	8.80
13852-0817	EA Semi-Flush Plate (Siemens SFPS-R).....	23.55	8.80
13852-0818	EA Square Surface Backbox (Siemens SHBBS-R).....	27.86	8.80
13852-0819	EA Horn Adapter Plate (Siemens SHMPS-R).....	26.78	8.80
13852-0820	EA Ceiling Speaker Extension Ring (Siemens SPEXT-R).....	24.09	8.80
13852-0821	EA Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R).....	30.56	8.80
13852-0822	EA Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R).....	32.17	8.80
13852-0823	EA Weatherproof Speaker Backbox (Siemens WBBS-R).....	31.10	8.80
13852-0824	EA Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B).....	34.33	8.80
13852-0825	EA Weatherproof Flush Plate (Siemens WFPAS-R).....	34.33	8.80
13852-0826	EA Weatherproof Horn Flush Plate (Siemens WFPS-R).....	34.33	8.80
13852-0827	EA Weatherproof Horn Backbox (Siemens WPBBS-R).....	32.17	8.80
13852-0828	EA Weatherproof Strobe Backbox (Siemens WPSBBS-R).....	32.17	8.80
13852-0829	EA Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT).....	24.09	8.80
13852-0830	EA Z Series Backbox (Siemens ZBB-R).....	26.78	8.80
13852-0831	Door Holders (13852-0771)		
13852-0832	EA 120Vac Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	191.91	26.42
13852-0833	EA 24Vdc Concealed Wiring Fire Door Holder (Siemens SDH-2D).....	191.91	26.42
13852-0834	Voice Equipment (13852-0578)		
13852-0835	Voicecom (13852-0834)		
13852-0836	EA Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM).....	2,922.64	352.23
13852-0837	EA Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L).....	4,566.74	352.23
13852-0838	Notifier Fire Alarm (13852)		
13852-0839	Fire Alarm Control Panel And Accessories (13852-0838)		
13852-0840	EA NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D).....	3,388.31	352.23
13852-0841	EA NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640).....	2,826.32	352.23
13852-0842	EA NFS-320 Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	3,393.75	352.23
13852-0843	EA Loop Control Module (Notifier LCM-320).....	1,178.91	35.22
13852-0844	EA Loop Expander Module (Notifier LEM-320).....	1,020.56	35.22
13852-0845	EA Keyboard Display Module For CPU2-640 (Notifier KDM-R2).....	914.21	35.22
13852-0846	ONYX CAB-4 Series Cabinets (13852-0838)		
13852-0847	EA Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2).....	123.71	17.62
13852-0848	EA One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4).....	223.07	17.62
13852-0849	EA One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B).....	145.44	17.62
13852-0850	EA Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4).....	282.60	26.42
13852-0851	EA Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B).....	179.37	26.42
13852-0852	EA Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4).....	421.31	35.22
13852-0853	EA Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B).....	262.96	35.22
13852-0854	EA Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4).....	510.33	44.03
13852-0855	EA Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B).....	306.96	44.03
13852-0856	EA One Tier Backbox Assembly (Notifier SBB-A4).....	229.09	52.84
13852-0857	EA Two Tier Backbox Assembly (Notifier SBB-B4).....	324.08	70.45
13852-0858	EA Three Tier Backbox Assembly (Notifier SBB-C4).....	428.10	70.45
13852-0859	EA Four Tier Backbox Assembly (Notifier SBB-D4).....	522.31	88.06

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0860 NFS2-3030/640 Cabinet Mechanicals <small>(13852-0838)</small>		
13852-0861 EA Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3).....	162.29	26.42
13852-0862 EA Battery Dress Plate For NFS2-3030 (Notifier BP2-4).....	70.82	10.57
13852-0863 EA Blank Module Dress Plate (Notifier BM-1B).....	62.28	10.57
13852-0864 EA Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640).....	75.48	10.57
13852-0865 EA Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2).....	75.48	10.57
13852-0866 NFS-3030/640 Cabinet Mechanicals <small>(13852-0838)</small>		
13852-0867 EA Annunciator Dress Plate (Notifier ADP-4B).....	69.27	10.57
13852-0868 EA Blank Module Dress Plate (Notifier BMP-1).....	45.20	10.57
13852-0869 EA Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L).....	101.98	17.62
13852-0870 EA Module Dress Plate (Notifier MP-1B).....	70.82	10.57
13852-0871 Battery Cabinets <small>(13852-0838)</small>		
13852-0872 EA Chassis, Mounts Up To 6 Modules (Notifier CHS-6).....	70.93	17.62
13852-0873 EA 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB).....	330.78	52.84
13852-0874 Digital Voice <small>(13852-0838)</small>		
13852-0875 EA Analog Output Board For Digital Voice Command (Notifier DVC-AO).....	202.11	17.62
13852-0876 EA Extended Memory For Digital Voice Command (Notifier DVC-EM).....	1,160.76	17.62
13852-0877 EA Keypad For Digital Voice Command (Notifier DVC-KD).....	338.25	35.22
13852-0878 EA 50W, 25Vrms Digital Audio Amplifier (Notifier DAA-5025).....	889.08	17.62
13852-0879 EA Multi-Mode Fiber-Optic Media 50W, 25Vrms Digital Audio Amplifier (Notifier DAA-5025F).....	889.08	17.62
13852-0880 EA Single-Mode Fiber-Optic Media 50W, 25Vrms Digital Audio Amplifier (Notifier DAA-5025SF).....	889.08	17.62
13852-0881 EA 50W, 70Vrms Digital Audio Amplifier (Notifier DAA-5070).....	966.70	17.62
13852-0882 EA Multi-Mode Fiber-Optic Media 50W, 70Vrms Digital Audio Amplifier (Notifier DAA-5070F).....	966.70	17.62
13852-0883 EA 75W, 25Vrms Digital Audio Amplifier (Notifier DAA-7525).....	1,160.76	17.62
13852-0884 EA Multi-Mode Fiber-Optic Media 75W, 25Vrms Digital Audio Amplifier (Notifier DAA-7525F).....	1,160.76	17.62
13852-0885 EA Single-Mode Fiber-Optic Media 75W, 25Vrms Digital Audio Amplifier (Notifier DAA-7525SF).....	1,160.76	17.62
13852-0886 EA One Tier Chassis For Digital Voice Command Panel (Notifier CA-1).....	91.11	17.62
13852-0887 EA Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2).....	281.05	26.42
13852-0888 EA Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1).....	70.04	10.57
13852-0889 EA Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4).....	80.91	10.57
13852-0890 EA Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B).....	139.13	10.57
13852-0891 EA Paging Microphone Only (Notifier MIC-1).....	136.91	17.62
13852-0892 Digital Voice Cabinet Doors <small>(13852-0838)</small>		
13852-0893 EA Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4).....	320.64	26.42
13852-0894 EA Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4).....	435.28	35.22
13852-0895 EA Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4).....	542.16	44.03
13852-0896 RM-1 Remote Microphone <small>(13852-0838)</small>		
13852-0897 EA Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1).....	332.52	17.62
13852-0898 EA Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA).....	332.52	17.62
13852-0899 Amplifiers <small>(13852-0838)</small>		
13852-0900 EA 30W Audio Amplifier At 25 Vrms, 120 Vac (Notifier AA-30).....	517.26	17.62
13852-0901 EA 100W Audio Amplifier At 70.7 Vrms, 120Vac (Notifier AA-100).....	1,146.78	17.62
13852-0902 EA 120W Audio Amplifier At 25 Vrms, 120Vac (Notifier AA-120).....	1,115.73	17.62
13852-0903 EA Audio Coupling Transformer (Notifier ACT-1).....	84.90	17.62
13852-0904 EA Audio Coupling Transformer, Used With Analog Amplifiers (Notifier ACT-2).....	98.87	17.62
13852-0905 EA Audio Coupling Transformer, Used With DVC-AO (Notifier ACT-4).....	98.87	17.62
13852-0906 EA Audio Coupling Transformer, Used With DAA-5025 (Notifier ACT-25).....	98.87	17.62
13852-0907 EA Audio Coupling Transformer, Used With DAA-5070 (Notifier ACT-70).....	98.87	17.62
13852-0908 FireVoice-25/50 Emergency Voice Evacuation Control Panel <small>(13852-0838)</small>		
13852-0909 EA 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50).....	2,493.66	352.23
13852-0910 EA Zoned System 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50ZS).....	2,955.52	352.23
13852-0911 EA Zoned System With Telephone 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50ZST).....	3,258.25	352.23
13852-0912 EA Single Channel 25W, 25Vrms Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	1,791.17	352.23
13852-0913 EA Single Channel 25W, 25Vrms Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS).....	2,295.73	352.23
13852-0914 System Printer <small>(13852-0838)</small>		
13852-0915 EA 80 Column Desktop Printer, 120 Vac (Notifier PRN-6).....	1,379.65	17.62
13852-0916 Batteries <small>(13852-0838)</small>		
13852-0917 EA 7Ah Sealed Battery, 12 Volt (Notifier BAT-1270).....	81.79	17.62
13852-0918 EA 12Ah Sealed Battery, 12 Volt (Notifier BAT-12120).....	129.92	17.62
13852-0919 EA 18Ah Sealed Battery, 12 Volt (Notifier BAT-12180).....	137.68	17.62



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0920	EA	26Ah Sealed Battery, 12 Volt (Notifier BAT-12260)	186.59	17.62
13852-0921	EA	55Ah Sealed Battery, 12 Volt (Notifier BAT-12550)	313.11	17.62
13852-0922	EA	100Ah Sealed Battery, 12 Volt (Notifier BAT-121000)	539.77	17.62
13852-0923		Battery Backboxes And Miscellaneous Mechanicals <small>(13852-0838)</small>		
13852-0924	EA	Battery Backbox, Mounts Up To Two 26Ah And Charger (Notifier BB-26)	261.21	70.45
13852-0925		System Power Supplies And Chargers <small>(13852-0838)</small>		
13852-0926	EA	Addressable Power Supply, 120 Vac For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	985.33	17.62
13852-0927	EA	6A Auxiliary Power Supply (Notifier APS-6R)	480.00	17.62
13852-0928	EA	25 To 120Ah Battery Charger (Notifier CHG-120)	758.67	17.62
13852-0929	EA	80 Amps, 120 Vac Remote Charger Power Supply (Notifier FCPS-24S8)	493.20	17.62
13852-0930	EA	Main Power Supply And Charger, Up To 3 Amps (Notifier MPS-24A)	695.02	17.62
13852-0931		Network Control Annunciators <small>(13852-0838)</small>		
13852-0932	EA	Network Control Annunciator Used With NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	1,337.55	52.84
13852-0933	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	48.31	10.57
13852-0934	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	36.66	10.57
13852-0935		FIRSTVISION Firefighter's Display <small>(13852-0838)</small>		
13852-0936	EA	Replacement FIRSTVISION Touchscreen Assembly (Notifier FIRSTVISION-LCD)	9,559.36	352.23
13852-0937		FlashScan Addressable Devices <small>(13852-0838)</small>		
13852-0938	EA	Intelligent Non-Relay Duct Smoke Detector Housing (Notifier DNR)	124.42	14.09
13852-0939	EA	Watertight Intelligent Non-Relay Duct Smoke Detector Housing (Notifier DNRW)	209.87	17.62
13852-0940	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	129.69	26.42
13852-0941	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	247.67	26.42
13852-0942	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	673.83	26.42
13852-0943	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851)	132.79	26.42
13852-0944	EA	Intelligent Addressable Thermal Detector (Notifier FST-851)	109.50	26.42
13852-0945	EA	Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H)	109.50	26.42
13852-0946	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R)	109.50	26.42
13852-0947	EA	Intelligent Addressable Control Module (Notifier FCM-1)	119.83	17.62
13852-0948	EA	Intelligent Addressable Dual Monitor Module (Notifier FDM-1)	133.80	17.62
13852-0949	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	99.65	17.62
13852-0950	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	88.78	17.62
13852-0951	EA	Intelligent Addressable 4-20mA Analog Input Module (Notifier FMM-4-20)	182.70	17.62
13852-0952	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	115.17	17.62
13852-0953	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	150.88	17.62
13852-0954	EA	Addressable Manual Dual Action Pull Station (Notifier NBG-12LX)	163.60	35.22
13852-0955	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	98.09	17.62
13852-0956		Addressable Device Bases And Accessories <small>(13852-0838)</small>		
13852-0957	EA	Intelligent Detector Base With Flange (Notifier B710LP)	32.37	8.80
13852-0958	EA	Weatherproof Device Housing (Notifier DH400OE-1)	204.44	17.62
13852-0959		XP6/XP10 Transponder <small>(13852-0838)</small>		
13852-0960	EA	Synchronization Daughter Module Used With XP6-C (Notifier SYNC-1)	84.90	17.62
13852-0961	EA	Ten Input Monitor Module (Notifier XP10-M)	499.41	17.62
13852-0962	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	431.10	17.62
13852-0963	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	522.69	17.62
13852-0964	EA	Six Relay Control Module (Notifier XP6-R)	417.13	17.62
13852-0965		LCD Display Annunciators <small>(13852-0838)</small>		
13852-0966	EA	80 Character LCD Fire Annunciator Used With FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	559.77	52.84
13852-0967	EA	640 Character LCD Annunciator Used With NFS-3030 And NFS2-3030 (Notifier LCD-160)	818.25	52.84
13852-0968	EA	80 Character LCD Annunciator Used With NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	796.52	52.84
13852-0969		ONYX ACM And AEM Series LED Annunciators <small>(13852-0838)</small>		
13852-0970	EA	16 Alarm And 16 Trouble LED Annunciator Control Module (Notifier ACM-16AT)	575.48	17.62
13852-0971	EA	16 Alarm And 16 Trouble LED Annunciator Expander Module (Notifier AEM-16AT)	441.19	17.62
13852-0972	EA	24 Alarm And 24 Trouble LED Annunciator Control Module (Notifier ACM-24AT)	575.48	17.62
13852-0973	EA	24 Alarm And 24 Trouble LED Annunciator Expander Module (Notifier AEM-24AT)	441.19	17.62
13852-0974	EA	32 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-32A)	441.19	17.62
13852-0975	EA	32 Alarm And 1 Trouble LED Annunciator Expander Module (Notifier AEM-32A)	396.17	17.62
13852-0976	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	441.19	17.62
13852-0977	EA	48 Alarm And 1 Trouble LED Annunciator Expander Module (Notifier AEM-48A)	396.17	17.62

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-0978		Graphic Annunciator - Lamp Driver Modules <small>(13852-0838)</small>		
13852-0979	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	396.17	17.62
13852-0980	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	323.20	17.62
13852-0981	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	177.57	35.22
13852-0982	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	193.09	35.22
13852-0983	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	223.12	44.03
13852-0984	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	243.31	44.03
13852-0985	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	390.30	61.64
13852-0986	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	69.27	10.57
13852-0987	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	115.47	35.22
13852-0988	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	143.42	35.22
13852-0989	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	254.17	44.03
13852-0990	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	66.27	17.62
13852-0991	EA	12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	412.04	61.64
13852-0992		Network Gateways <small>(13852-0838)</small>		
13852-0993	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	1,587.68	17.62
13852-0994	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	1,587.68	17.62
13852-0995	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	1,587.68	17.62
13852-0996		NOTI-FIRE-NET Network Components <small>(13852-0838)</small>		
13852-0997	EA	Interface Between NotiFireNet 50 And BACnet (Notifier BACNET GATEWAY)	1,587.68	17.62
13852-0998	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	740.04	17.62
13852-0999	EA	Wired Network Communications Module (Notifier NCM-W)	705.11	17.62
13852-1000	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	65.75	8.80
13852-1001	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	1,618.73	17.62
13852-1002		FireWarden Addressable Fire Panels <small>(13852-0838)</small>		
13852-1003	EA	198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	1,674.74	352.23
13852-1004	EA	50 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	1,422.46	352.23
13852-1005		FireWarden Accessories <small>(13852-0838)</small>		
13852-1006	EA	80 Character LCD Fire Annunciator (Notifier N-ANN-80)	356.39	52.84
13852-1007	EA	10 Input LED Annunciator Module (Notifier N-ANN-LED)	306.90	17.62
13852-1008	EA	Relay Module With 10 Programmable Form C Relays (Notifier N-ANN-RLY)	229.28	17.62
13852-1009		FireWarden Devices <small>(13852-0838)</small>		
13852-1010	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	120.37	26.42
13852-1011	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	118.82	26.42
13852-1012	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	113.39	26.42
13852-1013	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	113.39	26.42
13852-1014	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	113.39	26.42
13852-1015	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	230.60	26.42
13852-1016	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	277.17	26.42
13852-1017	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	95.77	17.62
13852-1018	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	86.84	17.62
13852-1019	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	146.22	17.62
13852-1020	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	522.69	17.62
13852-1021	EA	Two Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NDM-100)	111.29	17.62
13852-1022	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	97.32	17.62
13852-1023	EA	Intelligent Addressable Control Module (Notifier NC-100)	115.95	17.62
13852-1024	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	111.29	17.62
13852-1025	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	162.82	35.22
13852-1026		SFP-2402 And SFP-2404 2 And 4-Zone Control Panels <small>(13852-0838)</small>		
13852-1027	EA	Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	915.97	281.78
13852-1028	EA	Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,009.12	281.78
13852-1029		SFP-2402/2404, RP Series And SFP-400/SFP-400B Option Modules <small>(13852-0838)</small>		
13852-1030	EA	Annunciator Interface Module (Notifier 4XLM)	108.19	17.62
13852-1031	EA	Transmitter Module (Notifier 4XTM)	108.19	17.62
13852-1032	EA	Four Zone Relay Module (Notifier 4XZM)	124.49	17.62
13852-1033	EA	100 VA, 120Vac Power Expansion Transformer (Notifier XRM-24)	102.75	17.62
13852-1034	EA	100 VA, 240Vac Power Expansion Transformer (Notifier XRM-24E)	102.75	17.62
13852-1035		SFP-5UD 5 Zone Control Panels <small>(13852-0838)</small>		
13852-1036	EA	Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	1,420.14	352.23



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	13852-1037		SFP-10UD 10 Zone Control Panels And Accessories <small>(13852-0838)</small>		
	13852-1038	EA	10 Zone Conventional Fire Alarm Control Panel (Notifier SFP-10UD).....	1,641.36	352.23
	13852-1039	EA	Four Channel Stand Alone Fire Alarm Communicator (Notifier 411UDAC).....	428.58	52.84
	13852-1040		Notifier Plug-in Smoke Detectors <small>(13852-0838)</small>		
	13852-1041	EA	Conventional Carbon Monoxide Detector (Notifier CO1224).....	175.24	35.22
	13852-1042		i3 Photoelectric Smoke Detectors <small>(13852-0838)</small>		
	13852-1043	EA	Two Wire, i3 Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (Notifier 2WTA-B).....	104.85	26.42
	13852-1044	EA	Four Wire, i3 Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (Notifier 4WTA-B).....	105.62	26.42
	13852-1045	EA	Two Wire, i3 Photoelectric Smoke Detector (Notifier 2W-B).....	101.74	26.42
	13852-1046	EA	Four Wire, i3 Photoelectric Smoke Detector (Notifier 4W-B).....	103.30	26.42
	13852-1047		System Sensor Duct Smoke Detectors <small>(13852-0838)</small>		
	13852-1048	EA	Four Wire Low Profile Photoelectric Duct Smoke Detector (Notifier DH100ACDCLP).....	193.57	17.62
	13852-1049	EA	Weatherproof Four Wire Low Profile Photoelectric Duct Smoke Detector (Notifier DH100ACDCLWP).....	256.45	17.62
	13852-1050	EA	4' To 8' Duct Width Sampling Tube (Notifier ST-5).....	48.03	17.62
	13852-1051		System Detector Accessories <small>(13852-0838)</small>		
	13852-1052	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS451Key).....	101.98	17.62
	13852-1053		NBG-12 Series Pull Stations <small>(13852-0838)</small>		
	13852-1054	EA	Key Lock Dual Action Fire Alarm Pull Stations (Notifier NBG-12L).....	99.95	35.22
	13852-1055	EA	Outdoor Key Lock Dual Action Fire Alarm Pull Stations (Notifier NBG-12LOB).....	178.35	35.22
	13852-1056	EA	Metal Surface Mount Backbox For Pullbox (Notifier SB-10).....	39.81	14.09
	13852-1057	EA	Plastic Surface Mount Backbox For Pullbox (Notifier SB-I/O).....	40.59	14.09
	13852-1058		Heat Detectors <small>(13852-0838)</small>		
	13852-1059	EA	Single Circuit 135 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5601P).....	66.04	26.42
	13852-1060	EA	Single Circuit 194 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5602).....	66.04	26.42
	13852-1061	EA	Dual Circuit 135 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5621).....	80.01	26.42
	13852-1062	EA	Dual Circuit 194 Degree F Fixed And Rate-Of-Rise Heat Detector (Notifier 5622).....	80.01	26.42
	13852-1063		Rate Compensation Heat Detectors <small>(13852-0838)</small>		
	13852-1064	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Notifier 302-EPM-135).....	116.49	26.42
	13852-1065	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Notifier 302-EPM-194).....	116.49	26.42
	13852-1066		Stopper Pull Station Covers <small>(13852-0838)</small>		
	13852-1067	EA	Pull Station Polycarbonate Cover, Semi Flush (STI-1200).....	92.66	17.62
	13852-1068	EA	Pull Station Polycarbonate Cover With Spacer (STI-1230).....	109.74	17.62
	13852-1069	EA	Horn Strobe Polycarbonate Cover With Spacer (STI-1210D).....	85.68	17.62
	13852-1070	EA	Horn Strobe Polycarbonate Cover, Semi Flush (STI-1210E).....	77.14	17.62
	13852-1071	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D).....	85.68	17.62
	13852-1072	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E).....	77.14	17.62
	13852-1073		SpectrAlert Advance Horns <small>(13852-0838)</small>		
	13852-1074	EA	Interior Wall Mounted Horn (Notifier HR).....	84.67	26.42
	13852-1075	EA	Outdoor Wall Mounted Horn (Notifier HRK).....	99.41	26.42
	13852-1076		SpectrAlert Advance Four Wire Wall Mounted Horn/Strobes <small>(13852-0838)</small>		
	13852-1077	EA	Interior Four Wire Wall Mounted Multi-Candela Horn/Strobe (Notifier P4R).....	120.37	26.42
	13852-1078	EA	Outdoor Four Wire Wall Mounted Multi-Candela Horn/Strobe (Notifier P4RK).....	133.57	26.42
	13852-1079	EA	Interior Four Wire Wall Mounted High-Candela Horn/Strobe (Notifier P4RH).....	124.25	26.42
	13852-1080	EA	Outdoor Four Wire Wall Mounted High-Candela Horn/Strobe (Notifier P4RHK).....	139.78	26.42
	13852-1081		SpectrAlert Advance Four Wire Ceiling Mounted Horn/Strobes <small>(13852-0838)</small>		
	13852-1082	EA	Interior Multi-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4R).....	120.37	26.42
	13852-1083	EA	Outdoor Multi-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4RK).....	133.57	26.42
	13852-1084	EA	Interior High-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4RH).....	124.25	26.42
	13852-1085	EA	Outdoor High-Candela Four Wire Ceiling Mounted Horn/Strobe (Notifier PC4RHK).....	137.45	26.42
	13852-1086		SpectrAlert Advance Wall Mounted Strobes <small>(13852-0838)</small>		
	13852-1087	EA	Interior Multi-Candela Wall Mounted Strobe (Notifier SR).....	99.41	26.42
	13852-1088	EA	Outdoor Multi-Candela Wall Mounted Strobe (Notifier SRK).....	121.15	26.42
	13852-1089	EA	Interior High-Candela Wall Mounted Strobe (Notifier SRH).....	110.28	26.42
	13852-1090	EA	Outdoor High-Candela Wall Mounted Strobe (Notifier SRHK).....	122.70	26.42

13000 Special Construction**13850 Detection And Alarm****13852 Fire Alarm And Detection**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13852-1091 SpectrAlert Advance Ceiling Mounted Strobes (13852-0838)				
13852-1092	EA	Interior Multi-Candela Ceiling Mounted Strobe (Notifier SCR)	99.41	26.42
13852-1093	EA	Outdoor Multi-Candela Ceiling Mounted Strobe (Notifier SCRK)	121.15	26.42
13852-1094	EA	Interior High-Candela Ceiling Mounted Strobe (Notifier SCRH)	110.28	26.42
13852-1095	EA	Outdoor High-Candela Ceiling Mounted Strobe (Notifier SCRHK)	122.70	26.42
13852-1096 System Sensor SpectrAlert Advance Wall Mounted Speakers (13852-0838)				
13852-1097	EA	Wall Mounted Speaker (Notifier SPR)	81.56	26.42
13852-1098	EA	High dB Wall Mounted Speaker (Notifier SPRV)	81.56	26.42
13852-1099	EA	Selectable Candela Wall Mounted Speaker/Strobe (Notifier SPSR)	128.91	26.42
13852-1100	EA	High-Candela Wall Mounted Speaker/Strobe (Notifier SPSRH)	136.67	26.42
13852-1101	EA	High dB Wall Mounted Speaker/Strobe (Notifier SPSRV)	128.91	26.42
13852-1102	EA	Outdoor Selectable Candela Wall Mounted Speaker/Strobe (Notifier SPSRK)	161.51	26.42
13852-1103 System Sensor SpectrAlert Advance Ceiling Mounted Speakers (13852-0838)				
13852-1104	EA	Ceiling Mounted Speaker (Notifier SPCR)	81.56	26.42
13852-1105	EA	High dB Ceiling Mounted Speaker (Notifier SPCR)	81.56	26.42
13852-1106	EA	Outdoor Ceiling Mounted Speaker (Notifier SPCRK)	114.16	26.42
13852-1107	EA	Selectable Candela Ceiling Mounted Speaker/Strobe (Notifier SPSCR)	128.91	26.42
13852-1108	EA	High-Candela Ceiling Mounted Speaker/Strobe (Notifier SPSCRH)	136.67	26.42
13852-1109	EA	High dB Ceiling Mounted Speaker/Strobe (Notifier SPSCRV)	128.91	26.42
13852-1110	EA	High-Candela/High dB Ceiling Mounted Speaker/Strobe (Notifier SPSCRVH)	136.67	26.42
13852-1111 SpectrAlert Advance Accessories (13852-0838)				
13852-1112	EA	Wall Mounted Backbox Skirt (Notifier BBS-2)	18.72	5.28
13852-1113	EA	Ceiling Mounted Backbox Skirt (Notifier BBSC-2)	22.21	5.28
13852-1114 System Sensor Electric Alarm Bell (13852-0838)				
13852-1115	EA	10" Alarm Bell (Notifier SSM24-10)	104.07	26.42
13852-1116 FM Series Door Releases (13852-0838)				
13852-1117	EA	1/2" Door Holder Spacer (Notifier FM900-50)	19.11	5.28
13852-1118	EA	3/4" Door Holder Spacer (Notifier FM900-75)	19.11	5.28
13852-1119	EA	1" Door Holder Spacer (Notifier FM900-100)	19.11	5.28
13852-1120	EA	Door Holder Extension Kit (Notifier FM900)	20.66	5.28
13852-1121	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	20.66	5.28
13852-1122	EA	Floor Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Notifier FM980)	142.11	26.42
13852-1123	EA	Surface Mount Door Holder, 12Vdc, 24Vac/DC Or 120Vac (Notifier FM996)	123.48	26.42
13852-1124	EA	Recessed Mount Door Holder With Concealed Wiring, 12Vdc, 24Vac/DC Or 120Vac (Notifier FM998)	123.48	26.42
13852-1125 Fire Alarm Terminal Cabinets (13852)				
13852-1126	EA	18 Point Lockable Fire Alarm Terminal Cabinet	128.81	35.29
13852-1127	EA	32 Point Lockable Fire Alarm Terminal Cabinet	163.76	35.29
13852-1128	EA	64 Point Lockable Fire Alarm Terminal Cabinet	233.65	35.29
13852-1129	EA	128 Point Lockable Fire Alarm Terminal Cabinet	303.52	35.29
13900 Fire Suppression (13000)				
13910 Sprinkler Equipment (13900)				
13910-0001 Sprinkler Equipment (13910)				
See CSI section 15101-0044 for OS&Y gate valves.				
13910-0002 Sprinkler Heads (13910-0001)				
13910-0003	EA	Pendant Brass Sprinkler Heads With Escutcheon	47.65	19.11
13MOD-0005 For Chrome, Add			1.42	
13910-0004	EA	Upright Brass Sprinkler Heads	42.15	19.11
13MOD-0005 For Chrome, Add			0.59	
13910-0005	EA	Sidewall, Vertical, Brass Sprinkler Heads	43.04	19.11
13MOD-0005 For Chrome, Add			0.72	
13910-0006	EA	Sidewall, Horizontal, Brass Sprinkler Heads	42.11	19.11
13MOD-0005 For Chrome, Add			0.59	
13910-0007	EA	Nipple, Adjustable, Fire Sprinkler System	65.23	7.11
13910-0008 Alarm Valves (13910-0001)				
Note: Includes trim, pressure switch and retard chamber.				
13910-0009 Wet Pipe Alarm Valves (13910-0008)				
13910-0010	EA	2" Alarm Valve - Wet System	1,254.16	593.31
13910-0011	EA	3" Alarm Valve - Wet System	1,689.28	809.90



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13910-0012	EA 4" Alarm Valve - Wet System.....	2,635.47	1,133.87
13910-0013	EA 6" Alarm Valve - Wet System.....	3,029.62	1,339.71
13910-0014	EA 8" Alarm Valve - Wet System.....	4,150.88	1,473.68
13910-0015	Dry Pipe Alarm Valves (13910-0008)		
13910-0016	EA 2" Alarm Valve - Dry System	1,285.80	593.31
13910-0017	EA 3" Alarm Valve - Dry System	1,729.08	809.90
13910-0018	EA 4" Alarm Valve - Dry System	3,061.87	1,133.87
13910-0019	EA 6" Alarm Valve - Dry System	3,845.37	1,339.71
13910-0020	EA 8" Alarm Valve - Dry System	4,712.60	1,473.68
13910-0021	Dry Sprinkler Heads, 3/4" Or 1" NPT (13910-0001)		
13910-0022	EA Dry Pendant Head, Up To 4-3/4" Length	77.93	25.14
13910-0023	EA Dry Pendant Head, >4-3/4" To 6-3/4" Length	77.93	25.14
13910-0024	EA Dry Pendant Head, >6-3/4" To 8-3/4" Length	79.09	25.14
13910-0025	EA Dry Pendant Head, >8-3/4" To 10-3/4" Length	80.84	25.14
13910-0026	EA Dry Pendant Head, >10-3/4" To 12-3/4" Length	80.84	25.14
13910-0027	EA Dry Pendant Head, >12-3/4" To 14-3/4" Length	84.92	25.14
13910-0028	EA Dry Pendant Head, >14-3/4" To 16-3/4" Length	84.92	25.14
13910-0029	EA Dry Pendant Head, >16-3/4" To 18-3/4" Length	89.01	25.14
13910-0030	EA Dry Pendant Head, >18-3/4" To 20-3/4" Length	89.01	25.14
13910-0031	EA Dry Pendant Head, >20-3/4" To 22-3/4" Length	90.17	25.14
13910-0032	EA Dry Pendant Head, >22-3/4" To 24-3/4" Length	90.17	25.14
13910-0033	EA Dry Pendant Head, >24-3/4" To 26-3/4" Length	91.34	25.14
13910-0034	EA Dry Pendant Head, >26-3/4" To 28-3/4" Length	93.67	25.14
13910-0035	Relocate Sprinkler Head And Branch Piping (13910-0001)		
	Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.		
13910-0036	EA Relocate Existing Sprinkler Head And Branch Piping.....	45.86	
	Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.		
13910-0037	Flexible Sprinkler Piping (13910-0001)		
	Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
13910-0038	EA 2' Long Stainless Steel Flexible Sprinkler Head	48.44	11.84
	Note: Includes ceiling mounting bracket		
13910-0039	EA 3' Long Stainless Steel Flexible Sprinkler Head	53.44	12.22
	Note: Includes ceiling mounting bracket		
13910-0040	EA 4' Long Stainless Steel Flexible Sprinkler Head	58.56	12.99
	Note: Includes ceiling mounting bracket		
13910-0041	EA 5' Long Stainless Steel Flexible Sprinkler Head	63.86	13.75
	Note: Includes ceiling mounting bracket		
13910-0042	EA 6' Long Stainless Steel Flexible Sprinkler Head	69.35	15.29
	Note: Includes ceiling mounting bracket		
13910-0043	Sprinkler Upgrades (13910)		
13910-0044	LF Bleed Existing Lines Of Water	0.33	
13910-0045	LF Refill Existing Lines With Water	0.40	
13910-0046	CPVC Fire Sprinkler Pipe (13910)		
	Note: SDR 13.5		
13910-0047	Schedule 40 CPVC Fire Sprinkler Pipe (13910-0046)		
13910-0048	LF 3/4" Schedule 40 CPVC Fire Sprinkler Pipe	3.79	1.22
13910-0049	LF 1" Schedule 40 CPVC Fire Sprinkler Pipe	4.42	1.30
13910-0050	LF 1-1/4" Schedule 40 CPVC Fire Sprinkler Pipe	5.39	1.45
13910-0051	LF 1-1/2" Schedule 40 CPVC Fire Sprinkler Pipe	6.46	1.60
13910-0052	LF 2" Schedule 40 CPVC Fire Sprinkler Pipe	8.08	1.75
13910-0053	LF 2-1/2" Schedule 40 CPVC Fire Sprinkler Pipe	10.73	1.99
13910-0054	LF 3" Schedule 40 CPVC Fire Sprinkler Pipe	14.62	2.37
13910-0055	CPVC 90 Degree Elbows, Fire Sprinkler Piping (13910-0046)		
13910-0056	EA 3/4" Schedule 40 CPVC 90 Degree Elbow, Fire Sprinkler Piping	19.31	7.34
13910-0057	EA 1" Schedule 40 CPVC 90 Degree Elbow, Fire Sprinkler Piping	25.11	9.17
13910-0058	EA 1-1/4" Schedule 40 CPVC 90 Degree Elbow, Fire Sprinkler Piping	31.39	11.47
13910-0059	EA 1-1/2" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	35.56	12.69
13910-0060	EA 2" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	40.16	14.22
13910-0061	EA 2-1/2" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	49.37	16.12
13910-0062	EA 3" Schedule 80 CPVC 90 Degree Elbow, Fire Sprinkler Piping	59.95	19.11
13910-0063	CPVC 45 Degree Elbows, Fire Sprinkler Piping (13910-0046)		
13910-0064	EA 3/4" Schedule 40 CPVC 45 Degree Elbow, Fire Sprinkler Piping	19.65	7.34
13910-0065	EA 1" Schedule 40 CPVC 45 Degree Elbow, Fire Sprinkler Piping	24.56	9.17
13910-0066	EA 1-1/4" Schedule 40 CPVC 45 Degree Elbow, Fire Sprinkler Piping	30.98	11.47

13000 Special Construction**13900 Fire Suppression****13910 Sprinkler Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13910-0067	EA	1-1/2" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	34.90	12.69
13910-0068	EA	2" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	39.33	14.22
13910-0069	EA	2-1/2" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	47.30	16.12
13910-0070	EA	3" Schedule 80 CPVC 45 Degree Elbow, Fire Sprinkler Piping	57.67	19.11
13910-0071		CPVC Tees, Fire Sprinkler Piping (13910-0046)		
13910-0072	EA	3/4" Schedule 40 CPVC Tee, Fire Sprinkler Piping	28.82	11.00
13910-0073	EA	1" Schedule 40 CPVC Tee, Fire Sprinkler Piping	37.13	13.84
13910-0074	EA	1-1/4" Schedule 40 CPVC Tee, Fire Sprinkler Piping	47.00	17.27
13910-0075	EA	1-1/2" Schedule 80 CPVC Tee, Fire Sprinkler Piping	53.42	19.11
13910-0076	EA	2" Schedule 80 CPVC Tee, Fire Sprinkler Piping	61.69	21.24
13910-0077	EA	2-1/2" Schedule 80 CPVC Tee, Fire Sprinkler Piping	74.34	24.22
13910-0078	EA	3" Schedule 80 CPVC Tee, Fire Sprinkler Piping	87.83	28.58
13910-0079		CPVC Reducing Tees, Fire Sprinkler Piping (13910-0046)		
13910-0080	EA	1" Schedule 40 CPVC Reducing Tee, Fire Sprinkler Piping	34.38	12.92
13910-0081	EA	1-1/4" Schedule 40 CPVC Reducing Tee, Fire Sprinkler Piping	44.25	16.12
13910-0082	EA	1-1/2" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	49.38	17.81
13910-0083	EA	2" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	57.48	19.87
13910-0084	EA	2-1/2" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	67.22	22.62
13910-0085	EA	3" Schedule 80 CPVC Reducing Tee, Fire Sprinkler Piping	79.20	26.67
13910-0086		CPVC Crosses, Fire Sprinkler Piping (13910-0046)		
13910-0087	EA	3/4" Schedule 40 CPVC Cross, Fire Sprinkler Piping	38.75	14.67
13910-0088	EA	1" Schedule 40 CPVC Cross, Fire Sprinkler Piping	48.59	18.42
13910-0089	EA	1-1/4" Schedule 40 CPVC Cross, Fire Sprinkler Piping	61.06	23.00
13910-0090	EA	1-1/2" Schedule 80 CPVC Cross, Fire Sprinkler Piping	68.48	25.44
13910-0091	EA	2" Schedule 80 CPVC Cross, Fire Sprinkler Piping	79.00	28.36
13910-0092	EA	2-1/2" Schedule 80 CPVC Cross, Fire Sprinkler Piping	98.31	32.24
13910-0093		CPVC Couplings, Fire Sprinkler Piping (13910-0046)		
13910-0094	EA	3/4" Schedule 40 CPVC Coupling, Fire Sprinkler Piping	13.15	4.89
13910-0095	EA	1" Schedule 40 CPVC Coupling, Fire Sprinkler Piping	17.63	6.57
13910-0096	EA	1-1/4" Schedule 40 CPVC Coupling, Fire Sprinkler Piping	23.32	8.64
13910-0097	EA	1-1/2" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	26.36	9.55
13910-0098	EA	2" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	30.01	10.62
13910-0099	EA	2-1/2" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	35.48	12.07
13910-0100	EA	3" Schedule 80 CPVC Coupling, Fire Sprinkler Piping	42.57	14.29
13910-0101		CPVC Caps, Fire Sprinkler Piping (13910-0046)		
13910-0102	EA	3/4" Schedule 40 CPVC Cap, Fire Sprinkler Piping	6.68	10.92
13910-0103	EA	1" Schedule 40 CPVC Cap, Fire Sprinkler Piping	10.64	3.97
13910-0104	EA	1-1/4" Schedule 40 CPVC Cap, Fire Sprinkler Piping	12.05	4.28
13910-0105	EA	1-1/2" Schedule 80 CPVC Cap, Fire Sprinkler Piping	13.69	4.74
13910-0106	EA	2" Schedule 80 CPVC Cap, Fire Sprinkler Piping	15.96	5.35
13910-0107	EA	2-1/2" Schedule 80 CPVC Cap, Fire Sprinkler Piping	18.98	6.04
13910-0108	EA	3" Schedule 80 CPVC Cap, Fire Sprinkler Piping	24.11	7.18
13910-0109		CPVC Reducer Bushing, Fire Sprinkler Piping (13910-0046)		
13910-0110	EA	1" Schedule 40 CPVC Reducing Bushing, Fire Sprinkler Piping	18.83	7.26
13910-0111	EA	1-1/4" Schedule 40 CPVC Reducing Bushing, Fire Sprinkler Piping	24.87	9.47
13910-0112	EA	1-1/2" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	27.49	10.47
13910-0113	EA	2" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	31.14	11.69
13910-0114	EA	2-1/2" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	36.52	13.30
13910-0115	EA	3" Schedule 80 CPVC Reducing Bushing, Fire Sprinkler Piping	44.20	15.74
13910-0116		CPVC Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping (13910-0046)		
13910-0117	EA	3/4" Schedule 40 CPVC Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	15.87	5.35
13910-0118	EA	1" Schedule 40 CPVC Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	20.67	7.26
13910-0119		CPVC Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping (13910-0046)		
13910-0120	EA	3/4" Schedule 40 CPVC Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	15.87	5.35
13910-0121	EA	1" Schedule 40 CPVC Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	20.67	7.26
13910-0122		CPVC Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping (13910-0046)		
13910-0123	EA	3/4" Schedule 40 CPVC Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	18.76	6.57



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13910-0124	EA	1" Schedule 40 CPVC Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	23.86	8.25
13910-0125	EA	1" Schedule 40 CPVC Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	24.55	8.25
13910-0126		CPVC Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(13910-0046)</small>		
13910-0127	EA	3/4" Schedule 40 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	30.93	11.00
13910-0128	EA	1" Schedule 40 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	38.24	13.84
13910-0129	EA	1-1/4" Schedule 40 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	49.25	17.27
13910-0130	EA	1-1/2" Schedule 80 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	55.80	19.11
13910-0131	EA	2" Schedule 80 CPVC Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	64.59	21.24
13920		Fire Pumps <small>(13900)</small>		
13920-0001		Split Case Fire Pumps <small>(13920)</small>		
13920-0002		Electric-Drive Fire Pumps <small>(13920-0001)</small>		
		Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.		
13920-0003	EA	20 HP Electric Fire Pump.....	28,414.89	1,349.76
		13MOD-0006 For Duplex Pumping System, Add	27,065.13	
13920-0004	EA	30 HP Electric Fire Pump.....	33,079.86	1,518.49
		13MOD-0006 For Duplex Pumping System, Add	31,673.85	
13920-0005	EA	40 HP Electric Fire Pump.....	44,958.05	1,687.21
		13MOD-0006 For Duplex Pumping System, Add	43,395.83	
13920-0006	EA	50 HP Electric Fire Pump.....	55,767.89	2,045.55
		13MOD-0006 For Duplex Pumping System, Add	53,722.35	
13920-0007	EA	75 HP Electric Fire Pump.....	62,230.29	2,231.51
		13MOD-0006 For Duplex Pumping System, Add	59,998.79	
13920-0008		Diesel-Drive Fire Pumps <small>(13920-0001)</small>		
		Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.		
13920-0009	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	40,647.26	1,673.63
13920-0010	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	45,964.18	1,859.59
13920-0011	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	48,341.09	2,045.55
13920-0012	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	54,963.01	2,231.51
13920-0013	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	58,456.91	2,603.43
13920-0014	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	63,194.52	3,347.26
13920-0015	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	68,638.35	3,719.18
13920-0016	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	78,479.80	4,239.86
13920-0017	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	93,749.27	4,574.59
13920-0018	EA	350 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	109,913.54	5,206.85
13920-0019	EA	400 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	130,157.54	5,578.77
13920-0020	EA	500 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	146,401.37	5,950.68
13920-0021		Jockey Pumps <small>(13920-0001)</small>		
		Note: Includes pump and controller.		
13920-0022	EA	Jockey Pump And Controller.....	3,791.92	371.92
13930		Wet Automatic Sprinkler Systems <small>(13900)</small>		
13930-0001		Complete Sprinkler System Costs <small>(13930)</small>		
		Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
13930-0002		Light Hazard, Prices Per Head <small>(13930-0001)</small>		
13930-0003	EA	Exposed Piping, Wet Automatic Sprinkler System, Light Hazard.....	313.33	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		13MOD-0007 For Copper Pipe, Add	37.20	
		13MOD-0008 For PVC Pipe, Deduct	-52.87	
		13MOD-0009 For Up To 5, Add	144.93	
		13MOD-0010 For > 5 To 10, Add	92.07	
		13MOD-0011 For > 10 To 20, Add	60.73	
		13MOD-0012 For > 20 To 40, Add	25.47	
		13MOD-0013 For > 100 To 150, Deduct	-31.33	
		13MOD-0014 For > 150, Deduct	-62.67	

13000 Special Construction
13900 Fire Suppression
13930 Wet Automatic Sprinkler Systems



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13930-0004 EA Concealed Piping, Wet Automatic Sprinkler System, Light Hazard .....415.54 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
13MOD-0007 For Copper Pipe, Add	47.90	
13MOD-0008 For PVC Pipe, Deduct	-68.68	
13MOD-0009 For Up To 5, Add	195.08	
13MOD-0010 For > 5 To 10, Add	126.40	
13MOD-0011 For > 10 To 20, Add	84.85	
13MOD-0012 For > 20 To 40, Add	35.21	
13MOD-0013 For > 100 To 150, Deduct	-41.55	
13MOD-0014 For > 150, Deduct	-83.11	
13930-0005 Ordinary Hazard, Prices Per Head (13930-0001)		
13930-0006 EA Exposed Piping, Wet Automatic Sprinkler System, Ordinary Hazard.....312.07 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
13MOD-0007 For Copper Pipe, Add	37.13	
13MOD-0008 For PVC Pipe, Deduct	-52.73	
13MOD-0009 For Up To 5, Add	144.19	
13MOD-0010 For > 5 To 10, Add	91.46	
13MOD-0011 For > 10 To 20, Add	60.25	
13MOD-0012 For > 20 To 40, Add	25.29	
13MOD-0013 For > 100 To 150, Deduct	-31.21	
13MOD-0014 For > 150, Deduct	-62.41	
13930-0007 EA Concealed Piping, Wet Automatic Sprinkler System, Ordinary Hazard .....411.81 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
13MOD-0007 For Copper Pipe, Add	47.53	
13MOD-0008 For PVC Pipe, Deduct	-68.12	
13MOD-0009 For Up To 5, Add	193.21	
13MOD-0010 For > 5 To 10, Add	125.08	
13MOD-0011 For > 10 To 20, Add	83.90	
13MOD-0012 For > 20 To 40, Add	34.83	
13MOD-0013 For > 100 To 150, Deduct	-41.18	
13MOD-0014 For > 150, Deduct	-82.36	
13930-0008 Extra Hazard, Prices Per Head (13930-0001)		
13930-0009 EA Exposed Piping, Wet Automatic Sprinkler System, Extra Hazard.....288.81 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
13MOD-0007 For Copper Pipe, Add	34.30	
13MOD-0008 For PVC Pipe, Deduct	-48.74	
13MOD-0009 For Up To 5, Add	133.56	
13MOD-0010 For > 5 To 10, Add	84.81	
13MOD-0011 For > 10 To 20, Add	55.93	
13MOD-0012 For > 20 To 40, Add	23.46	
13MOD-0013 For > 100 To 150, Deduct	-28.88	
13MOD-0014 For > 150, Deduct	-57.76	
13930-0010 EA Concealed Piping, Wet Automatic Sprinkler System, Extra Hazard.....381.84 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
13MOD-0007 For Copper Pipe, Add	44.01	
13MOD-0008 For PVC Pipe, Deduct	-63.10	
13MOD-0009 For Up To 5, Add	179.27	
13MOD-0010 For > 5 To 10, Add	116.17	
13MOD-0011 For > 10 To 20, Add	77.98	
13MOD-0012 For > 20 To 40, Add	32.36	
13MOD-0013 For > 100 To 150, Deduct	-38.18	
13MOD-0014 For > 150, Deduct	-76.37	
13935 Dry Automatic Sprinkler Systems (13900)		
13935-0001 Complete Sprinkler System Costs (13925) Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
13935-0002 Light Hazard, Prices Per Head (13935-0001)		
13935-0003 EA Exposed Piping, Dry Automatic Sprinkler System, Light Hazard .....339.90 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
13MOD-0015 For Up To 5, Add	157.42	
13MOD-0016 For > 5 To 10, Add	87.64	
13MOD-0017 For > 10 To 20, Add	66.18	
13MOD-0018 For > 20 To 40, Add	27.72	
13MOD-0019 For > 100 To 150, Deduct	-33.99	
13MOD-0020 For > 150, Deduct	-67.98	
13MOD-0021 For Copper Pipe, Add	40.26	
13MOD-0022 For PVC Pipe, Deduct	-57.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13935-0004 EA Concealed Piping, Dry Automatic Sprinkler System, Light Hazard.....	427.62	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
13MOD-0015 For Up To 5, Add	200.16	
13MOD-0016 For > 5 To 10, Add	115.53	
13MOD-0017 For > 10 To 20, Add	86.42	
13MOD-0018 For > 20 To 40, Add	35.93	
13MOD-0019 For > 100 To 150, Deduct	-42.76	
13MOD-0020 For > 150, Deduct	-85.52	
13MOD-0021 For Copper Pipe, Add	49.59	
13MOD-0022 For PVC Pipe, Deduct	-70.97	
13935-0005 Ordinary Hazard, Prices Per Head <small>(13935-0001)</small>		
13935-0006 EA Exposed Piping, Dry Automatic Sprinkler System, Ordinary Hazard.....	344.57	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
13MOD-0015 For Up To 5, Add	159.02	
13MOD-0016 For > 5 To 10, Add	87.43	
13MOD-0017 For > 10 To 20, Add	66.24	
13MOD-0018 For > 20 To 40, Add	27.82	
13MOD-0019 For > 100 To 150, Deduct	-34.46	
13MOD-0020 For > 150, Deduct	-68.91	
13MOD-0021 For Copper Pipe, Add	41.09	
13MOD-0022 For PVC Pipe, Deduct	-58.32	
13935-0007 EA Concealed Piping, Dry Automatic Sprinkler System, Ordinary Hazard.....	430.17	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
13MOD-0015 For Up To 5, Add	200.83	
13MOD-0016 For > 5 To 10, Add	114.91	
13MOD-0017 For > 10 To 20, Add	86.15	
13MOD-0018 For > 20 To 40, Add	35.89	
13MOD-0019 For > 100 To 150, Deduct	-43.02	
13MOD-0020 For > 150, Deduct	-86.03	
13MOD-0021 For Copper Pipe, Add	50.15	
13MOD-0022 For PVC Pipe, Deduct	-71.66	
13935-0008 Extra Hazard, Prices Per Head <small>(13935-0001)</small>		
13935-0009 EA Exposed Piping, Dry Automatic Sprinkler System, Extra Hazard.....	323.16	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
13MOD-0015 For Up To 5, Add	149.01	
13MOD-0016 For > 5 To 10, Add	81.68	
13MOD-0017 For > 10 To 20, Add	61.94	
13MOD-0018 For > 20 To 40, Add	26.03	
13MOD-0019 For > 100 To 150, Deduct	-32.32	
13MOD-0020 For > 150, Deduct	-64.63	
13MOD-0021 For Copper Pipe, Add	38.60	
13MOD-0022 For PVC Pipe, Deduct	-54.76	
13935-0010 EA Concealed Piping, Dry Automatic Sprinkler System, Extra Hazard.....	400.47	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
13MOD-0015 For Up To 5, Add	186.97	
13MOD-0016 For > 5 To 10, Add	107.01	
13MOD-0017 For > 10 To 20, Add	80.22	
13MOD-0018 For > 20 To 40, Add	33.42	
13MOD-0019 For > 100 To 150, Deduct	-40.05	
13MOD-0020 For > 150, Deduct	-80.09	
13MOD-0021 For Copper Pipe, Add	46.68	
13MOD-0022 For PVC Pipe, Deduct	-66.70	
13935-0011 Equipment <small>(13935-0001)</small>		
13935-0012 EA Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge.....	1,269.04	207.19
13935-0013 EA Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge.....	1,320.07	207.19
13935-0014 EA Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge.....	1,363.12	207.19
13935-0015 EA Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge.....	1,530.55	207.19

13940 Pre-Action Sprinkler System (13900)

13940-0001 Complete Sprinkler System Costs (13940)

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

13940-0002 Ordinary Hazard, Prices Per Head (13940-0001)

13940-0003 EA Exposed Piping Warehouse, Pre-Action Sprinkler System, Ordinary Hazard.....	326.07	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
13MOD-0023 For Up To 5, Add	151.62	
13MOD-0024 For > 5 To 10, Add	97.00	
13MOD-0025 For > 10 To 20, Add	64.39	
13MOD-0026 For > 20 To 40, Add	26.90	
13MOD-0027 For > 100 To 150, Deduct	-32.61	
13MOD-0028 For > 150, Deduct	-65.21	

13000 Special Construction**13900 Fire Suppression****13940 Pre-Action Sprinkler System**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13940-0004		Extra Hazard, Prices Per Head <small>(13940-0001)</small>		
13940-0005	EA	Exposed Piping Warehouse, Pre-Action Sprinkler System, Extra Hazard	303.60	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	13MOD-0023	For Up To 5, Add	141.19	
	13MOD-0024	For > 5 To 10, Add	90.34	
	13MOD-0025	For > 10 To 20, Add	59.98	
	13MOD-0026	For > 20 To 40, Add	25.05	
	13MOD-0027	For > 100 To 150, Deduct	-30.36	
	13MOD-0028	For > 150, Deduct	-60.72	
13950		Deluge Automatic Sprinkler Systems <small>(13900)</small>		
13950-0001		Deluge Sprinkler Equipment <small>(13950)</small>		
		See CSI section 15061-0000 for pipe and fittings.		
13950-0002		Nozzles <small>(13950-0001)</small>		
13950-0003	EA	3/8" Auto Deluge Sprinkler Nozzle	70.11	32.78
13950-0004	EA	1/2" Pendant Deluge Spring Nozzle With Open Head	70.11	32.78
13950-0005	EA	1/2" Pendant Deluge Spring Nozzle Open Head With Canopy	70.11	32.78
13950-0006		Deluge Valves With Required Trim And Release Equipment <small>(13950-0001)</small>		
13950-0007	EA	3" Deluge Valve With Trim And Release Equipment	3,612.70	424.58
13950-0008	EA	4" Deluge Valve With Trim And Release Equipment	4,136.84	477.61
13950-0009	EA	6" Deluge Valve With Trim And Release Equipment	5,192.48	694.72
13955		Foam Fire Protection Systems <small>(13900)</small>		
13955-0001		Foam Control Valves And Monitors <small>(13955)</small>		
13955-0002		Control Valves <small>(13955-0001)</small>		
13955-0003	EA	3" Foam Control Valve	1,851.81	424.58
13955-0004		Supply Valves <small>(13955-0001)</small>		
13955-0005	EA	2-1/2" Foam Supply Valve	1,735.12	477.61
13955-0006		Proportioners <small>(13955-0001)</small>		
13955-0007	EA	8" Foam Proportioner	1,638.74	694.72
13955-0008		Monitors <small>(13955-0001)</small>		
13955-0009	EA	Oscillating Foam Monitor	1,684.49	95.53
13960		Carbon Dioxide Equipment <small>(13900)</small>		
13960-0001		Carbon Dioxide Equipment <small>(13960)</small>		
13960-0002		Carbon Dioxide Cylinders <small>(13960-0001)</small>		
13960-0003	EA	Carbon Dioxide Simplex Cylinder, 75#	832.03	136.55
13960-0004	EA	Carbon Dioxide Duplex Cylinder, 75# (Each)	1,664.08	273.09
13960-0005	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	159.68	74.82
13960-0006	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	64.35	24.95
13960-0007	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	19.00	10.12
13965		Clean Agent Fire Extinguishing Systems <small>(13900)</small>		
		See CSI section 15061-0000 for pipe and fittings.		
13965-0001		Ansul Fire Control Systems <small>(13965)</small>		
13965-0002		Inergen® Fire Suppression System <small>(13965-0001)</small>		
13965-0003		Actuation Attachments, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0004	EA	Pilot Valve Actuation Adaptor, Inergen® Fire Suppression System (Ansul 873236)	3.84	0.47
13965-0005	EA	Male Elbow For Actuation Hose, Inergen® Fire Suppression System (Ansul 831810)	6.12	0.71
13965-0006	EA	Male Elbow For Pilot Valve Actuation Adaptor, Inergen® Fire Suppression System (Ansul 832334)	7.34	0.92
13965-0007	EA	Male Straight Adaptor, Inergen® Fire Suppression System (Ansul 832338)	8.28	1.05
13965-0008	EA	1/8" x 1/4" x 1/4", Flared Tee For Actuation Hose, Inergen® Fire Suppression System (Ansul 4860)	17.91	0.63
13965-0009	EA	Current Limiter Module For CV98 Actuator, Inergen® Fire Suppression System (Ansul 427354)	36.79	4.60
13965-0010	EA	Actuator, Connecting Link For CV98 Valve, Inergen® Fire Suppression System (Ansul 842514)	44.59	5.53
13965-0011	EA	16" Stainless Steel Braided Actuation Hose, Inergen® Fire Suppression System (Ansul 831809)	60.06	7.55
13965-0012	EA	20" Stainless Steel Braided Actuation Hose, Inergen® Fire Suppression System (Ansul 832335)	60.06	8.06
13965-0013	EA	24" Stainless Steel Braided Actuation Hose, Inergen® Fire Suppression System (Ansul 832336)	60.06	7.55
13965-0014	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	122.42	15.38



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0015	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	132.83	16.52
13965-0016	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309).....	238.82	29.92
13965-0017	EA	Electric Actuator For CV98 Valve, Inergen® Fire Suppression System (Ansul 423684)	512.26	64.04
		Note: Includes current limiter module.		
13965-0018	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	544.89	68.13
13965-0019		Check Valves, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0020	EA	1/4" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 853051).....	54.56	11.57
13965-0021	EA	1/2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840860).....	156.03	16.19
13965-0022	EA	3/4" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840852).....	241.14	21.59
13965-0023	EA	1" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 841470).....	514.15	26.84
13965-0024	EA	1-1/4" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 841549).....	644.07	33.92
13965-0025	EA	1-1/2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 841463).....	752.96	39.59
13965-0026	EA	2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840649).....	1,269.60	46.07
13965-0027	EA	2-1/2" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840656).....	2,007.66	67.31
13965-0028	EA	3" NPT, Bronze Check Valve, Inergen® Fire Suppression System (Ansul 840665).....	3,389.80	77.90
13965-0029	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794).....	1,414.75	107.78
13965-0030	EA	2-1/2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 846095).....	2,918.66	135.09
13965-0031	EA	3" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840672).....	3,548.32	163.23
13965-0032		Components, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0033	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378).....	37.72	4.71
13965-0034	EA	Header Vent Plug, Inergen® Fire Suppression System (Ansul 840309).....	55.44	6.94
13965-0035	EA	Pressure Trip With Manual Pull, Inergen® Fire Suppression System (Ansul 805156).....	112.90	14.11
13965-0036	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700).....	403.98	50.51
13965-0037	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169).....	1,265.08	158.06
13965-0038	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170).....	1,288.46	161.03
13965-0039		Cylinders, Inergen® Fire Suppression System <small>(13965-0002)</small>		
		Note: Includes CV98 valve.		
13965-0040	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147).....	1,157.95	144.67
13965-0041	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148).....	1,312.73	163.90
13965-0042	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620).....	1,700.25	212.39
13965-0043	EA	425 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426594).....	1,880.74	234.98
13965-0044	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150).....	1,880.74	259.53
13965-0045	EA	200 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426256).....	1,308.11	163.23
13965-0046	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257).....	1,462.90	182.74
13965-0047	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621).....	1,851.56	231.31
13965-0048	EA	425 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426595).....	2,029.73	253.60
13965-0049	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259).....	2,080.54	278.89
13965-0050		Directional And Stop Valves, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0051	EA	Normally Open, Valve Lever For 1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 840248).....	160.28	19.90
13965-0052	EA	Normally Open, Valve Lever For 3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 840267).....	160.28	19.90
13965-0053	EA	Normally Closed, Valve Lever For 1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 840238).....	160.28	19.90
13965-0054	EA	Normally Closed, Valve Lever For 3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 840239).....	160.28	19.90
13965-0055	EA	Valve Sector For 1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 840276).....	282.14	35.00
13965-0056	EA	Valve Sector For 3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 840279).....	302.06	37.43
13965-0057	EA	1/2" Globe Valve, Inergen® Fire Suppression System (Ansul 841451).....	674.58	83.63
		Note: Excludes lever and sector.		
13965-0058	EA	3/4" Globe Valve, Inergen® Fire Suppression System (Ansul 841102).....	723.41	111.96
		Note: Excludes lever and sector.		
13965-0059		Inspection/Maintenance Devices, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0060	EA	0 To 10 Grid Standard Chart Paper For Model 312 Chart Recorder, Inergen® Fire Suppression System (Ansul 417223).....	18.51	2.29
13965-0061	EA	Red Spare Rectangular Body Pens For Model 312 Chart Recorder, Inergen® Fire Suppression System (Ansul 417222).....	35.18	4.36
13965-0062	EA	Blue Spare Rectangular Body Pens For Model 312 Chart Recorder, Inergen® Fire Suppression System (Ansul 417221).....	37.03	4.59
13965-0063	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657).....	42.38	5.26
13965-0064	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181).....	42.38	5.26
13965-0065	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954).....	47.06	5.84
13965-0066	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923).....	811.14	100.38
13965-0067	EA	8 Channel Logger With RS232 Interface Cable, Signalogger-PC, Inergen® Fire Suppression System (Ansul 417750).....	2,538.24	314.15
13965-0068	EA	M-Tek Model 312, 2 Pen 4" Chart Recorder, Bench Mount Cabinet, Inergen® Fire Suppression System (Ansul 417220).....	4,615.35	571.13
13965-0069	EA	O2/CO2 Analyzer, Inergen® Fire Suppression System (Ansul 417219).....	10,566.42	1,306.39
13965-0070		Multiple Cylinder Bracketing, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0071	EA	2 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879638).....	108.85	13.49
13965-0072	EA	3 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879639).....	142.08	17.77



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0073	EA	4 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879640)	189.71	23.60
13965-0074	EA	5 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879641)	229.28	28.65
13965-0075	EA	6 Cylinder Back Frame Assembly, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879642)	274.90	34.40
13965-0076	EA	10-1/2" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873250).....	9.34	1.25
		Note: For single row 200 cubic foot cylinders.		
13965-0077	EA	11" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873251).....	10.02	1.25
		Note: For single row 250 cubic foot cylinders.		
13965-0078	EA	12-1/2" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873252).....	10.02	1.25
		Note: For single row 350 or 425 cubic foot cylinders.		
13965-0079	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502).....	12.37	1.53
		Note: For single row 435 cubic foot cylinders.		
13965-0080	EA	21" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873253).....	25.61	3.18
		Note: For double row 200 cubic foot cylinders.		
13965-0081	EA	22" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873254).....	22.12	2.74
		Note: For double row 250 cubic foot cylinders.		
13965-0082	EA	26" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873255).....	13.40	1.66
		Note: For double row 350 or 425 cubic foot cylinders.		
13965-0083	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503).....	17.69	2.20
		Note: For double row 435 cubic foot cylinders.		
13965-0084	EA	Connector (Bracketing), Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 879413).....	18.27	2.27
		Note: Required to hook together back frames for seven or more cylinders.		
13965-0085	EA	2 Cylinder Clamp, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873091)	43.09	5.34
13965-0086	EA	3 Cylinder Clamp, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 873092)	52.15	6.46
13965-0087		Nameplates, Inergen® Fire Suppression System (13965-0002)		
13965-0088	EA	"Main", Nameplate, Inergen® Fire Suppression System (Ansul 841942)	10.02	1.25
13965-0089	EA	"Reserve", Nameplate, Inergen® Fire Suppression System (Ansul 841943).....	10.02	1.25
13965-0090	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265).....	13.75	1.72
13965-0091	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266).....	13.75	1.72
13965-0092	EA	Pull Cable Actuation Operating Instruction Plate, Nameplate, Inergen® Fire Suppression System (Ansul 841915).....	27.40	3.37
13965-0093		Nozzle Deflector Shields, Inergen® Fire Suppression System (13965-0002)		
13965-0094	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708).....	58.91	7.41
13965-0095	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711).....	62.36	7.76
13965-0096	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	71.61	8.96
13965-0097	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	81.00	10.12
13965-0098	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	93.12	11.63
13965-0099		Nozzles, Inergen® Fire Suppression System (13965-0002)		
13965-0100	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908).....	91.98	11.47
13965-0101	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723).....	94.86	11.80
13965-0102	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362).....	87.36	10.92
13965-0103	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363).....	94.86	11.80
13965-0104	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364).....	103.65	12.98
13965-0105	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365).....	110.60	13.83
13965-0106	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366).....	118.97	14.84
13965-0107	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155).....	207.34	25.96
13965-0108	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	273.74	34.06
13965-0109	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137).....	299.70	37.43
13965-0110	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138).....	107.70	13.48
13965-0111	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139).....	125.89	15.79
13965-0112	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140).....	103.65	12.98
13965-0113	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141).....	110.02	13.76
13965-0114	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142).....	111.18	13.83
13965-0115	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	133.99	16.79
13965-0116	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	145.53	18.21
13965-0117	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144).....	223.51	27.94
13965-0118	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	261.90	32.71
13965-0119	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146).....	286.46	35.75
13965-0120		Pressure Reducers, Inergen® Fire Suppression System (13965-0002)		
13965-0121	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	118.97	14.84
13965-0122	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678).....	147.84	18.48
13965-0123	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	158.52	19.90
13965-0124	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680).....	223.51	27.94
13965-0125	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681).....	244.58	30.62
13965-0126	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682).....	287.61	35.75
13965-0127	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	335.25	41.91
13965-0128	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	397.05	49.58
13965-0129	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	514.58	64.34
13965-0130	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	685.53	85.66
13965-0131	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	781.10	97.66
13965-0132	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847).....	494.65	61.81
13965-0133	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848).....	546.05	68.31



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0134	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849).....	781.10	97.66
13965-0135	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853).....	509.96	63.74
13965-0136	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854).....	568.00	70.99
13965-0137	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855).....	777.63	104.30
13965-0138		Pressure Switches, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0139	EA	DPST With 2-3/4" Outlets, Pressure Switch, Inergen® Fire Suppression System (Ansul 846250).....	299.16	37.40
13965-0140	EA	DPDT, Explosion-Proof And Latching, Pressure Switch, Inergen® Fire Suppression System (Ansul 843241).....	469.24	58.68
13965-0141	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344).....	597.17	74.53
13965-0142		Releasing Device Equipment, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0143	EA	12 Or 24 VDC Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728).....	933.57	115.63
13965-0144	EA	24 VDC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492).....	1,244.29	154.07
13965-0145	EA	120 VAC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525).....	1,266.24	156.73
13965-0146	EA	240 VAC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32526).....	1,531.41	188.18
13965-0147	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310).....	64.11	7.97
13965-0148	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373).....	84.61	10.55
13965-0149	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939).....	681.59	82.49
13965-0150		Replacement Orifice Plates, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0151	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095).....	62.95	7.83
13965-0152	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096).....	66.41	8.25
13965-0153	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097).....	67.57	8.39
13965-0154	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098).....	69.88	8.66
13965-0155	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099).....	76.82	9.51
13965-0156	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100).....	82.73	10.28
13965-0157	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984).....	222.35	27.55
13965-0158	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985).....	224.66	27.82
13965-0159	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986).....	287.61	35.65
13965-0160		Single Cylinder Bracketing, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0161	EA	Strap For 200 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845120).....	48.91	6.07
13965-0162	EA	Strap For 250 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845121).....	48.91	6.07
13965-0163	EA	Strap For 350-425 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845122).....	57.02	7.11
13965-0164	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704).....	103.65	12.98
13965-0165	EA	Channel For 200 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845244).....	54.52	6.75
		Note: Includes fasteners.		
13965-0166	EA	Channel For 250 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845261).....	61.22	7.69
		Note: Includes fasteners.		
13965-0167	EA	Channel For 350-425 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 845245).....	66.98	8.39
		Note: Includes fasteners.		
13965-0168	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705).....	137.25	29.68
		Note: Includes saddle, padding and fasteners.		
13965-0169		Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System <small>(13965-0002)</small>		
13965-0170	EA	2 1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856).....	153.62	19.19
		Note: Includes gasket and fasteners.		
13965-0171	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857).....	229.28	28.65
		Note: Includes gasket and fasteners.		
13965-0172	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858).....	260.75	32.60
		Note: Includes gasket and fasteners.		
13965-0173	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859).....	143.23	17.92
		Note: Includes gasket and fasteners.		
13965-0174	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860).....	167.77	20.91
		Note: Includes gasket and fasteners.		
13965-0175	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861).....	256.13	32.04
		Note: Includes gasket and fasteners.		
13965-0176	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862).....	150.16	18.77
		Note: Includes gasket and fasteners.		
13965-0177	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863).....	174.70	21.88
		Note: Includes gasket and fasteners.		
13965-0178	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864).....	279.52	35.00
		Note: Includes gasket and fasteners.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0179	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828)	11.40	1.42
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
13965-0180	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829)	12.48	1.56
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
13965-0181	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830)	14.89	1.86
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
13965-0182		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System (13965-0002)		
13965-0183	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	18.40	2.28
13965-0184	EA	Left Bracket Foot, Single Or Back-To-Back Row, Inergen® Fire Suppression System (Ansul 873553)	34.71	4.31
13965-0185	EA	Right Bracket Foot, Single Or Back-To-Back Row, Inergen® Fire Suppression System (Ansul 873554)	34.71	4.31
13965-0186	EA	Left Bracket Foot, Double Row, Inergen® Fire Suppression System (Ansul 873555)	50.30	6.23
13965-0187	EA	Right Bracket Foot, Double Row, Inergen® Fire Suppression System (Ansul 873556)	50.30	6.23
13965-0188	EA	Upright, Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 872357)	79.27	9.85
		Note: Center, left side or right side.		
13965-0189	EA	Single Row, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 871683)	80.71	9.93
13965-0190	EA	Double Row, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 871682)	94.72	11.67
13965-0191	EA	Single Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 871684)	94.72	11.67
13965-0192	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	139.76	17.34
13965-0193	EA	85" High, Cylinder Bracketing For 425 CF And LC100# Cylinders, Inergen® Fire Suppression System (Ansul 426592)	110.52	17.34
		Note: Includes upright, left, right and center.		
13965-0194		Autopulse® Fire Detection And Control Equipment (13965-0001)		
13965-0195		Accessory Switches, Autopulse® Fire Detection And Control Equipment (13965-0194)		
13965-0196	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	120.12	14.96
13965-0197	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	137.45	17.06
13965-0198	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	174.70	21.67
13965-0199	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	188.57	23.35
13965-0200	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	236.50	29.36
13965-0201	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	251.51	31.18
13965-0202	EA	Explosion-Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	485.40	60.12
13965-0203	EA	N.O. Contact Block Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76486)	19.92	2.47
13965-0204	EA	N.C. Contact Block Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76485)	22.12	2.74
13965-0205	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	36.09	4.48
13965-0206	EA	Double Gang, Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76492)	24.23	3.01
13965-0207		Alarm Devices, Autopulse® Fire Detection And Control Equipment (13965-0194)		
13965-0208	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	104.82	13.00
13965-0209	EA	Weatherproof, Horn And 117 Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429696)	144.38	17.89
13965-0210	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	153.62	19.01
13965-0211	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	13.98	1.73
13965-0212		Annunciators, Autopulse® Fire Detection And Control Equipment (13965-0194)		
13965-0213	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,218.58	150.86
13965-0214	EA	Annunciator Programming Kit For LCD-80, PK-LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417884)	902.10	111.71
13965-0215	EA	16 Zone Alarm, Annunciator, AFM-16A, Autopulse® Fire Detection And Control Equipment (Ansul 417494)	493.52	60.68
13965-0216	EA	16 Zone Alarm/Trouble, Annunciator, AFM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417495)	608.71	75.36
13965-0217	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,020.79	126.39
13965-0218	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	792.66	98.14
13965-0219	EA	32 Zone, Alarm Annunciator, AFM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417498)	521.50	64.60
13965-0220	EA	32 Zone, Alarm Annunciator Control Module, ACM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417499)	792.66	98.14
13965-0221	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	690.14	85.43
13965-0222	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	690.14	85.43
13965-0223	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	551.83	68.37
13965-0224	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,020.79	126.39
13965-0225	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	206.17	25.58
13965-0226	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	259.60	32.16
13965-0227	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	521.50	64.60



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0228	EA	Surface, Annunciator Back Box For ACM-8R, ABS-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417654).....	178.16	44.18
13965-0229	EA	Surface, Single Annunciator Back Box, ABS-1T, Autopulse® Fire Detection And Control Equipment (Ansul 417655).....	87.36	10.83
13965-0230	EA	Surface, Deep, Single Annunciator Back Box, ABS-1T, Autopulse® Fire Detection And Control Equipment (Ansul 417493).....	153.62	10.83
13965-0231	EA	Surface, Double Annunciator Back Box, Surface, ABS-2, Autopulse® Fire Detection And Control Equipment (Ansul 417656).....	140.91	17.48
13965-0232	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660).....	87.36	10.83
13965-0233	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576).....	120.12	14.96
		Note: For up to 4 LDM modules.		
13965-0234	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657).....	206.17	25.58
13965-0235	EA	Flush, Double Annunciator Back Box, ABF-2, Autopulse® Fire Detection And Control Equipment (Ansul 417658).....	259.60	32.16
13965-0236	EA	Flush, Four Annunciator Back Box, ABF-4, Autopulse® Fire Detection And Control Equipment (Ansul 417659).....	516.87	64.03
13965-0237		Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>		
13965-0238	EA	A Size (CAB-A3), IQ-396X Red Enclosure, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419671).....	584.46	72.42
13965-0239	EA	B Size (CAB-B3), IQ-396X Red Enclosure, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419672).....	779.96	96.61
13965-0240	EA	C Size (CAB-C3), IQ-396X Red Enclosure, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419673).....	1,191.73	147.50
13965-0241	EA	CAB-A3 Red Trim Ring, TR-A3R, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419608).....	196.94	24.47
13965-0242	EA	CAB-B3 Red Trim Ring, TR-B3R, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419609).....	196.94	24.47
13965-0243	EA	CAB-C3 Red Trim Ring, TR-C3R, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419610).....	196.94	24.47
13965-0244	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586).....	167.77	20.83
13965-0245	EA	CHS-4M Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419587).....	266.52	32.99
		Note: Includes CHS-4, MP-1 and cable.		
13965-0246	EA	IQ-396X Dress Panel, DP-1 Blank, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419588).....	64.68	8.04
13965-0247	EA	IQ-396X Blank Module, BM-1, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419581).....	54.75	6.80
13965-0248	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639).....	11.51	1.42
13965-0249	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640).....	13.98	1.73
13965-0250	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765).....	13.98	1.73
13965-0251		Autopulse IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>		
13965-0252	EA	BE-IQ 396X, Basic Equipment Shipping Assembly, IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment (Ansul 419404).....	6,482.50	802.37
13965-0253	EA	IQ-301/IQ-396X Programming Kit, IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment (Ansul 428413).....	589.08	72.98
13965-0254	EA	IQ-301/IQ-396X Programming Upgrade CD, IQ-396X Control Systems, Autopulse® Fire Detection And Control Equipment (Ansul 428414).....	186.25	23.07
13965-0255		Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>		
13965-0256	EA	Indicating Circuit, IQ-396X Modules, ICM-4, Autopulse® Fire Detection And Control Equipment (Ansul 419563).....	712.39	88.22
13965-0257	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564).....	377.13	46.69
13965-0258	EA	Control Relay, IQ-396X Modules, CRM-4, Autopulse® Fire Detection And Control Equipment (Ansul 419565).....	447.01	55.37
13965-0259	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566).....	224.66	27.82
13965-0260	EA	Auxiliary Relay, IQ-396X Modules, ARM-4, Autopulse® Fire Detection And Control Equipment (Ansul 419570).....	287.61	35.65
13965-0261		Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>		
13965-0262	EA	7 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692).....	144.38	17.89
13965-0263	EA	12 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693).....	306.10	37.89
13965-0264	EA	18 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694).....	346.81	42.92
13965-0265	EA	25 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695).....	422.46	52.29
13965-0266	EA	55 AH, 24 VDC Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997).....	733.18	90.74
13965-0267	EA	BB-17, Grey Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 417468).....	116.37	14.40
13965-0268	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578).....	116.37	14.40
13965-0269	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079).....	209.64	26.00
		Note: Holds six XP5 modules or 25AH battery pack.		
13965-0270	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410).....	427.37	52.99
		Note: For mounting in BB-55 battery box.		

13000 Special Construction**13900 Fire Suppression****13965 Clean Agent Fire Extinguishing Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0271	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207).....	1,246.59	154.35
		Note: For mounting in BB-55 battery box.		
13965-0272	EA	0-10 Amps, Ammeter, AM-1, Autopulse® Fire Detection And Control Equipment (Ansul 426208).....	55.67	6.91
		Note: c		
13965-0273	EA	0-50 Volts, Voltmeter, VM-1, Autopulse® Fire Detection And Control Equipment (Ansul 426209).....	55.67	6.91
13965-0274	EA	Ammeter-Voltmeter Module, 4XMM, Autopulse® Fire Detection And Control Equipment (Ansul 417472).....	203.86	25.31
13965-0275	EA	6 AMP, 120/240 Volt, APS-6R Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 426513).....	816.05	101.08
		Note: (IQ-301/IQ-396X)		
13965-0276	EA	120 VAC, FCPS-24, Grey Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418561).....	911.35	112.83
13965-0277	EA	220 VAC, FCPS-24E, Grey Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418562).....	911.35	112.83
13965-0278	EA	120 VAC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563).....	911.35	112.83
13965-0279	EA	220 VAC, FCPS-24EF, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418564).....	911.35	112.83
13965-0280 Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>				
13965-0281	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097).....	96.60	11.95
13965-0282	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098).....	96.02	11.88
13965-0283	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480).....	137.45	17.06
13965-0284	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100).....	179.32	22.23
13965-0285	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101).....	145.53	18.04
13965-0286	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102).....	139.76	17.34
13965-0287	EA	Transponder 5 Circuit Monitor Module, Intelligent Addressable Devices, XP5-M, Autopulse® Fire Detection And Control Equipment (Ansul 428076).....	495.81	61.38
13965-0288	EA	5 Circuit Transponder Control Module, Intelligent Addressable Devices, XP5-C, Autopulse® Fire Detection And Control Equipment (Ansul 428077).....	687.84	85.14
13965-0289	EA	Low Profile, Analog Addressable Detector, Intelligent Addressable Devices, IPX-751, Autopulse® Fire Detection And Control Equipment (Ansul 423942).....	186.25	23.07
13965-0290	EA	Low Profile, Analog Addressable Detector, Intelligent Addressable Devices, LPX-751, Autopulse® Fire Detection And Control Equipment (Ansul 423943).....	430.83	53.41
13965-0291	EA	Photo, Analog Addressable Detector, Intelligent Addressable Devices, HPX-751, Autopulse® Fire Detection And Control Equipment (Ansul 427065).....	452.78	56.06
13965-0292	EA	Ionization, Analog Addressable Detector, Intelligent Addressable Devices, FSI-751, Autopulse® Fire Detection And Control Equipment (Ansul 428090).....	123.59	15.38
13965-0293	EA	Photoelectric, Analog Addressable Detector, Intelligent Addressable Devices, FSP-751, Autopulse® Fire Detection And Control Equipment (Ansul 428091).....	137.45	17.06
13965-0294	EA	Photo/Thermal, Analog Addressable Detector, Intelligent Addressable Devices, FSP-751T, Autopulse® Fire Detection And Control Equipment (Ansul 428092).....	156.22	19.44
13965-0295	EA	Duct, Analog Addressable Detector, Intelligent Addressable Devices, FSD-751P, Autopulse® Fire Detection And Control Equipment (Ansul 428093).....	330.63	40.96
		Note: W/O Alarm Relay, Photo		
13965-0296	EA	Duct, Analog Addressable Detector, Intelligent Addressable Devices, FSD-751RP, Autopulse® Fire Detection And Control Equipment (Ansul 428094).....	403.98	50.05
		Note: W/O Alarm Relay, Photo		
13965-0297	EA	Thermal, Analog Addressable Detector, Intelligent Addressable Devices, FST-751, Autopulse® Fire Detection And Control Equipment (Ansul 428095).....	89.66	11.12
13965-0298	EA	Thermal With Rate-Of-Rise, Analog Addressable Detector, Intelligent Addressable Devices, FST-751R, Autopulse® Fire Detection And Control Equipment (Ansul 428096).....	97.32	12.09
13965-0299	EA	Analog Addressable Detector Base, Intelligent Addressable Devices, B710LP, Autopulse® Fire Detection And Control Equipment (Ansul 423944).....	18.63	2.31
13965-0300	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487).....	22.36	2.76
13965-0301	EA	Audible, Analog Addressable Detector Base, Intelligent Addressable Devices, B501BH, Autopulse® Fire Detection And Control Equipment (Ansul 417488).....	116.37	14.40
13965-0302	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125).....	78.69	9.78
13965-0303	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066).....	76.82	9.51
13965-0304	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067).....	23.67	7.83
13965-0305	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138).....	6.99	0.87
		Note: Converts BX501 to low profile base.		
13965-0306	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945).....	73.93	9.16
13965-0307	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699).....	43.54	5.40
13965-0308	EA	Recessed Detector Mounting Kit, Intelligent Addressable Devices, RMK400, Autopulse® Fire Detection And Control Equipment (Ansul 417489).....	13.40	1.66
13965-0309	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078).....	114.78	14.26
13965-0310	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080).....	60.64	7.54



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0311	Manual Pull Stations, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>		
13965-0312	EA Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661).....	16.32	2.03
13965-0313	EA Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336).....	7.59	1.12
13965-0314	Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment <small>(13965-0194)</small>		
13965-0315	EA Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	153.62	19.01
13965-0316	EA Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	441.23	54.67
13965-0317	EA Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	890.27	110.17
13965-0318	EA 911 AC Digital Communicator Transmitter, Autopulse® Fire Detection And Control Equipment (Ansul 407477).....	475.01	58.86
13965-0319	EA Programmer For 911 AC Transmitter, Autopulse® Fire Detection And Control Equipment (Ansul 407478)	406.29	50.33
13965-0320	EA Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635).....	23.05	2.85
13965-0321	Vesda® Aspirating Smoke Detection System <small>(13965-0001)</small>		
13965-0322	Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System <small>(13965-0321)</small>		
13965-0323	EA Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482).....	110.89	13.43
13965-0324	EA Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379).....	321.16	38.86
13965-0325	EA 120 VAC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	646.95	78.29
13965-0326	EA 220 VAC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	646.95	78.29
13965-0327	EA 120 VAC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376)	970.41	117.44
	Note: Includes housing and battery cab.		
13965-0328	EA 220 VAC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377)	970.41	117.44
	Note: Includes housing and battery cab.		
13965-0329	EA 48 VDC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	1,236.12	149.60
13965-0330	Blank Plates, Vesda® Aspirating Smoke Detection System <small>(13965-0321)</small>		
13965-0331	EA Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459).....	20.79	2.51
13965-0332	EA Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	20.79	2.51
13965-0333	EA Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	39.27	4.75
13965-0334	EA Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	43.89	5.32
13965-0335	EA Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447).....	87.80	10.62
13965-0336	EA Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	110.89	13.43
13965-0337	Detectors, Vesda® Aspirating Smoke Detection System <small>(13965-0321)</small>		
13965-0338	EA LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350)..... Note: Includes 3 blank plates.	5,429.71	657.11
13965-0339	EA LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354).....	6,700.50	810.90
	Note: Includes centrally mounted LCD programmer module and standard display.		
13965-0340	EA LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356)..... Note: Includes centrally mounted LCD programmer.	6,122.88	740.99
13965-0341	EA 7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	8,086.81	978.68
13965-0342	EA 12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	8,548.92	1,034.60
13965-0343	EA 7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359)	8,202.33	992.66
	Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.		
13965-0344	EA 12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360)	8,664.44	1,048.58
	Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.		
13965-0345	EA 7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361)	9,011.03	1,090.52
	Note: Includes 2 blank plates and scan display module at far right.		
13965-0346	EA 12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363).....	9,473.13	1,146.44
	Note: Includes 2 blank plates and scanner display.		
13965-0347	EA 7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365).....	9,935.22	1,202.37
	Note: Includes centrally mounted programmer module.		
13965-0348	EA 12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367).....	10,397.31	1,258.29
	Note: Includes centrally mounted LCD programmer module and scanner display module.		
13965-0349	EA 12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369)..... Note: Includes centrally mounted LCD programmer.	9,473.13	1,146.44
13965-0350	Displays, Vesda® Aspirating Smoke Detection System <small>(13965-0321)</small>		
13965-0351	EA VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381)..... Note: Includes a remote termination card and 7 relays.	1,270.79	153.79



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0352	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	1,270.79	153.79
13965-0353	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,155.26	139.81
13965-0354	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,155.26	139.81
13965-0355	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	1,386.31	167.77
13965-0356	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391).....	1,201.47	145.40
13965-0357	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393).....	1,349.34	163.30
13965-0358 Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System				
<i>(13965-0321)</i>				
13965-0359	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	3,812.36	461.37
13965-0360	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	3,049.89	369.10
13965-0361	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,155.26	139.81
13965-0362	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	750.92	90.87
13965-0363	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,012.01	122.47
13965-0364	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442)..... Note: Interface connects PC and LaserPLUS system.	1,247.67	151.00
13965-0365	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	187.15	22.65
13965-0366	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	1,155.26	139.81
13965-0367	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	958.87	116.04
13965-0368	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	739.36	89.48
13965-0369	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	958.87	116.04
13965-0370	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	958.87	116.04
13965-0371	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	901.11	109.05
13965-0372	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	85.11	9.78
13965-0373	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	4,436.19	536.87
13965-0374	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	7,763.34	939.53
13965-0375	EA	Detector Cover Assembly With EMC Shields, VSP-013, Vesda® Aspirating Smoke Detection System (Ansul 430473)	84.68	41.94
13965-0376	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	577.64	69.90
13965-0377	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	11.56	1.40
13965-0378	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478).....	2.30	0.28
13965-0379	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	335.02	40.55
13965-0380	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483).....	406.65	49.21
13965-0381	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	589.19	71.30
13965-0382	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	87.80	10.62
13965-0383	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	18.49	2.24
13965-0384 Labels And Decals, Vesda® Aspirating Smoke Detection System				
<i>(13965-0321)</i>				
13965-0385	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	13.87	1.67
13965-0386	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	16.17	1.96
13965-0387	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	20.79	2.51
13965-0388	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	20.79	2.51
13965-0389	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	78.57	9.51
13965-0390 Mounting Hardware, Vesda® Aspirating Smoke Detection System				
<i>(13965-0321)</i>				
13965-0391	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	166.36	20.13
13965-0392	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	221.82	26.84
13965-0393	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	242.61	29.36
13965-0394	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	346.58	41.94
13965-0395	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445).....	762.46	92.27
13965-0396 Pipe And Fittings, Vesda® Aspirating Smoke Detection System				
<i>(13965-0321)</i>				
13965-0397	LF	3/4", Orange CPVC Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491).....	68.17	33.28
13965-0398	EA	3/4", End Cap, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497).....	8.25	3.63
13965-0399	EA	3/4", 45 Degree Elbow, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	11.04	5.06
13965-0400	EA	3/4", 90 Degree Elbow, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	11.52	5.06
13965-0401	EA	3/4", Coupling, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	11.52	5.06
13965-0402	EA	3/4", Union, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	15.88	6.01
13965-0403	EA	3/4", Tee, CPVC Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	18.73	8.43
13965-0404	EA	3/4" x 1/2" FPT, Tee, CPVC, Vesda® Aspirating Smoke Detection System (Ansul 430499).....	21.58	8.43



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0405	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	3.16	1.01
13965-0406	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	11.01	3.08
13965-0407	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	18.49	2.24
13965-0408	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	25.41	3.08
13965-0409		Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System <small>(13965-0321)</small>		
13965-0410	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396)	887.24	107.37
		Note: Remote box includes 7 relays for VLP/VLC.		
13965-0411	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,021.25	123.59
13965-0412	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	623.84	75.50
13965-0413	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	704.71	85.28
13965-0414	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397)	887.24	107.37
		Note: Remote box includes 7 relays for VLS.		
13965-0415	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398)	1,021.25	123.59
		Note: Remote box includes 12 relays for VLS.		
13965-0416	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	314.23	38.03
13965-0417	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	480.59	58.16
13965-0418	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	993.52	120.24
13965-0419	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	1,455.62	176.16
13965-0420		Software, Vesda® Aspirating Smoke Detection System <small>(13965-0321)</small>		
13965-0421	EA	System Management (VSM 3 PLUS) Software Package, VSW-007, Vesda® Aspirating Smoke Detection System (Ansul 430448)	4,713.46	570.42
13965-0422	EA	ASPIRE Pipe Modeling Software, Windows-Based, VSW-002, Vesda® Aspirating Smoke Detection System (Ansul 430449)	69.32	8.39
13965-0423	EA	V-Config Basic, VSW-004, Vesda® Aspirating Smoke Detection System (Ansul 430450)	69.32	8.39
13965-0424	EA	V-Config PRO, VSW-005, Vesda® Aspirating Smoke Detection System (Ansul 430451)	277.26	33.56
13965-0425		Preferred® Low Pressure CO2 System <small>(13965-0001)</small>		
13965-0426		Manual Pull Stations, Preferred® Low Pressure CO2 System <small>(13965-0425)</small>		
13965-0427	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658)	75.64	9.78
		Note: Excludes FMM-101.		
13965-0428	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	54.84	7.27
13965-0429		Industrial Fire Control System <small>(13965-0001)</small>		
13965-0430		Alarm Devices, Industrial Fire Control System <small>(13965-0429)</small>		
13965-0431	EA	Explosion-Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,084.31	257.95
13965-0432	EA	6", 115 VAC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	47.76	5.93
13965-0433	EA	Horn And 15 Candela Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429694)	137.45	17.06
13965-0434	EA	Horn And 75 Candela Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429695)	137.45	17.06
13965-0435	EA	24 VAC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	61.78	7.69
13965-0436	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	37.25	4.61
13965-0437	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	15.13	1.88
13965-0438		Manual Pull Stations, Industrial Fire Control System <small>(13965-0429)</small>		
13965-0439	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	61.77	8.11
13965-0440	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	77.27	11.47
13965-0441	EA	Explosion-Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	727.39	90.04
13965-0442	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	20.96	2.60
13965-0443	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	9.32	1.16
13965-0444		Marine Fire Control System <small>(13965-0001)</small>		
13965-0445		Alarm Devices, Marine Fire Control System <small>(13965-0444)</small>		
13965-0446	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	37.94	4.70
13965-0447	EA	6", 24 VDC Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	73.35	9.09
13965-0448	EA	10", 24 VDC Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	73.35	9.09
13965-0449		Sapphire® Fire Suppression Systems <small>(13965)</small>		
		Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
13965-0450		Cylinders, Sapphire® Fire Suppression Systems <small>(13965-0449)</small>		
13965-0451	EA	20#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635)	920.78	46.55
13965-0452	EA	40#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636)	975.79	46.55

13000 Special Construction
13900 Fire Suppression
13965 Clean Agent Fire Extinguishing Systems



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0453 EA 80#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 570637).....	1,029.92	46.55
13965-0454 EA 140#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 570638).....	1,733.22	62.07
13965-0455 EA 280#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 570639).....	2,037.04	62.07
13965-0456 EA 390#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 570640).....	2,213.01	77.59
13965-0457 EA 450#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 570641).....	2,359.68	77.59
13965-0458 EA 850#, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 570586).....	3,403.50	93.10
13965-0459 Nozzles, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0460 EA 1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansl 570515).....	110.68	7.76
13965-0461 EA 3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansl 570516).....	113.30	7.76
13965-0462 EA 1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansl 570517).....	120.30	7.76
13965-0463 EA 1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansl 570518).....	125.53	7.76
13965-0464 EA 1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansl 570519).....	133.39	7.76
13965-0465 EA 2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansl 570520).....	147.36	7.76
13965-0466 EA 1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansl 570602).....	110.68	7.76
13965-0467 EA 3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansl 570603).....	113.30	7.76
13965-0468 EA 1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansl 570604).....	120.30	7.76
13965-0469 EA 1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansl 570605).....	125.53	7.76
13965-0470 EA 1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansl 570606).....	133.39	7.76
13965-0471 EA 2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansl 570607).....	147.36	7.76
13965-0472 Actuation Attachments, Sapphire® Fire Suppression System (13965-0449)		
13965-0473 EA 7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansl 31810).....	9.71	2.33
13965-0474 EA 7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansl 31811).....	13.21	2.33
13965-0475 EA 1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansl 32338).....	18.10	5.43
13965-0476 EA 16" Actuation Hose, Sapphire® Fire Suppression System (Ansl 73597).....	47.60	6.95
13965-0477 EA 32" Actuation Hose, Sapphire® Fire Suppression System (Ansl 415142).....	49.70	6.95
13965-0478 EA 42" Actuation Hose, Sapphire® Fire Suppression System (Ansl 430815).....	70.22	6.95
13965-0479 EA 24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansl 32336).....	64.54	6.95
13965-0480 EA Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansl 570537).....	194.85	62.07
13965-0481 EA Local Manual Actuator, Sapphire® Fire Suppression System (Ansl 570549).....	182.15	46.55
13965-0482 EA Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansl 570537).....	484.71	62.07
13965-0483 Nameplates, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0484 EA Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansl 570580).....	33.51	7.76
13965-0485 EA Warning Plate For Use Inside Room, Sapphire® Fire Suppression Systems (Ansl 570581).....	33.51	7.76
13965-0486 Cylinder Bracketing, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0487 EA Tank Bracket Assembly For 20#, 40#, 50#, 80# And 90# Tanks, Sapphire® Fire Suppression Systems (Ansl 570085).....	101.12	23.27
13965-0488 EA Tank Bracket Assembly For 140#, 280#, 390# And 450# Tanks, Sapphire® Fire Suppression Systems (Ansl 570085).....	107.66	23.27
13965-0489 EA Tank Bracket Assembly For 850# Tanks, Sapphire® Fire Suppression Systems (Ansl 570336).....	115.96	23.27
13965-0490 Check Valves, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0491 EA 1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansl 570566).....	281.72	24.71
13965-0492 EA 2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansl 570568).....	395.23	42.39
13965-0493 Discharge Hose, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0494 EA 1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansl 570539).....	87.79	15.52
13965-0495 EA 2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansl 570538).....	375.03	15.52
13965-0496 EA 3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansl 69990).....	302.56	15.52
13965-0497 EA 3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansl 69841).....	1,266.12	62.07
13965-0498 Swivel Adaptors, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0499 EA 1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansl 570557).....	30.45	10.86
13965-0500 EA 2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansl 570558).....	45.38	10.86
13965-0501 EA 3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansl 69471).....	142.12	7.76
13965-0502 EA 3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansl 69470).....	181.11	7.76
13965-0503 Pressure Switches, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0504 EA Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansl 570585).....	110.09	31.03
13965-0505 EA Pressure Trip, Sapphire® Fire Suppression Systems (Ansl 5156).....	120.37	13.03
13965-0506 EA Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansl 46250).....	358.32	54.30
13965-0507 Level Indicators, Sapphire® Fire Suppression Systems (13965-0449)		
13965-0508 EA Liquid Level Indicator For 280# Tanks, Sapphire® Fire Suppression Systems (Ansl 570277).....	455.65	10.86
13965-0509 EA Liquid Level Indicator For 390# And 850# Tanks, Sapphire® Fire Suppression Systems (Ansl 570278).....	477.47	10.86
13965-0510 EA Liquid Level Indicator For 450# Tanks, Sapphire® Fire Suppression Systems (Ansl 570589).....	509.47	15.52



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13965-0511 Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems <small>(13965-0449)</small>					
	13965-0512	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	31.36	9.31
	13965-0513	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	38.92	10.86
	13965-0514	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	123.13	46.55
	13965-0515	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	148.54	46.55
	13965-0516	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	170.36	46.55
	13965-0517	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	238.90	46.55
13965-0518 Replacement Parts, Sapphire® Fire Suppression Systems <small>(13965-0449)</small>					
	13965-0519	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	31.02	12.41
	13965-0520	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	66.59	7.76
	13965-0521	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	86.47	15.52
	13965-0522	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	214.94	62.07
	13965-0523	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	314.47	62.07
	13965-0524	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,232.94	62.07
13965-0525 FM200 System Equipment <small>(13965)</small>					
	13965-0526	EA	26# Cylinder, Filled, For FM200 Fire Protection system	2,081.29	67.45
	13965-0527	EA	44# Cylinder, Filled, For FM200 Fire Protection system	2,985.56	77.22
	13965-0528	EA	63# Cylinder, Filled, For FM200 Fire Protection system	3,544.06	91.05
	13965-0529	EA	101# Cylinder, Filled, For FM200 Fire Protection system	4,698.43	107.92
	13965-0530	EA	196# Cylinder, Filled, For FM200 Fire Protection system	7,347.60	134.89
	13965-0531	EA	Electro/Mechanical Release, For FM200 Fire Protection system	411.35	134.89
	13965-0532	EA	Manual Pull Station, For FM200 Fire Protection system	142.77	44.86
	13965-0533	EA	Pneumatic Damper Release, For FM200 Fire Protection system	167.72	33.72
	13965-0534	LB	FM200 Gas	13.34	
	13965-0535	EA	Master Cylinder, For FM200 Fire Protection system	3,403.76	36.28
	13965-0536	EA	Shuttle Check Valve, For FM200 Fire Protection system	407.68	50.72
	13965-0537	EA	Flex Head Cylinder, For FM200 Fire Protection system	407.52	54.36
	13965-0538	EA	Nozzles, For FM200 Fire Protection system	103.33	19.23
	13965-0539	EA	Cylinder Support, For FM200 Fire Protection system	125.46	36.28
	13965-0540	EA	Solenoid Valve, For FM200 Fire Protection system	522.85	54.36
	13965-0541	EA	Battery Back-Up, For FM200 Fire Protection system	426.68	143.39
	13965-0542	EA	Control Panel, Single Zone, For FM200 Fire Protection system	2,455.63	269.38
	13965-0543	EA	Control Panel, Multizone, For FM200 Fire Protection system	3,968.92	539.37
	13965-0544	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	177.02	54.36
	13965-0545	EA	Annunciator, For FM200 Fire Protection system	1,990.05	204.16
	13965-0546	EA	Pressure Switch, For FM200 Fire Protection system	190.63	54.36
	13965-0547	EA	Alarm Horn, For FM200 Fire Protection system	175.71	54.36
	13965-0548	EA	Testing, For FM200 Fire Protection system	895.14	
	13965-0549	EA	Abort Switch, For FM200 Fire Protection system	117.51	25.29
13973 Kitchen Fire Suppression Systems <small>(13900)</small>					
Note: Kitchen appliance, hood and duct					
13973-0001 Amerex KP Restaurant Fire Suppression Systems <small>(13973)</small>					
Note: Amerex or equal					
	13973-0002	EA	Agent Cylinder Assembly 3.75 Gallon (With Discharge Valve) Charged	392.70	48.16
	13973-0003	EA	Agent Cylinder Assembly 6 Gallon (With Discharge Valve) Charged	549.47	60.74
	13973-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	130.49	
	13973-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	229.40	
	13973-0006	EA	Bracket Assembly Agent Cylinder 3.75 Gallon (With Distribution Hose Assembly And Distribution Outlet)	91.34	10.11
	13973-0007	EA	Bracket Assembly Agent Cylinder 6 Gallon	53.22	5.87
	13973-0008	EA	Discharge Adapter Kit 3/4 NPT - Agent Cylinder 6 Gallon	23.08	
	13973-0009	EA	Pneumatic Actuator - Agent Cylinder 6 Gallon	91.34	10.11
	13973-0010	EA	Actuator - MRM (Less N2 Cylinder And Enclosure)	229.40	25.35
	13973-0011	EA	Enclosure - MRM, Painted Steel	122.26	13.48
	13973-0012	EA	Enclosure - MRM, Stainless Steel	150.08	13.48
	13973-0013	EA	Cabinet, Stainless Steel (Single Cylinder System)	364.02	40.25
	13973-0014	EA	Actuation Hose - (N2 - 1/4" x 16")	27.47	3.03
	13973-0015	EA	Cylinder, Nitrogen - 10 CU. In. (Use For 1-10 Agent Cylinders)	122.26	13.48
	13973-0016	EA	Vent Check	21.98	2.43
	13973-0017	EA	Detector	16.48	1.82
Note: Includes bracket, linkage and conduit fittings.					
	13973-0018	EA	Fusible Link - 280 To 450 Degree F	6.19	0.68
	13973-0019	EA	Test Link	1.85	
	13973-0020	EA	Corner Pulley	8.52	0.95
	13973-0021	EA	Cable, 1/16" - 500 Foot Spool	137.36	15.16
	13973-0022	EA	Pulley Tee	61.81	6.81
	13973-0023	EA	Manual Pull Station (Standard)	54.94	6.07
	13973-0024	EA	Adapter Kit - Manual Pull Station (Recess Standard Pull Station)	25.77	2.83
	13973-0025	EA	Manual Pull Station (Oversized)	61.27	6.74
	13973-0026	EA	Conduit Offset	12.22	1.35
	13973-0027	EA	Seal - 3/8" Pipe Thread (Quick-Seal)	16.84	1.89
	13973-0028	EA	Seal - 1/2" Pipe Thread (Quick-Seal)	13.73	1.55
	13973-0029	EA	Seal - 3/8" Pipe Compression (Compression-Seal)	22.94	2.56
	13973-0030	EA	Seal - 1/2" Pipe Compression (Compression-Seal)	22.94	2.56

13000 Special Construction**13900 Fire Suppression****13973 Kitchen Fire Suppression Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13973-0031 EA Cap, Nozzle Blow-Off (Standard).....	6.17	1.75
13973-0032 EA Cap, Nozzle Blow-Off (High Temperature)	15.26	1.75
13973-0033 EA Nozzle - Fryer, Griddle - 2 Flow Points Each	27.47	3.03
13973-0034 EA Nozzle - Appliance, Plenum - 1 Flow Points Each	27.47	3.03
13973-0035 EA Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	27.47	3.03
13973-0036 EA Nozzle - Upright Charbroiler - 1/2 Flow Points Each	27.47	3.03
13973-0037 EA Nozzle - Duct (Only) - 2 Flow Points Each	27.47	3.03
13973-0038 EA Nozzle - Four Burner Range - 2 Flow Points Each	39.51	4.39
13973-0039 EA Gas Valve - Mechanical - 3/4" Or 1"	220.86	17.87
13973-0040 EA Gas Valve - Mechanical - 1-1/4" Or 1-1/2"	258.44	25.95
13973-0041 EA Gas Valve - Mechanical - 2"	322.45	30.67
13973-0042 EA Manual Reset Relay (Required With Every Electric Gas Valve)	346.16	38.22
13973-0043 EA SPDT Microswitch With 18" Leads	18.21	2.03
13973-0044 EA Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	29.39	3.24
13973-0045 EA Gas Valve Trip Assembly.....	61.81	6.81

13973-0046**Kidde Fire Systems (13973)**

Note: Kidde or equal

13973-0047 EA 125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent.....	446.79	55.86
13973-0048 EA 260 Cylinder And Valve Assembly With 2.6 Gallon of Wet Agent.....	557.10	69.58
13973-0049 EA 400S And L Cylinder And Valve Assembly With 4 Gallon of Wet Agent.....	687.62	85.84
13973-0050 EA 600 And L Cylinder And Valve Assembly With 6 Gallon of Wet Agent.....	815.83	101.85
13973-0051 EA 125 Cylinder Mounting Bracket.....	49.78	6.20
13973-0052 EA 260 Cylinder Mounting Bracket.....	52.76	6.58
13973-0053 EA 400S And L Cylinder Mounting Bracket	99.42	12.41
13973-0054 EA 600 Cylinder Mounting Bracket.....	112.82	14.09
13973-0055 EA Discharge Adapter Kit (One Required Per Cylinder).....	23.39	2.92
13973-0056 EA Pressure Operated Actuator	93.14	11.61
13973-0057 EA Control Head - Mechanical - No Microswitch	373.26	46.62
13973-0058 EA Control Head - Mechanical - 1 Microswitch.....	389.38	48.59
13973-0059 EA Control Head - Mechanical - 2 Microswitches.....	446.71	55.80
13973-0060 EA Control Head - Electric 120 VAC/24 VDC	574.50	71.74
13973-0061 EA Control Head - Tandem	339.45	42.39
13973-0062 EA Vent Plug	18.83	2.36
13973-0063 EA Vent Check	42.36	5.28
13973-0064 EA 3/8" NPT Nozzle; ADP, F, GRW Or R.....	45.54	5.71
13973-0065 EA 3/8" NPT Nozzle; LPF Or DM	49.42	5.71
13973-0066 EA 3/8" NPT Nozzle; LPR.....	57.27	5.71
13973-0067 EA 3/8" Swivel Adapter For Nozzles.....	32.23	4.04
13973-0068 EA Replacement Nozzle Seals.....	5.28	
13973-0069 EA Disc Cap	3.15	0.37
13973-0070 EA Universal Link Housing Kit	16.26	2.05
Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.		
13973-0071 EA KFA-360 link For KRS-50 And Mechanical Control Head, 360F "A" Link	8.70	1.12
13973-0072 EA KGS Standard Res. Link.....	6.12	0.93
13973-0073 EA KGS Rapid Res. Link	8.00	1.74
13973-0074 EA Corner Pulley	13.41	1.67
13973-0075 EA Tee Pulley.....	85.30	10.24
13973-0076 EA 3 Way Pulley.....	21.70	2.73
13973-0077 EA Cable, 1/16" x 500' long	164.61	20.48
13973-0078 EA EMT Adapter, 1/2" EMT x 3/8" NPT.....	46.08	5.77
13973-0079 EA Cable Crimp Sleeve (Minimum 50 Pieces)	0.94	0.25
13973-0080 EA "S" Hook (Minimum 50 Pieces).....	0.94	0.25
13973-0081 EA Six Liter "K" Extinguisher	314.38	39.22
13973-0082 EA 2-1/2 Gallon "K" Extinguisher.....	326.40	40.78
13973-0083 EA Six Liter "K" Extinguisher, UL Listed	314.38	39.22
13973-0084 EA 2-1/2 Gallon "K" Extinguisher, UL Listed.....	326.40	40.78
13973-0085 EA 3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	207.96	13.41
13973-0086 EA 1" NPT Mechanical Cable Operated Gas Shut-off Valve	228.00	16.51
13973-0087 EA 1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	260.80	20.85
13973-0088 EA 1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	288.76	24.02
13973-0089 EA 2" NPT Mechanical Cable Operated Gas Shut-off Valve	312.36	28.37
13973-0090 EA 2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	514.77	41.46
13973-0091 EA 3" NPT Mechanical Cable Operated Gas Shut-off Valve	576.88	47.98
13973-0092 EA Pneumatic Release (Single Unit)	120.97	15.14
13973-0093 EA 1/2" NPT Electric Solenoid Gas Shut-off Valve	216.05	12.48
13973-0094 EA 3/4" NPT Electric Solenoid Gas Shut-off Valve.....	178.10	13.41
13973-0095 EA 1" NPT Electric Solenoid Gas Shut-off Valve.....	294.99	16.51
13973-0096 EA 1-1/4" NPT Electric Solenoid Gas Shut-off Valve.....	304.89	20.85
13973-0097 EA 1-1/2" NPT Electric Solenoid Gas Shut-off Valve.....	462.44	24.02
13973-0098 EA 2" NPT Electric Solenoid Gas Shut-off Valve	510.11	28.37
13973-0099 EA 2-1/2" NPT Electric Solenoid Gas Shut-off Valve.....	869.30	41.46
13973-0100 EA 3" NPT Electric Solenoid Gas Shut-off Valve.....	1,171.11	47.98
13973-0101 EA Manual Reset Relay.....	499.73	62.37
13973-0102 EA Circuit Monitor 120 VAC	112.84	14.09
13973-0103 EA SPDT Microswitch For KRS-50.....	46.65	5.83
13973-0104 EA DPDT Microswitch For KRS-50.....	80.58	10.12
13973-0105 EA Pressure Operated Switch, SPDT.....	259.63	32.46
13973-0106 EA KRS-100 Nitrogen Cylinder.....	149.94	18.74
13973-0107 EA KRS-100 Actuator Assembly	152.92	19.12



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13973-0108	EA	KRS-100 Mounting Bracket	37.51	4.72
13973-0109	EA	KRS-700S Nitrogen Cylinder	432.54	54.06
13973-0110	EA	Mounting Bracket.....	92.59	11.54
13973-0111	EA	KRS-700S Discharge Adapter Kit.....	92.16	11.54
13973-0112	EA	Pressure Operated Actuator	92.59	11.57
13973-0113	EA	Pressure Operated Actuator (Old Style)	180.75	22.60
13973-0114	EA	Check Valve.....	65.48	8.19
13973-0115	EA	Vent Check.....	41.94	5.22
13973-0116	EA	Replacement Receiver Gasket For KRS-100 Actuator Assembly.....	4.85	
13973-0117	EA	Compression-Seal Adapter - 3/8" Tubing	20.83	2.60
13973-0118	EA	Compression-Seal Adapter - 1/2" Tubing / 1/4" Pipe.....	22.68	2.85
13973-0119	EA	Compression-Seal Adapter - 5/8" Tubing / 3/8" Pipe.....	27.25	3.41
13973-0120	EA	Compression-Seal Adapter - 3/4" Tubing / 1/2" Pipe.....	29.10	3.66
13973-0121	EA	Compression-Seal Adapter - 1/2" EMT.....	27.25	3.41
13973-0122	EA	Quik-Seal Adapter - 3/8" NPT Female.....	22.68	2.85
13973-0123	EA	Quik-Seal Adapter - 1/2" NPT Female.....	22.68	2.85
13973-0124	EA	Quik-Seal Adapter - 3/4" NPT Female.....	38.66	4.84
13973-0125	EA	Quik-Seal Adapter - 1" NPT Female.....	51.22	6.40
13973-0126	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter.....	22.68	2.85
13973-0127	EA	WHDR - 450 Cylinder And Valve Assembly With 4-1/2 Gallon Of Wet Agent.....	747.70	93.41
13973-0128	EA	WHDR - 900 Cylinder And Valve Assembly With 9 Gallon Of Wet Agent.....	1,074.70	134.31
13973-0129	EA	WHDR - 450 Shelf Type Mounting Bracket.....	96.87	12.11
13973-0130	EA	WHDR - 900 Shelf Type Mounting Bracket.....	114.99	14.40
13973-0131	EA	Floor Mounting Kit WHDR - 900 (Requires Shelf Mounting Bracket).....	56.21	7.01
13973-0132	EA	Discharge Adapter Kit For WHDR 450 Or 900.....	24.10	
13973-0133	EA	3/8" NPT FRW Nozzle With Cap.....	58.36	7.32
13973-0134	EA	3/8" NPT Duct Nozzle With Cap.....	46.51	5.83
13973-0135	EA	3/8" NPT Plenum Nozzle With Cap.....	38.23	4.78
13973-0136	EA	3/8" NPT Appliance Nozzle With Cap.....	38.23	4.78
13973-0137	EA	3/8" NPT Wide Angle Appliance Nozzle With Cap.....	50.65	6.34
13973-0138	EA	3/8" NPT Swivel Adapter For Nozzles	46.51	5.83
13973-0139	EA	Replacement Blow-off Cap.....	2.59	0.31
13973-0140	EA	FRW Blow-off Cap.....	5.97	0.75
13973-0141	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve, Turnbuckle Style	283.50	0.75
13973-0142	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	313.40	0.93
13973-0143	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	327.70	1.18
13973-0144	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	358.98	1.36
13973-0145	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	380.56	1.61
13973-0146	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	675.91	2.73
13973-0147	EA	Nameplate For Turnbuckle Style Mechanical Gas Valves.....	14.55	
13973-0148	EA	Turnbuckle For Turnbuckle Style Mechanical Gas Valves.....	26.82	
13973-0149	EA	Adjusting Screw For Turnbuckle Style Mechanical Gas Valves.....	23.40	
13973-0150	EA	Detect-A-Fire, 325F To 725F, Vertical Mount	187.32	23.40
13973-0151	EA	Single Hazard Control Panel, UL Listed, 120 Or 240 VAC Input	992.93	124.07
13973-0152	EA	Single Hazard Control Panel, ULC Listed, 120 Or 240 VAC Input.....	1,093.50	136.67
13973-0153	EA	Lead Acid Battery, 12VDC, 1.2 AH.....	82.41	10.30
Note: Two required per panel				
13973-0154 Pyro-Chem Kitchen Fire Suppression Systems (13973)				
13973-0155 Cylinders, Kitchen Fire Suppression Systems (13973-0154)				
13973-0156	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194).....	392.05	44.06
13973-0157	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193).....	564.76	63.49
13973-0158	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196).....	743.38	86.83
13973-0159	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053).....	81.01	10.36
13973-0160	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208).....	533.16	67.78
13973-0161	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966).....	325.53	41.34
13973-0162 Fusible Links, Kitchen Fire Suppression Systems (13973-0154)				
13973-0163	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522).....	10.51	1.36
13973-0164	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523).....	10.51	1.36
13973-0165	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524).....	10.75	1.36
13973-0166	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525).....	10.51	1.36
13973-0167	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526).....	10.51	1.36
13973-0168	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527).....	11.37	1.36
13973-0169	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131).....	18.21	2.30
13973-0170	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132).....	23.65	3.04
13973-0171	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876).....	35.05	15.71
13973-0172	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6).....	230.48	34.94
13973-0173 Gas Valves, Kitchen Fire Suppression Systems (13973-0154)				
13973-0174	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593).....	184.49	13.41
13973-0175	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594).....	210.78	16.51
13973-0176	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595).....	229.06	20.85
13973-0177	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596).....	252.48	23.96
13973-0178	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049).....	290.82	28.31
13973-0179	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185).....	664.92	41.40
13973-0180	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186).....	711.44	47.92

13000 Special Construction**13900 Fire Suppression****13973 Kitchen Fire Suppression Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13973-0181 EA 3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358).....	146.24	13.41
13973-0182 EA 1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359).....	246.16	16.51
13973-0183 EA 1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360).....	258.69	20.85
13973-0184 EA 1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361).....	294.54	23.96
13973-0185 EA 2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362).....	405.54	28.31
13973-0186 EA 2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363).....	777.71	41.40
13973-0187 EA 3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643).....	822.33	47.92
13973-0188 Nozzles, Kitchen Fire Suppression Systems (13973-0154)		
13973-0189 EA Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	37.59	4.59
13973-0190 EA Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	53.03	5.83
13973-0191 EA Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	196.38	5.83
13973-0192 Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (13973-0154)		
13973-0193 EA Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059).....	13.92	1.80
13973-0194 EA PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104).....	455.97	58.28
13973-0195 EA PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690).....	581.14	74.54
13973-0196 Circuit Monitors, Kitchen Fire Suppression Systems (13973-0154)		
13973-0197 EA 24 VDC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303).....	298.08	38.17
13973-0198 EA 120 VAC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302).....	359.65	45.99
13973-0199 Control Heads, Kitchen Fire Suppression Systems (13973-0154)		
13973-0200 EA Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203).....	328.86	42.08
13973-0201 EA Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200).....	343.30	44.00
13973-0202 EA 24 VDC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201).....	447.12	57.23
13973-0203 EA 120 VAC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202).....	512.99	65.79
13973-0204 EA Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853).....	41.66	5.34
13973-0205 Corner Pulleys/Tees, Kitchen Fire Suppression Systems (13973-0154)		
13973-0206 EA Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670).....	10.20	0.87
13973-0207 EA Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250).....	10.59	1.12
13973-0208 EA Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166).....	33.40	4.29
13973-0209 EA Replacement Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272).....	0.44	
13973-0210 Switches, Kitchen Fire Suppression Systems (13973-0154)		
13973-0211 EA SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	36.32	4.65
13973-0212 EA DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237).....	72.74	9.25
13973-0213 EA Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978).....	153.94	19.61
13973-0214 Wire Rope/Accessories, Kitchen Fire Suppression Systems (13973-0154)		
13973-0215 LF 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821).....	0.78	0.18
13973-0216 EA Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122).....	0.50	0.18
13973-0217 EA High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	1.80	0.25
13973-0218 EA "S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.35	
13973-0219 Replacement Parts, Kitchen Fire Suppression Systems (13973-0154)		
13973-0220 EA Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698).....	34.54	4.47
13973-0221 EA Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831).....	36.04	4.65
13973-0222 EA Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705).....	4.22	0.55
13973-0223 EA 225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236).....	49.42	6.08
13973-0224 EA Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	6.95	0.87
13973-0225 EA Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707).....	9.67	1.24
13973-0226 EA Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715).....	4.22	0.55
13973-0227 EA Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	5.95	0.75
13973-0228 EA Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	5.81	0.75
13973-0229 EA Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	1.65	0.18
13973-0230 EA Replacement Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	2.82	
13973-0231 EA O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063).....	53.87	
13973-0232 EA 3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024).....	363.68	
13973-0233 EA 4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902).....	473.71	
13973-0234 EA 6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901).....	547.92	
13973-0235 Accessories, Kitchen Fire Suppression Systems (13973-0154)		
13973-0236 EA 3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857).....	16.89	2.11
13973-0237 EA 1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859).....	17.50	2.23
13973-0238 EA Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788).....	33.69	4.29
13973-0239 EA Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	47.70	
13973-0240 EA 3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	102.50	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13973-0241		Pull Stations/Accessories, Kitchen Fire Suppression Systems <small>(13973-0154)</small>		
13973-0242	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	68.13	8.76
13973-0243	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	74.31	12.29
13973-0244	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	18.21	2.30
13973-0245	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	2.67	0.81
13973-0246		Range Guard Fire Suppression Systems <small>(13973)</small>		
		Note: Range Guard or equal		
13973-0247	EA	1-1/4 Gallon Charged Cylinder With Valve	416.59	52.07
13973-0248	EA	2-1/2 Gallon Charged Cylinder With Valve	520.01	64.99
13973-0249	EA	4 Gallon Charged Cylinder With Valve	641.99	80.25
13973-0250	EA	6 Gallon Charged Cylinder With Valve	762.54	95.27
13973-0251	EA	Vent Plug	17.50	2.17
13973-0252	EA	Discharge Adapter Kit	22.54	
13973-0253	EA	1-1/4 Gallon Wall Bracket	46.37	5.77
13973-0254	EA	2-1/2 Gallon Wall Bracket	49.08	6.14
13973-0255	EA	4 Gallon Wall Bracket	92.67	11.61
13973-0256	EA	6 Gallon Wall Bracket	102.72	12.85
13973-0257	EA	Mechanical Control Head, No Microswitch	362.38	45.30
13973-0258	EA	Mechanical Control Head, 1 Microswitch	378.06	47.23
13973-0259	EA	Mechanical Control Head, 2 Microswitches	433.70	54.18
13973-0260	EA	Tandem Control Head	329.56	41.21
13973-0261	EA	Electric Control Head, 120 VAC/24VDC	557.82	69.70
13973-0262	EA	Mechanical Control Box	248.24	31.03
13973-0263	EA	Tandem Control Box	248.24	31.03
13973-0264	EA	Mechanical Control Box Adapter	72.77	9.12
13973-0265	EA	A+ Control head With 1 Pressure Operated Actuator	218.65	27.31
13973-0266	EA	Pressure Operated Actuator	89.89	11.24
13973-0267	EA	BMCS-1 Nitrogen Cylinder	145.52	18.19
13973-0268	EA	BMCS-1 Actuator Assembly	148.37	18.56
13973-0269	EA	BMCS-1 Mounting Bracket	36.38	4.53
13973-0270	EA	BMCS-7 Nitrogen Cylinder	419.88	52.45
13973-0271	EA	BMCS-7 Mounting Bracket	89.89	11.24
13973-0272	EA	BMCS-7 Discharge Adapter Kit	89.89	11.24
13973-0273	EA	Check Valve	74.24	13.35
13973-0274	EA	Vent Check For Use With BMCS Systems	40.66	5.09
13973-0275	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	17.69	2.21
13973-0276	EA	Replacement Receiver Gasket For BMCS-Actuator Assembly	4.66	
13973-0277	EA	Pneumatic Control Head For Slave Cylinders	92.73	11.61
13973-0278	EA	Nozzles; ADP, F, R And GRW	42.51	5.34
13973-0279	EA	Nozzles; DM And LPF	47.36	5.89
13973-0280	EA	Swivel Adapter	29.96	3.72
13973-0281	EA	Corner Pulley	12.84	1.61
13973-0282	LF	1/16" Stainless Steel Cable	0.55	0.18
13973-0283	EA	Cable Crimp Sleeve	0.66	0.18
13973-0284	EA	"S" Hook	0.53	0.12
13973-0285	EA	EMT Adapter, 1/2" EMT x 3/8" NPT	44.21	5.53
13973-0286	EA	Cable Clamp	3.94	0.49
13973-0287	EA	Nico Sleeves - 1/16" Cable	0.53	0.12
13973-0288	EA	3/8" Cable Anchor	46.72	5.83
13973-0289	EA	1/2" Cable Anchor	46.72	5.83
13973-0290	EA	Mechanical Remote Manual Release (Pull Cable)	75.58	9.43
13973-0291	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	80.66	10.06
13973-0292	EA	Surface Remote Manual Release, End-of-line	94.49	11.79
13973-0293	EA	Surface Remote Manual Release, In-line Conservation Kit	29.60	3.72
13973-0294	EA	Surface Remote Manual Release, In-line And End-of-line	124.06	15.45
13973-0295	EA	Recessed Remote Manual Release, End-of-line	94.49	11.79
13973-0296	EA	Recessed Remote Manual Release, In-line Kit	112.65	14.09
13973-0297	EA	Tee Pulley, Remote In-Line Only	20.25	2.54
13973-0298	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" EMT Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	22.47	2.79
13973-0299	EA	Fusible Link 165F To 360F	7.36	0.93
13973-0300	EA	Fusible Link 500F	11.80	0.93
13973-0301	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	22.47	2.79
13973-0302	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	16.32	2.79
13973-0303	EA	Quartzoid Link 400 F	121.21	15.14
13973-0304	EA	Quartzoid Link 500 F	121.21	15.14
13973-0305	EA	SPDT Micro Switch For Use With A Plus Control Box	43.43	5.40
13973-0306	EA	DPDT Micro Switch For Use With A Plus Control Box	75.58	9.43
13973-0307	EA	SPDT Micro Switch For Use With A Mechanical Control Box	44.92	5.59
13973-0308	EA	DPDT Micro Switch For Use With A Mechanical Control Box	77.85	9.74
13973-0309	EA	SPDT Micro Switch For Use With PRCB	57.03	7.14
13973-0310	EA	DPDT Micro Switch For Use With PRCB	82.28	10.24
13973-0311	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	240.99	30.10
13973-0312	EA	Circuit Monitor 12 Or 24 VDC	108.38	13.53
13973-0313	EA	Circuit Monitor 120 VAC	108.38	13.53
13973-0314	EA	Electric Manual Pull Station	79.14	9.87
13973-0315	EA	6", 24 VDC Motor Bell	44.21	5.53
13973-0316	EA	10", 115 VAC Motor Bell	62.74	7.82

13000 Special Construction**13900 Fire Suppression****13973 Kitchen Fire Suppression Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13973-0317	EA Fuse, 1.2 For ECH.....	5.08	0.63
13973-0318	EA Indicator Lamp 12 Or 24 VDC.....	22.47	2.79
13973-0319	EA Indicator Lamp 120 VAC.....	22.47	2.79
13973-0320	EA B-10 Manual Station Dual Action, SPDT.....	82.71	10.30
13973-0321	EA B-11 Manual Station Dual Action, DPDT.....	91.27	11.42
13973-0322	EA Break Rods For B10/B11 Manual Pull Station.....	2.27	0.81
13973-0323	EA Spare Key For B10/B11 Manual Stations.....	11.40	1.43
13973-0324	EA MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24V Flush Grill.....	122.64	15.33
13973-0325	EA Suppression Abort Station.....	129.76	16.20
13973-0326	EA Suppression Abort Station With Surface Mount Back Box.....	151.15	18.86
13973-0327	EA Surface Mount Back Box.....	49.91	6.20
13973-0328	EA Single Hazard Control Unit, 120 VAC IP.....	926.87	115.63
13973-0329	EA Single Hazard Control Unit, 240 VAC IP.....	926.87	115.63
13973-0330	EA 1 Lead Acid Battery; 24 VDC 1.2 A.H.....	77.01	9.62
13973-0331	EA Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W).....	2.94	0.43
13973-0332	EA Spare Scorpio Circuit Board.....	670.17	
13973-0333	EA Extra Scorpio Key.....	11.40	
13973-0334	EA Extra Scorpio Manual.....	7.13	
13973-0335	EA Compression Seal Adapter 3/8" Pipe.....	19.39	2.42
13973-0336	EA Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe.....	21.05	2.60
13973-0337	EA Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe.....	25.33	3.17
13973-0338	EA Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe.....	27.09	3.35
13973-0339	EA Quik Seal Adapter 3/8" NPT Female.....	21.05	2.60
13973-0340	EA Quik Seal Adapter 1/2" NPT Female.....	21.05	2.60
13973-0341	EA Quik Seal Adapter 3/4" NPT Female.....	36.02	4.53
13973-0342	EA Quik Seal Adapter 1" NPT Female.....	47.77	5.96
13973-0343	EA Quik Patch (Up To 1-1/8" Diameter).....	21.05	2.60
13973-0344	EA 1-1/4 Gallon Karbaloy Charge.....	46.85	
13973-0345	EA 2-1/2 Gallon Karbaloy Charge.....	80.57	
13973-0346	EA 4 Gallon Karbaloy Charge.....	121.77	
13973-0347	EA 6 Gallon Karbaloy Charge.....	178.19	
13973-0348	EA Inlet Flushing Adapter.....	34.94	4.35
13973-0349	EA 1/2" Flushing Adapter (Outlet).....	34.94	4.35
13973-0350	EA 1/8" Flushing Adapter (Outlet).....	34.94	4.35
13973-0351	EA 1/4" Flushing Adapter (Outlet).....	34.94	4.35
13973-0352	EA 3/8" Flushing Adapter (Outlet).....	34.94	4.35
13973-0353	EA Recharge Adapter (Old Style Cylinder Valve Assembly Only).....	48.48	
13973-0354	EA Instruction Label (In Case Of Fire) - MCB.....	3.85	
13973-0355	EA Caution Sign (Turn On Fan).....	4.65	
13973-0356	EA Inspection Label (Authorized installers only).....	3.20	
13973-0357	EA Label, Warning, A+ Control Box.....	2.24	
13973-0358	EA Wet Chemical System Kits, RG-1.25G Kit; #23315.....	613.13	76.53
13973-0359	EA Wet Chemical System Kits, RG-2.5G Kit; #23316.....	715.81	89.31
13973-0360	EA Wet Chemical System Kits, RG-4GS Kit; #23317.....	891.21	111.22
13973-0361	EA Wet Chemical System Kits, RG-4GT Kit; #23318.....	891.21	111.22
13973-0362	EA Wet Chemical System Kits, RG-6G Kit; #23319.....	1,120.77	139.84
13973-0363	EA Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320.....	531.15	66.29
13973-0364	EA Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321.....	499.07	62.25
13973-0365	EA Wet Chemical System Kits, A Plus Control Box Kit; #23322.....	403.53	50.34
13973-0366	EA Wet Chemical System Kits, Valve Rebuild Kit; #23210.....	698.69	87.20
13973-0367	EA Wet Chemical System Kits, BMCS-1 Package; #23208.....	640.22	79.88

13973-0368 Inspection And Recharge (13973)

13973-0369	EA Inspection, CO2, Carbon Dioxide.....	164.30	
13973-0370	LB Refill/Recharge, CO2, Carbon Dioxide.....	1.07	
13973-0371	EA Inspection, Halon 1301.....	164.30	
13973-0372	LB Refill/Recharge, Halon 1301.....	25.68	
13973-0373	EA Inspection, WC, Wet Chemical.....	99.34	
13973-0374	GAL Refill/Recharge, WC, Wet Chemical.....	24.08	
13973-0375	EA Inspection, DC, Dry Chemical.....	99.34	
13973-0376	LB Refill/Recharge, DC, Dry Chemical.....	2.14	
13973-0377	EA Hydrostatic Testing, All Sizes, All Agents..... See CSI section 15048-0001 for testing existing piping systems.	30.56	
13973-0378	EA Disarm/Arm System.....	53.50	

13975 Standpipe And Fire Hose Equipment (13900)**13975-0001 Standpipe And Fire Hose Equipment (13975)****13975-0002 Standpipe And Fire Hose Equipment (13975-0001)**

13975-0003	EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass.....	1,013.46	356.34
13975-0004	EA Water Motor Gong.....	359.17	113.94
13975-0005	EA Fire Riser Flow Switch (NFPA 13).....	222.27	13.26
13975-0006	EA Water Flow Supervisory (Tammer) Switch Mounted On Valve.....	129.85	22.67
13975-0007	EA Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe.....	224.46	69.78
13975-0008	EA Pressure-Type Water Flow Detector For > 2-1/2" To 4" Pipe.....	322.47	92.46
13975-0009	EA Pressure-Type Water Flow Detector For > 4" To 8" Pipe.....	476.04	104.67
13975-0010	EA Vane-Type Water Flow Switch For Up To 2-1/2" Pipe.....	270.41	69.78
13975-0011	EA Vane-Type Water Flow Switch For > 2-1/2" To 4" Pipe.....	378.76	92.46



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13975-0012	EA	Vane-Type Water Flow Switch For > 4" To 8" Pipe	565.28	104.67
13975-0013		Standpipe Valves <small>(13975-0001)</small>		
13975-0014	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	362.72	143.75
	13MOD-0029	For Polished Chrome, Add	21.75	
13975-0015	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	534.38	143.69
	13MOD-0029	For Polished Chrome, Add	47.50	
13975-0016	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	672.32	155.43
	13MOD-0029	For Polished Chrome, Add	65.52	
13975-0017	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	781.74	143.69
	13MOD-0029	For Polished Chrome, Add	84.61	
13975-0018	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	910.73	155.43
	13MOD-0029	For Polished Chrome, Add	101.28	
13975-0019	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	508.08	143.69
	13MOD-0029	For Polished Chrome, Add	43.56	
13975-0020	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	713.55	155.43
	13MOD-0029	For Polished Chrome, Add	71.70	
13975-0021	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	884.99	148.34
	13MOD-0030	For Polished Chrome, Add	79.23	
13975-0022	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,240.10	164.81
	13MOD-0030	For Polished Chrome, Add	118.84	
13975-0023	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	944.14	148.34
	13MOD-0030	For Polished Chrome, Add	86.33	
13975-0024	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,329.22	164.81
	13MOD-0030	For Polished Chrome, Add	129.54	
13975-0025	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	2,040.14	197.74
	13MOD-0031	For Polished Chrome, Add	174.05	
13975-0026		Fire Department Connections <small>(13975-0001)</small>		
13975-0027	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	511.15	217.31
	13MOD-0032	For Polished Chrome, Add	22.74	
13975-0028	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	690.19	271.64
	13MOD-0032	For Polished Chrome, Add	34.81	
13975-0029	EA	4" x 3" x 3" Siamese Connection, Polished Brass	682.08	217.31
	13MOD-0032	For Polished Chrome, Add	44.09	
13975-0030	EA	6" x 3" x 3" Siamese Connection, Polished Brass	890.69	271.64
	13MOD-0032	For Polished Chrome, Add	59.87	
13975-0031	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	939.70	271.64
	13MOD-0032	For Polished Chrome, Add	66.00	
13975-0032	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	842.60	287.50
	13MOD-0032	For Polished Chrome, Add	50.90	
13975-0033	EA	Wall Type Connection With Plug And Chain, Polished Brass	562.85	217.31
	13MOD-0032	For Polished Chrome, Add	29.21	
13975-0034		Fire Hose Cabinet <small>(13975)</small>		
13975-0035		Cabinet For 75' Linen Hose, 1-1/2" <small>(13975-0034)</small>		
13975-0036	EA	Steel Fire Hose Cabinet For 1-1/2" x 75' Linen Hose	463.83	148.48
13975-0037	EA	Stainless Steel Fire Hose Cabinet For 1-1/2" x 75' Linen Hose	958.73	148.48
13975-0038		Cabinet For 75' Linen Hose, 1-1/2", And Extinguisher <small>(13975-0034)</small>		
13975-0039	EA	Steel Fire Hose And Extinguisher Cabinet For 1-1/2" x 75' Linen Hose	704.32	222.72
13975-0040	EA	Stainless Steel Fire Hose And Extinguisher Cabinet For 1-1/2" x 75' Linen Hose	1,155.87	222.72
13975-0041		Cabinet For 100' Linen Hose, 2-1/2", And Extinguisher <small>(13975-0034)</small>		
13975-0042	EA	Steel Fire Hose And Extinguisher Cabinet For 2-1/2" x 100' Linen Hose	760.76	222.72
13975-0043	EA	Stainless Steel Fire Hose And Extinguisher Cabinet For 2-1/2" x 100' Linen Hose	1,184.09	222.72
13975-0044		Cabinet For 100' Linen Hose, 1-1/2" <small>(13975-0034)</small>		
13975-0045	EA	Steel Cabinet For 1-1/2" x 100' Linen Hose	532.07	148.48
13975-0046	EA	Stainless Steel Cabinet For 1-1/2" x 100' Linen Hose	1,071.62	148.48
13975-0047		Fire Hose <small>(13975)</small>		
13975-0048		Fire Hose Without Couplings <small>(13975-0047)</small>		
13975-0049	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.04	1.53
13975-0050	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.39	1.53
13975-0051	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.15	1.53
13975-0052	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.54	1.53
13975-0053	LF	1-1/2" Cotton Fire Hose, 300# Test With 1-1/2" Rubber Lining Without Couplings	2.34	1.53
13975-0054	LF	2-1/2" Cotton Fire Hose, 300# Test With 1-1/2" Rubber Lining Without Couplings	2.94	1.53
13975-0055	LF	1-1/2" Cotton Fire Hose, 400# Test With 1-1/2" Rubber Lining Without Couplings	2.43	1.53
13975-0056	LF	2-1/2" Cotton Fire Hose, 400# Test With 1-1/2" Rubber Lining Without Couplings	3.13	1.53

13000 Special Construction**13900 Fire Suppression****13975 Standpipe And Fire Hose Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13975-0057		Fire Hose With Aluminum Couplings <small>(13975-0047)</small>		
13975-0058	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	3.16	0.84
13975-0059	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	3.83	1.00
13975-0060	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	5.84	1.00
13975-0061		Fire Hose Cabinet Angle Valves <small>(13975)</small>		
13975-0062	EA	1-1/2" Fire Hose Angle Valve, Cast Brass	119.67	
13975-0063	EA	2-1/2" Fire Hose Angle Valve, Cast Brass	201.88	34.39
13975-0064		Fire Hose Accessories <small>(13975)</small>		
13975-0065	EA	Hose Coupling With 1-1/2" Pin Lug.....	67.01	25.22
13975-0066	EA	Hose Coupling With 2-1/2" Pin Lug.....	92.20	28.27
13975-0067	EA	1-1/2" x 10" Brass Straight Nozzle	47.13	19.87
13975-0068	EA	2-1/2" x 12" Brass Straight Nozzle	79.47	19.87
13975-0069	EA	1-1/2" Brass Fog Type Nozzle	65.25	19.87
13975-0070	EA	2-1/2" Brass Fog Type Nozzle	88.33	19.87
13975-0071	EA	1-1/2" Brass 100' Hose Rack.....	173.62	84.06
13975-0072	EA	2-1/2" Brass 100' Hose Rack.....	216.02	84.06
13975-0073		Wall Type Indicator Post, Wheel Operated <small>(13975)</small>		
		See CSI section 02556-0245 for adjustable indicator post accessory for ground valves.		
13975-0074	EA	Wall Type Indicator Post With Wall Flange For Valve.....	490.89	176.89
		Note: The wall flange is tapped for a 4" diameter schedule 40 steel pipe which extends through wall.		

END OF SECTION 13



Special Construction	13000	13
Fire Suppression	13900	
Standpipe And Fire Hose Equipment	13975	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13000 Special Construction**13900 Fire Suppression**

13975 Standpipe And Fire Hose Equipment



MINOR				
CSI	UOM	DESCRIPTION		

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14000 Conveying Systems

14200 Elevators (14000)

Note: Excludes final electrical work or shaft walls.

14211 Freight Elevators (14200)

Note: Prices are for a complete operating elevator including all standard controls, motors and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14211-0001 Manual Control Freight Elevators (14211)

Note: Automatic leveling, A.C. rheostatic. Painted metal shaft doors and steel painted cab. Unit prices are based on a shaft of 6 stops and 6 openings with power doors.

14211-0002	EA Manual Control Freight Elevator, 3500# x 50 FPM 266,453.89 14MOD-0001 For Elevator With Manual Door, Deduct -37,089.03 14MOD-0002 For Variable Voltage Control, Add 24,726.02 14MOD-0003 For Each Additional Stop, Add 4,500.00 Note: Deduct if < 6 stops. 14MOD-0004 For Each Opening With Stainless Steel Doors, Add 1,610.00 14MOD-0005 For Each Opening With Bi-Parting Doors, Add 894.00 14MOD-0006 For Stainless Steel Cab Interior, Add 12,887.00 14MOD-0007 For Class "B" Loading, Add 1,400.00 14MOD-0008 For Class "C-1" Loading, Add 3,350.00 14MOD-0009 For Class "C-2" Loading, Add 3,790.00 14MOD-0010 For Class "C-3" Loading, Add 5,175.00 14MOD-0011 For Each Additional 500 Lb., Add 3,475.00 14MOD-0012 For Each Additional 50 FPM, Add 3,475.00 14MOD-0013 For Each Additional Stop, Add 5,263.00 Note: Deduct if < 6 stops.	9,596.85
14211-0003	EA Manual Control Freight Elevator, 4000# x 50 FPM 267,787.69 14MOD-0001 For Elevator With Manual Door, Deduct -37,237.54 14MOD-0002 For Variable Voltage Control, Add 24,825.02 14MOD-0003 For Each Additional Stop, Add 4,500.00 Note: Deduct if < 6 stops. 14MOD-0004 For Each Opening With Stainless Steel Doors, Add 1,610.00 14MOD-0005 For Each Opening With Bi-Parting Doors, Add 894.00 14MOD-0006 For Stainless Steel Cab Interior, Add 12,887.00 14MOD-0007 For Class "B" Loading, Add 1,400.00 14MOD-0008 For Class "C-1" Loading, Add 3,350.00 14MOD-0009 For Class "C-2" Loading, Add 3,790.00 14MOD-0010 For Class "C-3" Loading, Add 5,175.00 14MOD-0011 For Each Additional 500 Lb., Add 3,475.00 14MOD-0012 For Each Additional 50 FPM, Add 3,475.00 14MOD-0013 For Each Additional Stop, Add 5,263.00 Note: Deduct if < 6 stops.	9,768.70
14211-0004	EA Manual Control Freight Elevator, 5000# x 50 FPM 271,829.13 14MOD-0001 For Elevator With Manual Door, Deduct -37,534.25 14MOD-0002 For Variable Voltage Control, Add 25,022.83 14MOD-0003 For Each Additional Stop, Add 4,500.00 Note: Deduct if < 6 stops. 14MOD-0004 For Each Opening With Stainless Steel Doors, Add 1,610.00 14MOD-0005 For Each Opening With Bi-Parting Doors, Add 894.00 14MOD-0006 For Stainless Steel Cab Interior, Add 12,887.00 14MOD-0007 For Class "B" Loading, Add 1,400.00 14MOD-0008 For Class "C-1" Loading, Add 3,350.00 14MOD-0009 For Class "C-2" Loading, Add 3,790.00 14MOD-0010 For Class "C-3" Loading, Add 5,175.00 14MOD-0011 For Each Additional 500 Lb., Add 3,475.00 14MOD-0012 For Each Additional 50 FPM, Add 3,475.00 14MOD-0013 For Each Additional Stop, Add 5,263.00 Note: Deduct if < 6 stops.	10,800.42
14211-0005	EA Manual Control Freight Elevator, 3500# x 100 FPM 276,353.91 14MOD-0001 For Elevator With Manual Door, Deduct -38,275.88 14MOD-0002 For Variable Voltage Control, Add 25,517.25 14MOD-0003 For Each Additional Stop, Add 4,500.00 Note: Deduct if < 6 stops. 14MOD-0004 For Each Opening With Stainless Steel Doors, Add 1,610.00 14MOD-0005 For Each Opening With Bi-Parting Doors, Add 894.00 14MOD-0006 For Stainless Steel Cab Interior, Add 12,887.00 14MOD-0007 For Class "B" Loading, Add 1,400.00 14MOD-0008 For Class "C-1" Loading, Add 3,350.00 14MOD-0009 For Class "C-2" Loading, Add 3,790.00 14MOD-0010 For Class "C-3" Loading, Add 5,175.00 14MOD-0011 For Each Additional 500 Lb., Add 3,475.00 14MOD-0012 For Each Additional 50 FPM, Add 3,475.00 14MOD-0013 For Each Additional Stop, Add 5,263.00 Note: Deduct if < 6 stops.	10,590.69

14000 Conveying Systems**14200 Elevators****14211 Freight Elevators**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14211-0006	EA		Manual Control Freight Elevator, 4000# x 100 FPM	278,539.65	10,694.53
	14MOD-0001		For Elevator With Manual Door, Deduct	-38,572.59	
	14MOD-0002		For Variable Voltage Control, Add	25,715.06	
	14MOD-0003		For Each Additional Stop, Add	4,500.00	
			Note: Deduct if < 6 stops.		
	14MOD-0004		For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0005		For Each Opening With Bi-Parting Doors, Add	894.00	
	14MOD-0006		For Stainless Steel Cab Interior, Add	12,887.00	
	14MOD-0007		For Class "B" Loading, Add	1,400.00	
	14MOD-0008		For Class "C-1" Loading, Add	3,350.00	
	14MOD-0009		For Class "C-2" Loading, Add	3,790.00	
	14MOD-0010		For Class "C-3" Loading, Add	5,175.00	
	14MOD-0011		For Each Additional 500 Lb., Add	3,475.00	
	14MOD-0012		For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0013		For Each Additional Stop, Add	5,263.00	
			Note: Deduct if < 6 stops.		
14211-0007	EA		Manual Control Freight Elevator, 5000# x 100 FPM	282,672.02	11,771.63
	14MOD-0001		For Elevator With Manual Door, Deduct	-38,869.30	
	14MOD-0002		For Variable Voltage Control, Add	25,912.87	
	14MOD-0003		For Each Additional Stop, Add	4,500.00	
			Note: Deduct if < 6 stops.		
	14MOD-0004		For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0005		For Each Opening With Bi-Parting Doors, Add	894.00	
	14MOD-0006		For Stainless Steel Cab Interior, Add	12,887.00	
	14MOD-0007		For Class "B" Loading, Add	1,400.00	
	14MOD-0008		For Class "C-1" Loading, Add	3,350.00	
	14MOD-0009		For Class "C-2" Loading, Add	3,790.00	
	14MOD-0010		For Class "C-3" Loading, Add	5,175.00	
	14MOD-0011		For Each Additional 500 Lb., Add	3,475.00	
	14MOD-0012		For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0013		For Each Additional Stop, Add	5,263.00	
			Note: Deduct if < 6 stops.		
14211-0008	EA		Manual Control Freight Elevator, 3500# x 200 FPM	279,602.93	11,522.98
	14MOD-0001		For Elevator With Manual Door, Deduct	-38,483.55	
	14MOD-0002		For Variable Voltage Control, Add	25,655.70	
	14MOD-0003		For Each Additional Stop, Add	4,500.00	
			Note: Deduct if < 6 stops.		
	14MOD-0004		For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0005		For Each Opening With Bi-Parting Doors, Add	894.00	
	14MOD-0006		For Stainless Steel Cab Interior, Add	12,887.00	
	14MOD-0007		For Class "B" Loading, Add	1,400.00	
	14MOD-0008		For Class "C-1" Loading, Add	3,350.00	
	14MOD-0009		For Class "C-2" Loading, Add	3,790.00	
	14MOD-0010		For Class "C-3" Loading, Add	5,175.00	
	14MOD-0011		For Each Additional 500 Lb., Add	3,475.00	
	14MOD-0012		For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0013		For Each Additional Stop, Add	5,263.00	
			Note: Deduct if < 6 stops.		
14211-0009	EA		Manual Control Freight Elevator, 4000# x 200 FPM	280,196.55	11,522.98
	14MOD-0001		For Elevator With Manual Door, Deduct	-38,572.59	
	14MOD-0002		For Variable Voltage Control, Add	25,715.06	
	14MOD-0003		For Each Additional Stop, Add	4,500.00	
			Note: Deduct if < 6 stops.		
	14MOD-0004		For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0005		For Each Opening With Bi-Parting Doors, Add	894.00	
	14MOD-0006		For Stainless Steel Cab Interior, Add	12,887.00	
	14MOD-0007		For Class "B" Loading, Add	1,400.00	
	14MOD-0008		For Class "C-1" Loading, Add	3,350.00	
	14MOD-0009		For Class "C-2" Loading, Add	3,790.00	
	14MOD-0010		For Class "C-3" Loading, Add	5,175.00	
	14MOD-0011		For Each Additional 500 Lb., Add	3,475.00	
	14MOD-0012		For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0013		For Each Additional Stop, Add	5,263.00	
			Note: Deduct if < 6 stops.		
14211-0010	EA		Manual Control Freight Elevator, 5000# x 200 FPM	286,976.52	12,934.90
	14MOD-0001		For Elevator With Manual Door, Deduct	-39,166.02	
	14MOD-0002		For Variable Voltage Control, Add	26,110.68	
	14MOD-0003		For Each Additional Stop, Add	4,500.00	
			Note: Deduct if < 6 stops.		
	14MOD-0004		For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0005		For Each Opening With Bi-Parting Doors, Add	894.00	
	14MOD-0006		For Stainless Steel Cab Interior, Add	12,887.00	
	14MOD-0007		For Class "B" Loading, Add	1,400.00	
	14MOD-0008		For Class "C-1" Loading, Add	3,350.00	
	14MOD-0009		For Class "C-2" Loading, Add	3,790.00	
	14MOD-0010		For Class "C-3" Loading, Add	5,175.00	
	14MOD-0011		For Each Additional 500 Lb., Add	3,475.00	
	14MOD-0012		For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0013		For Each Additional Stop, Add	5,263.00	
			Note: Deduct if < 6 stops.		

14240 Hydraulic Elevators (14200)

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14240-0001 Hydraulic Passenger Elevators (14240)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<p>Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of \$4000. Unit prices are based on a shaft of 3 stops and 3 openings. See CSI section 14240-0024 for drilling piston hole.</p>				
14240-0002	EA	Hydraulic Passenger Elevator, 2000 # x 50 FPM	96,829.17	5,885.82
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0003	EA	Hydraulic Passenger Elevator, 2500 # x 50 FPM	101,270.32	6,128.35
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0004	EA	Hydraulic Passenger Elevator, 3000 # x 50 FPM	110,068.66	6,571.30
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0005	EA	Hydraulic Passenger Elevator, 2000 # x 100 FPM	106,214.53	6,128.35
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0006	EA	Hydraulic Passenger Elevator, 2500 # x 100 FPM	112,234.12	6,665.04
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0007	EA	Hydraulic Passenger Elevator, 3000 # x 100 FPM	118,017.05	7,083.41
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	

14000 Conveying Systems**14200 Elevators****14240 Hydraulic Elevators**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14240-0008	EA	Hydraulic Passenger Elevator, 2000 # x 150 FPM.....	114,268.12	6,197.94
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0009	EA	Hydraulic Passenger Elevator, 2500 # x 150 FPM.....	124,727.89	6,977.68
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0010	EA	Hydraulic Passenger Elevator, 3000 # x 150 FPM.....	134,305.54	7,810.35
	14MOD-0014	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0015	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
14240-0011		Hydraulic Freight Elevators⁽¹⁴²⁴⁰⁾		
		Note: Painted metal shaft doors and steel painted cab. Unit prices are based on a shaft of 3 stops and 3 openings with power doors. See CSI section 14240-0024 for drilling piston hole.		
14240-0012	EA	Hydraulic Freight Elevator, 3000 # x 50 FPM	117,094.98	6,128.35
	14MOD-0016	For Each Additional Stop, Add	5,262.00	
		Note: Deduct if < 3 stops.		
	14MOD-0017	For Each Opening With Bonderized Steel Door, Add	148.00	
	14MOD-0018	For Each Opening With Color Aluminum Doors, Add	844.00	
	14MOD-0019	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	14MOD-0020	For Each Opening With Cast Bronze Doors, Add	3,221.00	
	14MOD-0021	For Each Opening With Two Speed Doors, Add	536.00	
	14MOD-0022	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	14MOD-0023	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	14MOD-0024	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	14MOD-0025	For Stainless Steel Cab Interior, Add	12,887.00	
	14MOD-0026	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0027	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0028	For Each Additional Stop, Add	5,263.00	
		Note: Deduct if < 3 stops.		
	14MOD-0029	For Elevator With Manual Door, Deduct	-10,483.83	
	14MOD-0030	For Class "B" Loading, Add	1,235.00	
	14MOD-0031	For Class "C-1" Loading, Add	2,935.00	
	14MOD-0032	For Class "C-2" Loading, Add	3,530.00	
	14MOD-0033	For Class "C-3" Loading, Add	4,800.00	



Conveying Systems 14000	14
Elevators 14200	
Hydraulic Elevators 14240	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14240-0013 EA Hydraulic Freight Elevator, 4000 # x 50 FPM	127,818.82	6,545.05
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-11,472.87	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	
14240-0014 EA Hydraulic Freight Elevator, 6000 # x 50 FPM	148,202.12	6,846.26
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-13,450.96	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	
14240-0015 EA Hydraulic Freight Elevator, 3000 # x 100 FPM	131,080.82	6,197.94
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-11,868.49	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	
14240-0016 EA Hydraulic Freight Elevator, 4000 # x 100 FPM	139,846.30	6,624.53
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-12,659.72	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	

14000 Conveying Systems**14200 Elevators****14240 Hydraulic Elevators**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14240-0017 EA Hydraulic Freight Elevator, 6000 # x 100 FPM	162,401.28	7,022.61
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-14,835.61	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	
14240-0018 EA Hydraulic Freight Elevator, 3000 # x 150 FPM	142,949.31	6,197.94
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-13,055.34	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	
14240-0019 EA Hydraulic Freight Elevator, 4000 # x 150 FPM	153,938.74	6,747.51
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-14,044.38	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	
14240-0020 EA Hydraulic Freight Elevator, 6000 # x 150 FPM	174,546.37	7,160.86
14MOD-0016 For Each Additional Stop, Add	5,262.00	
Note: Deduct if < 3 stops.		
14MOD-0017 For Each Opening With Bonderized Steel Door, Add	148.00	
14MOD-0018 For Each Opening With Color Aluminum Doors, Add	844.00	
14MOD-0019 For Each Opening With Stainless Steel Doors, Add	1,610.00	
14MOD-0020 For Each Opening With Cast Bronze Doors, Add	3,221.00	
14MOD-0021 For Each Opening With Two Speed Doors, Add	536.00	
14MOD-0022 For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
14MOD-0023 For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
14MOD-0024 For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
14MOD-0025 For Stainless Steel Cab Interior, Add	12,887.00	
14MOD-0026 For Each Additional 50 FPM, Add	3,475.00	
14MOD-0027 For Each Additional 500 LB, Add	3,475.00	
14MOD-0028 For Each Additional Stop, Add	5,263.00	
Note: Deduct if < 3 stops.		
14MOD-0029 For Elevator With Manual Door, Deduct	-16,022.46	
14MOD-0030 For Class "B" Loading, Add	1,235.00	
14MOD-0031 For Class "C-1" Loading, Add	2,935.00	
14MOD-0032 For Class "C-2" Loading, Add	3,530.00	
14MOD-0033 For Class "C-3" Loading, Add	4,800.00	

14240-0021 Twin Jack Holeless Hydraulic Passenger Elevator (14240)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

14240-0022	EA	Hydraulic Passenger Elevator, 2000#, 80 FPM, 3 Stops, 3 Openings.....	77,742.06	6,128.35
14240-0023	EA	Hydraulic Passenger Elevator, 2000#, 80 FPM, 2 Stops, 2 Openings.....	58,094.02	5,236.04

14240-0024 Hydraulic Elevators Piston Drilling ⁽¹⁴²⁴⁰⁾

14240-0025	VLF	Up To 6" Diameter Piston Drilling Note: Includes casing.	48.37	
14240-0026	VLF	8" To 10" Diameter Piston Drilling..... Note: Includes casing.	57.23	
14240-0027	VLF	12" To 16" Diameter Piston Drilling..... Note: Includes casing.	63.75	
14240-0028	VLF	18" Diameter Piston Drilling..... Note: Includes casing.	72.36	

14290 Elevator Renovation ⁽¹⁴²⁰⁰⁾

14290-0001 Elevator Maintenance ⁽¹⁴²⁹⁰⁾

14290-0002	EA	Regular Elevator Inspection, Electric Up To 10 Floors (Sufficient For Issue Of Certificate/Permit)	612.58	
14290-0003	EA	Regular Elevator Inspection, Electric Over 10 Floors (Sufficient For Issue Of Certificate/Permit)	765.72	
14290-0004	EA	Regular Elevator Inspection, Hydraulic (Sufficient For Issue Of Certificate/Permit)	459.44	
14290-0005	EA	Regular Elevator Inspection, Roped Hydraulic (Sufficient For Issue Of Certificate/Permit)	497.72	
14290-0006	EA	Regular Elevator Inspection, Dumbwaiters/Cart Lifts (Sufficient For Issue Of Certificate/Permit).....	134.01	
14290-0007	HR	Elevator Servicing, Labor Only	101.91	
14290-0008	EA	Full Load Test For Traction And Winding Drum Elevator Up To 10 Floors	547.52	
14290-0009	EA	Full Load Test For Traction And Winding Drum Elevator Over 10 Floors	624.10	
14290-0010	EA	Full Load Test For Hydraulic Elevator.....	394.38	
14290-0011	EA	Full Load Test For Roped Hydraulic Elevator	490.09	
14290-0012	EA	Full Load Test For Dumbwaiters/Cart Lifts.....	451.81	
14290-0013	EA	Acceptance Test Of Traction And Winding Drum Elevator Up To 10 Floors.....	2,297.18	
14290-0014	EA	Acceptance Test Of Traction And Winding Drum Elevator Over 10 Floors.....	2,526.89	
14290-0015	EA	Acceptance Test Of Hydraulic Elevator	2,182.32	
14290-0016	EA	Acceptance Test Of Roped Hydraulic Elevator.....	2,258.89	
14290-0017	EA	Acceptance Test Of Dumbwaiters/Cart Lifts	1,340.02	

14290-0018 Elevator Modernization ⁽¹⁴²⁹⁰⁾

Note: Includes removal of existing and replacement with new.

14290-0019	EA	4" Piston (Hydraulic) Unit Up To 3 Stories (2000# x 50 FPM)	17,261.98	
		Note: Includes Replacing Existing Piston, Hydraulic Pump, Motor Supply Lines, Hydraulic Valves And Ports		
	14MOD-0034	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0035	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0036	For Each Additional Stop, Add	3,155.00	
		Note: Deduct if < 3 stops.		
14290-0020	EA	6" Piston (Hydraulic) Unit Up To 3 Stories (2500# x 100 FPM)	21,285.27	
		Note: Includes Replacing Existing Piston, Hydraulic Pump, Motor Supply Lines, Hydraulic Valves And Ports		
	14MOD-0034	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0035	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0036	For Each Additional Stop, Add	3,155.00	
		Note: Deduct if < 3 stops.		
14290-0021	EA	8" Piston (Hydraulic) Unit Up To 3 Stories (3000# x 100 FPM)	32,957.20	
		Note: Includes Replacing Existing Piston, Hydraulic Pump, Motor Supply Lines, Hydraulic Valves And Ports		
	14MOD-0034	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0035	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0036	For Each Additional Stop, Add	3,155.00	
		Note: Deduct if < 3 stops.		
14290-0022	EA	10" Piston (Hydraulic) Unit Up To 3 Stories (4000# x 100 FPM)	45,787.09	
		Note: Includes Replacing Existing Piston, Hydraulic Pump, Motor Supply Lines, Hydraulic Valves And Ports		
	14MOD-0034	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0035	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0036	For Each Additional Stop, Add	3,155.00	
		Note: Deduct if < 3 stops.		
14290-0023	EA	12" Piston (Hydraulic) Unit Up To 3 Stories (6000# x 100 FPM)	54,969.86	
		Note: Includes Replacing Existing Piston, Hydraulic Pump, Motor Supply Lines, Hydraulic Valves And Ports		
	14MOD-0034	For Each Additional 50 FPM, Add	3,475.00	
	14MOD-0035	For Each Additional 500 LB, Add	3,475.00	
	14MOD-0036	For Each Additional Stop, Add	3,155.00	
		Note: Deduct if < 3 stops.		
14290-0024	EA	Replace Multi-Port Controller Valve System.....	7,390.97	
14290-0025	SET	Car Roller Guide Assembly, Set Of Four	3,396.30	436.33
14290-0026	EA	New Door Opening, Excluding Buildback	6,764.97	
14290-0027	SF	Cab Flooring, Epoxy Aggregate Flooring.....	12.53	4.00
14290-0028	SF	Cab Flooring, Aluminum Diamond Plate	31.60	5.81
14290-0029	EA	Car Stop Electronic Leveling Device (Per Car).....	3,392.59	290.89
14290-0030	EA	Electronic Leveling Device At Stop (Per Stop).....	745.92	109.09
14290-0031	EA	Hoistway Door Hangers Set.....	656.42	109.09
14290-0032	EA	Hoistway Door Closer Set.....	286.63	58.18
14290-0033	EA	Hoistway Door Interlock Set.....	460.69	90.90
14290-0034	EA	Fire Service Switch Controller.....	1,585.71	109.09
14290-0035	EA	Car Door Operators With ADA Buzzer.....	6,280.98	145.44
14290-0036	EA	Car Door Safety Edges (Infrared Proximity Type Edge)	4,539.90	145.44

14000 Conveying Systems**14200 Elevators****14290 Elevator Renovation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14290-0037 EA Car Operating Panel (ADA, Fire, Position, Chime)	9,839.11	
14290-0038 EA Car Position LED Indicator And Cover Plate, Stainless Steel	414.94	50.91
14290-0039 EA Car Traveling Lanterns With Audible Signal	2,902.50	218.17
14290-0040 EA Hoistway Door Jam Floor Tags (Braille)	90.89	
14290-0041 EA Lobby Vandal Resistant Call Station.....	546.85	72.72
14290-0042 EA Car Voice Synthesized Floor Announcement Module	2,976.16	
14290-0043 LF Traveling Cable (140 Conductors, #16 AWG Type ETT).....	13.91	5.45
14290-0044 LF Governor Cable.....	5.83	2.54
14290-0045 EA Cab Walls Coverings (3500#, Rigid Stainless Steel)	9,273.15	581.79
14290-0046 EA Remove And Replace Governor	4,316.97	
14290-0047 EA Remove And Replace Car Station	6,231.39	
14290-0048 EA Remove And Replace Telephone.....	2,595.78	
14290-0049 EA Remove And Replace Lanterns	1,870.68	
14290-0050 EA Hall Call Buttons, Vandal Resistant	390.97	90.90
14290-0051 EA Hall Traveling Lanterns With Audible Signal	742.62	127.27
14290-0052 EA Add Raised Character (Braille) Signage To Control Panel	61.06	
14290-0053 EA Reprogram Existing Controller, Signal Fixtures	17,804.90	
14290-0054 EA New Walls And Platform, Plastic Laminate, For 5' x 7' Cab	8,668.45	363.61
14290-0055 EA New Walls And Platform, Plastic Laminate With Shell, For 5' x 7' Cab	12,423.54	436.33
14290-0056 EA Replace Elevator Or Hoistway Doors, Baked Enamel	7,880.41	509.05
14290-0057 EA Reopening Device, Manual.....	3,171.42	254.53
14290-0058 EA Reopening Device, Automatic.....	16,518.00	254.53
14290-0059 EA Elevator Pit Ladder	1,030.00	290.89
14290-0060 EA New Walls And Platform, Partial Cab Plastic Laminate, For 5' x 7' Cab	8,883.41	363.61
14290-0061 LF Replace Lifting Cable, 3/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5.....	10.68	5.45
14290-0062 LF Replace Lifting Cable, 1/2" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 8.0, EHS Traction Steel - 9.7.....	11.94	5.45
14290-0063 LF Replace Lifting Cable, 5/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4.....	13.56	5.45
14290-0064 EA Aluminum Handrail Spacers With Set Screw	19.87	3.83
14290-0065 EA Bronze Handrail Spacers With Set Screw.....	33.10	3.83
14290-0066 LF 1/2" x 2" Obround Stainless Steel Elevator Handrail.....	44.42	2.87
14290-0067 LF 3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	61.73	2.87
14290-0068 LF 3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	83.49	3.07
14290-0069 LF 3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	97.36	2.87
14290-0070 LF 3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	118.10	3.07
14290-0071 LF 3/8" x 2" Flat Bar Bronze Elevator Handrail, Brushed Finish	75.98	2.87
14290-0072 LF 3/8" x 3" Flat Bar Bronze Elevator Handrail, Brushed Finish	97.74	3.07
14290-0073 LF 3/8" x 2" Flat Bar Bronze Elevator Handrail, Mirror Finish	104.49	2.87
14290-0074 LF 3/8" x 3" Flat Bar Bronze Elevator Handrail, Mirror Finish	126.24	3.07
14290-0075 LF 3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish.....	65.45	2.87
14290-0076 LF 3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	71.50	2.87
14290-0077 LF 3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish.....	96.11	3.07
14290-0078 LF 3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	108.23	3.07
14290-0079 LF 3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish.....	100.92	2.87
14290-0080 LF 3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish.....	107.85	2.87
14290-0081 LF 3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	125.53	3.07
14290-0082 LF 3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	137.65	3.07
14290-0083 LF 3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	75.98	2.87
14290-0084 LF 3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	83.11	2.87
14290-0085 LF 3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	111.99	3.07
14290-0086 LF 3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	126.24	3.07
14290-0087 LF 3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	117.72	2.87
14290-0088 LF 3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	125.86	2.87
14290-0089 LF 3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	146.60	3.07
14290-0090 LF 3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	160.86	3.07

14300 Escalators And Moving Walks (14000)**14310 Escalators** (14300)**14310-0001 Escalators Stainless Steel Construction** (14310)

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14310-0002 EA Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height.....	198,457.18	7,999.50
14310-0003 EA Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height.....	217,491.25	9,453.95
14310-0004 EA Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height.....	236,313.65	10,908.42
14310-0005 EA Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height.....	259,084.84	13,090.09
14310-0006 EA Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height.....	286,696.73	14,544.55
14310-0007 EA Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height.....	210,279.72	8,508.56
14310-0008 EA Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height.....	230,642.54	10,181.18
14310-0009 EA Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height.....	249,335.16	11,635.64
14310-0010 EA Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height.....	278,088.73	14,617.27
14310-0011 EA Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height.....	300,902.21	15,708.11
14310-0012 EA Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height.....	222,249.52	9,017.62
14310-0013 EA Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height.....	244,225.12	10,908.42
14310-0014 EA Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height.....	261,893.25	12,362.87
14310-0015 EA Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height.....	298,014.88	15,417.22
14310-0016 EA Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height.....	316,789.22	16,871.68



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14310-0017 EA Escalator Fire Shutter Fusible Link.....	31,813.06	290.89
14320 Moving Sidewalks <small>(14300)</small>		
14320-0001 Moving Sidewalks <small>(14320)</small>		
Note: Prices are medians. Includes safety rails.		
14320-0002 LF Moving Sidewalks, 28" Wide.....	1,855.47	174.53
14MOD-0037 For Each LF Of Ramp Or Sloped Sections, Add	329.21	
14320-0003 LF Moving Sidewalks, 36" Wide.....	2,629.00	178.17
14MOD-0037 For Each LF Of Ramp Or Sloped Sections, Add	483.05	
14320-0004 LF Moving Sidewalks, 48" Wide.....	3,007.03	185.44
14MOD-0037 For Each LF Of Ramp Or Sloped Sections, Add	556.91	
14320-0005 LF Moving Sidewalks, 54" Wide.....	3,490.40	201.15
14MOD-0037 For Each LF Of Ramp Or Sloped Sections, Add	649.81	
14390 Moving Stairs And Walks Maintenance <small>(14300)</small>		
14390-0001 Maintenance <small>(14390)</small>		
14390-0002 EA Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit).....	459.44	
14390-0003 HR Escalator Servicing, Labor Only.....	76.57	
14390-0004 EA Acceptance Test Of Escalators And Moving Walks.....	2,526.89	
14390-0005 Modernization <small>(14390)</small>		
14390-0006 EA Replace 28" Wide Escalator Stair Tread.....	1,521.36	
14390-0007 EA Replace 36" Wide Escalator Stair Tread.....	1,648.82	
14390-0008 EA Replace 48" Wide Escalator Stair Tread.....	1,747.66	
14390-0009 EA Replace 54" Wide Escalator Stair Tread.....	1,894.94	
14390-0010 LF Replace Sliding Handrail.....	136.93	
14400 Lifts <small>(14000)</small>		
14415 Chair Lifts <small>(14400)</small>		
14415-0001 Chair Lift-Stair Climber <small>(14415)</small>		
Note: Includes landing, rails, lifting device and gates.		
14415-0002 EA Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300# Capacity.....	3,285.23	344.58
Note: Includes top and bottom call button, safety chair, track, and power unit.		
14420 Wheelchair Lifts <small>(14400)</small>		
14420-0001 Shorty Wheelchair Lift <small>(14420)</small>		
14420-0002 EA 36" Vertical Travel Wheelchair Platform Scissor Lift.....	5,839.39	229.72
Note: 1000 LB capacity. Includes handrails and manual ramp.		
14MOD-0041 For Accordion Safety Skirt, Add	998.00	
14MOD-0042 For Removable Handrails, Add	100.00	
14MOD-0043 For Power Operated Ramp, Add	885.00	
14MOD-0044 For Upper Or Lower Interlock, Add	538.00	
14420-0003 EA 42" Vertical Travel Wheelchair Platform Scissor Lift.....	5,839.39	229.72
Note: 1000 LB capacity. Includes handrails and manual ramp.		
14MOD-0038 For 2000 LB Capacity, Add	600.00	
14MOD-0039 For 3000 LB Capacity, Add	1,000.00	
14MOD-0040 For 4000 LB Capacity, Add	1,500.00	
14MOD-0041 For Accordion Safety Skirt, Add	998.00	
14MOD-0042 For Removable Handrails, Add	100.00	
14MOD-0043 For Power Operated Ramp, Add	885.00	
14MOD-0044 For Upper Or Lower Interlock, Add	538.00	
14420-0004 EA 70" Vertical Travel Wheelchair Platform Scissor Lift.....	7,992.47	306.29
Note: 1000 LB capacity. Includes handrails and manual ramp.		
14MOD-0038 For 2000 LB Capacity, Add	600.00	
14MOD-0039 For 3000 LB Capacity, Add	1,000.00	
14MOD-0040 For 4000 LB Capacity, Add	1,500.00	
14MOD-0041 For Accordion Safety Skirt, Add	998.00	
14MOD-0042 For Removable Handrails, Add	100.00	
14MOD-0043 For Power Operated Ramp, Add	885.00	
14MOD-0044 For Upper Or Lower Interlock, Add	538.00	
14420-0005 EA 84" Vertical Travel Wheelchair Platform Scissor Lift.....	8,992.47	306.29
Note: 1000 LB capacity. Includes handrails and manual ramp.		
14MOD-0038 For 2000 LB Capacity, Add	600.00	
14MOD-0039 For 3000 LB Capacity, Add	1,000.00	
14MOD-0040 For 4000 LB Capacity, Add	1,500.00	
14MOD-0041 For Accordion Safety Skirt, Add	998.00	
14MOD-0042 For Removable Handrails, Add	100.00	
14MOD-0043 For Power Operated Ramp, Add	885.00	
14MOD-0044 For Upper Or Lower Interlock, Add	538.00	
14420-0006 EA 18" Travel Wheelchair Incline Lift.....	11,120.16	612.58
Note: 500 LB capacity, interior installation		

14000 Conveying Systems**14600 Hoists And Cranes**

14420 Wheelchair Lifts


 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
14600 Hoists And Cranes (14000)14610 Fixed Hoists (14600)14610-0001 Electric Hoists (14610)14610-0002 Electric Industrial Chain Hoists (14610-0001)

Note: Includes 20' of chain. Excludes beams. See CSI section 05180-0000 for additional chain.

14610-0003	EA 500 LB Capacity, Electric Industrial Chain Hoist.....	2,297.88	222.06
	14MOD-0045 For Hand Operation, Deduct	-926.20	
	14MOD-0046 For DC Electrical Operated, Add	463.10	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0004	EA 1,000 LB Capacity, Electric Industrial Chain Hoist.....	2,399.17	222.06
	14MOD-0045 For Hand Operation, Deduct	-976.25	
	14MOD-0046 For DC Electrical Operated, Add	488.13	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0005	EA 2,000 LB Capacity, Electric Industrial Chain Hoist.....	2,654.00	222.06
	14MOD-0045 For Hand Operation, Deduct	-1,100.00	
	14MOD-0046 For DC Electrical Operated, Add	550.00	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0006	EA 3,000 LB Capacity, Electric Industrial Chain Hoist.....	4,010.99	229.72
	14MOD-0045 For Hand Operation, Deduct	-1,768.80	
	14MOD-0046 For DC Electrical Operated, Add	884.40	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0007	EA 4,000 LB Capacity, Electric Industrial Chain Hoist.....	3,453.25	229.72
	14MOD-0045 For Hand Operation, Deduct	-1,487.20	
	14MOD-0046 For DC Electrical Operated, Add	743.60	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0008	EA 5,000 LB Capacity, Electric Industrial Chain Hoist.....	4,946.42	237.37
	14MOD-0045 For Hand Operation, Deduct	-2,221.45	
	14MOD-0046 For DC Electrical Operated, Add	1,110.73	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0009	EA 6,000 LB Capacity, Electric Industrial Chain Hoist.....	4,466.73	260.35
	14MOD-0045 For Hand Operation, Deduct	-1,938.75	
	14MOD-0046 For DC Electrical Operated, Add	969.38	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0010	EA 7,500 LB Capacity, Electric Industrial Chain Hoist.....	5,530.03	321.60
	14MOD-0045 For Hand Operation, Deduct	-2,462.90	
	14MOD-0046 For DC Electrical Operated, Add	1,231.45	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0011	EA 10,000 LB Capacity, Electric Industrial Chain Hoist.....	6,573.46	345.81
	14MOD-0045 For Hand Operation, Deduct	-2,987.60	
	14MOD-0046 For DC Electrical Operated, Add	1,493.80	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0012	EA 15,000 LB Capacity, Electric Industrial Chain Hoist.....	10,586.02	360.84
	14MOD-0045 For Hand Operation, Deduct	-4,931.85	
	14MOD-0046 For DC Electrical Operated, Add	2,465.93	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0013	EA 20,000 LB Capacity, Electric Industrial Chain Hoist.....	12,687.47	375.88
	14MOD-0045 For Hand Operation, Deduct	-5,966.95	
	14MOD-0046 For DC Electrical Operated, Add	2,983.48	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0014	EA 25,000 LB Capacity, Electric Industrial Chain Hoist.....	17,565.07	390.91
	14MOD-0045 For Hand Operation, Deduct	-8,389.70	
	14MOD-0046 For DC Electrical Operated, Add	4,194.85	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	
14610-0015	EA 30,000 LB Capacity, Electric Industrial Chain Hoist.....	22,487.22	428.51
	14MOD-0045 For Hand Operation, Deduct	-10,813.00	
	14MOD-0046 For DC Electrical Operated, Add	5,406.50	
	14MOD-0047 For Each LF Copper Conductor Bar, Add	10.50	

14695 Hoists And Crane Maintenance (14600)14695-0001 Maintenance (14695)

14695-0002	EA Regular Inspection.....	269.05
14695-0003	HR Hoist Or Crane Servicing, Labor Only.....	75.24
14695-0004	MO Hoist Or Crane Maintenance Contract.....	548.80

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CTC Information:

- ☑ This Construction Task Catalog® was developed by The Gordian Group, Inc. specifically for **County of Los Angeles Internal Services Department**, and published in November 2011.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **County of Los Angeles Internal Services Department**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

The Unit Prices Include:**LABOR COSTS:**

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.
- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.
- ☑ Labor costs include time lost for normal work breaks, layout, measuring and cutting to fit, clean-up of regular construction debris, inspection, permit compliance, job meetings and start-up.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task including rigging and mobilization, except large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.) which exclude mobilization.

- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material being installed and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ Unit Prices include delivery, unloading and storing materials, tools and equipment on site; moving, materials, tools and equipment from storage area or truck up to 2 ½ stories (2 stories with an attic) and within 125' to reach the site.
- ☑ Unit prices exclude moving material and equipment greater than 2 ½ stories and handling material and equipment more than 125' (See 01660).
- ☑ Unit prices for imported materials (aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.

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- Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

Demolition:

- Unit prices for demolition include all labor, equipment and material required for the complete removal of the required items; clean-up of the area; and transferring down 2 ½ stories and within 125' of the site into a truck or dumpster for debris or to a designated area for owner requested items.
- Unit prices for demolition exclude costs for hauling (See 02119), dump fees (See 02119), dumpsters (See 01510), trash chutes (See 01510), and handling materials more than 2 ½ stories or more than 125' from the site (See 01660), unless the task description states otherwise.
- If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- The description "replace" includes the demolition of the existing item and the installation of the new item.

- The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- The description "reinstall" includes the cleaning and installation of the existing item.
- Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

The Adjustment Factors Include:

BUSINESS COSTS:

- Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
 - home office overhead
 - insurance, bonds, and indemnification
 - project meetings, training, management and supervision
 - mobilization and close-out for the contract and each Job Order and
 - project office staff and equipment.
- Profit.
- Subcontractor's overhead and profit.
- All taxes for which a waiver is not available including material sales tax and equipment rental.
- Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- Cost of financing the work.
- Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

- Services required to obtain filings and permits.
- Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- Incidental engineering and architectural services.
- Office trailer and portable toilets for Contractor's use.
- Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- Personnel safety equipment (hard hats, ropes, harness, etc.) and basic safety signage, railings, minor barricades, tape, roping, cable, markings, cones, etc.
- Meeting Owner security requirements.
- Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- Removing and returning Owner's furniture and furnishings (chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- Protection of all surfaces including those not in the scope of work from construction dust, debris or damage during construction up until final acceptance. The methods of protection including plastic, paper, sealing doors or windows, etc. are the Contractor's responsibility.
- Daily clean-up.
- Final professional project clean-up.
- Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.

- Costs resulting from productivity loss.
- Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- Differences in project size; complexity and location.
- All costs for other than discreet items of work specifically required to complete a particular Job Order.

PRICE VARIATIONS:

- Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to verify the unit prices and to modify their Adjustment Factors accordingly.

GENERAL COSTS:

- This list is not exhaustive and is intended to provide general examples of cost items to be included in the Contractor's Adjustment Factor as defined in the Contract.
- The only compensation to be paid to a Contractor for the unit price tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor
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- No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

ASSEMBLIES:

- ☑ Assembly unit prices take precedence over individual component pricing.

TESTING:

- ☑ Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

MISCELLANEOUS:

- ☑ For the purpose of quantity discounts, quantities are calculated on a per project basis. The quantity discount applies to the total quantity so determined.
- ☑ Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.
- ☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard.

Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

- Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the site, unless otherwise directed by the Owner.

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

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

STANDARD GEOMETRY:**Circle**

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2)\text{height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius})\text{height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

 $\pi = 3.14159$ **United Inch**

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

TRADEMARKS

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15000 Mechanical

15010 General Provisions (15000)

Note: Mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 16151-0000 for electrical connection, 16155-0000 for starter, 16170-0000 for disconnect.

15041 Lock Out/Tag Out (15010)

Note: Includes the installation and removal of identifying markers and securing equipment.

15041-0001 Lock Out/Tag Out System (15041)

15041-0002	EA	Lock Out/Tag Out Valve, To 1"	16.86
15041-0003	EA	Lock Out/Tag Out Valve, > 1" To 3"	20.22
15041-0004	EA	Lock Out/Tag Out Valve, > 3" To 6"	23.59
15041-0005	EA	Lock Out/Tag Out Valve, > 6" To 10"	26.97
15041-0006	EA	Lock Out/Tag Out Valve, > 10" To 14"	33.70
15041-0007	EA	Lock Out/Tag Out Padlock System	13.48
15041-0008	EA	Lock Out/Tag Out Tag	2.29

15042 Systems Identification (15010)

15042-0001 Pipe Marker Snap-On Type Plastic (15042)

Note: Outside diameters include insulation where necessary.

15042-0002	EA	1/2" Outside Diameter Snap-On Plastic Marker	9.10
15042-0003	EA	3/4" Outside Diameter Snap-On Plastic Marker	9.27
15042-0004	EA	1" Outside Diameter Snap-On Plastic Marker	9.36
15042-0005	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	9.51
15042-0006	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	10.73
15042-0007	EA	2" Outside Diameter Snap-On Plastic Marker	11.03
15042-0008	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	16.20
15042-0009	EA	3" Outside Diameter Snap-On Plastic Marker	16.44
15042-0010	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	16.70
15042-0011	EA	4" Outside Diameter Snap-On Plastic Marker	16.84
15042-0012	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	16.99
15042-0013	EA	5" Outside Diameter Snap-On Plastic Marker	17.13
15042-0014	EA	6" Outside Diameter Snap-On Plastic Marker	17.87
15042-0015	EA	7" Outside Diameter Snap-On Plastic Marker	18.03
15042-0016	EA	8" Outside Diameter Snap-On Plastic Marker	21.59
15042-0017	EA	10" Outside Diameter Snap-On Plastic Marker	22.53
15042-0018	EA	12" Outside Diameter Snap-On Plastic Marker	26.11
15042-0019	EA	14" Outside Diameter Snap-On Plastic Marker	29.89

15042-0020 Pipe Markers Pressure-Sensitive (15042)

Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.

15042-0021	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	7.93
15042-0022	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	8.27
15042-0023	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	8.94
15042-0024	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	9.08
15042-0025	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	9.72
15042-0026	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	9.93
15042-0027	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.25
15042-0028	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.52
15042-0029	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.72
15042-0030	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.93
15042-0031	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.35
15042-0032	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.80
15042-0033	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.21
15042-0034	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.60
15042-0035	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.66
15042-0036	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.81
15042-0037	EA	12" Outside Diameter Press-Sensitive Marker Stick-on	18.50

15042-0038 Valve Identification Tag (15042)

Note: Includes "S" hook

15042-0039	EA	2" Diameter Identification Tag, Brass	6.66
15042-0040	EA	1-1/2" Diameter Identification Tag, Plastic	6.32
15042-0041	EA	1-1/2" Diameter Identification Tag, Brass	6.21

15043 Certified Balancing Of HVAC Systems (15010)

Note: New equipment includes testing, balancing and preparing and filing of report. Use these tasks for testing and balancing of existing systems.

15043-0001 Heating And Ventilating Equipment (15043)

15043-0002	EA	Balancing Centrifugal Fans	301.54
15MOD-0001		For Testing Of Unit Without Balancing, Deduct	-150.77

15000 Mechanical**15010 General Provisions****15043 Certified Balancing Of HVAC Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15043-0003	EA	Balancing Heating And Ventilating Units.....	376.78	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-188.39	
15043-0004	EA	Balancing In-Line Fan.....	339.24	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-169.62	
15043-0005	EA	Balancing Propeller And Wall Fan.....	75.39	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-37.70	
15043-0006	EA	Balancing Roof Exhaust Fan.....	226.15	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-113.08	
15043-0007	EA	Balancing Wall Fan.....	56.53	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-28.27	
15043-0008	EA	Balancing Fan Section Exhaust.....	301.06	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-150.53	
15043-0009		Air Conditioning Equipment⁽¹⁵⁰⁴³⁾		
15043-0010	EA	Balancing Constant Volume Air Handling Unit.....	496.85	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-248.43	
15043-0011	EA	Balancing Package A/C Unit.....	186.32	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-93.16	
15043-0012	EA	Balancing Rooftop Heat And Cool Unit.....	248.42	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-124.21	
15043-0013	EA	Balancing Variable Volume Air Handling Unit.....	869.48	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-434.74	
15043-0014		Registers, Diffusers, Terminal Air Units And Dampers⁽¹⁵⁰⁴³⁾		
15043-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser.....	56.54	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-28.27	
15043-0016	EA	Balancing HVAC Duct System, Ceiling Height > 12' Supply, Return, Exhaust, Register And Diffuser.....	94.24	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-47.12	
15043-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser.....	49.00	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-24.50	
15043-0018	EA	Balance Variable Air Volume Box.....	53.09	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-26.55	
15043-0019	EA	Balance Constant Volume Box.....	53.09	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-26.55	
15043-0020	EA	Balance Fan Powered Box.....	60.31	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-30.16	
15043-0021	EA	Balance Lab Fume Hood.....	245.01	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-122.51	
15043-0022	EA	Balance General Hood.....	188.46	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-94.23	
15043-0023	EA	Balance Induction Unit.....	113.08	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-56.54	
15043-0024	EA	Balance Moduline - Master.....	45.22	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-22.61	
15043-0025	EA	Balance Moduline - Slave.....	22.61	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-11.31	
15043-0026	EA	Balance Dampers.....	21.00	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-10.50	
15043-0027	EA	Balance Regenerators.....	301.06	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-150.53	
15043-0028		Water Balancing Of Components⁽¹⁵⁰⁴³⁾		
15043-0029	EA	Water Balance, Air Cool Condenser.....	341.61	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-170.81	
15043-0030	EA	Water Balance, Cabinet Heater.....	43.48	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-21.74	
15043-0031	EA	Water Balance, Chiller, Air Cooled.....	372.60	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-186.30	
15043-0032	EA	Water Balance, Chiller, Water Cooled.....	496.85	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-248.43	
15043-0033	EA	Water Balance, Cooling Tower.....	248.42	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-124.21	
15043-0034	EA	Water Balance, Fan Coil And Vent.....	62.14	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-31.07	
15043-0035	EA	Water Balance, Fin Tube And Radiant Panel.....	62.11	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-31.06	
15043-0036	EA	Water Balance, Main And Duct Re-Heat Coil.....	68.32	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-34.16	
15043-0037	EA	Water Balance, Pumps.....	186.32	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-93.16	
15043-0038	EA	Water Balance, Unit Heater.....	43.48	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-21.74	
15043-0039	EA	Water Balancing, Converter.....	186.39	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-93.20	
15043-0040	EA	Water Balancing, Cocks And Valves.....	31.05	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-15.53	
15043-0041	EA	Water Balance, Convectector.....	37.26	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-18.63	
15043-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves.....	46.58	
	15MOD-0001	For Testing Of Unit Without Balancing, Deduct	-23.29	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15043-0043	EA Water Balance, Boiler, Up To 500 MBH 15MOD-0001 For Testing Of Unit Without Balancing, Deduct	403.68 -201.84	
15043-0044	EA Water Balance, Boiler, >500 To 1000 MBH 15MOD-0001 For Testing Of Unit Without Balancing, Deduct	745.27 -372.64	
15043-0045	EA Water Balance, Boiler, >1000 MBH 15MOD-0001 For Testing Of Unit Without Balancing, Deduct	1,366.34 -683.17	

15044 Tap Existing Pipe (15010)

15044-0001	Hot Taps <small>(15044)</small>	
Note: Includes saddle and valve		
15044-0002	EA Hot Taps, 2" Or Less, Maximum Per Day, 6	373.10
15044-0003	EA Additional Taps, Hot Taps, 2" Or Less, Same Day	85.79
15044-0004	EA Extra Per Day, Hot Taps, 2" Or Less, Standby	196.37
15044-0005	EA Hot Taps, 3", Maximum Per Day, 4	517.10
15044-0006	EA Additional Taps, Hot Taps, 3", Same Day	170.19
15044-0007	EA Extra Per Day, Hot Taps, 3", Standby	261.83
15044-0008	EA Hot Taps, 4", Maximum Per Day, 4	523.65
15044-0009	EA Additional Taps, Hot Taps, 4", Same Day	180.76
15044-0010	EA Extra Per Day, Hot Taps, 4", Standby	261.83
15044-0011	EA Hot Taps, 6", Maximum Per Day, 3	595.65
15044-0012	EA Additional Taps, Hot Taps, 6", Same Day	248.73
15044-0013	EA Extra Per Day, Hot Taps, 6", Standby	274.92
15044-0014	EA Hot Taps, 8", Maximum Per Day, 3	654.56
15044-0015	EA Additional Taps, Hot Taps, 8", Same Day	301.10
15044-0016	EA Extra Per Day, Hot Taps, 8", Standby	281.46
15044-0017	EA Hot Taps, 10", Maximum Per Day, 3	680.75
15044-0018	EA Additional Taps, Hot Taps, 10", Same Day	327.28
15044-0019	EA Extra Per Day, Hot Taps, 10", Standby	288.01
15044-0020	EA Hot Taps, 12", Maximum Per Day, 2	733.11
15044-0021	EA Additional Taps, Hot Taps, 12", Same Day	379.65
15044-0022	EA Extra Per Day, Hot Taps, 12", Standby	288.01

15044-0023	Freeze Pipe Using CO2 Kit <small>(15044)</small>	
Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.		
15044-0024	EA Up To 2" Freeze Pipe Using CO2 Kit	100.76

15044-0025	Freeze Pipe Using Nitrogen <small>(15044)</small>	
Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.		
15044-0026	EA Up To 4" Pipe Freezing Using Nitrogen	909.45
Note: For Each Location (Includes Freezing On Each Side Of Valve Or Fitting)		
15044-0027	EA 6" To 12" Pipe Freezing Using Nitrogen	1,818.89
Note: For Each Location (Includes Freezing On Each Side Of Valve Or Fitting)		

15046 Permits, Special Fees, And Licenses (15010)

Note: Review general conditions of the contract pertaining to permits.

15046-0001	AQMD Permit Costs <small>(15046)</small>	
15046-0002	EA Processing Fee - 5 To 20 Million	4,489.19
15046-0003	EA Processing Fee - 5 To 20 Million, Duplicate (Same Model Number)	2,244.60
15046-0004	EA Permit To Operate - 5 To 20 Million, (Annual Fee)	888.98
15046-0005	EA Processing Fee - 2 To 5 Million	1,743.56
15046-0006	EA Processing Fee - 2 To 5 Million, Duplicate (Same Model Number)	871.78
15046-0007	EA Permit To Operate - 2 To 5 Million, (Annual Fee)	264.15

15048 Testing, Startup, And Commissioning (15010)

Note: Used for existing systems where necessary. New systems includes all necessary testing, startup, and checkout. New air filters shall be provided on HVAC equipment prior to turn over to Owner.

15048-0001	Non-Destructive Testing <small>(15048)</small>	
15048-0002	X-Ray Of Welds <small>(15048-0001)</small>	
15048-0003	X-Ray Minimum Set-Up Charge <small>(15048-0002)</small>	
15048-0004	EA X-Ray Minimum Set-Up Charge	500.00
Note: For projects where the total charges are less than the minimum set-up charge. Use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
15048-0005	Piping Systems <small>(15048-0002)</small>	
15048-0006	EA Non-Destructive Test, X-Ray Welds Of 1/2" - 3/4" Diameter Pipe	51.23
15048-0007	EA Non-Destructive Test, X-Ray Welds Of 1" Diameter Pipe	58.30
15048-0008	EA Non-Destructive Test, X-Ray Welds Of 1-1/4" - 1-1/2" Diameter Pipe	65.38
15048-0009	EA Non-Destructive Test, X-Ray Welds Of 2" Diameter Pipe	69.08
15048-0010	EA Non-Destructive Test, X-Ray Welds Of 3" Diameter Pipe	72.80
15048-0011	EA Non-Destructive Test, X-Ray Welds Of 4" Diameter Pipe	76.84

15000 Mechanical**15010 General Provisions****15048 Testing, Startup, And Commissioning**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15048-0012 EA Non-Destructive Test, X-Ray Welds Of 6" Diameter Pipe.....	84.25	
15048-0013 EA Non-Destructive Test, X-Ray Welds Of 8" Diameter Pipe.....	91.66	
15048-0014 EA Non-Destructive Test, X-Ray Welds Of 10" Diameter Pipe.....	95.70	
15048-0015 EA Non-Destructive Test, X-Ray Welds Of 12" Diameter Pipe.....	99.74	
15048-0016 Liquid Penetration Of Welds <small>(15048-0001)</small>		
15048-0017 Piping Systems <small>(15048-0016)</small>		
15048-0018 EA Liquid Penetration Of Welds, 1/2" - 3/4" Diameter Pipe.....	61.48	
15048-0019 EA Liquid Penetration Of Welds, 1" Diameter Pipe.....	64.86	
15048-0020 EA Liquid Penetration Of Welds, 1-1/4" - 1-1/2" Diameter Pipe.....	68.23	
15048-0021 EA Liquid Penetration Of Welds, 2" Diameter Pipe.....	69.91	
15048-0022 EA Liquid Penetration Of Welds, 3" Diameter Pipe.....	72.44	
15048-0023 EA Liquid Penetration Of Welds, 4" Diameter Pipe.....	74.98	
15048-0024 EA Liquid Penetration Of Welds, 6" Diameter Pipe.....	80.03	
15048-0025 EA Liquid Penetration Of Welds, 8" Diameter Pipe.....	85.09	
15048-0026 EA Liquid Penetration Of Welds, 10" Diameter Pipe.....	90.15	
15048-0027 EA Liquid Penetration Of Welds, 12" Diameter Pipe.....	95.21	
15048-0028 Hydrostatic Test <small>(15048-0001)</small>		
Note: Includes flushing and restoring of system		
15048-0029 Piping Systems <small>(15048-0028)</small>		
15048-0030 EA Hydrostatic Test, 0-100 LF, 1/2" - 1-1/2" Diameter Pipe.....	443.73	
15048-0031 EA Hydrostatic Test, 101-250 LF, 1/2" - 1-1/2" Diameter Pipe.....	633.90	
15048-0032 EA Hydrostatic Test, 250-500 LF, 1/2" - 1-1/2" Diameter Pipe.....	759.54	
15048-0033 EA Hydrostatic Test, 500-1000 LF, 1/2" - 1-1/2" Diameter Pipe.....	1,011.71	
15048-0034 EA Hydrostatic Test, 1000-2000 LF, 1/2" - 1-1/2" Diameter Pipe.....	1,532.89	
15048-0035 EA Hydrostatic Test, 0-100 LF Of 2" - 4" Diameter Pipe.....	589.99	
15048-0036 EA Hydrostatic Test, 101-250 LF Of 2" - 4" Diameter Pipe.....	843.09	
15048-0037 EA Hydrostatic Test, 250-500 LF Of 2" - 4" Diameter Pipe.....	1,003.68	
15048-0038 EA Hydrostatic Test, 500-1000 LF Of 2" - 4" Diameter Pipe.....	1,315.21	
15048-0039 EA Hydrostatic Test, 1000-2000 LF Of 2" - 4" Diameter Pipe.....	1,989.69	
15048-0040 EA Hydrostatic Test, 0-100 LF Of 6" - 10" Diameter Pipe.....	768.90	
15048-0041 EA Hydrostatic Test, 101-250 LF Of 6" - 10" Diameter Pipe.....	1,096.02	
15048-0042 EA Hydrostatic Test, 250-500 LF Of 6" - 10" Diameter Pipe.....	1,216.25	
15048-0043 EA Hydrostatic Test, 500-1000 LF Of 6" - 10" Diameter Pipe.....	1,593.37	
15048-0044 EA Hydrostatic Test, 1000-2000 LF Of 6" - 10" Diameter Pipe.....	2,410.48	
15048-0045 EA Hydrostatic Test, 0-100 LF Of 12" - 14" Diameter Pipe.....	998.22	
15048-0046 EA Hydrostatic Test, 101-250 LF Of 12" - 14" Diameter Pipe.....	1,423.13	
15048-0047 EA Hydrostatic Test, 250-500 LF Of 12" - 14" Diameter Pipe.....	1,581.42	
15048-0048 EA Hydrostatic Test, 500-1000 LF Of 12" - 14" Diameter Pipe.....	2,074.21	
15048-0049 EA Hydrostatic Test, 1000-2000 LF Of 12" - 14" Diameter Pipe.....	3,142.75	
15048-0050 Pneumatic Test <small>(15048-0001)</small>		
Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
15048-0051 Piping Systems <small>(15048-0050)</small>		
15048-0052 EA Pneumatic Test, 0-100 LF, 1/2" - 1-1/2" Diameter Pipe.....	504.70	
Note: Includes soaping joints.		
15048-0053 EA Pneumatic Test, 101-250 LF, 1/2" - 1-1/2" Diameter Pipe.....	720.12	
Note: Includes soaping joints.		
15048-0054 EA Pneumatic Test, 251-500 LF, 1/2" - 1-1/2" Diameter Pipe.....	777.84	
Note: Includes soaping joints.		
15048-0055 EA Pneumatic Test, 501-1000 LF, 1/2" - 1-1/2" Diameter Pipe.....	996.43	
Note: Includes soaping joints.		
15048-0056 EA Pneumatic Test, 1001-2000 LF, 1/2" - 1-1/2" Diameter Pipe.....	1,558.75	
Note: Includes soaping joints.		
15048-0057 EA Pneumatic Test, 0-100 LF, 2" - 4" Diameter Pipe.....	658.56	
Note: Includes soaping joints.		
15048-0058 EA Pneumatic Test, 101-250 LF, 2" - 4" Diameter Pipe.....	935.09	
Note: Includes soaping joints.		
15048-0059 EA Pneumatic Test, 251-500 LF, 2" - 4" Diameter Pipe.....	1,011.12	
Note: Includes soaping joints.		
15048-0060 EA Pneumatic Test, 501-1000 LF, 2" - 4" Diameter Pipe.....	1,295.61	
Note: Includes soaping joints.		
15048-0061 EA Pneumatic Test, 1001-2000 LF, 2" - 4" Diameter Pipe.....	2,026.03	
Note: Includes soaping joints.		
15048-0062 EA Pneumatic Test, 0-100 LF, 6" - 10" Diameter Pipe.....	792.99	
Note: Includes soaping joints.		
15048-0063 EA Pneumatic Test, 101-250 LF, 6" - 10" Diameter Pipe.....	1,119.04	
Note: Includes soaping joints.		
15048-0064 EA Pneumatic Test, 251-500 LF, 6" - 10" Diameter Pipe.....	1,331.65	
Note: Includes soaping joints.		
15048-0065 EA Pneumatic Test, 501-1000 LF, 6" - 10" Diameter Pipe.....	1,701.63	
Note: Includes soaping joints.		
15048-0066 EA Pneumatic Test, 1001-2000 LF, 6" - 10" Diameter Pipe.....	2,664.72	
Note: Includes soaping joints.		
15048-0067 EA Pneumatic Test, 0-100 LF, 12" - 14" Diameter Pipe.....	1,032.55	
Note: Includes soaping joints.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15048-0068	EA	Pneumatic Test, 101-250 LF, 12" - 14" Diameter Pipe Note: Includes soaping joints.	1,454.86	
15048-0069	EA	Pneumatic Test, 251-500 LF, 12" - 14" Diameter Pipe Note: Includes soaping joints.	1,731.69	
15048-0070	EA	Pneumatic Test, 501-1000 LF, 12" - 14" Diameter Pipe Note: Includes soaping joints.	2,212.57	
15048-0071	EA	Pneumatic Test, 1001-2000 LF, 12" - 14" Diameter Pipe Note: Includes soaping joints.	3,469.78	
15048-0072		EPA Testing Of Sludge ⁽¹⁵⁰⁴⁸⁾		
15048-0073	EA	Flashpoint And Lead Test For Lead.....	503.14	
15048-0074	EA	Air Test/Combustion Gas Level.....	53.77	
15048-0075	EA	Toxicity Test For Heavy Metals.....	771.39	
15048-0076	EA	Aboveground Tank Water Settlement Test Including Water.....	585.84	
15048-0077		Pipe Disinfection/Flush/Testing ⁽¹⁵⁰⁴⁸⁾ Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution."		
15048-0078	LF	Disinfection/Flush/Testing, 1/2" To 1" Diameter Pipe	1.12	
15048-0079	LF	Disinfection/Flush/Testing, 1-1/4" To 2" Diameter Pipe	1.53	
15048-0080	LF	Disinfection/Flush/Testing, 2-1/2" To 3" Diameter Pipe	2.38	
15048-0081	LF	Disinfection/Flush/Testing, 4" Diameter Pipe	3.28	
15048-0082	LF	Disinfection/Flush/Testing, 6" Diameter Pipe.....	4.04	
15048-0083	LF	Disinfection/Flush/Testing, 8" Diameter Pipe.....	5.11	
15048-0084	LF	Disinfection/Flush/Testing, 10" Diameter Pipe.....	6.73	
15048-0085	LF	Disinfection/Flush/Testing, 12" Diameter Pipe.....	8.08	
15048-0086		Special Cleaning Of Ductwork ⁽¹⁵⁰⁴⁸⁾ Note: Includes sealing registers, grilles, diffusers as required.		
15048-0087	LF	Clean Supply/Return Ductwork, Up To 2 SF Cross Section	2.33	
		<i>15MOD-0002 For Exhaust Ductwork, Add</i>	<i>0.58</i>	
15048-0088	LF	Clean Supply/Return Ductwork, Over 2 SF To 4 SF Cross Section.....	2.92	
		<i>15MOD-0002 For Exhaust Ductwork, Add</i>	<i>0.73</i>	
15048-0089	LF	Clean Supply/Return Ductwork, Over 4 SF To 8 SF Cross Section.....	3.92	
		<i>15MOD-0002 For Exhaust Ductwork, Add</i>	<i>0.98</i>	
15048-0090	LF	Clean Supply/Return Ductwork, Over 8 SF Cross Section	5.53	
		<i>15MOD-0002 For Exhaust Ductwork, Add</i>	<i>1.38</i>	
15048-0091	SF	Clean Duct Dampers	7.86	
15048-0092	SF	Clean Duct Fire Dampers	15.70	
15048-0093	SF	Clean Louver	6.29	
15048-0094	EA	Clean Turning Vane Set	18.85	
15048-0095	EA	Clean Grille/Diffuser/Register	18.85	
		Note: Includes removal and reinstallation.		
15048-0096	EA	Clean Air Handling Unit Fan	150.78	
15048-0097	EA	Clean Air Handling Unit Coil	226.16	
15048-0098	EA	Cleaning Of Ductwork Set-up Charge.....	552.85	
15048-0099		Shut Down Interior Piping System ⁽¹⁵⁰⁴⁸⁾		
15048-0100		Shut Down Existing Piping System ⁽¹⁵⁰⁴⁸⁻⁰⁰⁹⁹⁾		
15048-0101	EA	Shut Down Existing Interior Piping System..... Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	137.90	
15048-0102		Purge Liquid Systems ⁽¹⁵⁰⁴⁸⁻⁰⁰⁹⁹⁾ Note: Includes collection and refilling/recharging of system.		
15048-0103	EA	Purge Liquid System, Up To 100 LF, 1/2" - 1-1/2" Diameter Pipe	221.92	
15048-0104	EA	Purge Liquid System, 101-250 LF, 1/2" - 1-1/2" Diameter Pipe.....	316.95	
15048-0105	EA	Purge Liquid System, 250-500 LF, 1/2" - 1-1/2" Diameter Pipe	379.77	
15048-0106	EA	Purge Liquid System, 500-1000 LF, 1/2" - 1-1/2" Diameter Pipe	401.47	
15048-0107	EA	Purge Liquid System, 1000-2000 LF, 1/2" - 1-1/2" Diameter Pipe.....	766.45	
15048-0108	EA	Purge Liquid System, Up To 100 LF Of 2" - 4" Diameter Pipe.....	295.40	
15048-0109	EA	Purge Liquid System, 101-250 LF Of 2" - 4" Diameter Pipe	421.55	
15048-0110	EA	Purge Liquid System, 250-500 LF Of 2" - 4" Diameter Pipe	501.84	
15048-0111	EA	Purge Liquid System, 500-1000 LF Of 2" - 4" Diameter Pipe	533.60	
15048-0112	EA	Purge Liquid System, 1000-2000 LF Of 2" - 4" Diameter Pipe	1,028.16	
15048-0113	EA	Purge Liquid System, Up To 100 LF Of 6" - 10" Diameter Pipe.....	364.19	
15048-0114	EA	Purge Liquid System, 101-250 LF Of 6" - 10" Diameter Pipe	520.43	
15048-0115	EA	Purge Liquid System, 250-500 LF Of 6" - 10" Diameter Pipe	1,506.80	
15048-0116	EA	Purge Liquid System, 1000-2000 LF Of 6" - 10" Diameter Pipe	2,391.22	
15048-0117		Purge Gas Systems ⁽¹⁵⁰⁴⁸⁻⁰⁰⁹⁹⁾ Note: Includes collection and refilling/recharging of system.		
15048-0118	EA	Purge Gas Systems, 0-100 LF, 1/2" - 1-1/2" Diameter Pipe	311.39	
15048-0119	EA	Purge Gas Systems, 101-250 LF, 1/2" - 1-1/2" Diameter Pipe	444.72	
15048-0120	EA	Purge Gas Systems, 250-500 LF, 1/2" - 1-1/2" Diameter Pipe.....	466.85	
15048-0121	EA	Purge Gas Systems, 500-1000 LF, 1/2" - 1-1/2" Diameter Pipe	514.71	

15000 Mechanical

15010 General Provisions

15048 Testing, Startup, And Commissioning



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15048-0122	EA	Purge Gas Systems, 1000-2000 LF, 1/2" - 1-1/2" Diameter Pipe	932.13	
15048-0123	EA	Purge Gas Systems, 0-100 LF, 2" - 4" Diameter Pipe	418.34	
15048-0124	EA	Purge Gas Systems, 101-250 LF, 2" - 4" Diameter Pipe	600.78	
15048-0125	EA	Purge Gas Systems, 250-500 LF, 2" - 4" Diameter Pipe	635.17	
15048-0126	EA	Purge Gas Systems, 500-1000 LF, 2" - 4" Diameter Pipe	709.21	
15048-0127	EA	Purge Gas Systems, 1000-2000 LF, 2" - 4" Diameter Pipe	1,288.71	
15048-0128	EA	Purge Gas Systems, 0-100 LF, 6" - 10" Diameter Pipe	494.00	
15048-0129	EA	Purge Gas Systems, 101-250 LF, 6" - 10" Diameter Pipe	725.09	
15048-0130	EA	Purge Gas Systems, 250-500 LF, 6" - 10" Diameter Pipe	1,754.81	
15048-0131	EA	Purge Gas Systems, 500-1000 LF, 6" - 10" Diameter Pipe	2,734.45	
15048-0132	EA	Purge Gas Systems, 1000-2000 LF, 6" - 10" Diameter Pipe	5,135.25	

15050 Basic Materials And Methods ⁽¹⁵⁰⁰⁰⁾

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

15061 Steel Pipe ⁽¹⁵⁰⁵⁰⁾

15061-0001 Galvanized Steel Pipe ⁽¹⁵⁰⁶¹⁾

15061-0002 Galvanized Steel Pipe Assemblies ⁽¹⁵⁰⁶¹⁻⁰⁰⁰¹⁾

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

15061-0003	LF	1/2" Galvanized Steel Pipe Assembly	10.72	2.48
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	2.89	
		15MOD-0008 For ASTM 120, Deduct	-0.37	
		15MOD-0076 For Work In Restricted Working Space, Add	2.47	
15061-0004	LF	3/4" Galvanized Steel Pipe Assembly	11.59	2.67
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	3.18	
		15MOD-0008 For ASTM 120, Deduct	-0.43	
		15MOD-0076 For Work In Restricted Working Space, Add	2.62	
15061-0005	LF	1" Galvanized Steel Pipe Assembly	12.39	2.92
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	3.40	
		15MOD-0008 For ASTM 120, Deduct	-0.46	
		15MOD-0076 For Work In Restricted Working Space, Add	2.79	
15061-0006	LF	1-1/4" Galvanized Steel Pipe Assembly	13.84	3.04
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	3.95	
		15MOD-0008 For ASTM 120, Deduct	-0.59	
		15MOD-0076 For Work In Restricted Working Space, Add	2.97	
15061-0007	LF	1-1/2" Galvanized Steel Pipe Assembly	14.63	3.60
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	4.22	
		15MOD-0008 For ASTM 120, Deduct	-0.65	
		15MOD-0076 For Work In Restricted Working Space, Add	3.09	
15061-0008	LF	2" Galvanized Steel Pipe Assembly	17.29	4.35
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	5.13	
		15MOD-0008 For ASTM 120, Deduct	-0.83	
		15MOD-0076 For Work In Restricted Working Space, Add	3.52	
15061-0009	LF	2-1/2" Galvanized Steel Pipe Assembly	22.84	5.15
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	7.29	
		15MOD-0008 For ASTM 120, Deduct	-1.36	
		15MOD-0076 For Work In Restricted Working Space, Add	4.13	
15061-0010	LF	3" Galvanized Steel Pipe Assembly	28.51	6.89
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	9.25	
		15MOD-0008 For ASTM 120, Deduct	-1.78	
		15MOD-0076 For Work In Restricted Working Space, Add	5.00	
15061-0011	LF	4" Galvanized Steel Pipe Assembly	36.48	8.36
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	12.38	
		15MOD-0008 For ASTM 120, Deduct	-2.54	
		15MOD-0076 For Work In Restricted Working Space, Add	5.86	
15061-0012	LF	5" Galvanized Steel Pipe Assembly	46.54	10.68
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	16.20	
		15MOD-0008 For ASTM 120, Deduct	-3.44	
		15MOD-0076 For Work In Restricted Working Space, Add	7.07	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0013	LF 6" Galvanized Steel Pipe Assembly..... Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	57.07	12.63
	15MOD-0003 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	20.50	
	15MOD-0008 For ASTM 120, Deduct	-4.54	
	15MOD-0076 For Work In Restricted Working Space, Add	8.04	
15061-0014	Galvanized Steel Pipe And Threaded Fittings <small>(15061-0001)</small> Note: (ASTM A-53) Threaded and coupled, schedule 40. Includes all couplings. Excludes hangers, elbow, tee, or reducer fittings.		
15061-0015	Threaded And Coupled Galvanized Piping <small>(15061-0014)</small> Note: (ASTM A-53) Includes coupling.		
15061-0016	LF 1/2" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	5.39	2.48
	15MOD-0004 For Schedule 80 Pipe, Add	1.16	
	15MOD-0008 For ASTM 120, Deduct	-0.24	
	15MOD-0076 For Work In Restricted Working Space, Add	1.13	
15061-0017	LF 3/4" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	5.99	2.67
	15MOD-0004 For Schedule 80 Pipe, Add	1.36	
	15MOD-0008 For ASTM 120, Deduct	-0.30	
	15MOD-0076 For Work In Restricted Working Space, Add	1.20	
15061-0018	LF 1" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	6.49	2.92
	15MOD-0004 For Schedule 80 Pipe, Add	1.47	
	15MOD-0008 For ASTM 120, Deduct	-0.32	
	15MOD-0076 For Work In Restricted Working Space, Add	1.30	
15061-0019	LF 1-1/4" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	7.57	3.04
	15MOD-0004 For Schedule 80 Pipe, Add	1.89	
	15MOD-0008 For ASTM 120, Deduct	-0.45	
	15MOD-0076 For Work In Restricted Working Space, Add	1.38	
15061-0020	LF 1-1/2" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	8.86	3.60
	15MOD-0004 For Schedule 80 Pipe, Add	2.20	
	15MOD-0008 For ASTM 120, Deduct	-0.52	
	15MOD-0076 For Work In Restricted Working Space, Add	1.62	
15061-0021	LF 2" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	11.18	4.35
	15MOD-0004 For Schedule 80 Pipe, Add	2.88	
	15MOD-0008 For ASTM 120, Deduct	-0.70	
	15MOD-0076 For Work In Restricted Working Space, Add	1.96	
15061-0022	LF 2-1/2" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	15.14	5.15
	15MOD-0004 For Schedule 80 Pipe, Add	4.32	
	15MOD-0008 For ASTM 120, Deduct	-1.11	
	15MOD-0076 For Work In Restricted Working Space, Add	2.33	
15061-0023	LF 3" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	19.99	6.89
	15MOD-0004 For Schedule 80 Pipe, Add	5.67	
	15MOD-0008 For ASTM 120, Deduct	-1.45	
	15MOD-0076 For Work In Restricted Working Space, Add	3.10	
15061-0024	LF 4" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	26.29	8.36
	15MOD-0004 For Schedule 80 Pipe, Add	7.84	
	15MOD-0008 For ASTM 120, Deduct	-2.06	
	15MOD-0076 For Work In Restricted Working Space, Add	3.77	
15061-0025	LF 5" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	34.59	10.68
	15MOD-0004 For Schedule 80 Pipe, Add	10.53	
	15MOD-0008 For ASTM 120, Deduct	-2.79	
	15MOD-0076 For Work In Restricted Working Space, Add	4.80	
15061-0026	LF 6" Galvanized Steel Pipe ASTM A-53, Threaded And Coupled, Schedule 40.....	43.05	12.63
	15MOD-0004 For Schedule 80 Pipe, Add	13.47	
	15MOD-0008 For ASTM 120, Deduct	-3.62	
	15MOD-0076 For Work In Restricted Working Space, Add	5.68	
15061-0027	90 Degree Elbows, Galvanized Malleable Iron <small>(15061-0014)</small> Note: 150 LB		
15061-0028	EA 1/2" 90 Degree Elbow, 150# Malleable Iron Galvanized Fitting.....	17.23	11.05
	15MOD-0005 For 225 LB Rating, Add	1.39	
	15MOD-0007 For 300 LB Rating, Add	3.31	
	15MOD-0008 For ASTM 120, Deduct	-0.10	
	15MOD-0076 For Work In Restricted Working Space, Add	4.97	
15061-0029	EA 3/4" 90 Degree Elbow, 150# Malleable Iron Galvanized Fitting.....	19.33	12.35
	15MOD-0005 For 225 LB Rating, Add	1.64	
	15MOD-0007 For 300 LB Rating, Add	3.83	
	15MOD-0008 For ASTM 120, Deduct	-0.12	
	15MOD-0076 For Work In Restricted Working Space, Add	5.56	
15061-0030	EA 1" 90 Degree Elbow, 150# Malleable Iron Galvanized Fitting.....	22.23	13.78
	15MOD-0005 For 225 LB Rating, Add	3.16	
	15MOD-0007 For 300 LB Rating, Add	6.48	
	15MOD-0008 For ASTM 120, Deduct	-0.23	
	15MOD-0076 For Work In Restricted Working Space, Add	6.21	
15061-0031	EA 1-1/4" 90 Degree Elbow, 150# Malleable Iron Galvanized Fitting.....	25.83	15.64
	15MOD-0005 For 225 LB Rating, Add	4.94	
	15MOD-0007 For 300 LB Rating, Add	9.60	
	15MOD-0008 For ASTM 120, Deduct	-0.36	
	15MOD-0076 For Work In Restricted Working Space, Add	7.03	

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0032	EA	1-1/2"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	29.58	17.62
	15MOD-0005		For 225 LB Rating, Add	6.50	
	15MOD-0007		For 300 LB Rating, Add	12.36	
	15MOD-0008		For ASTM 120, Deduct	-0.48	
	15MOD-0076		For Work In Restricted Working Space, Add	7.92	
15061-0033	EA	2"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	38.12	22.41
	15MOD-0005		For 225 LB Rating, Add	9.37	
	15MOD-0007		For 300 LB Rating, Add	17.55	
	15MOD-0008		For ASTM 120, Deduct	-0.69	
	15MOD-0076		For Work In Restricted Working Space, Add	10.07	
15061-0034	EA	2-1/2"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	62.87	33.14
	15MOD-0005		For 225 LB Rating, Add	27.10	
	15MOD-0007		For 300 LB Rating, Add	47.93	
	15MOD-0008		For ASTM 120, Deduct	-1.98	
	15MOD-0076		For Work In Restricted Working Space, Add	14.90	
15061-0035	EA	3"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	87.54	43.57
	15MOD-0005		For 225 LB Rating, Add	45.53	
	15MOD-0007		For 300 LB Rating, Add	79.43	
	15MOD-0008		For ASTM 120, Deduct	-3.33	
	15MOD-0076		For Work In Restricted Working Space, Add	19.60	
15061-0036	EA	4"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	111.75	48.88
	15MOD-0005		For 225 LB Rating, Add	78.82	
	15MOD-0007		For 300 LB Rating, Add	135.13	
	15MOD-0008		For ASTM 120, Deduct	-5.77	
	15MOD-0076		For Work In Restricted Working Space, Add	21.99	
15061-0037	EA	5"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	203.76	51.01
	15MOD-0005		For 225 LB Rating, Add	260.90	
	15MOD-0007		For 300 LB Rating, Add	437.31	
	15MOD-0008		For ASTM 120, Deduct	-19.09	
	15MOD-0076		For Work In Restricted Working Space, Add	22.95	
15061-0038	EA	6"	90 Degree Elbow, 150# Malleable Iron Galvanized Fitting	206.24	53.34
	15MOD-0005		For 225 LB Rating, Add	258.87	
	15MOD-0007		For 300 LB Rating, Add	434.15	
	15MOD-0008		For ASTM 120, Deduct	-18.94	
	15MOD-0076		For Work In Restricted Working Space, Add	23.99	
15061-0039			45 Degree Elbows, Galvanized Malleable Iron <small>(15061-0014)</small>		
			Note: 150 LB		
15061-0040	EA	1/2"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	17.61	11.05
	15MOD-0005		For 225 LB Rating, Add	2.17	
	15MOD-0007		For 300 LB Rating, Add	4.60	
	15MOD-0008		For ASTM 120, Deduct	-0.16	
	15MOD-0076		For Work In Restricted Working Space, Add	4.97	
15061-0041	EA	3/4"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	20.03	12.35
	15MOD-0005		For 225 LB Rating, Add	3.08	
	15MOD-0007		For 300 LB Rating, Add	6.21	
	15MOD-0008		For ASTM 120, Deduct	-0.23	
	15MOD-0076		For Work In Restricted Working Space, Add	5.56	
15061-0042	EA	1"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	22.40	13.78
	15MOD-0005		For 225 LB Rating, Add	3.51	
	15MOD-0007		For 300 LB Rating, Add	7.06	
	15MOD-0008		For ASTM 120, Deduct	-0.26	
	15MOD-0076		For Work In Restricted Working Space, Add	6.21	
15061-0043	EA	1-1/4"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	26.57	15.64
	15MOD-0005		For 225 LB Rating, Add	6.46	
	15MOD-0007		For 300 LB Rating, Add	12.12	
	15MOD-0008		For ASTM 120, Deduct	-0.47	
	15MOD-0076		For Work In Restricted Working Space, Add	7.03	
15061-0044	EA	1-1/2"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	30.17	17.62
	15MOD-0005		For 225 LB Rating, Add	7.71	
	15MOD-0007		For 300 LB Rating, Add	14.37	
	15MOD-0008		For ASTM 120, Deduct	-0.56	
	15MOD-0076		For Work In Restricted Working Space, Add	7.92	
15061-0045	EA	2"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	38.42	22.41
	15MOD-0005		For 225 LB Rating, Add	9.98	
	15MOD-0007		For 300 LB Rating, Add	18.57	
	15MOD-0008		For ASTM 120, Deduct	-0.73	
	15MOD-0076		For Work In Restricted Working Space, Add	10.07	
15061-0046	EA	2-1/2"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	67.69	33.14
	15MOD-0005		For 225 LB Rating, Add	36.98	
	15MOD-0007		For 300 LB Rating, Add	64.32	
	15MOD-0008		For ASTM 120, Deduct	-2.71	
	15MOD-0076		For Work In Restricted Working Space, Add	14.90	
15061-0047	EA	3"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	93.08	43.57
	15MOD-0005		For 225 LB Rating, Add	56.89	
	15MOD-0007		For 300 LB Rating, Add	98.27	
	15MOD-0008		For ASTM 120, Deduct	-4.16	
	15MOD-0076		For Work In Restricted Working Space, Add	19.60	
15061-0048	EA	4"	45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	117.28	48.88
	15MOD-0005		For 225 LB Rating, Add	90.16	
	15MOD-0007		For 300 LB Rating, Add	153.93	
	15MOD-0008		For ASTM 120, Deduct	-6.60	
	15MOD-0076		For Work In Restricted Working Space, Add	21.99	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0049 EA 5" 45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	220.56	51.01
15MOD-0005 For 225 LB Rating, Add	295.34	
15MOD-0007 For 300 LB Rating, Add	494.43	
15MOD-0008 For ASTM 120, Deduct	-21.61	
15MOD-0076 For Work In Restricted Working Space, Add	22.95	
15061-0050 EA 6" 45 Degree Elbow, 150# Malleable Iron Galvanized Fitting	233.67	53.34
15MOD-0005 For 225 LB Rating, Add	315.11	
15MOD-0007 For 300 LB Rating, Add	527.41	
15MOD-0008 For ASTM 120, Deduct	-23.06	
15MOD-0076 For Work In Restricted Working Space, Add	23.99	
15061-0051 Straight Tees, Galvanized Malleable Iron (15061-0014)		
Note: 150 LB		
15061-0052 EA 1/2" Tee, Straight, 150# Malleable Iron Galvanized Fitting	21.51	13.78
15MOD-0005 For 225 LB Rating, Add	1.68	
15MOD-0007 For 300 LB Rating, Add	4.03	
15MOD-0008 For ASTM 120, Deduct	-0.12	
15MOD-0076 For Work In Restricted Working Space, Add	6.21	
15061-0053 EA 3/4" Tee, Straight, 150# Malleable Iron Galvanized Fitting	25.29	15.95
15MOD-0005 For 225 LB Rating, Add	2.91	
15MOD-0007 For 300 LB Rating, Add	6.26	
15MOD-0008 For ASTM 120, Deduct	-0.21	
15MOD-0076 For Work In Restricted Working Space, Add	7.16	
15061-0054 EA 1" Tee, Straight, 150# Malleable Iron Galvanized Fitting	30.55	18.80
15MOD-0005 For 225 LB Rating, Add	4.78	
15MOD-0007 For 300 LB Rating, Add	9.62	
15MOD-0008 For ASTM 120, Deduct	-0.35	
15MOD-0076 For Work In Restricted Working Space, Add	8.47	
15061-0055 EA 1-1/4" Tee, Straight, 150# Malleable Iron Galvanized Fitting	37.21	22.41
15MOD-0005 For 225 LB Rating, Add	7.50	
15MOD-0007 For 300 LB Rating, Add	14.46	
15MOD-0008 For ASTM 120, Deduct	-0.55	
15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0056 EA 1-1/2" Tee, Straight, 150# Malleable Iron Galvanized Fitting	44.61	26.69
15MOD-0005 For 225 LB Rating, Add	9.37	
15MOD-0007 For 300 LB Rating, Add	17.94	
15MOD-0008 For ASTM 120, Deduct	-0.69	
15MOD-0076 For Work In Restricted Working Space, Add	12.01	
15061-0057 EA 2" Tee, Straight, 150# Malleable Iron Galvanized Fitting	56.25	33.14
15MOD-0005 For 225 LB Rating, Add	13.53	
15MOD-0007 For 300 LB Rating, Add	25.42	
15MOD-0008 For ASTM 120, Deduct	-0.99	
15MOD-0076 For Work In Restricted Working Space, Add	14.90	
15061-0058 EA 2-1/2" Tee, Straight, 150# Malleable Iron Galvanized Fitting	74.47	35.99
15MOD-0005 For 225 LB Rating, Add	42.03	
15MOD-0007 For 300 LB Rating, Add	72.94	
15MOD-0008 For ASTM 120, Deduct	-3.08	
15MOD-0076 For Work In Restricted Working Space, Add	16.19	
15061-0059 EA 3" Tee, Straight, 150# Malleable Iron Galvanized Fitting	89.36	43.57
15MOD-0005 For 225 LB Rating, Add	49.26	
15MOD-0007 For 300 LB Rating, Add	85.62	
15MOD-0008 For ASTM 120, Deduct	-3.60	
15MOD-0076 For Work In Restricted Working Space, Add	19.60	
15061-0060 EA 4" Tee, Straight, 150# Malleable Iron Galvanized Fitting	149.28	61.76
15MOD-0005 For 225 LB Rating, Add	116.21	
15MOD-0007 For 300 LB Rating, Add	198.30	
15MOD-0008 For ASTM 120, Deduct	-8.50	
15MOD-0076 For Work In Restricted Working Space, Add	27.78	
15061-0061 EA 5" Tee, Straight, 150# Malleable Iron Galvanized Fitting	253.79	73.32
15MOD-0005 For 225 LB Rating, Add	294.87	
15MOD-0007 For 300 LB Rating, Add	495.65	
15MOD-0008 For ASTM 120, Deduct	-21.58	
15MOD-0076 For Work In Restricted Working Space, Add	32.99	
15061-0062 EA 6" Tee, Straight, 150# Malleable Iron Galvanized Fitting	285.29	83.81
15MOD-0005 For 225 LB Rating, Add	327.26	
15MOD-0007 For 300 LB Rating, Add	550.32	
15MOD-0008 For ASTM 120, Deduct	-23.95	
15MOD-0076 For Work In Restricted Working Space, Add	37.70	
15061-0063 Reducing Out Tees, Galvanized Malleable Iron (15061-0014)		
Note: 150 LB		
15061-0064 EA 1/2" Tee, Reducing 150# Malleable Iron Galvanized Fitting	22.45	13.78
15MOD-0005 For 225 LB Rating, Add	3.61	
15MOD-0007 For 300 LB Rating, Add	7.23	
15MOD-0008 For ASTM 120, Deduct	-0.26	
15MOD-0076 For Work In Restricted Working Space, Add	6.21	
15061-0065 EA 3/4" Tee, Reducing 150# Malleable Iron Galvanized Fitting	25.84	15.95
15MOD-0005 For 225 LB Rating, Add	4.04	
15MOD-0007 For 300 LB Rating, Add	8.13	
15MOD-0008 For ASTM 120, Deduct	-0.30	
15MOD-0076 For Work In Restricted Working Space, Add	7.16	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0066 EA 1" Tee, Reducing 150# Malleable Iron Galvanized Fitting	30.97	18.80
15MOD-0005 For 225 LB Rating, Add	5.64	
15MOD-0007 For 300 LB Rating, Add	11.04	
15MOD-0008 For ASTM 120, Deduct	-0.41	
15MOD-0076 For Work In Restricted Working Space, Add	8.47	
15061-0067 EA 1-1/4" Tee, Reducing 150# Malleable Iron Galvanized Fitting	37.78	22.41
15MOD-0005 For 225 LB Rating, Add	8.67	
15MOD-0007 For 300 LB Rating, Add	16.40	
15MOD-0008 For ASTM 120, Deduct	-0.63	
15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0068 EA 1-1/2" Tee, Reducing 150# Malleable Iron Galvanized Fitting	45.31	26.69
15MOD-0005 For 225 LB Rating, Add	10.80	
15MOD-0007 For 300 LB Rating, Add	20.32	
15MOD-0008 For ASTM 120, Deduct	-0.79	
15MOD-0076 For Work In Restricted Working Space, Add	12.01	
15061-0069 EA 2" Tee, Reducing 150# Malleable Iron Galvanized Fitting	58.17	33.14
15MOD-0005 For 225 LB Rating, Add	17.47	
15MOD-0007 For 300 LB Rating, Add	31.95	
15MOD-0008 For ASTM 120, Deduct	-1.28	
15MOD-0076 For Work In Restricted Working Space, Add	14.90	
15061-0070 EA 2-1/2" Tee, Reducing 150# Malleable Iron Galvanized Fitting	77.28	36.12
15MOD-0005 For 225 LB Rating, Add	47.44	
15MOD-0007 For 300 LB Rating, Add	81.92	
15MOD-0008 For ASTM 120, Deduct	-3.47	
15MOD-0076 For Work In Restricted Working Space, Add	16.24	
15061-0071 EA 3" Tee, Reducing 150# Malleable Iron Galvanized Fitting	97.78	44.26
15MOD-0005 For 225 LB Rating, Add	64.39	
15MOD-0007 For 300 LB Rating, Add	110.78	
15MOD-0008 For ASTM 120, Deduct	-4.71	
15MOD-0076 For Work In Restricted Working Space, Add	19.91	
15061-0072 EA 4" Tee, Reducing 150# Malleable Iron Galvanized Fitting	155.31	61.76
15MOD-0005 For 225 LB Rating, Add	128.58	
15MOD-0007 For 300 LB Rating, Add	218.80	
15MOD-0008 For ASTM 120, Deduct	-9.41	
15MOD-0076 For Work In Restricted Working Space, Add	27.78	
15061-0073 EA 5" Tee, Reducing 150# Malleable Iron Galvanized Fitting	201.40	73.32
15MOD-0005 For 225 LB Rating, Add	187.47	
15MOD-0007 For 300 LB Rating, Add	317.53	
15MOD-0008 For ASTM 120, Deduct	-13.72	
15MOD-0076 For Work In Restricted Working Space, Add	32.99	
15061-0074 EA 6" Tee, Reducing 150# Malleable Iron Galvanized Fitting	297.28	83.81
15MOD-0005 For 225 LB Rating, Add	351.84	
15MOD-0007 For 300 LB Rating, Add	591.08	
15MOD-0008 For ASTM 120, Deduct	-25.74	
15MOD-0076 For Work In Restricted Working Space, Add	37.70	
15061-0075 Straight Couplings, Galvanized Malleable Iron (15061-0014)		
Note: 150 LB		
15061-0076 EA 1/2" Coupling, Straight 150# Malleable Iron Galvanized Fitting	17.52	11.05
15MOD-0005 For 225 LB Rating, Add	1.99	
15MOD-0007 For 300 LB Rating, Add	4.29	
15MOD-0008 For ASTM 120, Deduct	-0.15	
15MOD-0076 For Work In Restricted Working Space, Add	4.97	
15061-0077 EA 3/4" Coupling, Straight 150# Malleable Iron Galvanized Fitting	19.65	12.35
15MOD-0005 For 225 LB Rating, Add	2.30	
15MOD-0007 For 300 LB Rating, Add	4.92	
15MOD-0008 For ASTM 120, Deduct	-0.17	
15MOD-0076 For Work In Restricted Working Space, Add	5.56	
15061-0078 EA 1" Coupling, Straight 150# Malleable Iron Galvanized Fitting	22.55	13.78
15MOD-0005 For 225 LB Rating, Add	3.81	
15MOD-0007 For 300 LB Rating, Add	7.57	
15MOD-0008 For ASTM 120, Deduct	-0.28	
15MOD-0076 For Work In Restricted Working Space, Add	6.21	
15061-0079 EA 1-1/4" Coupling, Straight 150# Malleable Iron Galvanized Fitting	25.94	15.64
15MOD-0005 For 225 LB Rating, Add	5.17	
15MOD-0007 For 300 LB Rating, Add	9.97	
15MOD-0008 For ASTM 120, Deduct	-0.38	
15MOD-0076 For Work In Restricted Working Space, Add	7.03	
15061-0080 EA 1-1/2" Coupling, Straight 150# Malleable Iron Galvanized Fitting	29.33	17.62
15MOD-0005 For 225 LB Rating, Add	5.99	
15MOD-0007 For 300 LB Rating, Add	11.51	
15MOD-0008 For ASTM 120, Deduct	-0.44	
15MOD-0076 For Work In Restricted Working Space, Add	7.92	
15061-0081 EA 2" Coupling, Straight 150# Malleable Iron Galvanized Fitting	37.82	22.41
15MOD-0005 For 225 LB Rating, Add	8.75	
15MOD-0007 For 300 LB Rating, Add	16.53	
15MOD-0008 For ASTM 120, Deduct	-0.64	
15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0082 EA 2-1/2" Coupling, Straight 150# Malleable Iron Galvanized Fitting	61.75	33.14
15MOD-0005 For 225 LB Rating, Add	24.81	
15MOD-0007 For 300 LB Rating, Add	44.12	
15MOD-0008 For ASTM 120, Deduct	-1.82	
15MOD-0076 For Work In Restricted Working Space, Add	14.90	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0083 EA 3" Coupling, Straight 150# Malleable Iron Galvanized Fitting.....	81.81	43.57
15MOD-0005 For 225 LB Rating, Add	33.78	
15MOD-0007 For 300 LB Rating, Add	59.95	
15MOD-0008 For ASTM 120, Deduct	-2.47	
15MOD-0076 For Work In Restricted Working Space, Add	19.60	
15061-0084 EA 4" Coupling, Straight 150# Malleable Iron Galvanized Fitting.....	105.51	48.88
15MOD-0005 For 225 LB Rating, Add	66.03	
15MOD-0007 For 300 LB Rating, Add	113.91	
15MOD-0008 For ASTM 120, Deduct	-4.83	
15MOD-0076 For Work In Restricted Working Space, Add	21.99	
15061-0085 EA 5" Coupling, Straight 150# Malleable Iron Galvanized Fitting.....	136.41	51.01
15MOD-0005 For 225 LB Rating, Add	122.84	
15MOD-0007 For 300 LB Rating, Add	208.32	
15MOD-0008 For ASTM 120, Deduct	-8.99	
15MOD-0076 For Work In Restricted Working Space, Add	22.95	
15061-0086 EA 6" Coupling, Straight 150# Malleable Iron Galvanized Fitting.....	153.70	53.34
15MOD-0005 For 225 LB Rating, Add	151.17	
15MOD-0007 For 300 LB Rating, Add	255.51	
15MOD-0008 For ASTM 120, Deduct	-11.06	
15MOD-0076 For Work In Restricted Working Space, Add	23.99	
15061-0087 Reducing Couplings, Galvanized Malleable Iron (15061-0014)		
Note: 150 LB		
15061-0088 EA 1/2" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	17.52	11.05
15MOD-0005 For 225 LB Rating, Add	1.99	
15MOD-0007 For 300 LB Rating, Add	4.29	
15MOD-0008 For ASTM 120, Deduct	-0.15	
15MOD-0076 For Work In Restricted Working Space, Add	4.97	
15061-0089 EA 3/4" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	19.67	12.35
15MOD-0005 For 225 LB Rating, Add	2.34	
15MOD-0007 For 300 LB Rating, Add	4.99	
15MOD-0008 For ASTM 120, Deduct	-0.17	
15MOD-0076 For Work In Restricted Working Space, Add	5.56	
15061-0090 EA 1" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	22.47	13.78
15MOD-0005 For 225 LB Rating, Add	3.65	
15MOD-0007 For 300 LB Rating, Add	7.29	
15MOD-0008 For ASTM 120, Deduct	-0.27	
15MOD-0076 For Work In Restricted Working Space, Add	6.21	
15061-0091 EA 1-1/4" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	25.90	15.64
15MOD-0005 For 225 LB Rating, Add	5.08	
15MOD-0007 For 300 LB Rating, Add	9.84	
15MOD-0008 For ASTM 120, Deduct	-0.37	
15MOD-0076 For Work In Restricted Working Space, Add	7.03	
15061-0092 EA 1-1/2" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	29.37	17.62
15MOD-0005 For 225 LB Rating, Add	6.07	
15MOD-0007 For 300 LB Rating, Add	11.65	
15MOD-0008 For ASTM 120, Deduct	-0.44	
15MOD-0076 For Work In Restricted Working Space, Add	7.92	
15061-0093 EA 2" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	37.82	22.41
15MOD-0005 For 225 LB Rating, Add	8.75	
15MOD-0007 For 300 LB Rating, Add	16.53	
15MOD-0008 For ASTM 120, Deduct	-0.64	
15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0094 EA 2-1/2" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	62.13	33.14
15MOD-0005 For 225 LB Rating, Add	25.58	
15MOD-0007 For 300 LB Rating, Add	45.41	
15MOD-0008 For ASTM 120, Deduct	-1.87	
15MOD-0076 For Work In Restricted Working Space, Add	14.90	
15061-0095 EA 3" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	81.93	43.57
15MOD-0005 For 225 LB Rating, Add	34.03	
15MOD-0007 For 300 LB Rating, Add	60.36	
15MOD-0008 For ASTM 120, Deduct	-2.49	
15MOD-0076 For Work In Restricted Working Space, Add	19.60	
15061-0096 EA 4" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	109.22	48.88
15MOD-0005 For 225 LB Rating, Add	73.64	
15MOD-0007 For 300 LB Rating, Add	126.53	
15MOD-0008 For ASTM 120, Deduct	-5.39	
15MOD-0076 For Work In Restricted Working Space, Add	21.99	
15061-0097 EA 5" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	150.95	51.01
15MOD-0005 For 225 LB Rating, Add	152.64	
15MOD-0007 For 300 LB Rating, Add	257.75	
15MOD-0008 For ASTM 120, Deduct	-11.17	
15MOD-0076 For Work In Restricted Working Space, Add	22.95	
15061-0098 EA 6" Coupling, Reducing 150# Malleable Iron Galvanized Fitting.....	167.95	53.34
15MOD-0005 For 225 LB Rating, Add	180.38	
15MOD-0007 For 300 LB Rating, Add	303.96	
15MOD-0008 For ASTM 120, Deduct	-13.20	
15MOD-0076 For Work In Restricted Working Space, Add	23.99	

15061-0099 Caps, Galvanized Malleable Iron (15061-0014)
Note: 150 LB

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0100 EA 1/2" Cap, 150# Malleable Iron Galvanized Fitting	8.39	5.15
15MOD-0005 For 225 LB Rating, Add	1.29	
15MOD-0007 For 300 LB Rating, Add	2.61	
15MOD-0008 For ASTM 120, Deduct	-0.09	
15MOD-0076 For Work In Restricted Working Space, Add	2.33	
15061-0101 EA 3/4" Cap, 150# Malleable Iron Galvanized Fitting	9.31	5.53
15MOD-0005 For 225 LB Rating, Add	2.13	
15MOD-0007 For 300 LB Rating, Add	4.03	
15MOD-0008 For ASTM 120, Deduct	-0.16	
15MOD-0076 For Work In Restricted Working Space, Add	2.48	
15061-0102 EA 1" Cap, 150# Malleable Iron Galvanized Fitting	10.71	6.40
15MOD-0005 For 225 LB Rating, Add	2.38	
15MOD-0007 For 300 LB Rating, Add	4.52	
15MOD-0008 For ASTM 120, Deduct	-0.17	
15MOD-0076 For Work In Restricted Working Space, Add	2.87	
15061-0103 EA 1-1/4" Cap, 150# Malleable Iron Galvanized Fitting	11.68	6.70
15MOD-0005 For 225 LB Rating, Add	3.42	
15MOD-0007 For 300 LB Rating, Add	6.28	
15MOD-0008 For ASTM 120, Deduct	-0.25	
15MOD-0076 For Work In Restricted Working Space, Add	3.00	
15061-0104 EA 1-1/2" Cap, 150# Malleable Iron Galvanized Fitting	12.15	6.70
15MOD-0005 For 225 LB Rating, Add	4.39	
15MOD-0007 For 300 LB Rating, Add	7.88	
15MOD-0008 For ASTM 120, Deduct	-0.32	
15MOD-0076 For Work In Restricted Working Space, Add	3.00	
15061-0105 EA 2" Cap, 150# Malleable Iron Galvanized Fitting	16.04	8.88
15MOD-0005 For 225 LB Rating, Add	5.51	
15MOD-0007 For 300 LB Rating, Add	9.95	
15MOD-0008 For ASTM 120, Deduct	-0.40	
15MOD-0076 For Work In Restricted Working Space, Add	4.01	
15061-0106 EA 2-1/2" Cap, 150# Malleable Iron Galvanized Fitting	24.67	11.05
15MOD-0005 For 225 LB Rating, Add	16.65	
15MOD-0007 For 300 LB Rating, Add	28.60	
15MOD-0008 For ASTM 120, Deduct	-1.22	
15MOD-0076 For Work In Restricted Working Space, Add	4.97	
15061-0107 EA 3" Cap, 150# Malleable Iron Galvanized Fitting	29.52	13.35
15MOD-0005 For 225 LB Rating, Add	19.48	
15MOD-0007 For 300 LB Rating, Add	33.50	
15MOD-0008 For ASTM 120, Deduct	-1.43	
15MOD-0076 For Work In Restricted Working Space, Add	6.01	
15061-0108 EA 4" Cap, 150# Malleable Iron Galvanized Fitting	45.77	16.78
15MOD-0005 For 225 LB Rating, Add	42.31	
15MOD-0007 For 300 LB Rating, Add	71.68	
15MOD-0008 For ASTM 120, Deduct	-3.10	
15MOD-0076 For Work In Restricted Working Space, Add	7.54	
15061-0109 EA 5" Cap, 150# Malleable Iron Galvanized Fitting	72.47	20.98
15MOD-0005 For 225 LB Rating, Add	84.17	
15MOD-0007 For 300 LB Rating, Add	141.49	
15MOD-0008 For ASTM 120, Deduct	-6.16	
15MOD-0076 For Work In Restricted Working Space, Add	9.42	
15061-0110 EA 6" Cap, 150# Malleable Iron Galvanized Fitting	108.54	24.94
15MOD-0005 For 225 LB Rating, Add	145.78	
15MOD-0007 For 300 LB Rating, Add	244.02	
15MOD-0008 For ASTM 120, Deduct	-10.67	
15MOD-0076 For Work In Restricted Working Space, Add	11.23	
15061-0111 Unions, Galvanized Malleable Iron <small>(15061-0014)</small>		
Note: 150 LB		
15061-0112 EA 1/2" Union, 150# Malleable Iron Galvanized Fitting	23.46	13.78
15MOD-0005 For 225 LB Rating, Add	5.68	
15MOD-0007 For 300 LB Rating, Add	10.66	
15MOD-0076 For Work In Restricted Working Space, Add	6.21	
15061-0113 EA 3/4" Union, 150# Malleable Iron Galvanized Fitting	26.70	15.95
15MOD-0005 For 225 LB Rating, Add	5.80	
15MOD-0007 For 300 LB Rating, Add	11.05	
15MOD-0076 For Work In Restricted Working Space, Add	7.16	
15061-0114 EA 1" Union, 150# Malleable Iron Galvanized Fitting	32.39	18.80
15MOD-0005 For 225 LB Rating, Add	8.55	
15MOD-0007 For 300 LB Rating, Add	15.87	
15MOD-0076 For Work In Restricted Working Space, Add	8.47	
15061-0115 EA 1-1/4" Union, 150# Malleable Iron Galvanized Fitting	39.58	22.41
15MOD-0005 For 225 LB Rating, Add	12.36	
15MOD-0007 For 300 LB Rating, Add	22.52	
15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0116 EA 1-1/2" Union, 150# Malleable Iron Galvanized Fitting	47.51	26.69
15MOD-0005 For 225 LB Rating, Add	15.31	
15MOD-0007 For 300 LB Rating, Add	27.80	
15MOD-0076 For Work In Restricted Working Space, Add	12.01	
15061-0117 EA 2" Union, 150# Malleable Iron Galvanized Fitting	58.22	33.14
15MOD-0005 For 225 LB Rating, Add	17.57	
15MOD-0007 For 300 LB Rating, Add	32.12	
15MOD-0076 For Work In Restricted Working Space, Add	14.90	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0118	EA 2-1/2" Union, 150# Malleable Iron Galvanized Fitting.....	78.82	35.99
	15MOD-0005 For 225 LB Rating, Add	50.94	
	15MOD-0007 For 300 LB Rating, Add	87.73	
	15MOD-0076 For Work In Restricted Working Space, Add	16.19	
15061-0119	EA 3" Union, 150# Malleable Iron Galvanized Fitting.....	106.22	43.57
	15MOD-0005 For 225 LB Rating, Add	83.82	
	15MOD-0007 For 300 LB Rating, Add	142.95	
	15MOD-0076 For Work In Restricted Working Space, Add	19.60	
15061-0120	Galvanized Steel Nipples <small>(15061-0014)</small>		
15061-0121	EA 1/2" Nipple, 4" Long, Galvanized Steel Schedule 40.....	9.55	5.89
	15MOD-0006 For Schedule 80 Nipples, Add	0.78	
	15MOD-0007 For 300 LB Rating, Add	2.84	
	15MOD-0009 For ASTM 120, Deduct	-0.10	
	15MOD-0076 For Work In Restricted Working Space, Add	2.66	
15061-0122	EA 3/4" Nipple, 4" Long, Galvanized Steel Schedule 40.....	9.72	5.89
	15MOD-0006 For Schedule 80 Nipples, Add	0.97	
	15MOD-0007 For 300 LB Rating, Add	3.42	
	15MOD-0009 For ASTM 120, Deduct	-0.13	
	15MOD-0076 For Work In Restricted Working Space, Add	2.66	
15061-0123	EA 1" Nipple, 4" Long, Galvanized Steel Schedule 40.....	10.73	6.40
	15MOD-0006 For Schedule 80 Nipples, Add	1.35	
	15MOD-0007 For 300 LB Rating, Add	4.59	
	15MOD-0009 For ASTM 120, Deduct	-0.18	
	15MOD-0076 For Work In Restricted Working Space, Add	2.87	
15061-0124	EA 1-1/4" Nipple, 4" Long, Galvanized Steel Schedule 40.....	11.82	6.89
	15MOD-0006 For Schedule 80 Nipples, Add	1.69	
	15MOD-0007 For 300 LB Rating, Add	5.65	
	15MOD-0009 For ASTM 120, Deduct	-0.22	
	15MOD-0076 For Work In Restricted Working Space, Add	3.10	
15061-0125	EA 1-1/2" Nipple, 4" Long, Galvanized Steel Schedule 40.....	12.16	6.89
	15MOD-0006 For Schedule 80 Nipples, Add	2.07	
	15MOD-0007 For 300 LB Rating, Add	6.81	
	15MOD-0009 For ASTM 120, Deduct	-0.27	
	15MOD-0076 For Work In Restricted Working Space, Add	3.10	
15061-0126	EA 2" Nipple, 4" Long, Galvanized Steel Schedule 40.....	15.78	8.88
	15MOD-0006 For Schedule 80 Nipples, Add	2.77	
	15MOD-0007 For 300 LB Rating, Add	9.06	
	15MOD-0009 For ASTM 120, Deduct	-0.36	
	15MOD-0076 For Work In Restricted Working Space, Add	4.01	
15061-0127	EA 2-1/2" Nipple, 4" Long, Galvanized Steel Schedule 40.....	22.13	11.05
	15MOD-0006 For Schedule 80 Nipples, Add	6.36	
	15MOD-0007 For 300 LB Rating, Add	19.97	
	15MOD-0009 For ASTM 120, Deduct	-0.84	
	15MOD-0076 For Work In Restricted Working Space, Add	4.97	
15061-0128	EA 3" Nipple, 4" Long, Galvanized Steel Schedule 40.....	26.73	13.35
	15MOD-0006 For Schedule 80 Nipples, Add	7.65	
	15MOD-0007 For 300 LB Rating, Add	24.02	
	15MOD-0009 For ASTM 120, Deduct	-1.01	
	15MOD-0076 For Work In Restricted Working Space, Add	6.01	
15061-0129	EA 4" Nipple, Galvanized Steel Schedule 40, 4" Long.....	33.34	16.78
	15MOD-0006 For Schedule 80 Nipples, Add	9.36	
	15MOD-0007 For 300 LB Rating, Add	29.42	
	15MOD-0009 For ASTM 120, Deduct	-1.23	
	15MOD-0076 For Work In Restricted Working Space, Add	7.54	
15061-0130	90 Degree Reducing Elbows, Galvanized Malleable Iron <small>(15061-0014)</small>		
	Note: 150 LB		
15061-0131	EA 3/4" x 1/2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	14.63	8.82
	15MOD-0007 For 300 LB Rating, Add	5.62	
	15MOD-0009 For ASTM 120, Deduct	-0.21	
	15MOD-0076 For Work In Restricted Working Space, Add	3.96	
15061-0132	EA 1" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	18.60	11.17
	15MOD-0007 For 300 LB Rating, Add	7.19	
	15MOD-0009 For ASTM 120, Deduct	-0.27	
	15MOD-0076 For Work In Restricted Working Space, Add	5.03	
15061-0133	EA 1" x 1/2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	18.60	11.17
	15MOD-0007 For 300 LB Rating, Add	7.19	
	15MOD-0009 For ASTM 120, Deduct	-0.27	
	15MOD-0076 For Work In Restricted Working Space, Add	5.03	
15061-0134	EA 1-1/4" x 1" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	26.47	15.64
	15MOD-0007 For 300 LB Rating, Add	11.78	
	15MOD-0009 For ASTM 120, Deduct	-0.46	
	15MOD-0076 For Work In Restricted Working Space, Add	7.03	
15061-0135	EA 1-1/4" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	26.87	15.64
	15MOD-0007 For 300 LB Rating, Add	13.14	
	15MOD-0009 For ASTM 120, Deduct	-0.52	
	15MOD-0076 For Work In Restricted Working Space, Add	7.03	
15061-0136	EA 1-1/4" x 1/2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	26.87	15.64
	15MOD-0007 For 300 LB Rating, Add	13.14	
	15MOD-0009 For ASTM 120, Deduct	-0.52	
	15MOD-0076 For Work In Restricted Working Space, Add	7.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0137	EA	1-1/2" x 1-1/4" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized	30.83	17.62
		15MOD-0007 For 300 LB Rating, Add	16.61	
		15MOD-0009 For ASTM 120, Deduct	-0.66	
		15MOD-0076 For Work In Restricted Working Space, Add	7.92	
15061-0138	EA	1-1/2" x 1" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	30.83	17.62
		15MOD-0007 For 300 LB Rating, Add	16.61	
		15MOD-0009 For ASTM 120, Deduct	-0.66	
		15MOD-0076 For Work In Restricted Working Space, Add	7.92	
15061-0139	EA	1-1/2" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	30.83	17.62
		15MOD-0007 For 300 LB Rating, Add	16.61	
		15MOD-0009 For ASTM 120, Deduct	-0.66	
		15MOD-0076 For Work In Restricted Working Space, Add	7.92	
15061-0140	EA	2" x 1-1/2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	38.90	22.41
		15MOD-0007 For 300 LB Rating, Add	20.20	
		15MOD-0009 For ASTM 120, Deduct	-0.80	
		15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0141	EA	2" x 1-1/4" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	39.66	22.41
		15MOD-0007 For 300 LB Rating, Add	22.79	
		15MOD-0009 For ASTM 120, Deduct	-0.92	
		15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0142	EA	2" x 1" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	39.66	22.41
		15MOD-0007 For 300 LB Rating, Add	22.79	
		15MOD-0009 For ASTM 120, Deduct	-0.92	
		15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0143	EA	2" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	39.66	22.41
		15MOD-0007 For 300 LB Rating, Add	22.79	
		15MOD-0009 For ASTM 120, Deduct	-0.92	
		15MOD-0076 For Work In Restricted Working Space, Add	10.07	
15061-0144	EA	2-1/2" x 2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	67.10	33.14
		15MOD-0007 For 300 LB Rating, Add	62.31	
		15MOD-0009 For ASTM 120, Deduct	-2.62	
		15MOD-0076 For Work In Restricted Working Space, Add	14.90	
15061-0145	EA	2-1/2" x 1-1/2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized	68.83	33.14
		15MOD-0007 For 300 LB Rating, Add	68.19	
		15MOD-0009 For ASTM 120, Deduct	-2.88	
		15MOD-0076 For Work In Restricted Working Space, Add	14.90	
15061-0146	EA	3" x 2-1/2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	92.85	43.57
		15MOD-0007 For 300 LB Rating, Add	97.49	
		15MOD-0009 For ASTM 120, Deduct	-4.13	
		15MOD-0076 For Work In Restricted Working Space, Add	19.60	
15061-0147	EA	3" x 2" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	92.85	43.57
		15MOD-0007 For 300 LB Rating, Add	97.49	
		15MOD-0009 For ASTM 120, Deduct	-4.13	
		15MOD-0076 For Work In Restricted Working Space, Add	19.60	
15061-0148	EA	4" x 3" 90 Degree Reducing Elbow 150# Malleable Iron Galvanized.....	126.65	48.88
		15MOD-0007 For 300 LB Rating, Add	185.79	
		15MOD-0009 For ASTM 120, Deduct	-8.00	
		15MOD-0076 For Work In Restricted Working Space, Add	21.99	
15061-0149		Galvanized Cast Iron Square Head Plugs (15061-0014)		
15061-0150	EA	1/2" Square Head Plug, Galvanized, Cast Iron	7.65	4.41
		15MOD-0076 For Work In Restricted Working Space, Add	1.98	
15061-0151	EA	3/4" Square Head Plug, Galvanized, Cast Iron	8.81	4.41
		15MOD-0076 For Work In Restricted Working Space, Add	1.98	
15061-0152	EA	1" Square Head Plug, Galvanized, Cast Iron	12.19	6.70
		15MOD-0076 For Work In Restricted Working Space, Add	3.00	
15061-0153	EA	1-1/4" Square Head Plug, Galvanized, Cast Iron	12.74	6.70
		15MOD-0076 For Work In Restricted Working Space, Add	3.00	
15061-0154	EA	1-1/2" Square Head Plug, Galvanized, Cast Iron	13.58	6.70
		15MOD-0076 For Work In Restricted Working Space, Add	3.00	
15061-0155	EA	2" Square Head Plug, Galvanized, Cast Iron	18.51	8.88
		15MOD-0076 For Work In Restricted Working Space, Add	4.01	
15061-0156	EA	2-1/2" Square Head Plug, Galvanized, Cast Iron	23.81	11.05
		15MOD-0076 For Work In Restricted Working Space, Add	4.97	
15061-0157	EA	3" Square Head Plug, Galvanized, Cast Iron	31.70	13.35
		15MOD-0076 For Work In Restricted Working Space, Add	6.01	
15061-0158	EA	4" Square Head Plug, Galvanized, Cast Iron	38.73	16.78
		15MOD-0076 For Work In Restricted Working Space, Add	7.54	
15061-0159	EA	5" Square Head Plug, Galvanized, Cast Iron	55.65	20.98
		15MOD-0076 For Work In Restricted Working Space, Add	9.42	
15061-0160	EA	6" Square Head Plug, Galvanized, Cast Iron	68.06	24.94
		15MOD-0076 For Work In Restricted Working Space, Add	11.23	
15061-0161		Galvanized Screwed Flanges (15061-0014)		
		Note: 125 LB		
15061-0162	EA	1" Screwed Flange, Galvanized, 125# Cast Iron	56.36	28.05
		15MOD-0076 For Work In Restricted Working Space, Add	12.62	
15061-0163	EA	1-1/4" Screwed Flange, Galvanized, 125# Cast Iron	59.22	29.04
		15MOD-0076 For Work In Restricted Working Space, Add	13.07	
15061-0164	EA	1-1/2" Screwed Flange, Galvanized, 125# Cast Iron	64.89	31.60
		15MOD-0076 For Work In Restricted Working Space, Add	14.21	
15061-0165	EA	2" Screwed Flange, Galvanized, 125# Cast Iron	66.60	32.96
		15MOD-0076 For Work In Restricted Working Space, Add	14.84	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0166	EA 2-1/2" Screwed Flange, Galvanized, 125# Cast Iron 15MOD-0076 For Work In Restricted Working Space, Add	76.14 17.16	38.17
15061-0167	EA 3" Screwed Flange, Galvanized, 125# Cast Iron 15MOD-0076 For Work In Restricted Working Space, Add	96.94 21.77	48.41
15061-0168	EA 4" Screwed Flange, Galvanized, 125# Cast Iron 15MOD-0076 For Work In Restricted Working Space, Add	133.67 30.15	67.03
15061-0169	EA 5" Screwed Flange, Galvanized, 125# Cast Iron 15MOD-0076 For Work In Restricted Working Space, Add	165.33 35.89	79.79
15061-0170	EA 6" Screwed Flange, Galvanized, 125# Cast Iron 15MOD-0076 For Work In Restricted Working Space, Add	193.08 41.23	91.66
15061-0171	Threaded Black Steel Pipe ⁽¹⁵⁰⁶¹⁾		
15061-0172	Threaded Black Steel Pipe Assemblies ⁽¹⁵⁰⁶¹⁻⁰¹⁷¹⁾ Note: (ASTM A-53) Threaded and coupled Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
15061-0173	LF 1/2" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	10.42 2.42 2.57	2.48
15061-0174	LF 3/4" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	11.08 2.60 2.68	2.67
15061-0175	LF 1" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	12.08 2.89 2.83	2.92
15061-0176	LF 1-1/4" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	13.48 3.29 3.05	3.04
15061-0177	LF 1-1/2" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	13.80 3.39 3.09	3.60
15061-0178	LF 2" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	15.94 3.97 3.49	4.35
15061-0179	LF 2-1/2" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	21.49 5.57 4.33	5.15
15061-0180	LF 3" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	26.62 6.94 5.30	6.89
15061-0181	LF 4" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	32.82 8.85 6.04	8.36
15061-0182	LF 5" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	44.90 12.75 7.19	10.68
15061-0183	LF 6" Black Steel Pipe Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. 15MOD-0010 For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 15MOD-0016 For Work In Restricted Working Space, Add	56.52 16.59 8.15	12.63
15061-0184	Threaded Black Steel Pipe And Threaded Fittings ⁽¹⁵⁰⁶¹⁻⁰¹⁷¹⁾ Note: (ASTM A-53) Threaded and coupled, schedule 40. Includes all couplings. Excludes hangers, elbow, tee, or reducer fittings.		
15061-0185	Threaded And Coupled Black Steel Piping ⁽¹⁵⁰⁶¹⁻⁰¹⁸⁴⁾ Note: (ASTM A-53) Includes coupling		
15061-0186	LF 3/8" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled 15MOD-0016 For Work In Restricted Working Space, Add	4.62 0.94	1.55
15061-0187	LF 1/2" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled 15MOD-0011 For Schedule 80 Pipe, Add 15MOD-0016 For Work In Restricted Working Space, Add	4.54 0.73 1.13	2.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0188	LF	3/4" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	5.04	2.67
	15MOD-0011	For Schedule 80 Pipe, Add	0.87	
	15MOD-0016	For Work In Restricted Working Space, Add	1.20	
15061-0189	LF	1" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	5.85	2.92
	15MOD-0011	For Schedule 80 Pipe, Add	1.11	
	15MOD-0016	For Work In Restricted Working Space, Add	1.30	
15061-0190	LF	1-1/4" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	6.63	3.04
	15MOD-0011	For Schedule 80 Pipe, Add	1.37	
	15MOD-0016	For Work In Restricted Working Space, Add	1.38	
15061-0191	LF	1-1/2" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	7.84	3.60
	15MOD-0011	For Schedule 80 Pipe, Add	1.64	
	15MOD-0016	For Work In Restricted Working Space, Add	1.62	
15061-0192	LF	2" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	9.82	4.35
	15MOD-0011	For Schedule 80 Pipe, Add	2.13	
	15MOD-0016	For Work In Restricted Working Space, Add	1.96	
15061-0193	LF	2-1/2" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	13.09	5.15
	15MOD-0011	For Schedule 80 Pipe, Add	3.17	
	15MOD-0016	For Work In Restricted Working Space, Add	2.33	
15061-0194	LF	3" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	17.34	6.89
	15MOD-0011	For Schedule 80 Pipe, Add	4.18	
	15MOD-0016	For Work In Restricted Working Space, Add	3.10	
15061-0195	LF	4" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	22.53	8.36
	15MOD-0011	For Schedule 80 Pipe, Add	5.74	
	15MOD-0016	For Work In Restricted Working Space, Add	3.77	
15061-0196	LF	5" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	29.47	10.68
	15MOD-0011	For Schedule 80 Pipe, Add	7.67	
	15MOD-0016	For Work In Restricted Working Space, Add	4.80	
15061-0197	LF	6" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	36.70	12.63
	15MOD-0011	For Schedule 80 Pipe, Add	9.89	
	15MOD-0016	For Work In Restricted Working Space, Add	5.68	
15061-0198	LF	8" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	49.21	15.27
	15MOD-0011	For Schedule 80 Pipe, Add	14.15	
	15MOD-0016	For Work In Restricted Working Space, Add	6.85	
15061-0199	LF	10" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	65.25	18.59
	15MOD-0011	For Schedule 80 Pipe, Add	19.59	
	15MOD-0016	For Work In Restricted Working Space, Add	8.38	
15061-0200	LF	12" ASTM A-53 Pipe, Schedule 40, Threaded And Coupled	86.84	24.44
	15MOD-0011	For Schedule 80 Pipe, Add	26.25	
	15MOD-0016	For Work In Restricted Working Space, Add	11.00	
15061-0201		90 Degree Elbows, Black Malleable Iron <small>(15061-0184)</small>		
		Note: 150 LB		
15061-0202	EA	3/8" 90 Degree Elbow, 150# Malleable Iron, Black	14.94	6.89
	15MOD-0013	For 225 LB Rating, Add	1.01	
	15MOD-0014	For 300 LB Rating, Add	3.59	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.02	
	15MOD-0016	For Work In Restricted Working Space, Add	4.14	
15061-0203	EA	1/2" 90 Degree Elbow, 150# Malleable Iron, Black	17.66	11.05
	15MOD-0013	For 225 LB Rating, Add	0.97	
	15MOD-0014	For 300 LB Rating, Add	3.66	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.02	
	15MOD-0016	For Work In Restricted Working Space, Add	4.97	
15061-0204	EA	3/4" 90 Degree Elbow, 150# Malleable Iron, Black	19.80	12.35
	15MOD-0013	For 225 LB Rating, Add	1.11	
	15MOD-0014	For 300 LB Rating, Add	4.16	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.02	
	15MOD-0016	For Work In Restricted Working Space, Add	5.56	
15061-0205	EA	1" 90 Degree Elbow, 150# Malleable Iron, Black	23.03	13.78
	15MOD-0013	For 225 LB Rating, Add	2.05	
	15MOD-0014	For 300 LB Rating, Add	6.86	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.04	
	15MOD-0016	For Work In Restricted Working Space, Add	6.21	
15061-0206	EA	1-1/4" 90 Degree Elbow, 150# Malleable Iron, Black	27.78	15.64
	15MOD-0013	For 225 LB Rating, Add	3.82	
	15MOD-0014	For 300 LB Rating, Add	11.87	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.07	
	15MOD-0016	For Work In Restricted Working Space, Add	7.03	
15061-0207	EA	1-1/2" 90 Degree Elbow, 150# Malleable Iron, Black	31.49	17.62
	15MOD-0013	For 225 LB Rating, Add	4.45	
	15MOD-0014	For 300 LB Rating, Add	13.78	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.08	
	15MOD-0016	For Work In Restricted Working Space, Add	7.92	
15061-0208	EA	2" 90 Degree Elbow, 150# Malleable Iron, Black	41.01	22.41
	15MOD-0013	For 225 LB Rating, Add	6.53	
	15MOD-0014	For 300 LB Rating, Add	19.92	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.12	
	15MOD-0016	For Work In Restricted Working Space, Add	10.07	
15061-0209	EA	2-1/2" 90 Degree Elbow, 150# Malleable Iron, Black	68.57	33.14
	15MOD-0013	For 225 LB Rating, Add	16.56	
	15MOD-0014	For 300 LB Rating, Add	48.39	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.30	
	15MOD-0016	For Work In Restricted Working Space, Add	14.90	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0210	EA 3" 90 Degree Elbow, 150# Malleable Iron, Black.....	93.57	43.57
	15MOD-0013 For 225 LB Rating, Add	24.71	
	15MOD-0014 For 300 LB Rating, Add	71.70	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.45	
	15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0211	EA 4" 90 Degree Elbow, 150# Malleable Iron, Black.....	133.26	48.88
	15MOD-0013 For 225 LB Rating, Add	52.47	
	15MOD-0014 For 300 LB Rating, Add	148.30	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.96	
	15MOD-0016 For Work In Restricted Working Space, Add	21.99	
15061-0212	EA 5" 90 Degree Elbow, 150# Malleable Iron, Black.....	233.57	51.01
	15MOD-0013 For 225 LB Rating, Add	137.45	
	15MOD-0014 For 300 LB Rating, Add	381.58	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	2.51	
	15MOD-0016 For Work In Restricted Working Space, Add	22.95	
15061-0213	EA 6" 90 Degree Elbow, 150# Malleable Iron, Black.....	251.04	53.34
	15MOD-0013 For 225 LB Rating, Add	149.70	
	15MOD-0014 For 300 LB Rating, Add	415.39	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	2.74	
	15MOD-0016 For Work In Restricted Working Space, Add	23.99	
15061-0214	45 Degree Elbows, Black Malleable Iron (15061-0184)		
	Note: 150 LB		
15061-0215	EA 3/8" 45 Degree Elbow, 150# Malleable Iron, Black.....	15.53	6.89
	15MOD-0013 For 225 LB Rating, Add	1.52	
	15MOD-0014 For 300 LB Rating, Add	5.00	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
	15MOD-0016 For Work In Restricted Working Space, Add	4.14	
15061-0216	EA 1/2" 45 Degree Elbow, 150# Malleable Iron, Black.....	18.26	11.05
	15MOD-0013 For 225 LB Rating, Add	1.50	
	15MOD-0014 For 300 LB Rating, Add	5.10	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
	15MOD-0016 For Work In Restricted Working Space, Add	4.97	
15061-0217	EA 3/4" 45 Degree Elbow, 150# Malleable Iron, Black.....	20.67	12.35
	15MOD-0013 For 225 LB Rating, Add	1.87	
	15MOD-0014 For 300 LB Rating, Add	6.25	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
	15MOD-0016 For Work In Restricted Working Space, Add	5.56	
15061-0218	EA 1" 45 Degree Elbow, 150# Malleable Iron, Black.....	23.43	13.78
	15MOD-0013 For 225 LB Rating, Add	2.40	
	15MOD-0014 For 300 LB Rating, Add	7.82	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
	15MOD-0016 For Work In Restricted Working Space, Add	6.21	
15061-0219	EA 1-1/4" 45 Degree Elbow, 150# Malleable Iron, Black.....	28.38	15.64
	15MOD-0013 For 225 LB Rating, Add	4.34	
	15MOD-0014 For 300 LB Rating, Add	13.31	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.08	
	15MOD-0016 For Work In Restricted Working Space, Add	7.03	
15061-0220	EA 1-1/2" 45 Degree Elbow, 150# Malleable Iron, Black.....	32.56	17.62
	15MOD-0013 For 225 LB Rating, Add	5.38	
	15MOD-0014 For 300 LB Rating, Add	16.34	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.10	
	15MOD-0016 For Work In Restricted Working Space, Add	7.92	
15061-0221	EA 2" 45 Degree Elbow, 150# Malleable Iron, Black.....	41.48	22.41
	15MOD-0013 For 225 LB Rating, Add	6.94	
	15MOD-0014 For 300 LB Rating, Add	21.05	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.13	
	15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0222	EA 2-1/2" 45 Degree Elbow, 150# Malleable Iron, Black.....	74.32	33.14
	15MOD-0013 For 225 LB Rating, Add	21.59	
	15MOD-0014 For 300 LB Rating, Add	62.19	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.39	
	15MOD-0016 For Work In Restricted Working Space, Add	14.90	
15061-0223	EA 3" 45 Degree Elbow, 150# Malleable Iron, Black.....	99.24	43.57
	15MOD-0013 For 225 LB Rating, Add	29.67	
	15MOD-0014 For 300 LB Rating, Add	85.30	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.54	
	15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0224	EA 4" 45 Degree Elbow, 150# Malleable Iron, Black.....	135.56	48.88
	15MOD-0013 For 225 LB Rating, Add	54.48	
	15MOD-0014 For 300 LB Rating, Add	153.82	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.00	
	15MOD-0016 For Work In Restricted Working Space, Add	21.99	
15061-0225	EA 5" 45 Degree Elbow, 150# Malleable Iron, Black.....	275.73	51.01
	15MOD-0013 For 225 LB Rating, Add	174.34	
	15MOD-0014 For 300 LB Rating, Add	482.77	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	3.19	
	15MOD-0016 For Work In Restricted Working Space, Add	22.95	
15061-0226	EA 6" 45 Degree Elbow, 150# Malleable Iron, Black.....	291.73	53.34
	15MOD-0013 For 225 LB Rating, Add	185.30	
	15MOD-0014 For 300 LB Rating, Add	513.05	
	15MOD-0015 For Standard Weight Cast Iron Fittings, Add	3.39	
	15MOD-0016 For Work In Restricted Working Space, Add	23.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0227		Straight Tees, Black Malleable Iron (15061-0184) Note: 150 LB		
15061-0228	EA	3/8" Tee, Straight 150# Malleable Iron, Black.....	18.77	8.63
	15MOD-0013	For 225 LB Rating, Add	1.34	
	15MOD-0014	For 300 LB Rating, Add	4.71	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.02	
	15MOD-0016	For Work In Restricted Working Space, Add	5.17	
15061-0229	EA	1/2" Tee, Straight 150# Malleable Iron, Black.....	22.12	13.78
	15MOD-0013	For 225 LB Rating, Add	1.25	
	15MOD-0014	For 300 LB Rating, Add	4.67	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.02	
	15MOD-0016	For Work In Restricted Working Space, Add	6.21	
15061-0230	EA	3/4" Tee, Straight 150# Malleable Iron, Black.....	25.93	15.95
	15MOD-0013	For 225 LB Rating, Add	1.80	
	15MOD-0014	For 300 LB Rating, Add	6.38	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.03	
	15MOD-0016	For Work In Restricted Working Space, Add	7.16	
15061-0231	EA	1" Tee, Straight 150# Malleable Iron, Black.....	31.87	18.80
	15MOD-0013	For 225 LB Rating, Add	3.19	
	15MOD-0014	For 300 LB Rating, Add	10.45	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.06	
	15MOD-0016	For Work In Restricted Working Space, Add	8.47	
15061-0232	EA	1-1/4" Tee, Straight 150# Malleable Iron, Black.....	39.50	22.41
	15MOD-0013	For 225 LB Rating, Add	5.21	
	15MOD-0014	For 300 LB Rating, Add	16.29	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.10	
	15MOD-0016	For Work In Restricted Working Space, Add	10.07	
15061-0233	EA	1-1/2" Tee, Straight 150# Malleable Iron, Black.....	47.42	26.69
	15MOD-0013	For 225 LB Rating, Add	6.46	
	15MOD-0014	For 300 LB Rating, Add	20.11	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.12	
	15MOD-0016	For Work In Restricted Working Space, Add	12.01	
15061-0234	EA	2" Tee, Straight 150# Malleable Iron, Black.....	60.36	33.14
	15MOD-0013	For 225 LB Rating, Add	9.37	
	15MOD-0014	For 300 LB Rating, Add	28.68	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.17	
	15MOD-0016	For Work In Restricted Working Space, Add	14.90	
15061-0235	EA	2-1/2" Tee, Straight 150# Malleable Iron, Black.....	91.11	43.57
	15MOD-0013	For 225 LB Rating, Add	22.56	
	15MOD-0014	For 300 LB Rating, Add	65.79	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.41	
	15MOD-0016	For Work In Restricted Working Space, Add	19.60	
15061-0236	EA	3" Tee, Straight 150# Malleable Iron, Black.....	116.30	51.76
	15MOD-0013	For 225 LB Rating, Add	33.87	
	15MOD-0014	For 300 LB Rating, Add	97.56	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.62	
	15MOD-0016	For Work In Restricted Working Space, Add	23.28	
15061-0237	EA	4" Tee, Straight 150# Malleable Iron, Black.....	183.52	61.76
	15MOD-0013	For 225 LB Rating, Add	79.56	
	15MOD-0014	For 300 LB Rating, Add	223.79	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	1.45	
	15MOD-0016	For Work In Restricted Working Space, Add	27.78	
15061-0238	EA	5" Tee, Straight 150# Malleable Iron, Black.....	315.10	73.32
	15MOD-0013	For 225 LB Rating, Add	179.51	
	15MOD-0014	For 300 LB Rating, Add	498.96	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	3.28	
	15MOD-0016	For Work In Restricted Working Space, Add	32.99	
15061-0239	EA	6" Tee, Straight 150# Malleable Iron, Black.....	371.25	83.81
	15MOD-0013	For 225 LB Rating, Add	214.90	
	15MOD-0014	For 300 LB Rating, Add	596.98	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	3.93	
	15MOD-0016	For Work In Restricted Working Space, Add	37.70	
15061-0240		Reducing Tees, Black Malleable Iron (15061-0184) Note: 150 LB		
15061-0241	EA	1/2" Tee, Reducing Out 150# Malleable Iron, Black.....	22.36	13.78
	15MOD-0013	For 225 LB Rating, Add	1.46	
	15MOD-0014	For 300 LB Rating, Add	5.25	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.03	
	15MOD-0016	For Work In Restricted Working Space, Add	6.21	
15061-0242	EA	3/4" Tee, Reducing Out 150# Malleable Iron, Black.....	26.21	15.95
	15MOD-0013	For 225 LB Rating, Add	2.05	
	15MOD-0014	For 300 LB Rating, Add	7.05	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.04	
	15MOD-0016	For Work In Restricted Working Space, Add	7.16	
15061-0243	EA	1" Tee, Reducing Out 150# Malleable Iron, Black.....	32.26	18.80
	15MOD-0013	For 225 LB Rating, Add	3.54	
	15MOD-0014	For 300 LB Rating, Add	11.39	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.06	
	15MOD-0016	For Work In Restricted Working Space, Add	8.47	
15061-0244	EA	1-1/4" Tee, Reducing Out 150# Malleable Iron, Black.....	40.29	22.41
	15MOD-0013	For 225 LB Rating, Add	5.90	
	15MOD-0014	For 300 LB Rating, Add	18.19	
	15MOD-0015	For Standard Weight Cast Iron Fittings, Add	0.11	
	15MOD-0016	For Work In Restricted Working Space, Add	10.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0245 EA 1-1/2" Tee, Reducing Out 150# Malleable Iron, Black	48.37	26.69
15MOD-0013 For 225 LB Rating, Add	7.29	
15MOD-0014 For 300 LB Rating, Add	22.39	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.13	
15MOD-0016 For Work In Restricted Working Space, Add	12.01	
15061-0246 EA 2" Tee, Reducing Out 150# Malleable Iron, Black	61.79	33.14
15MOD-0013 For 225 LB Rating, Add	10.62	
15MOD-0014 For 300 LB Rating, Add	32.12	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.19	
15MOD-0016 For Work In Restricted Working Space, Add	14.90	
15061-0247 EA 2-1/2" Tee, Reducing Out 150# Malleable Iron, Black	94.52	43.57
15MOD-0013 For 225 LB Rating, Add	25.54	
15MOD-0014 For 300 LB Rating, Add	73.98	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.47	
15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0248 EA 3" Tee, Reducing Out 150# Malleable Iron, Black	121.29	51.76
15MOD-0013 For 225 LB Rating, Add	38.24	
15MOD-0014 For 300 LB Rating, Add	109.54	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.70	
15MOD-0016 For Work In Restricted Working Space, Add	23.28	
15061-0249 EA 4" Tee, Reducing Out 150# Malleable Iron, Black	178.21	61.76
15MOD-0013 For 225 LB Rating, Add	74.92	
15MOD-0014 For 300 LB Rating, Add	211.04	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.37	
15MOD-0016 For Work In Restricted Working Space, Add	27.78	
15061-0250 EA 5" Tee, Reducing Out 150# Malleable Iron, Black	306.59	73.32
15MOD-0013 For 225 LB Rating, Add	172.06	
15MOD-0014 For 300 LB Rating, Add	478.53	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	3.15	
15MOD-0016 For Work In Restricted Working Space, Add	32.99	
15061-0251 EA 6" Tee, Reducing Out 150# Malleable Iron, Black	361.22	83.81
15MOD-0013 For 225 LB Rating, Add	206.12	
15MOD-0014 For 300 LB Rating, Add	572.91	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	3.77	
15MOD-0016 For Work In Restricted Working Space, Add	37.70	
15061-0252 EA 8" Tee, Reducing Out 150# Malleable Iron, Black	1,018.14	146.70
15MOD-0013 For 225 LB Rating, Add	698.46	
15MOD-0014 For 300 LB Rating, Add	1,928.97	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	12.77	
15MOD-0016 For Work In Restricted Working Space, Add	65.97	
15061-0253 Straight Couplings, Black Malleable Iron <small>(15061-0184)</small>		
Note: 150 LB		
15061-0254 EA 3/8" Coupling, Straight, 150# Malleable Iron, Black	15.23	6.89
15MOD-0013 For 225 LB Rating, Add	1.26	
15MOD-0014 For 300 LB Rating, Add	4.28	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	4.14	
15061-0255 EA 1/2" Coupling, Straight, 150# Malleable Iron, Black	18.06	11.05
15MOD-0013 For 225 LB Rating, Add	1.32	
15MOD-0014 For 300 LB Rating, Add	4.62	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	4.97	
15061-0256 EA 3/4" Coupling, Straight, 150# Malleable Iron, Black	20.31	12.35
15MOD-0013 For 225 LB Rating, Add	1.56	
15MOD-0014 For 300 LB Rating, Add	5.38	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
15MOD-0016 For Work In Restricted Working Space, Add	5.56	
15061-0257 EA 1" Coupling, Straight, 150# Malleable Iron, Black	23.43	13.78
15MOD-0013 For 225 LB Rating, Add	2.40	
15MOD-0014 For 300 LB Rating, Add	7.82	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
15MOD-0016 For Work In Restricted Working Space, Add	6.21	
15061-0258 EA 1-1/4" Coupling, Straight, 150# Malleable Iron, Black	26.87	15.64
15MOD-0013 For 225 LB Rating, Add	3.02	
15MOD-0014 For 300 LB Rating, Add	9.69	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.06	
15MOD-0016 For Work In Restricted Working Space, Add	7.03	
15061-0259 EA 1-1/2" Coupling, Straight, 150# Malleable Iron, Black	31.05	17.62
15MOD-0013 For 225 LB Rating, Add	4.06	
15MOD-0014 For 300 LB Rating, Add	12.72	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.07	
15MOD-0016 For Work In Restricted Working Space, Add	7.92	
15061-0260 EA 2" Coupling, Straight, 150# Malleable Iron, Black	40.33	22.41
15MOD-0013 For 225 LB Rating, Add	5.93	
15MOD-0014 For 300 LB Rating, Add	18.29	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.11	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0261 EA 2-1/2" Coupling, Straight, 150# Malleable Iron, Black	66.70	33.14
15MOD-0013 For 225 LB Rating, Add	14.92	
15MOD-0014 For 300 LB Rating, Add	43.90	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.27	
15MOD-0016 For Work In Restricted Working Space, Add	14.90	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0262 EA 3" Coupling, Straight, 150# Malleable Iron, Black	88.85	43.57
15MOD-0013 For 225 LB Rating, Add	20.58	
15MOD-0014 For 300 LB Rating, Add	60.37	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.38	
15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0263 EA 4" Coupling, Straight, 150# Malleable Iron, Black	120.21	48.88
15MOD-0013 For 225 LB Rating, Add	41.05	
15MOD-0014 For 300 LB Rating, Add	116.98	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.75	
15MOD-0016 For Work In Restricted Working Space, Add	21.99	
15061-0264 EA 5" Coupling, Straight, 150# Malleable Iron, Black	172.30	51.01
15MOD-0013 For 225 LB Rating, Add	83.83	
15MOD-0014 For 300 LB Rating, Add	234.53	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.53	
15MOD-0016 For Work In Restricted Working Space, Add	22.95	
15061-0265 EA 6" Coupling, Straight, 150# Malleable Iron, Black	194.65	53.34
15MOD-0013 For 225 LB Rating, Add	100.35	
15MOD-0014 For 300 LB Rating, Add	280.05	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.84	
15MOD-0016 For Work In Restricted Working Space, Add	23.99	
15061-0266 Reducing Couplings, Black Malleable Iron <small>(15061-0184)</small>		
Note: 150 LB		
15061-0267 EA 1/2" Coupling, Reducing, 150# Malleable Iron, Black	18.10	11.05
15MOD-0013 For 225 LB Rating, Add	1.36	
15MOD-0014 For 300 LB Rating, Add	4.71	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	4.97	
15061-0268 EA 3/4" Coupling, Reducing, 150# Malleable Iron, Black	20.31	12.35
15MOD-0013 For 225 LB Rating, Add	1.56	
15MOD-0014 For 300 LB Rating, Add	5.38	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
15MOD-0016 For Work In Restricted Working Space, Add	5.56	
15061-0269 EA 1" Coupling, Reducing, 150# Malleable Iron, Black	23.47	13.78
15MOD-0013 For 225 LB Rating, Add	2.43	
15MOD-0014 For 300 LB Rating, Add	7.91	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
15MOD-0016 For Work In Restricted Working Space, Add	6.21	
15061-0270 EA 1-1/4" Coupling, Reducing, 150# Malleable Iron, Black	26.87	15.64
15MOD-0013 For 225 LB Rating, Add	3.02	
15MOD-0014 For 300 LB Rating, Add	9.69	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.06	
15MOD-0016 For Work In Restricted Working Space, Add	7.03	
15061-0271 EA 1-1/2" Coupling, Reducing, 150# Malleable Iron, Black	31.21	17.62
15MOD-0013 For 225 LB Rating, Add	4.20	
15MOD-0014 For 300 LB Rating, Add	13.10	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.08	
15MOD-0016 For Work In Restricted Working Space, Add	7.92	
15061-0272 EA 2" Coupling, Reducing, 150# Malleable Iron, Black	39.90	22.41
15MOD-0013 For 225 LB Rating, Add	5.56	
15MOD-0014 For 300 LB Rating, Add	17.25	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.10	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0273 EA 2-1/2" Coupling, Reducing, 150# Malleable Iron, Black	65.04	33.14
15MOD-0013 For 225 LB Rating, Add	13.47	
15MOD-0014 For 300 LB Rating, Add	39.92	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.25	
15MOD-0016 For Work In Restricted Working Space, Add	14.90	
15061-0274 EA 3" Coupling, Reducing, 150# Malleable Iron, Black	89.09	43.57
15MOD-0013 For 225 LB Rating, Add	20.79	
15MOD-0014 For 300 LB Rating, Add	60.94	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.38	
15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0275 EA 4" Coupling, Reducing, 150# Malleable Iron, Black	121.36	48.88
15MOD-0013 For 225 LB Rating, Add	42.05	
15MOD-0014 For 300 LB Rating, Add	119.74	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.77	
15MOD-0016 For Work In Restricted Working Space, Add	21.99	
15061-0276 EA 5" Coupling, Reducing, 150# Malleable Iron, Black	166.55	51.01
15MOD-0013 For 225 LB Rating, Add	78.80	
15MOD-0014 For 300 LB Rating, Add	220.73	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.44	
15MOD-0016 For Work In Restricted Working Space, Add	22.95	
15061-0277 EA 6" Coupling, Reducing, 150# Malleable Iron, Black	200.12	53.34
15MOD-0013 For 225 LB Rating, Add	105.14	
15MOD-0014 For 300 LB Rating, Add	293.18	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.92	
15MOD-0016 For Work In Restricted Working Space, Add	23.99	

15061-0278 Caps, Black Malleable Iron (15061-0184)

Note: 150 LB



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0279 EA 1/2" Cap, 150# Malleable Iron, Black.....	8.91	5.15
15MOD-0013 For 225 LB Rating, Add	1.01	
15MOD-0014 For 300 LB Rating, Add	3.23	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	2.33	
15061-0280 EA 3/4" Cap, 150# Malleable Iron, Black.....	9.78	5.53
15MOD-0013 For 225 LB Rating, Add	1.32	
15MOD-0014 For 300 LB Rating, Add	4.12	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	2.48	
15061-0281 EA 1" Cap, 150# Malleable Iron, Black.....	11.37	6.40
15MOD-0013 For 225 LB Rating, Add	1.59	
15MOD-0014 For 300 LB Rating, Add	4.94	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
15MOD-0016 For Work In Restricted Working Space, Add	2.87	
15061-0282 EA 1-1/4" Cap, 150# Malleable Iron, Black.....	12.72	6.89
15MOD-0013 For 225 LB Rating, Add	2.08	
15MOD-0014 For 300 LB Rating, Add	6.33	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
15MOD-0016 For Work In Restricted Working Space, Add	3.10	
15061-0283 EA 1-1/2" Cap, 150# Malleable Iron, Black.....	13.59	6.89
15MOD-0013 For 225 LB Rating, Add	2.84	
15MOD-0014 For 300 LB Rating, Add	8.42	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.05	
15MOD-0016 For Work In Restricted Working Space, Add	3.10	
15061-0284 EA 2" Cap, 150# Malleable Iron, Black.....	17.59	8.88
15MOD-0013 For 225 LB Rating, Add	3.71	
15MOD-0014 For 300 LB Rating, Add	10.98	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.07	
15MOD-0016 For Work In Restricted Working Space, Add	4.01	
15061-0285 EA 2-1/2" Cap, 150# Malleable Iron, Black.....	26.54	11.05
15MOD-0013 For 225 LB Rating, Add	8.74	
15MOD-0014 For 300 LB Rating, Add	24.97	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.16	
15MOD-0016 For Work In Restricted Working Space, Add	4.97	
15061-0286 EA 3" Cap, 150# Malleable Iron, Black.....	35.76	13.35
15MOD-0013 For 225 LB Rating, Add	13.77	
15MOD-0014 For 300 LB Rating, Add	38.98	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.25	
15MOD-0016 For Work In Restricted Working Space, Add	6.01	
15061-0287 EA 4" Cap, 150# Malleable Iron, Black.....	49.68	16.78
15MOD-0013 For 225 LB Rating, Add	21.48	
15MOD-0014 For 300 LB Rating, Add	60.43	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.39	
15MOD-0016 For Work In Restricted Working Space, Add	7.54	
15061-0288 Unions, Black Malleable Iron (15061-0194)		
Note: 150 LB		
15061-0289 EA 3/8" Union, 150# Malleable Iron, Black.....	18.04	6.89
15MOD-0013 For 225 LB Rating, Add	3.72	
15MOD-0014 For 300 LB Rating, Add	11.03	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.07	
15MOD-0016 For Work In Restricted Working Space, Add	4.14	
15061-0290 EA 1/2" Union, 150# Malleable Iron, Black.....	25.21	13.78
15MOD-0013 For 225 LB Rating, Add	3.96	
15MOD-0014 For 300 LB Rating, Add	12.09	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.07	
15MOD-0016 For Work In Restricted Working Space, Add	6.21	
15061-0291 EA 3/4" Union, 150# Malleable Iron, Black.....	28.51	15.95
15MOD-0013 For 225 LB Rating, Add	4.06	
15MOD-0014 For 300 LB Rating, Add	12.57	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.07	
15MOD-0016 For Work In Restricted Working Space, Add	7.16	
15061-0292 EA 1" Union, 150# Malleable Iron, Black.....	35.00	18.80
15MOD-0013 For 225 LB Rating, Add	5.93	
15MOD-0014 For 300 LB Rating, Add	17.97	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.11	
15MOD-0016 For Work In Restricted Working Space, Add	8.47	
15061-0293 EA 1-1/4" Union, 150# Malleable Iron, Black.....	42.91	22.41
15MOD-0013 For 225 LB Rating, Add	8.19	
15MOD-0014 For 300 LB Rating, Add	24.48	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.15	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0294 EA 1-1/2" Union, 150# Malleable Iron, Black.....	51.46	26.69
15MOD-0013 For 225 LB Rating, Add	9.99	
15MOD-0014 For 300 LB Rating, Add	29.81	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.18	
15MOD-0016 For Work In Restricted Working Space, Add	12.01	
15061-0295 EA 2" Union, 150# Malleable Iron, Black.....	64.09	33.14
15MOD-0013 For 225 LB Rating, Add	12.64	
15MOD-0014 For 300 LB Rating, Add	37.64	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.23	
15MOD-0016 For Work In Restricted Working Space, Add	14.90	

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15061 Steel Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0296 EA 2-1/2" Union, 150# Malleable Iron, Black.....	90.93	35.99
15MOD-0013 For 225 LB Rating, Add	32.34	
15MOD-0014 For 300 LB Rating, Add	91.94	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.59	
15MOD-0016 For Work In Restricted Working Space, Add	16.19	
15061-0297 EA 3" Union, 150# Malleable Iron, Black.....	117.72	43.57
15MOD-0013 For 225 LB Rating, Add	45.84	
15MOD-0014 For 300 LB Rating, Add	129.66	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.84	
15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0298 Black Nipples (15061-0184)		
15061-0299 EA 1/2" Nipple, Black Steel Schedule 40, 4" Long.....	9.94	5.89
15MOD-0012 For Schedule 80 Nipples, Add	0.54	
15MOD-0013 For 225 LB Rating, Add	0.94	
15MOD-0014 For 300 LB Rating, Add	3.10	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	2.66	
15061-0300 EA 3/4" Nipple, Black Steel Schedule 40, 4" Long.....	10.18	5.89
15MOD-0012 For Schedule 80 Nipples, Add	0.66	
15MOD-0013 For 225 LB Rating, Add	1.15	
15MOD-0014 For 300 LB Rating, Add	3.68	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.02	
15MOD-0016 For Work In Restricted Working Space, Add	2.66	
15061-0301 EA 1" Nipple, Black Steel Schedule 40, 4" Long	11.45	6.40
15MOD-0012 For Schedule 80 Nipples, Add	0.95	
15MOD-0013 For 225 LB Rating, Add	1.66	
15MOD-0014 For 300 LB Rating, Add	5.13	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
15MOD-0016 For Work In Restricted Working Space, Add	2.87	
15061-0302 EA 1-1/4" Nipple, Black Steel Schedule 40, 4" Long	12.72	6.89
15MOD-0012 For Schedule 80 Nipples, Add	1.19	
15MOD-0013 For 225 LB Rating, Add	2.08	
15MOD-0014 For 300 LB Rating, Add	6.33	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
15MOD-0016 For Work In Restricted Working Space, Add	3.10	
15061-0303 EA 1-1/2" Nipple, Black Steel Schedule 40, 4" Long	13.20	6.89
15MOD-0012 For Schedule 80 Nipples, Add	1.43	
15MOD-0013 For 225 LB Rating, Add	2.50	
15MOD-0014 For 300 LB Rating, Add	7.48	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.05	
15MOD-0016 For Work In Restricted Working Space, Add	3.10	
15061-0304 EA 2" Nipple, Black Steel Schedule 40, 4" Long	17.16	8.88
15MOD-0012 For Schedule 80 Nipples, Add	1.91	
15MOD-0013 For 225 LB Rating, Add	3.33	
15MOD-0014 For 300 LB Rating, Add	9.95	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.06	
15MOD-0016 For Work In Restricted Working Space, Add	4.01	
15061-0305 EA 2-1/2" Nipple, Black Steel Schedule 40, 4" Long	25.47	11.05
15MOD-0012 For Schedule 80 Nipples, Add	4.46	
15MOD-0013 For 225 LB Rating, Add	7.81	
15MOD-0014 For 300 LB Rating, Add	22.40	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.14	
15MOD-0016 For Work In Restricted Working Space, Add	4.97	
15061-0306 EA 3" Nipple, Black Steel Schedule 40, 4" Long	31.04	13.35
15MOD-0012 For Schedule 80 Nipples, Add	5.51	
15MOD-0013 For 225 LB Rating, Add	9.64	
15MOD-0014 For 300 LB Rating, Add	27.65	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.18	
15MOD-0016 For Work In Restricted Working Space, Add	6.01	
15061-0307 EA 4" Nipple, Black Steel Schedule 40, 4" Long	38.42	16.78
15MOD-0012 For Schedule 80 Nipples, Add	6.65	
15MOD-0013 For 225 LB Rating, Add	11.63	
15MOD-0014 For 300 LB Rating, Add	33.40	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.21	
15MOD-0016 For Work In Restricted Working Space, Add	7.54	
15061-0308 90 Degree Reducing Elbows, Black Malleable Iron (15061-0184)		
Note: 150 LB		
15061-0309 EA 3/4" x 1/2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	15.31	8.82
15MOD-0013 For 225 LB Rating, Add	1.84	
15MOD-0014 For 300 LB Rating, Add	5.83	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.03	
15MOD-0016 For Work In Restricted Working Space, Add	3.96	
15061-0310 EA 1" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	19.52	11.17
15MOD-0013 For 225 LB Rating, Add	2.40	
15MOD-0014 For 300 LB Rating, Add	7.58	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
15MOD-0016 For Work In Restricted Working Space, Add	5.03	
15061-0311 EA 1" x 1/2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	19.52	11.17
15MOD-0013 For 225 LB Rating, Add	2.40	
15MOD-0014 For 300 LB Rating, Add	7.58	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.04	
15MOD-0016 For Work In Restricted Working Space, Add	5.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0312 EA 1-1/4" x 1" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	27.86	15.64
15MOD-0013 For 225 LB Rating, Add	3.89	
15MOD-0014 For 300 LB Rating, Add	12.06	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.07	
15MOD-0016 For Work In Restricted Working Space, Add	7.03	
15061-0313 EA 1-1/4" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	28.14	15.64
15MOD-0013 For 225 LB Rating, Add	4.13	
15MOD-0014 For 300 LB Rating, Add	12.73	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.08	
15MOD-0016 For Work In Restricted Working Space, Add	7.03	
15061-0314 EA 1-1/4" x 1/2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	28.89	15.64
15MOD-0013 For 225 LB Rating, Add	4.79	
15MOD-0014 For 300 LB Rating, Add	14.53	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.09	
15MOD-0016 For Work In Restricted Working Space, Add	7.03	
15061-0315 EA 1-1/2" x 1-1/4" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	32.40	17.62
15MOD-0013 For 225 LB Rating, Add	5.24	
15MOD-0014 For 300 LB Rating, Add	15.96	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.10	
15MOD-0016 For Work In Restricted Working Space, Add	7.92	
15061-0316 EA 1-1/2" x 1" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	32.40	17.62
15MOD-0013 For 225 LB Rating, Add	5.24	
15MOD-0014 For 300 LB Rating, Add	15.96	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.10	
15MOD-0016 For Work In Restricted Working Space, Add	7.92	
15061-0317 EA 1-1/2" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	33.27	17.62
15MOD-0013 For 225 LB Rating, Add	6.00	
15MOD-0014 For 300 LB Rating, Add	18.05	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.11	
15MOD-0016 For Work In Restricted Working Space, Add	7.92	
15061-0318 EA 2" x 1-1/2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	42.24	22.41
15MOD-0013 For 225 LB Rating, Add	7.60	
15MOD-0014 For 300 LB Rating, Add	22.87	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.14	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0319 EA 2" x 1-1/4" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	43.43	22.41
15MOD-0013 For 225 LB Rating, Add	8.65	
15MOD-0014 For 300 LB Rating, Add	25.73	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.16	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0320 EA 2" x 1" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	43.43	22.41
15MOD-0013 For 225 LB Rating, Add	8.65	
15MOD-0014 For 300 LB Rating, Add	25.73	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.16	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0321 EA 2" x 3/4" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	43.43	22.41
15MOD-0013 For 225 LB Rating, Add	8.65	
15MOD-0014 For 300 LB Rating, Add	25.73	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.16	
15MOD-0016 For Work In Restricted Working Space, Add	10.07	
15061-0322 EA 2-1/2" x 2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	73.49	33.14
15MOD-0013 For 225 LB Rating, Add	20.86	
15MOD-0014 For 300 LB Rating, Add	60.20	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.38	
15MOD-0016 For Work In Restricted Working Space, Add	14.90	
15061-0323 EA 2-1/2" x 1-1/2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	73.49	33.14
15MOD-0013 For 225 LB Rating, Add	20.86	
15MOD-0014 For 300 LB Rating, Add	60.20	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.38	
15MOD-0016 For Work In Restricted Working Space, Add	14.90	
15061-0324 EA 3" x 2-1/2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	103.80	43.57
15MOD-0013 For 225 LB Rating, Add	33.66	
15MOD-0014 For 300 LB Rating, Add	96.25	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.62	
15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0325 EA 3" x 2" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	103.80	43.57
15MOD-0013 For 225 LB Rating, Add	33.66	
15MOD-0014 For 300 LB Rating, Add	96.25	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	0.62	
15MOD-0016 For Work In Restricted Working Space, Add	19.60	
15061-0326 EA 4" x 3" 90 Degree Reducing Elbow 150# Malleable Iron, Black.....	139.14	48.88
15MOD-0013 For 225 LB Rating, Add	57.61	
15MOD-0014 For 300 LB Rating, Add	162.41	
15MOD-0015 For Standard Weight Cast Iron Fittings, Add	1.05	
15MOD-0016 For Work In Restricted Working Space, Add	21.99	
15061-0327 Black Cast Iron Square Head Plugs (15061-0184)		
15061-0328 EA 1/2" Square Head Plug, Black Cast Iron, Threaded.....	8.08	4.79
15MOD-0016 For Work In Restricted Working Space, Add	2.15	
15061-0329 EA 3/4" Square Head Plug, Black Cast Iron, Threaded.....	8.91	4.41
15MOD-0016 For Work In Restricted Working Space, Add	1.98	
15061-0330 EA 1" Square Head Plug, Black Cast Iron, Threaded.....	12.51	6.64
15MOD-0016 For Work In Restricted Working Space, Add	2.98	
15061-0331 EA 1-1/4" Square Head Plug, Black Cast Iron, Threaded.....	12.87	6.70
15MOD-0016 For Work In Restricted Working Space, Add	3.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0332	EA	1-1/2" Square Head Plug, Black Cast Iron, Threaded.....	14.02	6.70
		15MOD-0016 For Work In Restricted Working Space, Add	3.00	
15061-0333	EA	2" Square Head Plug, Black Cast Iron, Threaded.....	18.55	8.88
		15MOD-0016 For Work In Restricted Working Space, Add	4.01	
15061-0334	EA	2-1/2" Square Head Plug, Black Cast Iron, Threaded.....	24.09	11.05
		15MOD-0016 For Work In Restricted Working Space, Add	4.97	
15061-0335	EA	3" Square Head Plug, Black Cast Iron, Threaded.....	32.12	13.35
		15MOD-0016 For Work In Restricted Working Space, Add	6.01	
15061-0336	EA	4" Square Head Plug, Black Cast Iron, Threaded.....	39.33	16.78
		15MOD-0016 For Work In Restricted Working Space, Add	7.54	
15061-0337	EA	5" Square Head Plug, Black Cast Iron, Threaded.....	56.24	20.98
		15MOD-0016 For Work In Restricted Working Space, Add	9.42	
15061-0338	EA	6" Square Head Plug, Black Cast Iron, Threaded.....	69.91	24.94
		15MOD-0016 For Work In Restricted Working Space, Add	11.23	
15061-0339		125 LB Black Cast Iron Screwed Flanges (15061-0184)		
15061-0340	EA	1" Screwed Flange, Black 125# Cast Iron.....	55.96	28.05
		15MOD-0016 For Work In Restricted Working Space, Add	12.62	
15061-0341	EA	1-1/4" Screwed Flange, Black 125# Cast Iron.....	59.37	29.04
		15MOD-0016 For Work In Restricted Working Space, Add	13.07	
15061-0342	EA	1-1/2" Screwed Flange, Black 125# Cast Iron.....	62.97	31.60
		15MOD-0016 For Work In Restricted Working Space, Add	14.21	
15061-0343	EA	2" Screwed Flange, Black 125# Cast Iron.....	65.99	32.96
		15MOD-0016 For Work In Restricted Working Space, Add	14.84	
15061-0344	EA	2-1/2" Screwed Flange, Black 125# Cast Iron.....	75.51	38.17
		15MOD-0016 For Work In Restricted Working Space, Add	17.16	
15061-0345	EA	3" Screwed Flange, Black 125# Cast Iron.....	97.46	48.41
		15MOD-0016 For Work In Restricted Working Space, Add	21.78	
15061-0346	EA	4" Screwed Flange, Black 125# Cast Iron.....	134.07	67.03
		15MOD-0016 For Work In Restricted Working Space, Add	30.16	
15061-0347	EA	5" Screwed Flange, Black 125# Cast Iron.....	164.48	79.85
		15MOD-0016 For Work In Restricted Working Space, Add	35.90	
15061-0348	EA	6" Screwed Flange, Black 125# Cast Iron.....	190.85	91.66
		15MOD-0016 For Work In Restricted Working Space, Add	41.23	
15061-0349		150 LB Black Cast Iron Screwed Flanges (15061-0184)		
15061-0350	EA	3/4" Screwed Flange, Black 150# Cast Iron.....	120.51	24.83
		15MOD-0016 For Work In Restricted Working Space, Add	11.17	
15061-0351	EA	1" Screwed Flange, Black 150# Cast Iron.....	126.04	28.05
		15MOD-0016 For Work In Restricted Working Space, Add	12.62	
15061-0352	EA	1-1/4" Screwed Flange, Black 150# Cast Iron.....	146.94	29.04
		15MOD-0016 For Work In Restricted Working Space, Add	13.07	
15061-0353	EA	1-1/2" Screwed Flange, Black 150# Cast Iron.....	150.77	31.60
		15MOD-0016 For Work In Restricted Working Space, Add	14.21	
15061-0354	EA	2" Screwed Flange, Black 150# Cast Iron.....	170.92	32.96
		15MOD-0016 For Work In Restricted Working Space, Add	14.84	
15061-0355	EA	2-1/2" Screwed Flange, Black 150# Cast Iron.....	285.54	38.17
		15MOD-0016 For Work In Restricted Working Space, Add	17.16	
15061-0356	EA	3" Screwed Flange, Black 150# Cast Iron.....	354.35	48.41
		15MOD-0016 For Work In Restricted Working Space, Add	21.77	
15061-0357	EA	4" Screwed Flange, Black 150# Cast Iron.....	543.29	67.03
		15MOD-0016 For Work In Restricted Working Space, Add	30.15	
15061-0358	EA	5" Or 6" Screwed Flange, Black 150# Cast Iron.....	910.58	91.66
		15MOD-0016 For Work In Restricted Working Space, Add	41.23	
15061-0359		Welded Black Steel Pipe (15061)		
15061-0360		Welded Black Steel Pipe Assemblies (15061-0359)		
		Note: (ASTM A-53) Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
15061-0361	LF	3/4" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly.....	14.86	4.72
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0038 For Work In Restricted Working Space, Add	3.46	
15061-0362	LF	1" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly.....	16.72	5.04
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0038 For Work In Restricted Working Space, Add	3.87	
15061-0363	LF	1-1/4" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly.....	19.55	5.36
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0038 For Work In Restricted Working Space, Add	4.44	
15061-0364	LF	1-1/2" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly.....	20.52	5.36
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0038 For Work In Restricted Working Space, Add	4.64	
15061-0365	LF	2" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly.....	23.66	5.36
		Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		15MOD-0038 For Work In Restricted Working Space, Add	5.38	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0366	LF	2-1/2" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.59	5.36
		15MOD-0038 For Work In Restricted Working Space, Add	6.23	
15061-0367	LF	3" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	32.95	5.24
		15MOD-0038 For Work In Restricted Working Space, Add	6.58	
15061-0368	LF	4" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	43.97	6.98
		15MOD-0038 For Work In Restricted Working Space, Add	8.66	
15061-0369	LF	6" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	58.76	10.40
		15MOD-0038 For Work In Restricted Working Space, Add	9.97	
15061-0370	LF	8" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	88.12	12.92
		15MOD-0038 For Work In Restricted Working Space, Add	14.79	
15061-0371	LF	10" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	114.34	16.15
		15MOD-0038 For Work In Restricted Working Space, Add	17.64	
15061-0372	LF	12" Black Steel Pipe ASTM A-53, Plain End Schedule 40 Pipe And Fittings Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	141.63	19.51
		15MOD-0038 For Work In Restricted Working Space, Add	20.38	
15061-0373	LF	14" Black Steel Pipe ASTM A-53, Plain End Standard Weight Pipe And Fittings Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	157.90	25.45
		15MOD-0038 For Work In Restricted Working Space, Add	22.74	
15061-0374	LF	16" Black Steel Pipe ASTM A-53, Plain End Standard Weight Pipe And Fittings Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	175.19	32.30
		15MOD-0038 For Work In Restricted Working Space, Add	25.41	
15061-0375	LF	18" Black Steel Pipe ASTM A-53, Plain End Standard Weight Pipe And Fittings Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	232.16	39.99
		15MOD-0038 For Work In Restricted Working Space, Add	27.88	
15061-0376	LF	20" Black Steel Pipe ASTM A-53, Plain End Standard Weight Pipe And Fittings Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	265.98	49.42
		15MOD-0038 For Work In Restricted Working Space, Add	31.92	
15061-0377	LF	24" Black Steel Pipe ASTM A-53, Plain End Standard Weight Pipe And Fittings Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	312.15	56.01
		15MOD-0038 For Work In Restricted Working Space, Add	35.09	
15061-0378		Welded Black Steel Pipe And Welded Fittings (15061-0359) Note: (ASTM A-53) Excludes hangers or fittings.		
15061-0379		Welded Plain End Black Steel Piping (15061-0378)		
15061-0380	LF	3/4" Black Pipe, Plain End Schedule 40 ASTM A-53.....	6.51	2.52
		15MOD-0017 For Schedule 80 Pipe, Add	1.05	
		15MOD-0019 For Schedule A-106 Pipe, Add	0.18	
		15MOD-0038 For Work In Restricted Working Space, Add	1.51	
15061-0381	LF	1" Black Pipe, Plain End Schedule 40 ASTM A-53.....	8.25	3.16
		15MOD-0017 For Schedule 80 Pipe, Add	1.34	
		15MOD-0019 For Schedule A-106 Pipe, Add	0.23	
		15MOD-0038 For Work In Restricted Working Space, Add	1.89	
15061-0382	LF	1-1/4" Black Pipe, Plain End Schedule 40 ASTM A-53.....	10.42	3.78
		15MOD-0017 For Schedule 80 Pipe, Add	1.71	
		15MOD-0019 For Schedule A-106 Pipe, Add	0.34	
		15MOD-0038 For Work In Restricted Working Space, Add	2.27	
15061-0383	LF	1-1/2" Black Pipe, Plain End Schedule 40 ASTM A-53.....	12.62	4.42
		15MOD-0017 For Schedule 80 Pipe, Add	2.08	
		15MOD-0019 For Schedule A-106 Pipe, Add	0.46	
		15MOD-0038 For Work In Restricted Working Space, Add	2.65	
15061-0384	LF	2" Black Pipe, Plain End Schedule 40 ASTM A-53.....	15.01	5.24
		15MOD-0017 For Schedule 80 Pipe, Add	2.48	
		15MOD-0019 For Schedule A-106 Pipe, Add	0.55	
		15MOD-0038 For Work In Restricted Working Space, Add	3.14	
15061-0385	LF	2-1/2" Black Pipe, Plain End Schedule 40 ASTM A-53.....	17.16	5.92
		15MOD-0018 For Schedule 80 Pipe, Add	3.93	
		15MOD-0019 For Schedule A-106 Pipe, Add	0.64	
		15MOD-0038 For Work In Restricted Working Space, Add	3.56	
15061-0386	LF	3" Black Pipe, Plain End Schedule 40 ASTM A-53.....	21.17	6.36
		15MOD-0018 For Schedule 80 Pipe, Add	5.18	
		15MOD-0019 For Schedule A-106 Pipe, Add	1.01	
		15MOD-0038 For Work In Restricted Working Space, Add	3.82	
15061-0387	LF	4" Black Pipe, Plain End Schedule 40 ASTM A-53.....	29.27	7.88
		15MOD-0018 For Schedule 80 Pipe, Add	7.49	
		15MOD-0019 For Schedule A-106 Pipe, Add	1.62	
		15MOD-0038 For Work In Restricted Working Space, Add	4.73	

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0388 LF 6" Black Pipe, Plain End Schedule 40 ASTM A-53.....	42.19	12.77
15MOD-0018 For Schedule 80 Pipe, Add	11.35	
15MOD-0019 For Schedule A-106 Pipe, Add	2.72	
15MOD-0038 For Work In Restricted Working Space, Add	5.86	
15061-0389 LF 8" Black Pipe, Plain End Schedule 40 ASTM A-53.....	61.92	13.89
15MOD-0018 For Schedule 80 Pipe, Add	16.81	
15MOD-0019 For Schedule A-106 Pipe, Add	4.10	
15MOD-0020 For Schedule 30 Pipe, Deduct	-9.61	
15MOD-0038 For Work In Restricted Working Space, Add	8.33	
15061-0390 LF 10" Black Pipe, Plain End Schedule 40 ASTM A-53.....	81.79	16.73
15MOD-0018 For Schedule 80 Pipe, Add	22.77	
15MOD-0019 For Schedule A-106 Pipe, Add	5.80	
15MOD-0020 For Schedule 30 Pipe, Deduct	-13.01	
15MOD-0038 For Work In Restricted Working Space, Add	10.04	
15061-0391 LF 12" Black Pipe, Plain End Schedule 40 ASTM A-53.....	104.35	20.22
15MOD-0018 For Schedule 80 Pipe, Add	29.45	
15MOD-0019 For Schedule A-106 Pipe, Add	7.67	
15MOD-0020 For Schedule 30 Pipe, Deduct	-16.83	
15MOD-0038 For Work In Restricted Working Space, Add	12.13	
15061-0392 90 Degree Elbows, Welded Black (15061-0378)		
Note: Standard weight		
15061-0393 EA 3/4" 90 Degree Weld Elbow, Standard Weight.....	80.21	40.96
15MOD-0021 For Schedule 80 Fittings, Add	17.62	
15MOD-0023 For Schedule A-106 Fittings, Add	2.26	
15MOD-0038 For Work In Restricted Working Space, Add	18.41	
15061-0394 EA 1" 90 Degree Weld Elbow, Standard Weight.....	83.43	43.09
15MOD-0021 For Schedule 80 Fittings, Add	18.25	
15MOD-0023 For Schedule A-106 Fittings, Add	2.26	
15MOD-0038 For Work In Restricted Working Space, Add	19.38	
15061-0395 EA 1-1/4" 90 Degree Weld Elbow, Standard Weight.....	92.47	49.10
15MOD-0021 For Schedule 80 Fittings, Add	20.01	
15MOD-0023 For Schedule A-106 Fittings, Add	2.26	
15MOD-0038 For Work In Restricted Working Space, Add	22.09	
15061-0396 EA 1-1/2" 90 Degree Weld Elbow, Standard Weight.....	98.28	52.97
15MOD-0021 For Schedule 80 Fittings, Add	21.14	
15MOD-0023 For Schedule A-106 Fittings, Add	2.26	
15MOD-0038 For Work In Restricted Working Space, Add	23.84	
15061-0397 EA 2" 90 Degree Weld Elbow, Standard Weight.....	122.19	68.93
15MOD-0021 For Schedule 80 Fittings, Add	25.80	
15MOD-0023 For Schedule A-106 Fittings, Add	2.26	
15MOD-0038 For Work In Restricted Working Space, Add	31.01	
15061-0398 EA 2-1/2" 90 Degree Weld Elbow, Standard Weight.....	154.30	86.19
15MOD-0021 For Schedule 80 Fittings, Add	32.73	
15MOD-0023 For Schedule A-106 Fittings, Add	3.01	
15MOD-0038 For Work In Restricted Working Space, Add	38.76	
15061-0399 EA 3" 90 Degree Weld Elbow, Standard Weight.....	157.76	85.23
15MOD-0021 For Schedule 80 Fittings, Add	33.92	
15MOD-0023 For Schedule A-106 Fittings, Add	3.60	
15MOD-0038 For Work In Restricted Working Space, Add	38.32	
15061-0400 EA 4" 90 Degree Weld Elbow, Standard Weight.....	270.42	147.26
15MOD-0021 For Schedule 80 Fittings, Add	57.94	
15MOD-0023 For Schedule A-106 Fittings, Add	5.96	
15MOD-0038 For Work In Restricted Working Space, Add	66.24	
15061-0401 EA 6" 90 Degree Weld Elbow, Standard Weight.....	486.44	243.02
15MOD-0021 For Schedule 80 Fittings, Add	107.67	
15MOD-0023 For Schedule A-106 Fittings, Add	14.64	
15MOD-0038 For Work In Restricted Working Space, Add	109.32	
15061-0402 EA 8" 90 Degree Weld Elbow, Standard Weight.....	751.42	350.11
15MOD-0021 For Schedule 80 Fittings, Add	170.31	
15MOD-0023 For Schedule A-106 Fittings, Add	27.18	
15MOD-0038 For Work In Restricted Working Space, Add	157.48	
15061-0403 EA 10" 90 Degree Weld Elbow, Standard Weight.....	1,015.77	400.18
15MOD-0021 For Schedule 80 Fittings, Add	241.74	
15MOD-0023 For Schedule A-106 Fittings, Add	49.90	
15MOD-0038 For Work In Restricted Working Space, Add	179.98	
15061-0404 EA 12" 90 Degree Weld Elbow, Standard Weight.....	1,387.95	523.58
15MOD-0021 For Schedule 80 Fittings, Add	333.97	
15MOD-0023 For Schedule A-106 Fittings, Add	72.36	
15MOD-0038 For Work In Restricted Working Space, Add	235.49	
15061-0405 90 Degree Reducing Elbows, Welded Black (15061-0378)		
Note: Standard weight		
15061-0406 EA 4" x 3" 90 Degree Welded Reducing Elbow, Standard Weight.....	425.37	147.52
15MOD-0021 For Schedule 80 Fittings, Add	104.39	
15MOD-0023 For Schedule A-106 Fittings, Add	24.50	
15MOD-0038 For Work In Restricted Working Space, Add	66.36	
15061-0407 EA 6" x 4" 90 Degree Welded Reducing Elbow, Standard Weight.....	759.60	240.25
15MOD-0021 For Schedule 80 Fittings, Add	190.06	
15MOD-0023 For Schedule A-106 Fittings, Add	47.92	
15MOD-0038 For Work In Restricted Working Space, Add	108.07	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0408	EA 6" x 3" 90 Degree Welded Reducing Elbow, Standard Weight	828.08	240.25
	15MOD-0021 For Schedule 80 Fittings, Add	210.60	
	15MOD-0023 For Schedule A-106 Fittings, Add	56.14	
	15MOD-0038 For Work In Restricted Working Space, Add	108.07	
15061-0409	EA 8" x 6" 90 Degree Welded Reducing Elbow, Standard Weight	1,367.39	350.11
	15MOD-0021 For Schedule 80 Fittings, Add	355.10	
	15MOD-0023 For Schedule A-106 Fittings, Add	101.10	
	15MOD-0038 For Work In Restricted Working Space, Add	157.48	
15061-0410	EA 8" x 4" 90 Degree Welded Reducing Elbow, Standard Weight	1,530.66	350.11
	15MOD-0021 For Schedule 80 Fittings, Add	404.08	
	15MOD-0023 For Schedule A-106 Fittings, Add	120.69	
	15MOD-0038 For Work In Restricted Working Space, Add	157.48	
15061-0411	EA 10" x 8" 90 Degree Welded Reducing Elbow, Standard Weight	1,946.53	400.18
	15MOD-0021 For Schedule 80 Fittings, Add	520.97	
	15MOD-0023 For Schedule A-106 Fittings, Add	161.59	
	15MOD-0038 For Work In Restricted Working Space, Add	179.98	
15061-0412	EA 10" x 6" 90 Degree Welded Reducing Elbow, Standard Weight	1,946.53	400.18
	15MOD-0021 For Schedule 80 Fittings, Add	520.97	
	15MOD-0023 For Schedule A-106 Fittings, Add	161.59	
	15MOD-0038 For Work In Restricted Working Space, Add	179.98	
15061-0413	EA 12" x 10" 90 Degree Welded Reducing Elbow, Standard Weight	3,300.06	533.52
	15MOD-0021 For Schedule 80 Fittings, Add	906.03	
	15MOD-0023 For Schedule A-106 Fittings, Add	300.02	
	15MOD-0038 For Work In Restricted Working Space, Add	239.97	
15061-0414	EA 12" x 8" 90 Degree Welded Reducing Elbow, Standard Weight	3,300.06	533.52
	15MOD-0021 For Schedule 80 Fittings, Add	906.03	
	15MOD-0023 For Schedule A-106 Fittings, Add	300.02	
	15MOD-0038 For Work In Restricted Working Space, Add	239.97	
15061-0415	EA 12" x 6" 90 Degree Welded Reducing Elbow, Standard Weight	3,744.17	533.52
	15MOD-0021 For Schedule 80 Fittings, Add	1,039.26	
	15MOD-0023 For Schedule A-106 Fittings, Add	353.31	
	15MOD-0038 For Work In Restricted Working Space, Add	239.97	
15061-0416	45 Degree Elbows, Welded Black (15061-0378)		
	Note: Standard weight		
15061-0417	EA 3/4" 45 Degree Welded Elbow, Standard Weight	68.54	35.74
	15MOD-0021 For Schedule 80 Fittings, Add	14.94	
	15MOD-0023 For Schedule A-106 Fittings, Add	1.79	
	15MOD-0038 For Work In Restricted Working Space, Add	16.08	
15061-0418	EA 1" 45 Degree Welded Elbow, Standard Weight	70.42	37.01
	15MOD-0021 For Schedule 80 Fittings, Add	15.30	
	15MOD-0023 For Schedule A-106 Fittings, Add	1.79	
	15MOD-0038 For Work In Restricted Working Space, Add	16.64	
15061-0419	EA 1-1/4" 45 Degree Welded Elbow, Standard Weight	78.62	42.49
	15MOD-0021 For Schedule 80 Fittings, Add	16.90	
	15MOD-0023 For Schedule A-106 Fittings, Add	1.79	
	15MOD-0038 For Work In Restricted Working Space, Add	19.10	
15061-0420	EA 1-1/2" 45 Degree Welded Elbow, Standard Weight	83.66	45.83
	15MOD-0021 For Schedule 80 Fittings, Add	17.88	
	15MOD-0023 For Schedule A-106 Fittings, Add	1.79	
	15MOD-0038 For Work In Restricted Working Space, Add	20.61	
15061-0421	EA 2" 45 Degree Welded Elbow, Standard Weight	103.84	59.25
	15MOD-0021 For Schedule 80 Fittings, Add	21.82	
	15MOD-0023 For Schedule A-106 Fittings, Add	1.79	
	15MOD-0038 For Work In Restricted Working Space, Add	26.67	
15061-0422	EA 2-1/2" 45 Degree Welded Elbow, Standard Weight	128.98	74.45
	15MOD-0021 For Schedule 80 Fittings, Add	26.98	
	15MOD-0023 For Schedule A-106 Fittings, Add	2.09	
	15MOD-0038 For Work In Restricted Working Space, Add	33.47	
15061-0423	EA 3" 45 Degree Welded Elbow, Standard Weight	149.64	85.17
	15MOD-0021 For Schedule 80 Fittings, Add	31.48	
	15MOD-0023 For Schedule A-106 Fittings, Add	2.63	
	15MOD-0038 For Work In Restricted Working Space, Add	38.32	
15061-0424	EA 4" 45 Degree Welded Elbow, Standard Weight	256.97	147.20
	15MOD-0021 For Schedule 80 Fittings, Add	53.91	
	15MOD-0023 For Schedule A-106 Fittings, Add	4.35	
	15MOD-0038 For Work In Restricted Working Space, Add	66.22	
15061-0425	EA 6" 45 Degree Welded Elbow, Standard Weight	453.08	242.77
	15MOD-0021 For Schedule 80 Fittings, Add	97.71	
	15MOD-0023 For Schedule A-106 Fittings, Add	10.69	
	15MOD-0038 For Work In Restricted Working Space, Add	109.19	
15061-0426	EA 8" 45 Degree Welded Elbow, Standard Weight	690.30	350.11
	15MOD-0021 For Schedule 80 Fittings, Add	151.97	
	15MOD-0023 For Schedule A-106 Fittings, Add	19.84	
	15MOD-0038 For Work In Restricted Working Space, Add	157.48	
15061-0427	EA 10" 45 Degree Welded Elbow, Standard Weight	903.56	400.18
	15MOD-0021 For Schedule 80 Fittings, Add	208.08	
	15MOD-0023 For Schedule A-106 Fittings, Add	36.44	
	15MOD-0038 For Work In Restricted Working Space, Add	179.98	
15061-0428	EA 12" 45 Degree Welded Elbow, Standard Weight	1,223.75	522.60
	15MOD-0021 For Schedule 80 Fittings, Add	284.86	
	15MOD-0023 For Schedule A-106 Fittings, Add	52.83	
	15MOD-0038 For Work In Restricted Working Space, Add	235.04	

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15061 Steel Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0429 Full Size Tees, Welded Black <small>(15061-0378)</small> Note: Standard weight		
15061-0430 EA 3/4" Tee, Full, Butt Weld, Standard Weight.....	146.02	67.27
15MOD-0021 For Schedule 80 Fittings, Add	33.21	
15MOD-0023 For Schedule A-106 Fittings, Add	5.42	
15MOD-0038 For Work In Restricted Working Space, Add	30.26	
15061-0431 EA 1" Tee, Full, Butt Weld, Standard Weight.....	145.98	67.27
15MOD-0021 For Schedule 80 Fittings, Add	33.21	
15MOD-0023 For Schedule A-106 Fittings, Add	5.42	
15MOD-0038 For Work In Restricted Working Space, Add	30.25	
15061-0432 EA 1-1/4" Tee, Full, Butt Weld, Standard Weight.....	166.60	74.83
15MOD-0021 For Schedule 80 Fittings, Add	38.20	
15MOD-0023 For Schedule A-106 Fittings, Add	6.53	
15MOD-0038 For Work In Restricted Working Space, Add	33.65	
15061-0433 EA 1-1/2" Tee, Full, Butt Weld, Standard Weight.....	180.50	84.09
15MOD-0021 For Schedule 80 Fittings, Add	40.91	
15MOD-0023 For Schedule A-106 Fittings, Add	6.53	
15MOD-0038 For Work In Restricted Working Space, Add	37.82	
15061-0434 EA 2" Tee, Full, Butt Weld, Standard Weight.....	216.47	112.28
15MOD-0021 For Schedule 80 Fittings, Add	47.27	
15MOD-0023 For Schedule A-106 Fittings, Add	5.78	
15MOD-0038 For Work In Restricted Working Space, Add	50.50	
15061-0435 EA 2-1/2" Tee, Full, Butt Weld, Standard Weight.....	248.93	126.14
15MOD-0021 For Schedule 80 Fittings, Add	54.82	
15MOD-0023 For Schedule A-106 Fittings, Add	7.18	
15MOD-0038 For Work In Restricted Working Space, Add	56.74	
15061-0436 EA 3" Tee, Full, Butt Weld, Standard Weight.....	295.67	153.19
15MOD-0021 For Schedule 80 Fittings, Add	64.61	
15MOD-0023 For Schedule A-106 Fittings, Add	7.94	
15MOD-0038 For Work In Restricted Working Space, Add	68.84	
15061-0437 EA 4" Tee, Full, Butt Weld, Standard Weight.....	423.89	221.33
15MOD-0021 For Schedule 80 Fittings, Add	92.33	
15MOD-0023 For Schedule A-106 Fittings, Add	11.05	
15MOD-0038 For Work In Restricted Working Space, Add	99.54	
15061-0438 EA 6" Tee, Full, Butt Weld, Standard Weight.....	715.80	365.64
15MOD-0021 For Schedule 80 Fittings, Add	157.18	
15MOD-0023 For Schedule A-106 Fittings, Add	20.11	
15MOD-0038 For Work In Restricted Working Space, Add	164.45	
15061-0439 EA 8" Tee, Full, Butt Weld, Standard Weight.....	1,110.25	533.52
15MOD-0021 For Schedule 80 Fittings, Add	249.09	
15MOD-0023 For Schedule A-106 Fittings, Add	37.24	
15MOD-0038 For Work In Restricted Working Space, Add	239.97	
15061-0440 EA 10" Tee, Full, Butt Weld, Standard Weight.....	1,453.57	622.42
15MOD-0021 For Schedule 80 Fittings, Add	338.09	
15MOD-0023 For Schedule A-106 Fittings, Add	62.44	
15MOD-0038 For Work In Restricted Working Space, Add	279.96	
15061-0441 EA 12" Tee, Full, Butt Weld, Standard Weight.....	1,991.28	800.29
15MOD-0021 For Schedule 80 Fittings, Add	471.40	
15MOD-0023 For Schedule A-106 Fittings, Add	94.97	
15MOD-0038 For Work In Restricted Working Space, Add	359.95	
15061-0442 Reducing Tees, Welded Black <small>(15061-0378)</small> Note: Standard weight		
15061-0443 EA 3/4" Tee, Reducing, Butt Weld, Standard Weight.....	142.86	65.19
15MOD-0021 For Schedule 80 Fittings, Add	32.60	
15MOD-0023 For Schedule A-106 Fittings, Add	5.42	
15MOD-0038 For Work In Restricted Working Space, Add	29.31	
15061-0444 EA 1" Tee, Reducing, Butt Weld, Standard Weight.....	145.98	67.27
15MOD-0021 For Schedule 80 Fittings, Add	33.21	
15MOD-0023 For Schedule A-106 Fittings, Add	5.42	
15MOD-0038 For Work In Restricted Working Space, Add	30.25	
15061-0445 EA 1-1/4" Tee, Reducing, Butt Weld, Standard Weight.....	163.71	74.83
15MOD-0021 For Schedule 80 Fittings, Add	37.33	
15MOD-0023 For Schedule A-106 Fittings, Add	6.18	
15MOD-0038 For Work In Restricted Working Space, Add	33.65	
15061-0446 EA 1-1/2" Tee, Reducing, Butt Weld, Standard Weight.....	177.61	84.09
15MOD-0021 For Schedule 80 Fittings, Add	40.04	
15MOD-0023 For Schedule A-106 Fittings, Add	6.18	
15MOD-0038 For Work In Restricted Working Space, Add	37.82	
15061-0447 EA 2" Tee, Reducing, Butt Weld, Standard Weight.....	222.92	112.28
15MOD-0021 For Schedule 80 Fittings, Add	49.20	
15MOD-0023 For Schedule A-106 Fittings, Add	6.54	
15MOD-0038 For Work In Restricted Working Space, Add	50.51	
15061-0448 EA 2-1/2" Tee, Reducing, Butt Weld, Standard Weight.....	249.01	126.20
15MOD-0021 For Schedule 80 Fittings, Add	54.84	
15MOD-0023 For Schedule A-106 Fittings, Add	7.18	
15MOD-0038 For Work In Restricted Working Space, Add	56.76	
15061-0449 EA 3" Tee, Reducing, Butt Weld, Standard Weight.....	295.97	153.19
15MOD-0021 For Schedule 80 Fittings, Add	64.70	
15MOD-0023 For Schedule A-106 Fittings, Add	7.98	
15MOD-0038 For Work In Restricted Working Space, Add	68.84	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0450 EA 4" Tee, Reducing, Butt Weld, Standard Weight	424.32	221.33
15MOD-0021 For Schedule 80 Fittings, Add	92.46	
15MOD-0023 For Schedule A-106 Fittings, Add	11.10	
15MOD-0038 For Work In Restricted Working Space, Add	99.54	
15061-0451 EA 6" Tee, Reducing, Butt Weld, Standard Weight	716.53	365.64
15MOD-0021 For Schedule 80 Fittings, Add	157.40	
15MOD-0023 For Schedule A-106 Fittings, Add	20.20	
15MOD-0038 For Work In Restricted Working Space, Add	164.45	
15061-0452 EA 8" Tee, Reducing, Butt Weld, Standard Weight	1,111.65	533.52
15MOD-0021 For Schedule 80 Fittings, Add	249.51	
15MOD-0023 For Schedule A-106 Fittings, Add	37.41	
15MOD-0038 For Work In Restricted Working Space, Add	239.97	
15061-0453 EA 10" Tee, Reducing, Butt Weld, Standard Weight	1,455.95	622.42
15MOD-0021 For Schedule 80 Fittings, Add	338.80	
15MOD-0023 For Schedule A-106 Fittings, Add	62.73	
15MOD-0038 For Work In Restricted Working Space, Add	279.96	
15061-0454 EA 12" Tee, Reducing, Butt Weld, Standard Weight	1,994.88	800.29
15MOD-0021 For Schedule 80 Fittings, Add	472.48	
15MOD-0023 For Schedule A-106 Fittings, Add	95.40	
15MOD-0038 For Work In Restricted Working Space, Add	359.95	
15061-0455 Eccentric Reducers, Welded Black (15061-0378)		
15061-0456 EA 3" x 2" Reducer, Eccentric, Butt Weld, Standard Weight	166.64	84.91
15MOD-0025 For 300 LB Rating, Add	24.52	
15MOD-0026 For Concentric Reducers, Deduct	-12.57	
15MOD-0038 For Work In Restricted Working Space, Add	38.21	
15061-0457 EA 4" x 3" Reducer, Eccentric, Butt Weld, Standard Weight	268.80	147.52
15MOD-0025 For 300 LB Rating, Add	36.40	
15MOD-0026 For Concentric Reducers, Deduct	-15.23	
15MOD-0038 For Work In Restricted Working Space, Add	66.36	
15061-0458 EA 4" x 2" Reducer, Eccentric, Butt Weld, Standard Weight	282.49	147.52
15MOD-0025 For 300 LB Rating, Add	40.51	
15MOD-0026 For Concentric Reducers, Deduct	-19.61	
15MOD-0038 For Work In Restricted Working Space, Add	66.36	
15061-0459 EA 6" x 4" Reducer, Eccentric, Butt Weld, Standard Weight	456.45	240.25
15MOD-0025 For 300 LB Rating, Add	64.89	
15MOD-0026 For Concentric Reducers, Deduct	-30.79	
15MOD-0038 For Work In Restricted Working Space, Add	108.07	
15061-0460 EA 6" x 3" Reducer, Eccentric, Butt Weld, Standard Weight	526.53	240.25
15MOD-0025 For 300 LB Rating, Add	85.91	
15MOD-0026 For Concentric Reducers, Deduct	-53.22	
15MOD-0038 For Work In Restricted Working Space, Add	108.07	
15061-0461 EA 8" x 6" Reducer, Eccentric, Butt Weld, Standard Weight	692.00	365.64
15MOD-0025 For 300 LB Rating, Add	97.96	
15MOD-0026 For Concentric Reducers, Deduct	-46.02	
15MOD-0038 For Work In Restricted Working Space, Add	164.45	
15061-0462 EA 8" x 4" Reducer, Eccentric, Butt Weld, Standard Weight	796.47	365.64
15MOD-0025 For 300 LB Rating, Add	129.31	
15MOD-0026 For Concentric Reducers, Deduct	-79.45	
15MOD-0038 For Work In Restricted Working Space, Add	164.45	
15061-0463 EA 10" x 8" Reducer, Eccentric, Butt Weld, Standard Weight	800.06	420.48
15MOD-0025 For 300 LB Rating, Add	113.94	
15MOD-0026 For Concentric Reducers, Deduct	-54.29	
15MOD-0038 For Work In Restricted Working Space, Add	189.12	
15061-0464 EA 10" x 6" Reducer, Eccentric, Butt Weld, Standard Weight	931.44	420.48
15MOD-0025 For 300 LB Rating, Add	153.35	
15MOD-0026 For Concentric Reducers, Deduct	-96.33	
15MOD-0038 For Work In Restricted Working Space, Add	189.12	
15061-0465 EA 12" x 10" Reducer, Eccentric, Butt Weld, Standard Weight	1,065.29	532.48
15MOD-0025 For 300 LB Rating, Add	159.91	
15MOD-0026 For Concentric Reducers, Deduct	-85.41	
15MOD-0038 For Work In Restricted Working Space, Add	239.51	
15061-0466 EA 12" x 8" Reducer, Eccentric, Butt Weld, Standard Weight	1,217.43	532.48
15MOD-0025 For 300 LB Rating, Add	205.55	
15MOD-0026 For Concentric Reducers, Deduct	-134.10	
15MOD-0038 For Work In Restricted Working Space, Add	239.51	
15061-0467 Caps, Welded Black (15061-0378)		
Note: Standard weight		
15061-0468 EA 1" Cap, Welded, Standard Weight	41.09	21.06
15MOD-0022 For Schedule 80 Fittings, Add	8.39	
15MOD-0024 For Schedule A-106 Fittings, Add	1.15	
15MOD-0038 For Work In Restricted Working Space, Add	9.46	
15061-0469 EA 1-1/4" Cap, Welded, Standard Weight	44.84	23.14
15MOD-0022 For Schedule 80 Fittings, Add	9.12	
15MOD-0024 For Schedule A-106 Fittings, Add	1.22	
15MOD-0038 For Work In Restricted Working Space, Add	10.40	
15061-0470 EA 1-1/2" Cap, Welded, Standard Weight	46.69	23.96
15MOD-0022 For Schedule 80 Fittings, Add	9.52	
15MOD-0024 For Schedule A-106 Fittings, Add	1.29	
15MOD-0038 For Work In Restricted Working Space, Add	10.78	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0471	EA		2" Cap, Welded, Standard Weight	56.79	30.70
	15MOD-0022		For Schedule 80 Fittings, Add	11.28	
	15MOD-0024		For Schedule A-106 Fittings, Add	1.29	
	15MOD-0038		For Work In Restricted Working Space, Add	13.81	
15061-0472	EA		2-1/2" Cap, Welded, Standard Weight	66.24	37.01
	15MOD-0022		For Schedule 80 Fittings, Add	12.94	
	15MOD-0024		For Schedule A-106 Fittings, Add	1.29	
	15MOD-0038		For Work In Restricted Working Space, Add	16.64	
15061-0473	EA		3" Cap, Welded, Standard Weight	79.55	42.68
	15MOD-0022		For Schedule 80 Fittings, Add	15.87	
	15MOD-0024		For Schedule A-106 Fittings, Add	1.87	
	15MOD-0038		For Work In Restricted Working Space, Add	19.20	
15061-0474	EA		4" Cap, Welded, Standard Weight	131.29	73.75
	15MOD-0022		For Schedule 80 Fittings, Add	25.56	
	15MOD-0024		For Schedule A-106 Fittings, Add	2.48	
	15MOD-0038		For Work In Restricted Working Space, Add	33.18	
15061-0475	EA		6" Cap, Welded, Standard Weight	222.01	121.86
	15MOD-0022		For Schedule 80 Fittings, Add	43.76	
	15MOD-0024		For Schedule A-106 Fittings, Add	4.71	
	15MOD-0038		For Work In Restricted Working Space, Add	54.82	
15061-0476	EA		8" Cap, Welded, Standard Weight	366.48	205.13
	15MOD-0022		For Schedule 80 Fittings, Add	71.51	
	15MOD-0024		For Schedule A-106 Fittings, Add	7.08	
	15MOD-0038		For Work In Restricted Working Space, Add	92.25	
15061-0477	EA		10" Cap, Welded, Standard Weight	426.74	215.67
	15MOD-0022		For Schedule 80 Fittings, Add	87.61	
	15MOD-0024		For Schedule A-106 Fittings, Add	12.42	
	15MOD-0038		For Work In Restricted Working Space, Add	96.98	
15061-0478	EA		12" Cap, Welded, Standard Weight	520.01	260.56
	15MOD-0022		For Schedule 80 Fittings, Add	107.17	
	15MOD-0024		For Schedule A-106 Fittings, Add	15.52	
	15MOD-0038		For Work In Restricted Working Space, Add	117.20	
15061-0479			Neck Flanges, Welded Black (15061-0378)		
			Note: 150 LB		
15061-0480	EA		2" Weld Neck Flange, 150#	125.78	48.71
	15MOD-0027		For 300 LB Rating, Add	44.59	
	15MOD-0038		For Work In Restricted Working Space, Add	21.91	
15061-0481	EA		2-1/2" Weld Neck Flange, 150#	143.88	60.80
	15MOD-0027		For 300 LB Rating, Add	46.49	
	15MOD-0038		For Work In Restricted Working Space, Add	27.34	
15061-0482	EA		3" Weld Neck Flange, 150#	154.47	67.83
	15MOD-0027		For 300 LB Rating, Add	47.64	
	15MOD-0038		For Work In Restricted Working Space, Add	30.50	
15061-0483	EA		4" Weld Neck Flange, 150#	201.39	89.45
	15MOD-0027		For 300 LB Rating, Add	61.17	
	15MOD-0038		For Work In Restricted Working Space, Add	40.24	
15061-0484	EA		6" Weld Neck Flange, 150#	306.87	135.66
	15MOD-0027		For 300 LB Rating, Add	93.81	
	15MOD-0038		For Work In Restricted Working Space, Add	61.01	
15061-0485	EA		8" Weld Neck Flange, 150#	407.12	151.44
	15MOD-0027		For 300 LB Rating, Add	149.92	
	15MOD-0038		For Work In Restricted Working Space, Add	68.10	
15061-0486	EA		10" Weld Neck Flange, 150#	580.77	189.88
	15MOD-0027		For 300 LB Rating, Add	237.14	
	15MOD-0038		For Work In Restricted Working Space, Add	85.41	
15061-0487	EA		12" Weld Neck Flange, 150#	754.72	215.47
	15MOD-0027		For 300 LB Rating, Add	336.10	
	15MOD-0038		For Work In Restricted Working Space, Add	96.91	
15061-0488			Slip-On Black Flanges (15061-0378)		
			Note: 150 LB		
15061-0489	EA		2" Slip-On Flange, 150#	84.07	48.71
	15MOD-0028		For 300 LB Rating, Add	29.44	
	15MOD-0038		For Work In Restricted Working Space, Add	17.44	
15061-0490	EA		2-1/2" Slip-On Flange, 150#	104.35	60.80
	15MOD-0028		For 300 LB Rating, Add	37.42	
	15MOD-0038		For Work In Restricted Working Space, Add	21.32	
15061-0491	EA		3" Slip-On Flange, 150#	121.13	67.83
	15MOD-0028		For 300 LB Rating, Add	43.87	
	15MOD-0038		For Work In Restricted Working Space, Add	24.59	
15061-0492	EA		4" Slip-On Flange, 150#	160.62	89.45
	15MOD-0028		For 300 LB Rating, Add	59.36	
	15MOD-0038		For Work In Restricted Working Space, Add	32.15	
15061-0493	EA		6" Slip-On Flange, 150#	239.86	135.66
	15MOD-0028		For 300 LB Rating, Add	90.58	
	15MOD-0038		For Work In Restricted Working Space, Add	47.28	
15061-0494	EA		8" Slip-On Flange, 150#	331.90	151.44
	15MOD-0028		For 300 LB Rating, Add	134.34	
	15MOD-0038		For Work In Restricted Working Space, Add	62.03	
15061-0495	EA		10" Slip-On Flange, 150#	474.46	189.88
	15MOD-0028		For 300 LB Rating, Add	221.57	
	15MOD-0038		For Work In Restricted Working Space, Add	77.53	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0496	EA 12" Slip-On Flange, 150#..... 15MOD-0028 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	650.98 339.34 93.03	215.47
15061-0497	EA 14" Slip-On Flange, 150#..... 15MOD-0028 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	859.82 486.21 108.54	260.56
15061-0498	EA 16" Slip-On Flange, 150#..... 15MOD-0028 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,071.10 645.54 120.17	302.81
15061-0499	EA 18" Slip-On Flange, 150#..... 15MOD-0028 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,191.15 722.78 131.80	339.50
15061-0500	EA 20" Slip-On Flange, 150#..... 15MOD-0028 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,438.29 914.38 143.43	430.92
15061-0501	EA 24" Slip-On Flange, 150#..... 15MOD-0028 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,515.82 922.52 166.69	466.85
15061-0502	Blind Black Flanges (15061-0378) Note: 150 LB		
15061-0503	EA 2" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	63.49 27.36 76.51 10.12	16.87
15061-0504	EA 2-1/2" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	88.74 42.87 121.92 12.14	20.23
15061-0505	EA 3" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	103.88 45.61 127.92 16.19	26.98
15061-0506	EA 4" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	136.26 62.13 175.26 20.24	33.72
15061-0507	EA 6" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	191.96 92.63 263.42 26.30	43.84
15061-0508	EA 8" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	266.58 142.95 412.16 30.35	50.59
15061-0509	EA 10" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	444.42 271.16 793.44 36.42	60.70
15061-0510	EA 12" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0030 For 600 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	598.82 380.62 1,118.48 42.49	70.82
15061-0511	EA 14" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,103.18 770.04 48.56	80.94
15061-0512	EA 16" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,174.31 812.88 54.63	91.05
15061-0513	EA 18" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,300.24 885.50 66.77	111.29
15061-0514	EA 20" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	1,718.31 1,205.90 72.84	121.41
15061-0515	EA 24" Blind Flange, 150#..... 15MOD-0029 For 300 LB Rating, Add 15MOD-0038 For Work In Restricted Working Space, Add	2,395.71 1,719.69 84.98	141.64
15061-0516	Forge Steel Thread-O-Lets (15061-0378) Note: 300 LB		
15061-0517	EA 1/2" Thread-O-Let, 300# Forge Steel..... 15MOD-0031 For Weld-O-Lets, Add 15MOD-0032 For Sock-O-Lets, Add 15MOD-0038 For Work In Restricted Working Space, Add	55.07 6.52 21.58 12.61	
15061-0518	EA 3/4" Thread-O-Let, 300# Forge Steel..... 15MOD-0031 For Weld-O-Lets, Add 15MOD-0032 For Sock-O-Lets, Add 15MOD-0038 For Work In Restricted Working Space, Add	65.74 7.66 25.75 15.13	
15061-0519	EA 1" Thread-O-Let, 300# Forge Steel..... 15MOD-0031 For Weld-O-Lets, Add 15MOD-0032 For Sock-O-Lets, Add 15MOD-0038 For Work In Restricted Working Space, Add	74.47 8.58 29.16 17.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0520	EA	1-1/4" Or 1-1/2" Thread-O-Let, 300# Forge Steel	87.39	
	15MOD-0031	For Weld-O-Lets, Add	12.17	
	15MOD-0032	For Sock-O-Lets, Add	34.43	
	15MOD-0038	For Work In Restricted Working Space, Add	18.92	
15061-0521	EA	2" Thread-O-Let, 300# Forge Steel	100.48	
	15MOD-0031	For Weld-O-Lets, Add	15.22	
	15MOD-0032	For Sock-O-Lets, Add	39.70	
	15MOD-0038	For Work In Restricted Working Space, Add	21.01	
15061-0522	EA	2-1/2" Thread-O-Let, 300# Forge Steel	200.51	
	15MOD-0031	For Weld-O-Lets, Add	55.23	
	15MOD-0032	For Sock-O-Lets, Add	81.72	
	15MOD-0038	For Work In Restricted Working Space, Add	27.02	
15061-0523	EA	3" Thread-O-Let, 300# Forge Steel	237.19	
	15MOD-0031	For Weld-O-Lets, Add	55.56	
	15MOD-0032	For Sock-O-Lets, Add	95.69	
	15MOD-0038	For Work In Restricted Working Space, Add	37.82	
15061-0524	EA	4" Thread-O-Let, 300# Forge Steel	375.09	
	15MOD-0031	For Weld-O-Lets, Add	108.75	
	15MOD-0032	For Sock-O-Lets, Add	153.41	
	15MOD-0038	For Work In Restricted Working Space, Add	47.28	
15061-0525		Bolt, Nut, And 150# Rubber Gasket Set <small>(15061-0378)</small>		
		Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
15061-0526	EA	3/4" To 1-1/2" Bolt, Nut And 150# Rubber Gasket Set	10.65	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	0.35	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	13.90	
15061-0527	EA	2" Bolt, Nut And 150# Rubber Gasket Set	18.95	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	0.62	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	24.73	
15061-0528	EA	2-1/2" Bolt, Nut And 150# Rubber Gasket Set	20.31	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	0.66	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	26.50	
15061-0529	EA	3" Bolt, Nut And 150# Rubber Gasket Set	21.39	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	0.70	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	27.91	
15061-0530	EA	4" Bolt, Nut And 150# Rubber Gasket Set	37.20	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	1.21	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	48.55	
15061-0531	EA	5" - 6" Bolt, Nut And 150# Rubber Gasket Set	58.34	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	1.90	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	76.13	
15061-0532	EA	8" Bolt, Nut And 150# Rubber Gasket Set	62.76	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	2.04	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	81.90	
15061-0533	EA	10" Bolt, Nut And 150# Rubber Gasket Set	127.95	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	4.16	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	166.97	
15061-0534	EA	12" Bolt, Nut And 150# Rubber Gasket Set	138.48	
	15MOD-0033	For 300 LB Rating Gasket Set, Add	4.50	
	15MOD-0034	For 150 LB Rating Teflon Gasket Set, Add	180.72	
15061-0535		Rubber Replacement Gaskets <small>(15061-0378)</small>		
		Note: Includes unbolting, removal of old gaskets, new 150# rubber gasket and rebolting.		
15061-0536	EA	1/2" 150# Rubber Gasket Replacement	18.70	
	15MOD-0035	For 300 LB Rating Gasket Set, Add	0.02	
	15MOD-0036	For 150 LB Rating Teflon Gasket Set, Add	0.54	
	15MOD-0037	For 300 LB Rating Teflon Gasket Set, Add	0.62	
	15MOD-0038	For Work In Restricted Working Space, Add	5.59	
15061-0537	EA	3/4" 150# Rubber Gasket Replacement	19.98	
	15MOD-0035	For 300 LB Rating Gasket Set, Add	0.04	
	15MOD-0036	For 150 LB Rating Teflon Gasket Set, Add	0.77	
	15MOD-0037	For 300 LB Rating Teflon Gasket Set, Add	0.89	
	15MOD-0038	For Work In Restricted Working Space, Add	5.96	
15061-0538	EA	1" 150# Rubber Gasket Replacement	21.90	
	15MOD-0035	For 300 LB Rating Gasket Set, Add	0.06	
	15MOD-0036	For 150 LB Rating Teflon Gasket Set, Add	1.31	
	15MOD-0037	For 300 LB Rating Teflon Gasket Set, Add	1.51	
	15MOD-0038	For Work In Restricted Working Space, Add	6.52	
15061-0539	EA	1-1/4" 150# Rubber Gasket Replacement	23.79	
	15MOD-0035	For 300 LB Rating Gasket Set, Add	0.07	
	15MOD-0036	For 150 LB Rating Teflon Gasket Set, Add	1.47	
	15MOD-0037	For 300 LB Rating Teflon Gasket Set, Add	1.69	
	15MOD-0038	For Work In Restricted Working Space, Add	7.08	
15061-0540	EA	1-1/2" 150# Rubber Gasket Replacement	26.32	
	15MOD-0035	For 300 LB Rating Gasket Set, Add	0.08	
	15MOD-0036	For 150 LB Rating Teflon Gasket Set, Add	1.86	
	15MOD-0037	For 300 LB Rating Teflon Gasket Set, Add	2.14	
	15MOD-0038	For Work In Restricted Working Space, Add	7.82	
15061-0541	EA	2" 150# Rubber Gasket Replacement	28.91	
	15MOD-0035	For 300 LB Rating Gasket Set, Add	0.12	
	15MOD-0036	For 150 LB Rating Teflon Gasket Set, Add	2.63	
	15MOD-0037	For 300 LB Rating Teflon Gasket Set, Add	3.03	
	15MOD-0038	For Work In Restricted Working Space, Add	8.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0542 EA 2-1/2" 150# Rubber Gasket Replacement	33.99	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.16	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	3.56	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	4.09	
15MOD-0038 For Work In Restricted Working Space, Add	10.06	
15061-0543 EA 3" 150# Rubber Gasket Replacement	35.93	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.19	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	4.10	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	4.72	
15MOD-0038 For Work In Restricted Working Space, Add	10.62	
15061-0544 EA 4" 150# Rubber Gasket Replacement	47.45	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.30	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	6.73	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	7.74	
15MOD-0038 For Work In Restricted Working Space, Add	13.97	
15061-0545 EA 5" 150# Rubber Gasket Replacement	55.01	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.34	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	7.50	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	8.63	
15MOD-0038 For Work In Restricted Working Space, Add	16.21	
15061-0546 EA 6" 150# Rubber Gasket Replacement	62.74	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.44	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	9.74	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	11.21	
15MOD-0038 For Work In Restricted Working Space, Add	18.44	
15061-0547 EA 8" 150# Rubber Gasket Replacement	76.37	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.64	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	14.22	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	16.38	
15MOD-0038 For Work In Restricted Working Space, Add	22.36	
15061-0548 EA 10" 150# Rubber Gasket Replacement	82.10	
15MOD-0035 For 300 LB Rating Gasket Set, Add	0.91	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	20.18	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	23.23	
15MOD-0038 For Work In Restricted Working Space, Add	23.85	
15061-0549 EA 12" 150# Rubber Gasket Replacement	93.39	
15MOD-0035 For 300 LB Rating Gasket Set, Add	1.17	
15MOD-0036 For 150 LB Rating Teflon Gasket Set, Add	25.82	
15MOD-0037 For 300 LB Rating Teflon Gasket Set, Add	29.73	
15MOD-0038 For Work In Restricted Working Space, Add	27.02	
15061-0550 Cut And Prepare Existing Welded Black Steel Pipe (15061-0378)		
Note: For use when connecting pipe to an existing in-place system.		
15061-0551 EA Cut And Prepare For Welding 1/2" Black Steel Pipe.....	13.48	
15MOD-0038 For Work In Restricted Working Space, Add	4.04	
15061-0552 EA Cut And Prepare For Welding 3/4" Black Steel Pipe.....	14.56	
15MOD-0038 For Work In Restricted Working Space, Add	4.37	
15061-0553 EA Cut And Prepare For Welding 1" Black Steel Pipe.....	16.38	
15MOD-0038 For Work In Restricted Working Space, Add	4.91	
15061-0554 EA Cut And Prepare For Welding 1-1/4" Black Steel Pipe	17.19	
15MOD-0038 For Work In Restricted Working Space, Add	5.16	
15061-0555 EA Cut And Prepare For Welding 1-1/2" Black Steel Pipe	18.20	
15MOD-0038 For Work In Restricted Working Space, Add	5.46	
15061-0556 EA Cut And Prepare For Welding 2" Black Steel Pipe.....	19.55	
15MOD-0038 For Work In Restricted Working Space, Add	5.87	
15061-0557 EA Cut And Prepare For Welding 2-1/2" Black Steel Pipe	20.90	
15MOD-0038 For Work In Restricted Working Space, Add	6.27	
15061-0558 EA Cut And Prepare For Welding 3" Black Steel Pipe.....	22.92	
15MOD-0038 For Work In Restricted Working Space, Add	6.88	
15061-0559 EA Cut And Prepare For Welding 4" Black Steel Pipe.....	24.94	
15MOD-0038 For Work In Restricted Working Space, Add	7.48	
15061-0560 EA Cut And Prepare For Welding 6" Black Steel Pipe.....	26.96	
15MOD-0038 For Work In Restricted Working Space, Add	8.09	
15061-0561 EA Cut And Prepare For Welding 8" Black Steel Pipe.....	28.99	
15MOD-0038 For Work In Restricted Working Space, Add	8.70	
15061-0562 EA Cut And Prepare For Welding 10" Black Steel Pipe.....	31.69	
15MOD-0038 For Work In Restricted Working Space, Add	9.51	
15061-0563 EA Cut And Prepare For Welding 12" Black Steel Pipe.....	34.38	
15MOD-0038 For Work In Restricted Working Space, Add	10.31	
15061-0564 Welded Plain End Electric Resistance Black Steel Pipe (15061-0378)		
Note: ASTM A-135		
15061-0565 LF 2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	14.43	6.94
15MOD-0038 For Work In Restricted Working Space, Add	3.40	
15061-0566 LF 2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	16.09	7.56
15MOD-0038 For Work In Restricted Working Space, Add	3.40	
15061-0567 LF 3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	16.99	7.44
15MOD-0038 For Work In Restricted Working Space, Add	3.34	
15061-0568 LF 4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	21.24	9.46
15MOD-0038 For Work In Restricted Working Space, Add	4.25	
15061-0569 LF 6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	34.67	14.00
15MOD-0038 For Work In Restricted Working Space, Add	6.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0570	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	45.83	17.64
		<i>15MOD-0038 For Work In Restricted Working Space, Add</i>	7.95	
15061-0571	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	61.68	21.96
		<i>15MOD-0038 For Work In Restricted Working Space, Add</i>	9.89	
15061-0572	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	74.85	26.49
		<i>15MOD-0038 For Work In Restricted Working Space, Add</i>	11.91	
15061-0573		Flanged Fittings <small>(15061)</small>		
15061-0574		Rockwell Clamp And Coupling Products <small>(15061-0573)</small>		
15061-0575		912 Flanged Coupling Adapter, Cast Iron <small>(15061-0574)</small>		
15061-0576	EA	3" Cast Iron Flanged Coupling Adapters.....	340.37	84.09
15061-0577	EA	4" Cast Iron Flanged Coupling Adapters.....	393.59	84.09
15061-0578	EA	6" Cast Iron Flanged Coupling Adapters.....	467.71	84.09
15061-0579	EA	8" Cast Iron Flanged Coupling Adapters.....	595.03	84.09
15061-0580	EA	10" Cast Iron Flanged Coupling Adapters.....	974.99	84.09
15061-0581	EA	12" Cast Iron Flanged Coupling Adapters.....	1,070.17	84.09
15061-0582		913 Flanged Coupling Adapter, Steel <small>(15061-0574)</small>		
15061-0583	EA	3" Steel Flanged Coupling Adapter.....	1,170.57	84.09
15061-0584	EA	4" Steel Flanged Coupling Adapter.....	1,333.59	84.09
15061-0585	EA	6" Steel Flanged Coupling Adapter.....	1,718.77	84.09
15061-0586	EA	8" Steel Flanged Coupling Adapter.....	2,104.01	84.09
15061-0587	EA	10" Steel Flanged Coupling Adapter.....	2,607.78	84.09
15061-0588	EA	12" Steel Flanged Coupling Adapter.....	3,044.87	84.09
15061-0589		441 Omni Cast Coupling, Straight And Transition <small>(15061-0574)</small>		
15061-0590	EA	2" Omni Cast Couplings.....	87.52	25.22
15061-0591	EA	2-1/2" Omni Cast Couplings.....	107.83	25.22
15061-0592	EA	3" Omni Cast Couplings.....	132.77	36.25
15061-0593	EA	4" Omni Cast Couplings.....	167.56	45.71
15061-0594	EA	6" Omni Cast Couplings.....	223.75	63.05
15061-0595	EA	8" Omni Cast Couplings.....	271.60	74.07
15061-0596	EA	10" Omni Cast Couplings.....	338.47	83.53
15061-0597	EA	12" Omni Cast Couplings.....	395.53	94.56
15061-0598		Flanged Steel Fittings, Standard Weight <small>(15061-0573)</small>		
15061-0599		90 Degree Flanged Elbow <small>(15061-0598)</small>		
15061-0600	EA	2" 90 Degree Elbow, Flanged Steel, Standard Weight.....	576.77	28.98
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	426.66	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	639.98	
15061-0601	EA	2-1/2" 90 Degree Elbow, Flanged Steel, Standard Weight.....	643.37	32.27
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	475.97	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	713.95	
15061-0602	EA	3" 90 Degree Elbow, Flanged Steel, Standard Weight.....	632.25	35.63
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	463.10	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	694.66	
15061-0603	EA	4" 90 Degree Elbow, Flanged Steel, Standard Weight.....	809.78	41.40
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	598.17	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	897.25	
15061-0604	EA	5" 90 Degree Elbow, Flanged Steel, Standard Weight.....	1,154.91	46.36
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	868.31	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	1,302.47	
15061-0605	EA	6" 90 Degree Elbow, Flanged Steel, Standard Weight.....	1,211.63	53.81
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	904.76	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	1,357.14	
15061-0606	EA	8" 90 Degree Elbow, Flanged Steel, Standard Weight.....	1,554.50	59.58
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	1,172.10	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	1,758.14	
15061-0607		90 Degree Flanged Reducing Elbow <small>(15061-0598)</small>		
15061-0608	EA	2-1/2" x 2" Reducing Elbow, Flanged Steel, Standard Weight.....	1,123.28	30.66
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	861.88	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	1,292.82	
15061-0609	EA	3" x 2-1/2" Reducing Elbow, Flanged Steel, Standard Weight.....	1,165.76	33.95
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	891.90	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	1,337.84	
15061-0610	EA	4" x 3" Reducing Elbow, Flanged Steel, Standard Weight.....	1,459.35	38.49
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	1,121.30	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	1,681.96	
15061-0611	EA	5" x 3" Reducing Elbow, Flanged Steel, Standard Weight.....	1,819.51	40.97
		<i>15MOD-0039 For Galvanized Fittings, Add</i>	1,406.46	
		<i>15MOD-0040 For Extra Heavy Weight Fittings, Add</i>	2,109.68	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0612	EA 6" x 4" Reducing Elbow, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	2,070.63 1,599.41 2,399.11	47.60
15061-0613	EA 8" x 6" Reducing Elbow, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	2,907.05 2,257.62 3,386.42	56.72
15061-0614	45 Degree Flanged Elbow <small>(15061-0598)</small>		
15061-0615	EA 2" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	769.72 581.02 871.52	28.98
15061-0616	EA 2-1/2" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	798.80 600.31 900.47	32.27
15061-0617	EA 3" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	825.20 617.46 926.20	35.63
15061-0618	EA 4" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,034.90 778.26 1,167.40	41.40
15061-0619	EA 5" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,519.39 1,159.90 1,739.84	46.36
15061-0620	EA 6" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,463.55 1,106.30 1,659.44	53.81
15061-0621	EA 8" 45 Degree Elbow, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,733.91 1,315.62 1,973.44	59.58
15061-0622	Flanged Tees <small>(15061-0598)</small>		
15061-0623	EA 2" Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	727.13 529.57 794.35	43.45
15061-0624	EA 2-1/2" Tee, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	954.32 705.37 1,058.05	48.41
15061-0625	EA 3" Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	851.92 617.48 926.22	53.37
15061-0626	EA 4" Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,245.46 921.89 1,382.83	62.13
15061-0627	EA 5" Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,895.49 1,432.98 2,149.46	69.58
15061-0628	EA 6" Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	2,321.63 1,760.49 2,640.73	80.74
15061-0629	EA 8" Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	2,562.21 1,937.55 2,906.33	93.53
15061-0630	Flanged Reducing Tee <small>(15061-0598)</small>		
15061-0631	EA 2-1/2" Reducing Tee, Flanged Steel, Standard Weight 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,193.04 898.33 1,347.49	46.80
15061-0632	EA 3" Reducing Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,382.74 1,044.12 1,566.18	51.76
15061-0633	EA 4" Reducing Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	2,438.93 1,880.14 2,820.22	59.22
15061-0634	EA 5" Reducing Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	2,630.13 2,023.66 3,035.50	67.09
15061-0635	EA 6" Reducing Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	3,320.78 2,564.26 3,846.40	77.02
15061-0636	EA 8" Reducing Tee, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	4,165.76 3,228.84 4,843.26	86.52
15061-0637	Flanged Concentric Reducer <small>(15061-0598)</small>		
15061-0638	EA 3" x 2-1/2" Reducer, Concentric, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,149.68 879.03 1,318.55	33.95
15061-0639	EA 4" x 3" Reducer, Concentric, Flanged Steel, Standard Weight..... 15MOD-0039 For Galvanized Fittings, Add 15MOD-0040 For Extra Heavy Weight Fittings, Add	1,306.59 999.10 1,498.64	38.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0640	EA	5" x 4" Reducer, Concentric, Flanged Steel, Standard Weight	1,965.90	43.88
	15MOD-0039	For Galvanized Fittings, Add	1,520.09	
	15MOD-0040	For Extra Heavy Weight Fittings, Add	2,280.13	
15061-0641	EA	6" x 4" Reducer, Concentric, Flanged Steel, Standard Weight	2,169.80	47.60
	15MOD-0039	For Galvanized Fittings, Add	1,678.74	
	15MOD-0040	For Extra Heavy Weight Fittings, Add	2,518.12	
15061-0642	EA	8" x 6" Reducer, Concentric, Flanged Steel, Standard Weight	2,539.89	56.72
	15MOD-0039	For Galvanized Fittings, Add	1,963.89	
	15MOD-0040	For Extra Heavy Weight Fittings, Add	2,945.83	
15061-0643		Flanged Eccentric Reducer (15061-0598)		
15061-0644	EA	4" x 3" Reducer, Eccentric, Flanged Steel, Standard Weight	1,534.39	38.49
	15MOD-0039	For Galvanized Fittings, Add	1,181.34	
	15MOD-0040	For Extra Heavy Weight Fittings, Add	1,772.00	
15061-0645	EA	5" x 4" Reducer, Eccentric, Flanged Steel, Standard Weight	2,110.61	43.88
	15MOD-0039	For Galvanized Fittings, Add	1,635.86	
	15MOD-0040	For Extra Heavy Weight Fittings, Add	2,453.78	
15061-0646		Plain End Couplings And Fittings (15061)		
15061-0647		Plain End Couplings (15061-0646)		
15061-0648		Plainlock Couplings (15061-0647)		
15061-0649	EA	1" Coupling With Gasket, Bolts And Nuts	151.92	3.72
	15MOD-0041	For Galvanized Fittings, Add	29.27	
15061-0650	EA	1-1/2" Coupling With Gasket, Bolts And Nuts	154.09	5.15
	15MOD-0041	For Galvanized Fittings, Add	29.27	
15061-0651	EA	2" Coupling With Gasket, Bolts And Nuts	156.61	6.83
	15MOD-0041	For Galvanized Fittings, Add	29.27	
15061-0652	EA	2-1/2" Coupling With Gasket, Bolts And Nuts	158.75	8.25
	15MOD-0041	For Galvanized Fittings, Add	29.27	
15061-0653	EA	3" Coupling With Gasket, Bolts And Nuts	187.60	9.93
	15MOD-0041	For Galvanized Fittings, Add	34.54	
15061-0654	EA	4" Coupling With Gasket, Bolts And Nuts	259.14	13.22
	15MOD-0041	For Galvanized Fittings, Add	47.86	
15061-0655	EA	6" Coupling With Gasket, Bolts And Nuts	436.32	21.54
	15MOD-0041	For Galvanized Fittings, Add	80.81	
15061-0656		Roust-A-Bout Couplings (15061-0647)		
15061-0657	EA	1-1/2" Coupling With Gasket, Bolts And Nuts	182.52	5.15
	15MOD-0042	For Galvanized Fittings, Add	43.69	
15061-0658	EA	2" Coupling With Gasket, Bolts And Nuts	185.04	6.83
	15MOD-0042	For Galvanized Fittings, Add	43.69	
15061-0659	EA	2-1/2" Coupling With Gasket, Bolts And Nuts	187.19	8.31
	15MOD-0042	For Galvanized Fittings, Add	43.69	
15061-0660	EA	3" Coupling With Gasket, Bolts And Nuts	273.76	9.93
	15MOD-0042	For Galvanized Fittings, Add	64.72	
15061-0661	EA	3-1/2" Coupling With Gasket, Bolts And Nuts	316.97	11.61
	15MOD-0042	For Galvanized Fittings, Add	74.90	
15061-0662	EA	4" Coupling With Gasket, Bolts And Nuts	319.43	13.22
	15MOD-0042	For Galvanized Fittings, Add	74.90	
15061-0663	EA	5" Coupling With Gasket, Bolts And Nuts	452.84	16.57
	15MOD-0042	For Galvanized Fittings, Add	107.00	
15061-0664	EA	6" Coupling With Gasket, Bolts And Nuts	555.01	21.54
	15MOD-0042	For Galvanized Fittings, Add	130.68	
15061-0665	EA	8" Coupling With Gasket, Bolts And Nuts	965.43	25.69
	15MOD-0042	For Galvanized Fittings, Add	231.73	
15061-0666	EA	10" Coupling With Gasket, Bolts And Nuts	1,251.52	30.41
	15MOD-0042	For Galvanized Fittings, Add	301.47	
15061-0667	EA	12" Coupling With Gasket, Bolts And Nuts	1,567.14	35.99
	15MOD-0042	For Galvanized Fittings, Add	378.29	
15061-0668	EA	14" Coupling With Gasket, Bolts And Nuts	2,208.34	39.79
	15MOD-0042	For Galvanized Fittings, Add	537.17	
15061-0669	EA	16" Coupling With Gasket, Bolts And Nuts	3,009.89	45.00
	15MOD-0042	For Galvanized Fittings, Add	735.61	
15061-0670		Plain End Elbows (15061-0646)		
15061-0671		90 Degree Plain End Elbows (15061-0670)		
15061-0672	EA	1" 90 Degree Elbow, Plain End Fitting	148.28	6.77
	15MOD-0043	For Galvanized Fittings, Add	27.63	
15061-0673	EA	1-1/2" 90 Degree Elbow, Plain End Fitting	153.50	10.24
	15MOD-0043	For Galvanized Fittings, Add	27.63	
15061-0674	EA	2" 90 Degree Elbow, Plain End Fitting	158.43	13.53
	15MOD-0043	For Galvanized Fittings, Add	27.63	
15061-0675	EA	2-1/2" 90 Degree Elbow, Plain End Fitting	162.85	16.51
	15MOD-0043	For Galvanized Fittings, Add	27.63	
15061-0676	EA	3" 90 Degree Elbow, Plain End Fitting	195.87	19.98
	15MOD-0043	For Galvanized Fittings, Add	33.18	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0677	EA 4" 90 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	281.45 48.39	26.32
15061-0678	EA 5" 90 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	886.96 167.51	32.96
15061-0679	EA 6" 90 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	730.64 133.20	43.14
15061-0680	EA 8" 90 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	1,483.43 281.32	51.21
15061-0681	EA 10" 90 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	1,857.60 353.58	59.83
15061-0682	EA 12" 90 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	2,358.70 450.19	71.88
15061-0683	45 Degree Plain End Elbows (15061-0670)		
15061-0684	EA 1" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	148.28 27.63	6.77
15061-0685	EA 1-1/2" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	153.50 27.63	10.24
15061-0686	EA 2" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	158.43 27.63	13.53
15061-0687	EA 2-1/2" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	162.85 27.63	16.51
15061-0688	EA 3" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	195.87 33.18	19.98
15061-0689	EA 4" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	281.45 48.39	26.32
15061-0690	EA 5" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	886.96 167.51	32.96
15061-0691	EA 6" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	733.20 133.71	43.14
15061-0692	EA 8" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	849.70 154.58	51.21
15061-0693	EA 10" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	1,168.31 215.72	59.83
15061-0694	EA 12" 45 Degree Elbow, Plain End Fitting..... 15MOD-0043 For Galvanized Fittings, Add	1,501.19 278.69	71.88
15061-0695	Plain End Tees And Wyes (15061-0646)		
15061-0696	Plain End Tees (15061-0695)		
15061-0697	EA 1" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	201.38 37.20	10.24
15061-0698	EA 1-1/2" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	209.07 37.20	15.39
15061-0699	EA 2" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	215.86 37.20	19.92
15061-0700	EA 2-1/2" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	222.62 37.20	24.39
15061-0701	EA 3" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	312.67 53.54	29.98
15061-0702	EA 4" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	430.42 74.46	38.79
15061-0703	EA 5" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	893.89 163.57	50.71
15061-0704	EA 6" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,104.55 201.87	63.49
15061-0705	EA 8" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,514.36 279.71	77.21
15061-0706	EA 10" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	2,270.65 427.15	89.99
15061-0707	EA 12" Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	3,050.79 577.83	107.81
15061-0708	Plain End Wyes (15061-0695)		
15061-0709	EA 2" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	574.72 108.98	19.92
15061-0710	EA 2-1/2" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	581.48 108.98	24.39
15061-0711	EA 3" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	657.45 122.50	29.98
15061-0712	EA 4" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	967.23 181.82	38.79
15061-0713	EA 5" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,182.33 221.25	50.71
15061-0714	EA 6" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,618.57 304.68	63.49
15061-0715	EA 8" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	2,088.68 394.58	77.21
15061-0716	EA 10" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	3,044.18 581.85	89.99

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0717 EA 12" Wye, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	4,646.51 896.98	107.81
15061-0718 Plain End Laterals (15061-0695)		
15061-0719 EA 2" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	613.25 116.68	19.92
15061-0720 EA 2-1/2" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	620.01 116.68	24.39
15061-0721 EA 3" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	695.73 130.15	29.98
15061-0722 EA 4" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,040.34 196.44	38.79
15061-0723 EA 5" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,356.45 256.08	50.71
15061-0724 EA 6" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,730.59 327.08	63.49
15061-0725 EA 8" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	2,500.16 476.87	77.21
15061-0726 EA 10" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	3,500.72 673.16	89.99
15061-0727 EA 12" Lateral, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	4,714.36 910.55	107.81
15061-0728 Plain End Reducing Tees (15061-0695)		
15061-0729 EA 1-1/2" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	392.43 73.54	16.51
15061-0730 EA 2" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	397.53 73.54	19.92
15061-0731 EA 2-1/2" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	404.29 73.54	24.39
15061-0732 EA 3" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	412.66 73.54	29.98
15061-0733 EA 4" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	600.95 108.57	38.79
15061-0734 EA 6" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,016.98 184.36	63.49
15061-0735 EA 8" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	1,329.74 242.79	77.21
15061-0736 EA 10" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	2,006.40 374.30	89.99
15061-0737 EA 12" Reducing Tee, Plain End Fitting..... 15MOD-0044 For Galvanized Fittings, Add	2,975.18 562.71	107.81
15061-0738 Plain End Crosses (15061-0646)		
15061-0739 EA 2" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	678.19 79.18	29.85
15061-0740 EA 2-1/2" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	688.30 79.18	36.56
15061-0741 EA 3" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	802.21 91.84	45.00
15061-0742 EA 4" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	1,096.53 126.17	58.16
15061-0743 EA 5" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	1,547.73 179.21	76.09
15061-0744 EA 6" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	2,035.34 236.62	94.96
15061-0745 EA 8" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	2,600.93 303.57	115.01
15061-0746 EA 10" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	3,744.89 442.92	134.43
15061-0747 EA 12" Cross, Plain End Fitting..... 15MOD-0045 For Galvanized Fittings, Add	5,351.70 638.66	161.74
15061-0748 Adapter Nipples (15061-0646)		
Note: Plain to threaded, plain to beveled or plain to grooved.		
15061-0749 EA 1" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	21.63 4.01	3.72
15061-0750 EA 1-1/2" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	24.25 4.12	5.15
15061-0751 EA 2" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	26.70 4.12	6.83
15061-0752 EA 2-1/2" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	31.72 4.83	8.25
15061-0753 EA 3" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	38.77 5.97	9.93
15061-0754 EA 4" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	59.77 9.98	13.22
15061-0755 EA 6" Adapted Nipple, Plain End Fitting..... 15MOD-0046 For Galvanized Fittings, Add	132.76 26.98	16.57



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0756	Plain End Reducing (Swaged) Nipples <small>(15061-0646)</small>		
15061-0757	EA 1-1/2" x 1" Plain End Reducing Nipple.....	67.27	8.88
	15MOD-0047 For Galvanized Fittings, Add	13.48	
15061-0758	EA 2" x 1" Plain End Reducing Nipple.....	69.76	10.55
	15MOD-0047 For Galvanized Fittings, Add	13.48	
15061-0759	EA 2" x 1-1/2" Plain End Reducing Nipple.....	72.26	12.23
	15MOD-0047 For Galvanized Fittings, Add	13.48	
15061-0760	EA 2-1/2" x 1" Plain End Reducing Nipple.....	71.65	11.85
	15MOD-0047 For Galvanized Fittings, Add	13.48	
15061-0761	EA 2-1/2" x 1-1/2" Plain End Reducing Nipple.....	74.10	13.47
	15MOD-0047 For Galvanized Fittings, Add	13.48	
15061-0762	EA 2-1/2" x 2" Plain End Reducing Nipple.....	76.57	15.08
	15MOD-0047 For Galvanized Fittings, Add	13.48	
15061-0763	EA 3" x 1" Plain End Reducing Nipple.....	86.12	13.66
	15MOD-0047 For Galvanized Fittings, Add	16.42	
15061-0764	EA 3" x 1-1/2" Plain End Reducing Nipple.....	88.32	15.08
	15MOD-0047 For Galvanized Fittings, Add	16.42	
15061-0765	EA 3" x 2" Plain End Reducing Nipple.....	75.66	16.76
	15MOD-0047 For Galvanized Fittings, Add	12.63	
15061-0766	EA 3" x 2-1/2" Plain End Reducing Nipple.....	80.46	19.98
	15MOD-0047 For Galvanized Fittings, Add	12.63	
15061-0767	EA 3-1/2" x 3" Plain End Reducing Nipple.....	92.65	21.54
	15MOD-0047 For Galvanized Fittings, Add	15.10	
15061-0768	EA 4" x 1" Plain End Reducing Nipple.....	117.79	16.95
	15MOD-0047 For Galvanized Fittings, Add	23.09	
15061-0769	EA 4" x 1-1/2" Plain End Reducing Nipple.....	119.96	18.43
	15MOD-0047 For Galvanized Fittings, Add	23.09	
15061-0770	EA 4" x 2" Plain End Reducing Nipple.....	100.06	20.11
	15MOD-0047 For Galvanized Fittings, Add	17.48	
15061-0771	EA 4" x 2-1/2" Plain End Reducing Nipple.....	102.19	21.54
	15MOD-0047 For Galvanized Fittings, Add	17.48	
15061-0772	EA 4" x 3" Plain End Reducing Nipple.....	104.72	23.21
	15MOD-0047 For Galvanized Fittings, Add	17.48	
15061-0773	EA 4" x 3-1/2" Plain End Reducing Nipple.....	107.14	24.83
	15MOD-0047 For Galvanized Fittings, Add	17.48	
15061-0774	EA 5" x 2" Plain End Reducing Nipple.....	292.26	23.40
	15MOD-0047 For Galvanized Fittings, Add	64.29	
15061-0775	EA 5" x 3" Plain End Reducing Nipple.....	238.17	26.44
	15MOD-0047 For Galvanized Fittings, Add	49.62	
15061-0776	EA 5" x 4" Plain End Reducing Nipple.....	208.05	29.85
	15MOD-0047 For Galvanized Fittings, Add	40.83	
15061-0777	EA 6" x 1" Plain End Reducing Nipple.....	527.83	25.26
	15MOD-0047 For Galvanized Fittings, Add	122.50	
15061-0778	EA 6" x 1-1/2" Plain End Reducing Nipple.....	529.97	26.69
	15MOD-0047 For Galvanized Fittings, Add	122.50	
15061-0779	EA 6" x 2" Plain End Reducing Nipple.....	404.92	28.37
	15MOD-0047 For Galvanized Fittings, Add	90.60	
15061-0780	EA 6" x 2-1/2" Plain End Reducing Nipple.....	407.13	29.85
	15MOD-0047 For Galvanized Fittings, Add	90.60	
15061-0781	EA 6" x 3" Plain End Reducing Nipple.....	282.03	31.46
	15MOD-0047 For Galvanized Fittings, Add	58.72	
15061-0782	EA 6" x 3-1/2" Plain End Reducing Nipple.....	284.28	32.96
	15MOD-0047 For Galvanized Fittings, Add	58.72	
15061-0783	EA 6" x 4" Plain End Reducing Nipple.....	230.19	34.75
	15MOD-0047 For Galvanized Fittings, Add	44.53	
15061-0784	EA 6" x 5" Plain End Reducing Nipple.....	261.28	38.04
	15MOD-0047 For Galvanized Fittings, Add	51.06	
15061-0785	EA 8" x 3" Plain End Reducing Nipple.....	336.57	35.56
	15MOD-0047 For Galvanized Fittings, Add	70.81	
15061-0786	EA 8" x 4" Plain End Reducing Nipple.....	341.58	38.92
	15MOD-0047 For Galvanized Fittings, Add	70.81	
15061-0787	EA 8" x 5" Plain End Reducing Nipple.....	385.57	42.27
	15MOD-0047 For Galvanized Fittings, Add	80.56	
15061-0788	EA 8" x 6" Plain End Reducing Nipple.....	432.05	47.23
	15MOD-0047 For Galvanized Fittings, Add	90.30	
15061-0789	Plain End Bull Plugs <small>(15061-0646)</small>		
15061-0790	EA 1" Bull Plug, Plain End Fitting.....	85.94	3.72
	15MOD-0048 For Galvanized Fittings, Add	24.11	
15061-0791	EA 1-1/2" Bull Plug, Plain End Fitting.....	88.11	5.15
	15MOD-0048 For Galvanized Fittings, Add	24.11	
15061-0792	EA 2" Bull Plug, Plain End Fitting.....	90.56	6.83
	15MOD-0048 For Galvanized Fittings, Add	24.11	
15061-0793	EA 2-1/2" Bull Plug, Plain End Fitting.....	92.76	8.25
	15MOD-0048 For Galvanized Fittings, Add	24.11	
15061-0794	EA 3" Bull Plug, Plain End Fitting.....	132.68	9.93
	15MOD-0048 For Galvanized Fittings, Add	35.34	
15061-0795	EA 4" Bull Plug, Plain End Fitting.....	171.99	13.22
	15MOD-0048 For Galvanized Fittings, Add	45.64	
15061-0796	EA 5" Bull Plug, Plain End Fitting.....	293.69	16.57
	15MOD-0048 For Galvanized Fittings, Add	80.66	

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0797	EA	6" Bull Plug, Plain End Fitting	390.87	21.54
		15MOD-0048 For Galvanized Fittings, Add	107.58	
15061-0798	EA	8" Bull Plug, Plain End Fitting	712.66	25.63
		15MOD-0048 For Galvanized Fittings, Add	202.25	
15061-0799	EA	10" Bull Plug, Plain End Fitting	1,268.83	29.98
		15MOD-0048 For Galvanized Fittings, Add	367.16	
15061-0800	EA	12" Bull Plug, Plain End Fitting	1,936.06	35.99
		15MOD-0048 For Galvanized Fittings, Add	564.62	
15061-0801		Carbon Steel Piping Systems (15061)		
15061-0802		3000# Carbon Steel Socket Weld Fittings (15061-0801)		
15061-0803		90 Degree Elbows, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0804	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	31.50	12.29
15061-0805	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	35.57	13.72
15061-0806	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	50.62	15.33
15061-0807	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	77.55	17.38
15061-0808	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	89.29	19.55
15061-0809	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	125.31	24.89
15061-0810	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	278.55	36.80
15061-0811	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	406.01	48.41
15061-0812	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3000#	789.50	54.34
15061-0813		45 Degree Elbows, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0814	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	37.28	12.29
15061-0815	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	44.32	13.72
15061-0816	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	53.30	15.33
15061-0817	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	80.95	17.38
15061-0818	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	97.45	19.55
15061-0819	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	125.14	24.89
15061-0820	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	328.45	36.80
15061-0821	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	448.24	48.41
15061-0822	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3000#	771.23	54.34
15061-0823		Straight Tees, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0824	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3000#	37.89	15.33
15061-0825	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3000#	48.04	17.68
15061-0826	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3000#	69.41	20.91
15061-0827	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3000#	99.35	24.89
15061-0828	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3000#	121.46	29.67
15061-0829	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3000#	166.91	36.80
15061-0830	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3000#	341.58	48.41
15061-0831	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3000#	490.10	57.47
15061-0832	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3000#	1,051.79	68.61
15061-0833		Reducing Tees, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0834	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	39.47	15.33
15061-0835	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	49.67	17.68
15061-0836	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	71.37	20.91
15061-0837	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	103.99	24.89
15061-0838	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	126.90	29.67
15061-0839	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	175.25	36.80
15061-0840	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	361.42	48.41
15061-0841	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	518.66	57.47
15061-0842	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3000#	950.14	68.61
15061-0843		Straight Couplings, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0844	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	24.38	12.29
15061-0845	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	27.69	13.72
15061-0846	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	33.87	15.33
15061-0847	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	39.74	17.38
15061-0848	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	47.80	19.55
15061-0849	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	64.23	24.89
15061-0850	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3000#	122.96	36.80
15061-0851	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	166.08	48.41
15061-0852	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3000#	267.94	54.34
15061-0853		Reducing Couplings, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0854	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	27.61	12.29
15061-0855	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	31.22	13.72
15061-0856	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	39.53	15.33
15061-0857	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	46.58	17.38
15061-0858	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	57.94	19.55
15061-0859	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	75.07	24.89



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0860	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	146.84	36.80
15061-0861	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	214.11	48.41
15061-0862	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3000#	367.79	54.34
15061-0863		Caps, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0864	EA	1/2" Cap, Carbon Steel, Socket Weld, 3000#	18.10	5.77
15061-0865	EA	3/4" Cap, Carbon Steel, Socket Weld, 3000#	21.60	6.14
15061-0866	EA	1" Cap, Carbon Steel, Socket Weld, 3000#	25.63	7.07
15061-0867	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3000#	31.08	7.70
15061-0868	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3000#	38.27	7.70
15061-0869	EA	2" Cap, Carbon Steel, Socket Weld, 3000#	49.76	9.87
15061-0870	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3000#	100.67	12.29
15061-0871	EA	3" Cap, Carbon Steel, Socket Weld, 3000#	151.86	14.83
15061-0872	EA	4" Cap, Carbon Steel, Socket Weld, 3000#	230.03	18.59
15061-0873		Black Cast Iron Square Head Plug (15061-0802)		
15061-0874	EA	1/2" Square Head Plug, Black, Cast Iron	8.67	4.90
15061-0875	EA	3/4" Square Head Plug, Black, Cast Iron	10.70	4.90
15061-0876	EA	1" Square Head Plug, Black, Cast Iron	14.91	7.44
15061-0877	EA	1-1/4" Square Head Plug, Black, Cast Iron	15.32	7.44
15061-0878	EA	1-1/2" Square Head Plug, Black, Cast Iron	17.01	7.44
15061-0879	EA	2" Square Head Plug, Black, Cast Iron	22.45	9.87
15061-0880	EA	2-1/2" Square Head Plug, Black, Cast Iron	29.45	12.29
15061-0881	EA	3" Square Head Plug, Black, Cast Iron	39.99	14.83
15061-0882	EA	4" Square Head Plug, Black, Cast Iron	48.75	18.59
15061-0883		Unions, 3000# Carbon Steel Socket Weld (15061-0802)		
15061-0884	EA	1/2" Union, Carbon Steel, Socket Weld, 3000#	56.56	15.33
15061-0885	EA	3/4" Union, Carbon Steel, Socket Weld, 3000#	60.97	17.68
15061-0886	EA	1" Union, Carbon Steel, Socket Weld, 3000#	81.69	20.91
15061-0887	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3000#	106.76	24.89
15061-0888	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3000#	129.29	29.67
15061-0889	EA	2" Union, Carbon Steel, Socket Weld, 3000#	162.34	36.80
15061-0890	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3000#	334.37	39.97
15061-0891	EA	3" Union, Carbon Steel, Socket Weld, 3000#	461.53	48.41
15061-0892		6000# Carbon Steel Socket Weld Fittings (15061-0801)		
15061-0893		90 Degree Elbow, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0894	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	38.47	12.29
15061-0895	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	43.53	13.72
15061-0896	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	65.30	15.33
15061-0897	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	104.90	17.38
15061-0898	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	121.13	19.55
15061-0899	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	172.07	24.89
15061-0900	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	397.18	36.80
15061-0901	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	583.10	48.41
15061-0902	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6000#	1,165.55	54.34
15061-0903		45 Degree Elbow, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0904	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	47.98	12.29
15061-0905	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	57.75	13.72
15061-0906	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	70.47	15.33
15061-0907	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	112.05	17.38
15061-0908	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	136.01	19.55
15061-0909	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	174.89	24.89
15061-0910	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	483.18	36.80
15061-0911	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	660.93	48.41
15061-0912	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6000#	1,161.79	54.34
15061-0913		Straight Tees, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0914	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6000#	51.69	15.33
15061-0915	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6000#	67.97	17.68
15061-0916	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6000#	104.67	20.91
15061-0917	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6000#	156.84	24.89
15061-0918	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6000#	192.75	29.67
15061-0919	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6000#	270.40	36.80
15061-0920	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6000#	590.72	48.41
15061-0921	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6000#	864.20	57.47
15061-0922	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6000#	1,930.68	68.61
15061-0923		Reducing Tees, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0924	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	39.47	15.33

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0925	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	49.67	17.68
15061-0926	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	71.37	20.91
15061-0927	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	103.99	24.89
15061-0928	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	126.90	29.67
15061-0929	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	175.25	36.80
15061-0930	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	361.42	48.41
15061-0931	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	518.66	57.47
15061-0932	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6000#	950.14	68.61
15061-0933		Straight Couplings, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0934	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	27.28	12.29
15061-0935	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	31.12	13.72
15061-0936	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	39.13	15.33
15061-0937	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	46.38	17.38
15061-0938	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	56.71	19.55
15061-0939	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	77.27	24.89
15061-0940	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	155.74	36.80
15061-0941	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	211.29	48.41
15061-0942	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6000#	358.13	54.34
15061-0943		Reducing Couplings, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0944	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	32.03	12.29
15061-0945	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	36.33	13.72
15061-0946	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	47.47	15.33
15061-0947	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	56.45	17.38
15061-0948	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	71.66	19.55
15061-0949	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	93.22	24.89
15061-0950	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	190.84	36.80
15061-0951	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	282.04	48.41
15061-0952	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6000#	505.23	54.34
15061-0953		Caps, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0954	EA	1/2" Cap, Carbon Steel, Socket Weld, 6000#	24.45	5.77
15061-0955	EA	3/4" Cap, Carbon Steel, Socket Weld, 6000#	29.92	6.14
15061-0956	EA	1" Cap, Carbon Steel, Socket Weld, 6000#	35.71	7.07
15061-0957	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6000#	44.23	7.70
15061-0958	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6000#	56.23	7.70
15061-0959	EA	2" Cap, Carbon Steel, Socket Weld, 6000#	73.21	9.87
15061-0960	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6000#	155.89	12.29
15061-0961	EA	3" Cap, Carbon Steel, Socket Weld, 6000#	238.86	14.83
15061-0962	EA	4" Cap, Carbon Steel, Socket Weld, 6000#	365.67	18.59
15061-0963		Black Cast Iron Square Head Plug (15061-0892)		
15061-0964	EA	1/2" Square Head Plug, Black Cast Iron	8.67	4.90
15061-0965	EA	3/4" Square Head Plug, Black Cast Iron	10.72	4.90
15061-0966	EA	1" Square Head Plug, Black Cast Iron	14.93	7.44
15061-0967	EA	1-1/4" Square Head Plug, Black Cast Iron	15.34	7.44
15061-0968	EA	1-1/2" Square Head Plug, Black Cast Iron	17.04	7.44
15061-0969	EA	2" Square Head Plug, Black Cast Iron	22.49	9.87
15061-0970	EA	2-1/2" Square Head Plug, Black Cast Iron	29.50	12.29
15061-0971	EA	3" Square Head Plug, Black Cast Iron	40.08	14.83
15061-0972	EA	4" Square Head Plug, Black Cast Iron	48.86	18.59
15061-0973		Unions, 6000# Carbon Steel Socket Weld (15061-0892)		
15061-0974	EA	1/2" Union, Carbon Steel, Socket Weld, 6000#	77.08	15.33
15061-0975	EA	3/4" Union, Carbon Steel, Socket Weld, 6000#	82.03	17.68
15061-0976	EA	1" Union, Carbon Steel, Socket Weld, 6000#	112.48	20.91
15061-0977	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6000#	149.25	24.89
15061-0978	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6000#	181.14	29.67
15061-0979	EA	2" Union, Carbon Steel, Socket Weld, 6000#	227.88	36.80
15061-0980	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6000#	502.17	39.97
15061-0981	EA	3" Union, Carbon Steel, Socket Weld, 6000#	699.37	48.41
15061-0982		Carbon Steel Piping System (15061-0801)		
		Note: ASTM A106 Excludes hangers or fittings. Demolition Note 15050 applies to all pipe demolition.		
15061-0983		Schedule 40 Carbon Steel Piping (15061-0982)		
		Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
15061-0984	LF	1/4" ASTM A106 Carbon Steel Pipe, Schedule 40	9.22	2.30
		15MOD-0049 For Schedule 80, Add	2.08	
15061-0985	LF	1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	9.04	2.48
		15MOD-0049 For Schedule 80, Add	1.90	
		15MOD-0050 For Schedule 160, Add	7.92	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-0986	LF 3/4" ASTM A106 Carbon Steel Pipe, Schedule 40 15MOD-0049 For Schedule 80, Add 15MOD-0050 For Schedule 160, Add	10.46 2.33 9.69	2.67
15061-0987	LF 1" ASTM A106 Carbon Steel Pipe, Schedule 40 15MOD-0049 For Schedule 80, Add 15MOD-0050 For Schedule 160, Add	11.00 2.40 9.99	2.92
15061-0988	LF 1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40 15MOD-0049 For Schedule 80, Add 15MOD-0050 For Schedule 160, Add	15.22 3.54 14.73	3.60
15061-0989	LF 2" ASTM A106 Carbon Steel Pipe, Schedule 40 15MOD-0049 For Schedule 80, Add 15MOD-0050 For Schedule 160, Add	19.47 4.65 19.40	4.35
15061-0990	90 Degree Elbows, Screwed Carbon Steel (15061-0982)		
15061-0991	EA 1/4" 90 Degree Elbow, 2000# Screwed Carbon Steel	22.47	9.43
15061-0992	EA 1/2" 90 Degree Elbow, 2000# Screwed Carbon Steel	27.90	11.05
15061-0993	EA 3/4" 90 Degree Elbow, 2000# Screwed Carbon Steel	31.13	12.35
15061-0994	EA 1" 90 Degree Elbow, 2000# Screwed Carbon Steel	36.56	13.78
15061-0995	EA 1-1/2" 90 Degree Elbow, 2000# Screwed Carbon Steel	67.39	17.62
15061-0996	EA 2" 90 Degree Elbow, 2000# Screwed Carbon Steel	85.27	22.41
15061-0997	EA 1/4" 90 Degree Elbow, 3000# Screwed Carbon Steel	25.10	9.43
15061-0998	EA 1/2" 90 Degree Elbow, 3000# Screwed Carbon Steel	28.88	11.05
15061-0999	EA 3/4" 90 Degree Elbow, 3000# Screwed Carbon Steel	34.38	12.35
15061-1000	EA 1" 90 Degree Elbow, 3000# Screwed Carbon Steel	43.65	13.78
15061-1001	EA 1-1/2" 90 Degree Elbow, 3000# Screwed Carbon Steel	84.31	17.62
15061-1002	EA 2" 90 Degree Elbow, 3000# Screwed Carbon Steel	103.97	22.41
15061-1003	EA 1/2" 90 Degree Elbow, 6000# Screwed Carbon Steel	38.09	11.05
15061-1004	EA 3/4" 90 Degree Elbow, 6000# Screwed Carbon Steel	45.98	12.35
15061-1005	EA 1" 90 Degree Elbow, 6000# Screwed Carbon Steel	55.83	13.78
15061-1006	EA 1-1/2" 90 Degree Elbow, 6000# Screwed Carbon Steel	118.55	17.62
15061-1007	EA 2" 90 Degree Elbow, 6000# Screwed Carbon Steel	194.78	22.41
15061-1008	45 Degree Elbows, Screwed Carbon Steel (15061-0982)		
15061-1009	EA 1/4" 45 Degree Elbow, 2000# Screwed Carbon Steel	27.74	9.43
15061-1010	EA 1/2" 45 Degree Elbow, 2000# Screwed Carbon Steel	30.02	11.05
15061-1011	EA 3/4" 45 Degree Elbow, 2000# Screwed Carbon Steel	33.87	12.35
15061-1012	EA 1" 45 Degree Elbow, 2000# Screwed Carbon Steel	38.65	13.78
15061-1013	EA 1-1/2" 45 Degree Elbow, 2000# Screwed Carbon Steel	60.63	17.62
15061-1014	EA 2" 45 Degree Elbow, 2000# Screwed Carbon Steel	95.70	22.41
15061-1015	EA 1/4" 45 Degree Elbow, 3000# Screwed Carbon Steel	28.17	9.43
15061-1016	EA 1/2" 45 Degree Elbow, 3000# Screwed Carbon Steel	32.44	11.05
15061-1017	EA 3/4" 45 Degree Elbow, 3000# Screwed Carbon Steel	36.65	12.35
15061-1018	EA 1" 45 Degree Elbow, 3000# Screwed Carbon Steel	45.88	13.78
15061-1019	EA 1-1/2" 45 Degree Elbow, 3000# Screwed Carbon Steel	81.70	17.62
15061-1020	EA 2" 45 Degree Elbow, 3000# Screwed Carbon Steel	109.81	22.41
15061-1021	EA 1/2" 45 Degree Elbow, 6000# Screwed Carbon Steel	44.46	11.05
15061-1022	EA 3/4" 45 Degree Elbow, 6000# Screwed Carbon Steel	57.46	12.35
15061-1023	EA 1" 45 Degree Elbow, 6000# Screwed Carbon Steel	60.14	13.78
15061-1024	EA 1-1/2" 45 Degree Elbow, 6000# Screwed Carbon Steel	142.97	17.62
15061-1025	EA 2" 45 Degree Elbow, 6000# Screwed Carbon Steel	196.39	22.41
15061-1026	Straight Tees, Screwed Carbon Steel (15061-0982)		
15061-1027	EA 1/4" Tee, Straight, 2000# Screwed Carbon Steel	30.26	13.09
15061-1028	EA 1/2" Tee, Straight, 2000# Screwed Carbon Steel	35.39	13.78
15061-1029	EA 3/4" Tee, Straight, 2000# Screwed Carbon Steel	43.92	15.95
15061-1030	EA 1" Tee, Straight, 2000# Screwed Carbon Steel	55.63	18.80
15061-1031	EA 1-1/2" Tee, Straight, 2000# Screwed Carbon Steel	97.70	26.69
15061-1032	EA 2" Tee, Straight, 2000# Screwed Carbon Steel	121.12	33.14
15061-1033	EA 1/4" Tee, Straight, 3000# Screwed Carbon Steel	32.52	13.09
15061-1034	EA 1/2" Tee, Straight, 3000# Screwed Carbon Steel	36.86	13.78
15061-1035	EA 3/4" Tee, Straight, 3000# Screwed Carbon Steel	48.82	15.95
15061-1036	EA 1" Tee, Straight, 3000# Screwed Carbon Steel	59.83	18.80
15061-1037	EA 1-1/2" Tee, Straight, 3000# Screwed Carbon Steel	112.22	26.69
15061-1038	EA 2" Tee, Straight, 3000# Screwed Carbon Steel	145.15	33.14
15061-1039	EA 1/2" Tee, Straight, 6000# Screwed Carbon Steel	47.91	13.78
15061-1040	EA 3/4" Tee, Straight, 6000# Screwed Carbon Steel	60.69	15.95
15061-1041	EA 1" Tee, Straight, 6000# Screwed Carbon Steel	89.18	18.80
15061-1042	EA 1-1/2" Tee, Straight, 6000# Screwed Carbon Steel	145.57	26.69
15061-1043	EA 2" Tee, Straight, 6000# Screwed Carbon Steel	251.47	33.14
15061-1044	Straight Couplings, Screwed Carbon Steel (15061-0982)		
15061-1045	EA 1/4" Coupling, Straight, 3000# Screwed Carbon Steel	18.86	9.43
15061-1046	EA 1/2" Coupling, Straight, 3000# Screwed Carbon Steel	21.14	11.05
15061-1047	EA 3/4" Coupling, Straight, 3000# Screwed Carbon Steel	24.85	12.35
15061-1048	EA 1" Coupling, Straight, 3000# Screwed Carbon Steel	30.20	13.78
15061-1049	EA 1-1/2" Coupling, Straight, 3000# Screwed Carbon Steel	50.32	17.62
15061-1050	EA 2" Coupling, Straight, 3000# Screwed Carbon Steel	63.83	22.41

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1051	EA	1/4" Coupling, Straight, 6000# Screwed Carbon Steel.....	25.49	9.43
15061-1052	EA	1/2" Coupling, Straight, 6000# Screwed Carbon Steel.....	25.33	11.05
15061-1053	EA	3/4" Coupling, Straight, 6000# Screwed Carbon Steel.....	28.07	12.35
15061-1054	EA	1" Coupling, Straight, 6000# Screwed Carbon Steel.....	34.49	13.78
15061-1055	EA	1-1/2" Coupling, Straight, 6000# Screwed Carbon Steel.....	56.88	17.62
15061-1056	EA	2" Coupling, Straight, 6000# Screwed Carbon Steel.....	87.79	22.41
15061-1057		Reducing Couplings, Screwed Carbon Steel (15061-0982)		
15061-1058	EA	1/4" Coupling, Reducing, 3000# Screwed Carbon Steel.....	19.78	10.06
15061-1059	EA	1/2" Coupling, Reducing, 3000# Screwed Carbon Steel.....	23.31	11.05
15061-1060	EA	3/4" Coupling, Reducing, 3000# Screwed Carbon Steel.....	28.17	12.35
15061-1061	EA	1" Coupling, Reducing, 3000# Screwed Carbon Steel.....	34.80	13.78
15061-1062	EA	1-1/2" Coupling, Reducing, 3000# Screwed Carbon Steel.....	51.52	17.62
15061-1063	EA	2" Coupling, Reducing, 3000# Screwed Carbon Steel.....	70.29	22.41
15061-1064	EA	1/2" Coupling, Reducing, 6000# Screwed Carbon Steel.....	108.20	11.05
15061-1065	EA	3/4" Coupling, Reducing, 6000# Screwed Carbon Steel.....	110.18	12.35
15061-1066	EA	1" Coupling, Reducing, 6000# Screwed Carbon Steel.....	130.40	13.78
15061-1067	EA	1-1/2" Coupling, Reducing, 6000# Screwed Carbon Steel.....	192.92	17.62
15061-1068	EA	2" Coupling, Reducing, 6000# Screwed Carbon Steel.....	284.31	22.41
15061-1069		Caps, Screwed Carbon Steel (15061-0982)		
15061-1070	EA	1/4" Cap, 3000# Screwed Carbon Steel.....	7.35	2.30
15061-1071	EA	1/2" Cap, 3000# Screwed Carbon Steel.....	8.11	2.60
15061-1072	EA	3/4" Cap, 3000# Screwed Carbon Steel.....	10.35	2.98
15061-1073	EA	1" Cap, 3000# Screwed Carbon Steel.....	14.25	3.48
15061-1074	EA	1-1/2" Cap, 3000# Screwed Carbon Steel.....	20.70	4.16
15061-1075	EA	2" Cap, 3000# Screwed Carbon Steel.....	30.32	5.15
15061-1076	EA	1/4" Cap, 6000# Screwed Carbon Steel.....	15.31	2.30
15061-1077	EA	1/2" Cap, 6000# Screwed Carbon Steel.....	13.20	2.60
15061-1078	EA	3/4" Cap, 6000# Screwed Carbon Steel.....	18.65	2.98
15061-1079	EA	1" Cap, 6000# Screwed Carbon Steel.....	20.32	3.48
15061-1080	EA	1-1/2" Cap, 6000# Screwed Carbon Steel.....	45.42	4.16
15061-1081	EA	2" Cap, 6000# Screwed Carbon Steel.....	54.40	5.15
15061-1082		Nipples, Screwed Carbon Steel (15061-0982)		
15061-1083	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel.....	11.85	5.65
15061-1084	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel.....	11.89	5.89
15061-1085	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel.....	11.69	5.89
15061-1086	EA	1" Nipple, 2" Long, Screwed Carbon Steel.....	13.58	6.40
15061-1087	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel.....	16.42	6.89
15061-1088	EA	2" Nipple, 2" Long, Screwed Carbon Steel.....	17.93	8.88
15061-1089	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel.....	13.37	5.65
15061-1090	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel.....	13.09	5.89
15061-1091	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel.....	13.05	5.89
15061-1092	EA	1" Nipple, 4" Long, Screwed Carbon Steel.....	15.41	6.40
15061-1093	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel.....	19.69	6.89
15061-1094	EA	2" Nipple, 4" Long, Screwed Carbon Steel.....	22.72	8.88
15061-1095	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel.....	17.00	5.65
15061-1096	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel.....	15.01	5.89
15061-1097	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel.....	15.19	5.89
15061-1098	EA	1" Nipple, 6" Long, Screwed Carbon Steel.....	18.06	6.40
15061-1099	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel.....	24.17	6.89
15061-1100	EA	2" Nipple, 6" Long, Screwed Carbon Steel.....	26.69	8.88
15061-1101		Unions, Screwed Carbon Steel (15061-0982)		
15061-1102	EA	1/4" Union, 3000# Screwed Carbon Steel.....	24.00	13.72
15061-1103	EA	1/2" Union, 3000# Screwed Carbon Steel.....	23.29	13.78
15061-1104	EA	3/4" Union, 3000# Screwed Carbon Steel.....	26.54	15.95
15061-1105	EA	1" Union, 3000# Screwed Carbon Steel.....	32.12	18.80
15061-1106	EA	1-1/2" Union, 3000# Screwed Carbon Steel.....	46.60	26.69
15061-1107	EA	2" Union, 3000# Screwed Carbon Steel.....	57.95	33.14
15061-1108	EA	1/4" Union, 6000# Screwed Carbon Steel.....	59.21	13.72
15061-1109	EA	1/2" Union, 6000# Screwed Carbon Steel.....	65.85	13.78
15061-1110	EA	3/4" Union, 6000# Screwed Carbon Steel.....	78.09	15.95
15061-1111	EA	1" Union, 6000# Screwed Carbon Steel.....	95.65	18.80
15061-1112	EA	1-1/2" Union, 6000# Screwed Carbon Steel.....	176.50	26.69
15061-1113	EA	2" Union, 6000# Screwed Carbon Steel.....	217.82	33.14
15061-1114		Weld Neck Flanges, Screwed Carbon Steel (15061-0982)		
15061-1115	EA	1/2" Flange, 150#, Screwed Carbon Steel.....	57.19	25.63
15061-1116	EA	3/4" Flange, 150#, Screwed Carbon Steel.....	59.64	26.87
15061-1117	EA	1" Flange, 150#, Screwed Carbon Steel.....	61.40	28.05
15061-1118	EA	1-1/2" Flange, 150#, Screwed Carbon Steel.....	67.37	31.60
15061-1119	EA	2" Flange, 150#, Screwed Carbon Steel.....	69.44	32.96



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1120	EA 1/2" Flange, 300#, Screwed Carbon Steel.....	58.37	25.63
	15MOD-0051 For Ring Type Joint, Add	19.91	
	15MOD-0052 For Blind Flange, Deduct	-19.37	
15061-1121	EA 3/4" Flange, 300#, Screwed Carbon Steel.....	60.90	26.87
	15MOD-0051 For Ring Type Joint, Add	20.58	
	15MOD-0052 For Blind Flange, Deduct	-20.24	
15061-1122	EA 1" Flange, 300#, Screwed Carbon Steel.....	63.31	28.05
	15MOD-0051 For Ring Type Joint, Add	21.23	
	15MOD-0052 For Blind Flange, Deduct	-21.08	
15061-1123	EA 1-1/2" Flange, 300#, Screwed Carbon Steel.....	71.95	31.60
	15MOD-0051 For Ring Type Joint, Add	24.57	
	15MOD-0052 For Blind Flange, Deduct	-23.87	
15061-1124	EA 2" Flange, 300#, Screwed Carbon Steel.....	74.02	32.96
	15MOD-0051 For Ring Type Joint, Add	24.57	
	15MOD-0052 For Blind Flange, Deduct	-24.69	
15061-1125	EA 1/2" Flange, 600#, Screwed Carbon Steel.....	66.21	25.63
	15MOD-0051 For Ring Type Joint, Add	27.75	
	15MOD-0052 For Blind Flange, Deduct	-20.93	
15061-1126	EA 3/4" Flange, 600#, Screwed Carbon Steel.....	68.07	26.87
	15MOD-0051 For Ring Type Joint, Add	27.75	
	15MOD-0052 For Blind Flange, Deduct	-21.68	
15061-1127	EA 1" Flange, 600#, Screwed Carbon Steel.....	71.09	28.05
	15MOD-0051 For Ring Type Joint, Add	29.01	
	15MOD-0052 For Blind Flange, Deduct	-22.63	
15061-1128	EA 1-1/2" Flange, 600#, Screwed Carbon Steel.....	81.58	31.60
	15MOD-0051 For Ring Type Joint, Add	34.20	
	15MOD-0052 For Blind Flange, Deduct	-25.79	
15061-1129	EA 2" Flange, 600#, Screwed Carbon Steel.....	81.28	32.96
	15MOD-0051 For Ring Type Joint, Add	31.83	
	15MOD-0052 For Blind Flange, Deduct	-26.15	
15061-1130	Square Head Plugs, Screwed Carbon Steel (15061-0982)		
15061-1131	EA 1/4" Square Head Plug, Screwed Carbon Steel.....	3.77	1.74
15061-1132	EA 1/2" Square Head Plug, Screwed Carbon Steel.....	4.52	2.05
15061-1133	EA 3/4" Square Head Plug, Screwed Carbon Steel.....	5.30	2.36
15061-1134	EA 1" Square Head Plug, Screwed Carbon Steel.....	7.69	3.48
15061-1135	EA 1-1/2" Square Head Plug, Screwed Carbon Steel.....	10.75	3.48
15061-1136	EA 2" Square Head Plug, Screwed Carbon Steel.....	16.03	4.53
15061-1137	Hex Head Plugs, Screwed Carbon Steel (15061-0982)		
15061-1138	EA 1/4" Hex Head Plug, Screwed Carbon Steel.....	3.91	1.74
15061-1139	EA 1/2" Hex Head Plug, Screwed Carbon Steel.....	4.80	2.05
15061-1140	EA 3/4" Hex Head Plug, Screwed Carbon Steel.....	5.92	2.36
15061-1141	EA 1" Hex Head Plug, Screwed Carbon Steel.....	8.72	3.48
15061-1142	EA 1-1/2" Hex Head Plug, Screwed Carbon Steel.....	12.57	3.48
15061-1143	EA 2" Hex Head Plug, Screwed Carbon Steel.....	21.47	4.53
15061-1144	Round Head Plugs, Screwed Carbon Steel (15061-0982)		
15061-1145	EA 1/4" Round Head Plug, Screwed Carbon Steel.....	5.41	1.74
15061-1146	EA 1/2" Round Head Plug, Screwed Carbon Steel.....	5.30	2.05
15061-1147	EA 3/4" Round Head Plug, Screwed Carbon Steel.....	6.00	2.36
15061-1148	EA 1" Round Head Plug, Screwed Carbon Steel.....	9.13	3.48
15061-1149	EA 1-1/2" Round Head Plug, Screwed Carbon Steel.....	14.87	3.48
15061-1150	EA 2" Round Head Plug, Screwed Carbon Steel.....	21.19	4.53
15061-1151	Hexagon Bushings, Screwed Carbon Steel (15061-0982)		
15061-1152	EA 1/4" Hex Bushing, Screwed Carbon Steel.....	4.26	1.74
15061-1153	EA 1/2" Hex Bushing, Screwed Carbon Steel.....	4.79	2.05
15061-1154	EA 3/4" Hex Bushing, Screwed Carbon Steel.....	5.80	2.36
15061-1155	EA 1" Hex Bushing, Screwed Carbon Steel.....	9.05	3.48
15061-1156	EA 1-1/2" Hex Bushing, Screwed Carbon Steel.....	12.49	3.48
15061-1157	EA 2" Hex Bushing, Screwed Carbon Steel.....	20.40	4.53
15061-1158	90 Degree Street Elbows, Screwed Carbon Steel (15061-0982)		
15061-1159	EA 1/4" 90 Degree Elbow, 3000# Screwed Carbon Steel.....	30.89	9.43
15061-1160	EA 1/2" 90 Degree Elbow, 3000# Screwed Carbon Steel.....	34.51	11.05
15061-1161	EA 3/4" 90 Degree Elbow, 3000# Screwed Carbon Steel.....	41.62	12.35
15061-1162	EA 1" 90 Degree Elbow, 3000# Screwed Carbon Steel.....	50.23	13.78
15061-1163	EA 1-1/2" 90 Degree Elbow, 3000# Screwed Carbon Steel.....	89.63	17.62
15061-1164	EA 2" 90 Degree Elbow, 3000# Screwed Carbon Steel.....	123.83	22.41
15061-1165	EA 1/2" 90 Degree Elbow, 6000# Screwed Carbon Steel.....	58.57	11.05
15061-1166	EA 3/4" 90 Degree Elbow, 6000# Screwed Carbon Steel.....	90.54	12.35
15061-1167	EA 1" 90 Degree Elbow, 6000# Screwed Carbon Steel.....	132.09	13.78
15061-1168	EA 1-1/2" 90 Degree Elbow, 6000# Screwed Carbon Steel.....	314.83	17.62

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

15061-1169		Screwed Carbon Steel Laterals <small>(15061-0982)</small>		
15061-1170	EA	1/2" Lateral, Straight, 3000# Screwed Carbon Steel.....	186.43	13.78
15061-1171	EA	3/4" Lateral, Straight, 3000# Screwed Carbon Steel.....	225.64	15.95
15061-1172	EA	1" Lateral, Straight, 3000# Screwed Carbon Steel.....	277.55	18.80
15061-1173	EA	1-1/2" Lateral, Straight, 3000# Screwed Carbon Steel.....	351.35	26.69
15061-1174	EA	2" Lateral, Straight, 3000# Screwed Carbon Steel.....	438.79	33.14
15061-1175	EA	1/2" Lateral, Straight, 6000# Screwed Carbon Steel.....	242.64	13.78
15061-1176	EA	3/4" Lateral, Straight, 6000# Screwed Carbon Steel.....	309.23	15.95
15061-1177	EA	1" Lateral, Straight, 6000# Screwed Carbon Steel.....	366.93	18.80
15061-1178	EA	1-1/2" Lateral, Straight, 6000# Screwed Carbon Steel.....	515.67	26.69

15061-1179 Grooved-Joint Pipe (15061)
 Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.

15061-1180		Schedule 10 Black Grooved Pipe <small>(15061-1179)</small>		
15061-1181	LF	2" Black Schedule 10 Grooved Pipe.....	16.48	7.88
15061-1182	LF	2-1/2" Black Schedule 10 Grooved Pipe.....	22.28	10.80
15061-1183	LF	3" Black Schedule 10 Grooved Pipe.....	24.98	11.97
15061-1184	LF	3-1/2" Black Schedule 10 Grooved Pipe.....	27.63	12.41
15061-1185	LF	4" Black Schedule 10 Grooved Pipe.....	29.40	13.47
15061-1186	LF	5" Black Schedule 10 Grooved Pipe.....	40.92	16.51
15061-1187	LF	6" Black Schedule 10 Grooved Pipe.....	53.28	23.46
15061-1188	LF	8" Black Schedule 10 Grooved Pipe.....	71.44	26.32
15061-1189	LF	10" Black Schedule 10 Grooved Pipe.....	89.26	31.72
15061-1190	LF	12" Black Schedule 10 Grooved Pipe.....	102.83	35.93

15061-1191		Schedule 40 Black Grooved Pipe <small>(15061-1179)</small>		
15061-1192	LF	3/4" Black Schedule 40 Grooved Pipe.....	9.89	4.78
15061-1193	LF	1" Black Schedule 40 Grooved Pipe.....	11.17	5.40
15061-1194	LF	1-1/4" Black Schedule 40 Grooved Pipe.....	12.65	5.83
15061-1195	LF	1-1/2" Black Schedule 40 Grooved Pipe.....	14.39	6.64
15061-1196	LF	2" Black Schedule 40 Grooved Pipe.....	18.15	8.44
15061-1197	LF	2-1/2" Black Schedule 40 Grooved Pipe.....	25.23	11.54
15061-1198	LF	3" Black Schedule 40 Grooved Pipe.....	29.66	13.15
15061-1199	LF	4" Black Schedule 40 Grooved Pipe.....	36.03	14.65
15061-1200	LF	5" Black Schedule 40 Grooved Pipe.....	49.06	17.82
15061-1201	LF	6" Black Schedule 40 Grooved Pipe.....	66.40	25.69
15061-1202	LF	8" Black Schedule 40 Grooved Pipe.....	86.98	29.11
15061-1203	LF	10" Black Schedule 40 Grooved Pipe.....	118.62	34.75
15061-1204	LF	12" Black Schedule 40 Grooved Pipe.....	139.50	39.91

15061-1205		Schedule 80 Black Grooved Pipe <small>(15061-1179)</small>		
15061-1206	LF	3/4" Black Schedule 80 Grooved Pipe.....	10.84	5.22
15061-1207	LF	1" Black Schedule 80 Grooved Pipe.....	11.98	5.53
15061-1208	LF	1-1/4" Black Schedule 80 Grooved Pipe.....	13.98	6.14
15061-1209	LF	1-1/2" Black Schedule 80 Grooved Pipe.....	15.89	6.89
15061-1210	LF	2" Black Schedule 80 Grooved Pipe.....	20.56	8.88
15061-1211	LF	2-1/2" Black Schedule 80 Grooved Pipe.....	28.86	12.23
15061-1212	LF	3" Black Schedule 80 Grooved Pipe.....	34.23	13.72
15061-1213	LF	4" Black Schedule 80 Grooved Pipe.....	42.48	14.96
15061-1214	LF	5" Black Schedule 80 Grooved Pipe.....	63.92	18.80
15061-1215	LF	6" Black Schedule 80 Grooved Pipe.....	83.78	26.93
15061-1216	LF	8" Black Schedule 80 Grooved Pipe.....	123.13	30.79
15061-1217	LF	10" Black Schedule 80 Grooved Pipe.....	152.97	37.17
15061-1218	LF	12" Black Schedule 80 Grooved Pipe.....	162.49	44.93

15061-1219		Schedule 40 Galvanized Grooved Pipe <small>(15061-1179)</small>		
15061-1220	LF	3/4" Galvanized Schedule 40 Grooved Pipe.....	10.26	4.78
15061-1221	LF	1" Galvanized Schedule 40 Grooved Pipe.....	11.87	5.40
15061-1222	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe.....	13.22	5.83
15061-1223	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe.....	15.04	6.64
15061-1224	LF	2" Galvanized Schedule 40 Grooved Pipe.....	19.03	8.44
15061-1225	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe.....	26.60	11.54
15061-1226	LF	3" Galvanized Schedule 40 Grooved Pipe.....	31.49	13.15
15061-1227	LF	4" Galvanized Schedule 40 Grooved Pipe.....	38.61	14.65
15061-1228	LF	5" Galvanized Schedule 40 Grooved Pipe.....	53.82	17.82
15061-1229	LF	6" Galvanized Schedule 40 Grooved Pipe.....	72.84	25.69
15061-1230	LF	8" Galvanized Schedule 40 Grooved Pipe.....	95.96	29.11
15061-1231	LF	10" Galvanized Schedule 40 Grooved Pipe.....	134.28	34.75
15061-1232	LF	12" Galvanized Schedule 40 Grooved Pipe.....	158.44	39.91

15061-1233		Schedule 80 Galvanized Grooved Pipe <small>(15061-1179)</small>		
15061-1234	LF	3/4" Galvanized Schedule 80 Grooved Pipe.....	11.04	5.22
15061-1235	LF	1" Galvanized Schedule 80 Grooved Pipe.....	14.19	5.53
15061-1236	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe.....	14.44	6.14



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1237	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe.....	18.77	7.32
15061-1238	LF	2" Galvanized Schedule 80 Grooved Pipe.....	21.33	8.88
15061-1239	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe.....	30.12	12.23
15061-1240	LF	3" Galvanized Schedule 80 Grooved Pipe.....	36.08	13.72
15061-1241	LF	4" Galvanized Schedule 80 Grooved Pipe.....	45.06	14.96
15061-1242	LF	5" Galvanized Schedule 80 Grooved Pipe.....	67.25	18.80
15061-1243	LF	6" Galvanized Schedule 80 Grooved Pipe.....	87.57	26.93
15061-1244	LF	8" Galvanized Schedule 80 Grooved Pipe.....	129.44	30.79
15061-1245	LF	10" Galvanized Schedule 80 Grooved Pipe.....	154.13	37.17
15061-1246	LF	12" Galvanized Schedule 80 Grooved Pipe.....	169.82	44.93
15061-1247		Painted Grooved-Joint Pipe Fittings (15061)		
15061-1248		Grooved Elbows (15061-1247)		
15061-1249		90 Degree Grooved Elbows (15061-1248)		
		Note: Number 10		
15061-1250	EA	3/4" 90 Degree Elbow, Ductile Iron, Grooved	32.40	6.77
		15MOD-0053 For Galvanized Fittings, Add	7.35	
15061-1251	EA	1" 90 Degree Elbow, Ductile Iron, Grooved	32.40	6.77
		15MOD-0053 For Galvanized Fittings, Add	7.35	
15061-1252	EA	1-1/4" 90 Degree Elbow, Ductile Iron, Grooved	34.94	8.44
		15MOD-0053 For Galvanized Fittings, Add	7.35	
15061-1253	EA	1-1/2" 90 degree Elbow, Ductile Iron, Grooved.....	37.62	10.24
		15MOD-0053 For Galvanized Fittings, Add	7.35	
15061-1254	EA	2" 90 Degree Elbow, Ductile Iron, Grooved	42.55	13.53
		15MOD-0053 For Galvanized Fittings, Add	7.35	
15061-1255	EA	2-1/2" 90 Degree Elbow, Ductile Iron, Grooved.....	46.97	16.51
		15MOD-0053 For Galvanized Fittings, Add	7.35	
15061-1256	EA	3" 90 Degree Elbow, Ductile Iron, Grooved	69.50	19.98
		15MOD-0053 For Galvanized Fittings, Add	13.05	
15061-1257	EA	4" 90 Degree Elbow, Ductile Iron, Grooved	82.61	26.38
		15MOD-0053 For Galvanized Fittings, Add	14.22	
15061-1258	EA	5" 90 Degree Elbow, Ductile Iron, Grooved.....	154.26	32.96
		15MOD-0053 For Galvanized Fittings, Add	34.60	
15061-1259	EA	6" 90 Degree Elbow, Ductile Iron, Grooved	186.51	43.14
		15MOD-0053 For Galvanized Fittings, Add	40.21	
15061-1260	EA	8" 90 Degree Elbow, Ductile Iron, Grooved.....	333.44	51.33
		15MOD-0053 For Galvanized Fittings, Add	84.64	
15061-1261	EA	10" 90 Degree Elbow, Ductile Iron, Grooved.....	489.37	59.89
		15MOD-0053 For Galvanized Fittings, Add	131.86	
15061-1262	EA	12" 90 Degree Elbow, Ductile Iron, Grooved.....	748.21	71.88
		15MOD-0053 For Galvanized Fittings, Add	211.35	
15061-1263		45 Degree Grooved Elbows (15061-1248)		
		Note: Number 11		
15061-1264	EA	3/4" 45 Degree Elbow, Ductile Iron, Grooved	32.39	6.77
		15MOD-0054 For Galvanized Fittings, Add	5.34	
15061-1265	EA	1" 45 Degree Elbow, Ductile Iron, Grooved	32.39	6.77
		15MOD-0054 For Galvanized Fittings, Add	5.34	
15061-1266	EA	1-1/4" 45 Degree Elbow, Ductile Iron, Grooved.....	34.93	8.44
		15MOD-0054 For Galvanized Fittings, Add	5.34	
15061-1267	EA	1-1/2" 45 degree Elbow, Ductile Iron, Grooved.....	37.61	10.24
		15MOD-0054 For Galvanized Fittings, Add	5.34	
15061-1268	EA	2" 45 Degree Elbow, Ductile Iron, Grooved.....	42.54	13.53
		15MOD-0054 For Galvanized Fittings, Add	5.34	
15061-1269	EA	2-1/2" 45 Degree Elbow, Ductile Iron, Grooved.....	46.96	16.51
		15MOD-0054 For Galvanized Fittings, Add	5.34	
15061-1270	EA	3" 45 Degree Elbow, Ductile Iron, Grooved	69.48	19.98
		15MOD-0054 For Galvanized Fittings, Add	9.49	
15061-1271	EA	4" 45 Degree Elbow, Ductile Iron, Grooved.....	82.61	26.38
		15MOD-0054 For Galvanized Fittings, Add	10.34	
15061-1272	EA	5" 45 Degree Elbow, Ductile Iron, Grooved.....	154.26	32.96
		15MOD-0054 For Galvanized Fittings, Add	25.16	
15061-1273	EA	6" 45 Degree Elbow, Ductile Iron, Grooved.....	186.51	43.14
		15MOD-0054 For Galvanized Fittings, Add	29.25	
15061-1274	EA	8" 45 Degree Elbow, Ductile Iron, Grooved.....	333.44	51.33
		15MOD-0054 For Galvanized Fittings, Add	61.55	
15061-1275	EA	10" 45 Degree Elbow, Ductile Iron, Grooved.....	489.37	59.89
		15MOD-0054 For Galvanized Fittings, Add	95.90	
15061-1276	EA	12" 45 Degree Elbow, Ductile Iron, Grooved.....	748.21	71.88
		15MOD-0054 For Galvanized Fittings, Add	153.71	
15061-1277		22-1/2 Degree Grooved Elbows (15061-1248)		
		Note: Number 12		
15061-1278	EA	1" 22-1/2 Degree Elbow, Ductile Iron, Grooved	33.85	6.77
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1279	EA	1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved.....	36.39	8.44
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1280	EA	1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved.....	39.07	10.24
		15MOD-0055 For Galvanized Fittings, Add	5.69	

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1281	EA	2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	44.00	13.53
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1282	EA	2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	48.42	16.51
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1283	EA	3" 22-1/2 Degree Elbow, Ductile Iron, Grooved	64.63	19.98
		15MOD-0055 For Galvanized Fittings, Add	8.32	
15061-1284	EA	4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	86.03	26.38
		15MOD-0055 For Galvanized Fittings, Add	11.16	
15061-1285	EA	5" 22-1/2 Degree Elbow, Steel, Grooved	193.62	32.96
		15MOD-0055 For Galvanized Fittings, Add	34.61	
15061-1286	EA	6" 22-1/2 Degree Elbow, Ductile Iron, Grooved	196.39	43.14
		15MOD-0055 For Galvanized Fittings, Add	31.62	
15061-1287	EA	8" 22-1/2 Degree Elbow, Ductile Iron, Grooved	352.61	51.33
		15MOD-0055 For Galvanized Fittings, Add	66.15	
15061-1288	EA	10" 22-1/2 Degree Elbow, Steel, Grooved	468.21	59.89
		15MOD-0055 For Galvanized Fittings, Add	90.82	
15061-1289	EA	12" 22-1/2 Degree Elbow, Steel, Grooved	619.34	71.88
		15MOD-0055 For Galvanized Fittings, Add	122.78	
15061-1290		11-1/4 Degree Grooved Elbows (15061-1248)		
		Note: Number 13		
15061-1291	EA	1" 11-1/4 Degree Elbow, Ductile Iron, Grooved	33.85	6.77
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1292	EA	1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	36.39	8.44
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1293	EA	1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	39.07	10.24
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1294	EA	2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	44.00	13.53
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1295	EA	2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	48.42	16.51
		15MOD-0055 For Galvanized Fittings, Add	5.69	
15061-1296	EA	3" 11-1/4 Degree Elbow, Ductile Iron, Grooved	64.63	19.98
		15MOD-0055 For Galvanized Fittings, Add	8.32	
15061-1297	EA	4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	86.03	26.38
		15MOD-0055 For Galvanized Fittings, Add	11.16	
15061-1298	EA	5" 11-1/4 Degree Elbow, Steel, Grooved	193.61	32.96
		15MOD-0055 For Galvanized Fittings, Add	34.61	
15061-1299	EA	6" 11-1/4 Degree Elbow, Ductile Iron, Grooved	196.38	43.14
		15MOD-0055 For Galvanized Fittings, Add	31.62	
15061-1300	EA	8" 11-1/4 Degree Elbow, Ductile Iron, Grooved	352.59	51.33
		15MOD-0055 For Galvanized Fittings, Add	66.15	
15061-1301	EA	10" 11-1/4 Degree Elbow, Steel, Grooved	468.19	59.89
		15MOD-0055 For Galvanized Fittings, Add	90.82	
15061-1302	EA	12" 11-1/4 Degree Elbow, Steel, Grooved	619.32	71.88
		15MOD-0055 For Galvanized Fittings, Add	122.78	
15061-1303		90 Degree Grooved Long Radius Elbows (15061-1248)		
		Note: Number 100		
15061-1304	EA	2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	71.19	13.53
		15MOD-0055 For Galvanized Fittings, Add	12.22	
15061-1305	EA	2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved	172.39	16.51
		15MOD-0055 For Galvanized Fittings, Add	35.44	
15061-1306	EA	3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	80.85	19.98
		15MOD-0055 For Galvanized Fittings, Add	12.22	
15061-1307	EA	4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	115.77	26.38
		15MOD-0055 For Galvanized Fittings, Add	18.30	
15061-1308	EA	5" 90 Degree Long Radius Elbow, Steel Grooved	440.19	32.96
		15MOD-0055 For Galvanized Fittings, Add	93.79	
15061-1309	EA	6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	287.69	43.14
		15MOD-0055 For Galvanized Fittings, Add	53.53	
15061-1310	EA	8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	611.95	51.33
		15MOD-0055 For Galvanized Fittings, Add	128.40	
15061-1311	EA	10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	1,199.04	59.89
		15MOD-0055 For Galvanized Fittings, Add	266.22	
15061-1312	EA	12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	1,430.53	71.88
		15MOD-0055 For Galvanized Fittings, Add	317.47	
15061-1313		Grooved Tees, Wyes And Crosses (15061-1247)		
15061-1314		Grooved Tees (15061-1313)		
		Note: Number 20		
15061-1315	EA	3/4" Tee, Ductile Iron, Grooved	47.37	8.88
		15MOD-0056 For Galvanized Fittings, Add	10.21	
15061-1316	EA	1" Tee, Ductile Iron, Grooved	49.38	10.24
		15MOD-0056 For Galvanized Fittings, Add	10.21	
15061-1317	EA	1-1/4" Tee, Ductile Iron, Grooved	52.80	12.54
		15MOD-0056 For Galvanized Fittings, Add	10.21	
15061-1318	EA	1-1/2" Tee, Ductile Iron, Grooved	57.07	15.39
		15MOD-0056 For Galvanized Fittings, Add	10.21	
15061-1319	EA	2" Tee, Ductile Iron, Grooved	63.85	19.92
		15MOD-0056 For Galvanized Fittings, Add	10.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1320 EA 2-1/2" Tee, Ductile Iron, Grooved.....	70.63	24.39
15MOD-0056 For Galvanized Fittings, Add	10.21	
15061-1321 EA 3" Tee, Ductile Iron, Grooved.....	92.57	29.98
15MOD-0056 For Galvanized Fittings, Add	14.30	
15061-1322 EA 4" Tee, Ductile Iron, Grooved.....	131.24	38.79
15MOD-0056 For Galvanized Fittings, Add	21.93	
15061-1323 EA 5" Tee, Ductile Iron, Grooved.....	247.52	50.71
15MOD-0056 For Galvanized Fittings, Add	51.45	
15061-1324 EA 6" Tee, Ductile Iron, Grooved.....	293.29	63.43
15MOD-0056 For Galvanized Fittings, Add	59.46	
15061-1325 EA 8" Tee, Ductile Iron, Grooved.....	548.41	77.02
15MOD-0056 For Galvanized Fittings, Add	129.89	
15061-1326 EA 10" Tee, Ductile Iron, Grooved.....	907.83	89.81
15MOD-0056 For Galvanized Fittings, Add	231.94	
15061-1327 EA 12" Tee, Ductile Iron, Grooved.....	1,244.03	107.81
15MOD-0056 For Galvanized Fittings, Add	324.72	
15061-1328 Grooved Wyes (90 Degree True Wye) <small>(15061-1313)</small>		
Note: Number 33		
15061-1329 EA 1" Wye, Steel, Grooved.....	158.89	10.24
15MOD-0057 For Galvanized Fittings, Add	22.96	
15061-1330 EA 1-1/4" Wye, Steel, Grooved.....	162.31	12.54
15MOD-0057 For Galvanized Fittings, Add	22.96	
15061-1331 EA 1-1/2" Wye, Steel, Grooved.....	166.58	15.39
15MOD-0057 For Galvanized Fittings, Add	22.96	
15061-1332 EA 2" Wye, Steel, Grooved.....	173.36	19.92
15MOD-0057 For Galvanized Fittings, Add	22.96	
15061-1333 EA 2-1/2" Wye, Steel, Grooved.....	180.14	24.39
15MOD-0057 For Galvanized Fittings, Add	22.96	
15061-1334 EA 3" Wye, Steel, Grooved.....	216.49	29.98
15MOD-0057 For Galvanized Fittings, Add	27.45	
15061-1335 EA 4" Wye, Steel, Grooved.....	282.87	38.79
15MOD-0057 For Galvanized Fittings, Add	35.96	
15061-1336 EA 5" Wye, Steel, Grooved.....	398.13	50.71
15MOD-0057 For Galvanized Fittings, Add	51.54	
15061-1337 EA 6" Wye, Steel, Grooved.....	493.63	63.43
15MOD-0057 For Galvanized Fittings, Add	63.77	
15061-1338 EA 8" Wye, Steel, Grooved.....	689.47	77.02
15MOD-0057 For Galvanized Fittings, Add	91.84	
15061-1339 EA 10" Wye, Steel, Grooved.....	1,125.43	89.81
15MOD-0057 For Galvanized Fittings, Add	158.52	
15061-1340 EA 12" Wye, Steel, Grooved.....	1,256.17	107.81
15MOD-0057 For Galvanized Fittings, Add	175.13	
15061-1341 Grooved Reducing Tees <small>(15061-1313)</small>		
Note: Number 25		
15061-1342 EA 1" Reducing Tee, Steel, Grooved.....	81.00	10.24
15MOD-0058 For Galvanized Fittings, Add	13.13	
15061-1343 EA 1-1/4" Reducing Tee, Steel, Grooved.....	86.48	12.54
15MOD-0058 For Galvanized Fittings, Add	13.54	
15061-1344 EA 1-1/2" Reducing Tee, Steel, Grooved.....	92.44	15.39
15MOD-0058 For Galvanized Fittings, Add	13.88	
15061-1345 EA 2" Reducing Tee, Steel, Grooved.....	111.06	19.92
15MOD-0058 For Galvanized Fittings, Add	16.25	
15061-1346 EA 2-1/2" Reducing Tee, Steel, Grooved.....	126.20	24.39
15MOD-0058 For Galvanized Fittings, Add	17.92	
15061-1347 EA 3" Reducing Tee, Steel, Grooved.....	142.98	29.98
15MOD-0058 For Galvanized Fittings, Add	19.61	
15061-1348 EA 4" Reducing Tee, Steel, Grooved.....	190.39	38.79
15MOD-0058 For Galvanized Fittings, Add	26.45	
15061-1349 EA 5" Reducing Tee, Steel, Grooved.....	250.65	50.71
15MOD-0058 For Galvanized Fittings, Add	34.93	
15061-1350 EA 6" Reducing Tee, Steel, Grooved.....	340.74	63.43
15MOD-0058 For Galvanized Fittings, Add	49.13	
15061-1351 EA 8" Reducing Tee, Steel, Grooved.....	520.78	77.02
15MOD-0058 For Galvanized Fittings, Add	81.07	
15061-1352 EA 10" Reducing Tee, Steel, Grooved.....	732.23	89.81
15MOD-0058 For Galvanized Fittings, Add	119.51	
15061-1353 EA 12" Reducing Tee, Steel, Grooved.....	1,043.10	107.81
15MOD-0058 For Galvanized Fittings, Add	176.29	
15061-1354 Grooved 45 Degree Lateral Wyes <small>(15061-1313)</small>		
Note: Number 30		
15061-1355 EA 3/4" 45 Degree Lateral Wye, Steel, Grooved.....	149.28	8.88
15MOD-0059 For Galvanized Fittings, Add	24.47	
15061-1356 EA 1" 45 Degree Lateral Wye, Steel, Grooved.....	151.29	10.24
15MOD-0059 For Galvanized Fittings, Add	24.47	
15061-1357 EA 1-1/4" 45 Degree Lateral Wye, Steel, Grooved.....	154.71	12.54
15MOD-0059 For Galvanized Fittings, Add	24.47	
15061-1358 EA 1-1/2" 45 Degree Lateral Wye, Steel, Grooved.....	158.98	15.39
15MOD-0059 For Galvanized Fittings, Add	24.47	

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1359	EA	2" 45 Degree Lateral Wye, Steel, Grooved.....	165.76	19.92
		15MOD-0059 For Galvanized Fittings, Add	24.47	
15061-1360	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved.....	172.54	24.39
		15MOD-0059 For Galvanized Fittings, Add	24.47	
15061-1361	EA	3" Wye, 45 Degree Lateral, Steel, Grooved.....	162.35	29.98
		15MOD-0059 For Galvanized Fittings, Add	21.14	
15061-1362	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved.....	250.74	34.57
		15MOD-0059 For Galvanized Fittings, Add	35.81	
15061-1363	EA	4" 45 Degree Lateral Wye, Steel, Grooved.....	289.73	38.79
		15MOD-0059 For Galvanized Fittings, Add	41.69	
15061-1364	EA	5" 45 Degree Lateral Wye, Steel, Grooved.....	414.47	50.71
		15MOD-0059 For Galvanized Fittings, Add	60.92	
15061-1365	EA	6" 45 Degree Lateral Wye, Steel, Grooved.....	640.39	63.43
		15MOD-0059 For Galvanized Fittings, Add	98.16	
15061-1366	EA	8" 45 Degree Lateral Wye, Steel, Grooved.....	900.89	77.02
		15MOD-0059 For Galvanized Fittings, Add	141.38	
15061-1367	EA	10" 45 Degree Lateral Wye, Steel, Grooved.....	1,243.32	89.81
		15MOD-0059 For Galvanized Fittings, Add	199.55	
15061-1368	EA	12" 45 Degree Lateral Wye, Steel, Grooved.....	1,502.02	107.81
		15MOD-0059 For Galvanized Fittings, Add	241.27	
15061-1369		Grooved 45 Degree Lateral Reducing Wyes <small>(15061-1313)</small>		
		Note: Number 30R		
15061-1370	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	162.35	29.98
		15MOD-0060 For Galvanized Fittings, Add	15.27	
15061-1371	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	289.73	38.79
		15MOD-0060 For Galvanized Fittings, Add	30.11	
15061-1372	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	414.47	50.71
		15MOD-0060 For Galvanized Fittings, Add	44.00	
15061-1373	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	532.36	63.43
		15MOD-0060 For Galvanized Fittings, Add	56.85	
15061-1374	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	746.71	77.02
		15MOD-0060 For Galvanized Fittings, Add	82.06	
15061-1375	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	907.80	89.81
		15MOD-0060 For Galvanized Fittings, Add	100.50	
15061-1376	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved.....	1,101.15	107.81
		15MOD-0060 For Galvanized Fittings, Add	122.14	
15061-1377		Mechanical-T Outlet <small>(15061-1313)</small>		
		Note: Includes making opening in pipe. Grooved or treaded branch outlets. Styles 920 or 921.		
15061-1378	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	67.29	22.34
		15MOD-0061 For Galvanized Fittings, Add	5.60	
15061-1379	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	67.29	22.34
		15MOD-0061 For Galvanized Fittings, Add	5.60	
15061-1380	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	70.82	22.34
		15MOD-0061 For Galvanized Fittings, Add	6.48	
15061-1381	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	70.82	22.34
15061-1382	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	72.88	25.14
15061-1383	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	72.88	25.14
15061-1384	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	82.20	25.14
15061-1385	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	81.89	27.93
15061-1386	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	81.89	27.93
15061-1387	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	89.39	27.93
15061-1388	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	89.39	27.93
15061-1389	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....	94.53	27.93
15061-1390	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	107.67	37.24
15061-1391	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	107.67	37.24
15061-1392	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	113.52	37.24
15061-1393	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	115.17	37.24
15061-1394	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	115.17	37.24
15061-1395	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	116.81	37.24
15061-1396	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	119.96	37.24
15061-1397	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	152.38	51.21
15061-1398	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	152.38	51.21
15061-1399	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	155.22	51.21
15061-1400	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	158.79	51.21
15061-1401	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	181.47	65.17
15061-1402	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	181.47	65.17
15061-1403	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	185.64	65.17
15061-1404	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	189.17	65.17
15061-1405	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	195.44	65.17
15061-1406	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	263.03	86.27
15061-1407	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	263.03	86.27
15061-1408	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	268.06	86.27
15061-1409	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	271.04	86.27
15061-1410		Grooved Fittings <small>(15061-1247)</small>		
15061-1411		Flanged Adapter Nipple, Grooved <small>(15061-1410)</small>		
		Note: Number 41 and 45		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1412	EA 1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	106.84 17.22 14.35	7.44
15061-1413	EA 1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	108.08 17.22 14.35	8.25
15061-1414	EA 1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	111.18 17.22 14.35	10.36
15061-1415	EA 2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	117.70 17.22 14.35	14.71
15061-1416	EA 2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	122.37 17.22 14.35	17.82
15061-1417	EA 3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	154.28 22.03 18.36	21.29
15061-1418	EA 4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	188.95 26.28 21.90	28.67
15061-1419	EA 5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	260.60 37.55 31.29	34.69
15061-1420	EA 6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	308.26 42.84 35.70	46.86
15061-1421	EA 8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	423.59 59.13 49.28	63.43
15061-1422	EA 10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	651.52 96.49 80.41	77.02
15061-1423	EA 12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... 15MOD-0062 For Galvanized Fittings, Add 15MOD-0063 For 300 LB Rating, Add	867.67 131.94 109.95	89.81
15061-1424	Grooved Concentric Reducers <small>(15061-1410)</small> Note: Number 50		
15061-1425	EA 1-1/4" x 3/4" Concentric Reducer, Grooved..... 15MOD-0064 For Galvanized Fittings, Add	113.20 4.49	7.44
15061-1426	EA 1-1/4" x 1" Concentric Reducer, Grooved..... 15MOD-0064 For Galvanized Fittings, Add	118.42 4.69	7.88
15061-1427	EA 1-1/2" x 3/4" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	133.15 14.48	8.50
15061-1428	EA 1-1/2" x 1" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	39.14 3.10	8.88
15061-1429	EA 1-1/2" x 1-1/4" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	113.78 12.00	9.31
15061-1430	EA 2" x 3/4" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	40.99 3.10	10.12
15061-1431	EA 2" x 1" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	41.62 3.10	10.55
15061-1432	EA 2" x 1-1/4" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	44.82 3.41	10.99
15061-1433	EA 2" x 1-1/2" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	44.14 3.10	12.23
15061-1434	EA 2-1/2" x 3/4" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	227.01 25.23	11.42
15061-1435	EA 2-1/2" x 1" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	182.37 19.79	11.85
15061-1436	EA 2-1/2" x 1-1/4" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	167.39 17.91	12.23
15061-1437	EA 2-1/2" x 1-1/2" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	45.96 3.10	13.47
15061-1438	EA 2-1/2" x 2" Concentric Reducer, Grooved..... 15MOD-0065 For Galvanized Fittings, Add	48.44 3.10	15.08
15061-1439	EA 3" x 3/4" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	231.13 32.11	13.29
15061-1440	EA 3" x 1" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	48.94 4.33	13.66
15061-1441	EA 3" x 1-1/4" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	184.70 24.87	14.09
15061-1442	EA 3" x 1-1/2" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	174.69 23.11	15.08
15061-1443	EA 3" x 2" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	47.76 3.44	16.76
15061-1444	EA 3" x 2-1/2" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	61.12 4.74	19.98
15061-1445	EA 3-1/2" x 3" Concentric Reducer, Grooved..... 15MOD-0066 For Galvanized Fittings, Add	65.49 5.05	21.54
15061-1446	EA 4" x 1" Concentric Reducer, Grooved..... 15MOD-0067 For Galvanized Fittings, Add	59.69 5.87	16.95

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1447	EA	4" x 1-1/4" Concentric Reducer, Grooved	296.73	17.38
	15MOD-0067	For Galvanized Fittings, Add	46.42	
15061-1448	EA	4" x 1-1/2" Concentric Reducer, Grooved	234.54	18.43
	15MOD-0067	For Galvanized Fittings, Add	35.49	
15061-1449	EA	4" x 2" Concentric Reducer, Grooved	60.22	20.11
	15MOD-0067	For Galvanized Fittings, Add	5.17	
15061-1450	EA	4" x 2-1/2" Concentric Reducer, Grooved	70.03	21.54
	15MOD-0067	For Galvanized Fittings, Add	6.47	
15061-1451	EA	4" x 3" Concentric Reducer, Grooved	72.51	23.21
	15MOD-0067	For Galvanized Fittings, Add	6.47	
15061-1452	EA	4" x 3-1/2" Concentric Reducer, Grooved	74.99	24.83
	15MOD-0067	For Galvanized Fittings, Add	6.47	
15061-1453	EA	5" x 2" Concentric Reducer, Grooved	415.98	23.40
	15MOD-0067	For Galvanized Fittings, Add	65.32	
15061-1454	EA	5" x 2-1/2" Concentric Reducer, Grooved	332.77	24.83
	15MOD-0067	For Galvanized Fittings, Add	50.68	
15061-1455	EA	5" x 3" Concentric Reducer, Grooved	83.91	26.50
	15MOD-0067	For Galvanized Fittings, Add	7.58	
15061-1456	EA	5" x 4" Concentric Reducer, Grooved	97.46	29.79
	15MOD-0067	For Galvanized Fittings, Add	9.05	
15061-1457	EA	6" x 1" Concentric Reducer, Grooved	108.04	25.26
	15MOD-0068	For Galvanized Fittings, Add	13.10	
15061-1458	EA	6" x 1-1/2" Concentric Reducer, Grooved	440.52	26.69
	15MOD-0068	For Galvanized Fittings, Add	74.73	
15061-1459	EA	6" x 2" Concentric Reducer, Grooved	112.69	28.37
	15MOD-0068	For Galvanized Fittings, Add	13.10	
15061-1460	EA	6" x 2-1/2" Concentric Reducer, Grooved	447.46	29.79
	15MOD-0068	For Galvanized Fittings, Add	75.16	
15061-1461	EA	6" x 3" Concentric Reducer, Grooved	117.36	31.46
	15MOD-0068	For Galvanized Fittings, Add	13.10	
15061-1462	EA	6" x 4" Concentric Reducer, Grooved	113.25	34.75
	15MOD-0068	For Galvanized Fittings, Add	11.40	
15061-1463	EA	6" x 5" Concentric Reducer, Grooved	147.52	38.11
	15MOD-0068	For Galvanized Fittings, Add	16.87	
15061-1464	EA	8" x 3" Concentric Reducer, Grooved	178.77	35.63
	15MOD-0068	For Galvanized Fittings, Add	23.40	
15061-1465	EA	8" x 4" Concentric Reducer, Grooved	183.73	38.92
	15MOD-0068	For Galvanized Fittings, Add	23.40	
15061-1466	EA	8" x 5" Concentric Reducer, Grooved	188.71	42.21
	15MOD-0068	For Galvanized Fittings, Add	23.40	
15061-1467	EA	8" x 6" Concentric Reducer, Grooved	230.67	47.17
	15MOD-0068	For Galvanized Fittings, Add	29.84	
15061-1468	EA	10" x 4" Concentric Reducer, Grooved	363.42	43.26
	15MOD-0068	For Galvanized Fittings, Add	55.71	
15061-1469	EA	10" x 5" Concentric Reducer, Grooved	727.97	46.55
	15MOD-0068	For Galvanized Fittings, Add	122.81	
15061-1470	EA	10" x 6" Concentric Reducer, Grooved	403.77	51.52
	15MOD-0068	For Galvanized Fittings, Add	60.92	
15061-1471	EA	10" x 8" Concentric Reducer, Grooved	409.97	55.67
	15MOD-0068	For Galvanized Fittings, Add	60.92	
15061-1472	EA	12" x 4" Concentric Reducer, Grooved	1,062.19	49.28
	15MOD-0069	For Galvanized Fittings, Add	148.25	
15061-1473	EA	12" x 6" Concentric Reducer, Grooved	475.67	57.53
	15MOD-0069	For Galvanized Fittings, Add	58.41	
15061-1474	EA	12" x 8" Concentric Reducer, Grooved	677.43	61.70
	15MOD-0069	For Galvanized Fittings, Add	87.74	
15061-1475	EA	12" x 10" Concentric Reducer, Grooved	683.98	66.03
	15MOD-0069	For Galvanized Fittings, Add	87.74	
15061-1476		Grooved Eccentric Reducers (15061-1410)		
		Note: Number 51		
15061-1477	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved	137.30	8.50
	15MOD-0070	For Galvanized Fittings, Add	14.97	
15061-1478	EA	1-1/2" x 1" Eccentric Reducer, Grooved	125.80	8.88
	15MOD-0070	For Galvanized Fittings, Add	13.52	
15061-1479	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved	123.96	9.31
	15MOD-0070	For Galvanized Fittings, Add	13.22	
15061-1480	EA	2" x 3/4" Eccentric Reducer, Grooved	257.28	10.12
	15MOD-0070	For Galvanized Fittings, Add	29.10	
15061-1481	EA	2" x 1" Eccentric Reducer, Grooved	140.00	10.55
	15MOD-0070	For Galvanized Fittings, Add	14.93	
15061-1482	EA	2" x 1-1/4" Eccentric Reducer, Grooved	152.57	10.99
	15MOD-0070	For Galvanized Fittings, Add	16.36	
15061-1483	EA	2" x 1-1/2" Eccentric Reducer, Grooved	132.30	12.23
	15MOD-0070	For Galvanized Fittings, Add	13.70	
15061-1484	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved	333.12	11.42
	15MOD-0070	For Galvanized Fittings, Add	37.98	
15061-1485	EA	2-1/2" x 1" Eccentric Reducer, Grooved	312.13	11.85
	15MOD-0070	For Galvanized Fittings, Add	35.39	
15061-1486	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved	189.33	12.23
	15MOD-0070	For Galvanized Fittings, Add	20.55	
15061-1487	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved	155.65	13.47
	15MOD-0070	For Galvanized Fittings, Add	16.28	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1488	EA 2-1/2" x 2" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	77.23 6.56	15.08
15061-1489	EA 3" x 1" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	336.26 37.96	13.66
15061-1490	EA 3" x 1-1/4" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	306.97 34.36	14.09
15061-1491	EA 3" x 1-1/2" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	179.36 18.84	15.08
15061-1492	EA 3" x 2" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	87.86 7.54	16.76
15061-1493	EA 3" x 2-1/2" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	92.67 7.54	19.98
15061-1494	EA 3-1/2" x 3" Eccentric Reducer, Grooved 15MOD-0070 For Galvanized Fittings, Add	379.24 41.71	21.54
15061-1495	EA 4" x 1" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	665.56 109.78	16.95
15061-1496	EA 4" x 1-1/2" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	414.75 66.39	18.43
15061-1497	EA 4" x 2" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	106.78 13.15	20.11
15061-1498	EA 4" x 2-1/2" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	108.96 13.15	21.54
15061-1499	EA 4" x 3" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	111.44 13.15	23.21
15061-1500	EA 5" x 2" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	461.97 73.21	23.40
15061-1501	EA 5" x 2-1/2" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	400.94 62.37	24.83
15061-1502	EA 5" x 3" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	391.03 60.25	26.50
15061-1503	EA 5" x 4" Eccentric Reducer, Grooved 15MOD-0071 For Galvanized Fittings, Add	149.14 17.91	29.79
15061-1504	EA 6" x 1" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add	701.48 123.83	25.26
15061-1505	EA 6" x 2" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add	647.71 112.93	28.37
15061-1506	EA 6" x 2-1/2" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add	765.34 134.47	29.79
15061-1507	EA 6" x 3" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add	186.24 25.95	31.46
15061-1508	EA 6" x 4" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add	173.85 22.71	34.75
15061-1509	EA 6" x 5" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	203.12 27.25 22.03	38.11
15061-1510	EA 8" x 3" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	756.54 131.21 106.11	35.63
15061-1511	EA 8" x 4" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	672.86 114.67 92.73	38.92
15061-1512	EA 8" x 5" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	635.46 106.76 86.34	42.21
15061-1513	EA 8" x 6" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	317.57 46.05 37.24	47.17
15061-1514	EA 10" x 4" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	1,192.54 210.43 170.17	43.26
15061-1515	EA 10" x 5" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	1,132.27 198.25 160.32	46.55
15061-1516	EA 10" x 6" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	878.45 149.50 120.90	51.52
15061-1517	EA 10" x 8" Eccentric Reducer, Grooved 15MOD-0072 For Galvanized Fittings, Add 15MOD-0073 For Galvanized Fittings, Add	761.57 126.53 102.33	55.67
15061-1518	EA 12" x 4" Eccentric Reducer, Grooved 15MOD-0073 For Galvanized Fittings, Add	1,220.50 173.03	49.28
15061-1519	EA 12" x 6" Eccentric Reducer, Grooved 15MOD-0073 For Galvanized Fittings, Add	1,156.56 161.51	57.53
15061-1520	EA 12" x 8" Eccentric Reducer, Grooved 15MOD-0073 For Galvanized Fittings, Add	1,135.39 157.38	61.70
15061-1521	EA 12" x 10" Eccentric Reducer, Grooved 15MOD-0073 For Galvanized Fittings, Add	1,033.16 140.96	66.03
15061-1522	Grooved Couplings <small>(15061-1247)</small>		
15061-1523	Grooved Standard Coupling <small>(15061-1522)</small> Note: Style 77		
15061-1524	EA 3/4" Standard Coupling, Grooved 15MOD-0074 For Galvanized Fittings, Add	23.17 5.07	3.35

15000 Mechanical
15050 Basic Materials And Methods
15061 Steel Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1525 EA 1" Standard Coupling, Grooved.....	23.17	3.35
15MOD-0074 For Galvanized Fittings, Add	5.07	
15061-1526 EA 1-1/4" Standard Coupling, Grooved.....	30.42	4.22
15MOD-0074 For Galvanized Fittings, Add	6.74	
15061-1527 EA 1-1/2" Standard Coupling, Grooved.....	33.89	5.02
15MOD-0074 For Galvanized Fittings, Add	7.37	
15061-1528 EA 2" Standard Coupling, Grooved.....	37.95	6.77
15MOD-0074 For Galvanized Fittings, Add	7.79	
15061-1529 EA 2-1/2" Standard Coupling, Grooved.....	45.65	8.25
15MOD-0074 For Galvanized Fittings, Add	9.32	
15061-1530 EA 3" Standard Coupling, Grooved.....	48.04	9.87
15MOD-0074 For Galvanized Fittings, Add	9.32	
15061-1531 EA 3-1/2" Standard Coupling, Grooved.....	70.97	11.54
15MOD-0074 For Galvanized Fittings, Add	15.02	
15061-1532 EA 4" Standard Coupling, Grooved.....	73.39	13.15
15MOD-0074 For Galvanized Fittings, Add	15.02	
15061-1533 EA 5" Standard Coupling, Grooved.....	106.93	16.51
15MOD-0074 For Galvanized Fittings, Add	23.02	
15061-1534 EA 6" Standard Coupling, Grooved.....	129.51	21.54
15MOD-0074 For Galvanized Fittings, Add	27.21	
15061-1535 EA 8" Standard Coupling, Grooved.....	196.92	25.69
15MOD-0074 For Galvanized Fittings, Add	44.36	
15061-1536 EA 10" Standard Coupling, Grooved.....	309.48	30.79
15MOD-0074 For Galvanized Fittings, Add	73.72	
15061-1537 EA 12" Standard Coupling, Grooved.....	350.29	33.70
15MOD-0074 For Galvanized Fittings, Add	83.94	
15061-1538 Grooved Rigid Coupling (15061-1522)		
Note: Style 07		
15061-1539 EA 1" Rigid Coupling, Grooved.....	30.25	3.35
15MOD-0075 For Galvanized Fittings, Add	6.17	
15061-1540 EA 1-1/4" Rigid Coupling, Grooved.....	31.52	4.22
15MOD-0075 For Galvanized Fittings, Add	6.17	
15061-1541 EA 1-1/2" Rigid Coupling, Grooved.....	32.75	5.02
15MOD-0075 For Galvanized Fittings, Add	6.17	
15061-1542 EA 2" Rigid Coupling, Grooved.....	35.96	6.77
15MOD-0075 For Galvanized Fittings, Add	6.33	
15061-1543 EA 2-1/2" Rigid Coupling, Grooved.....	42.13	8.25
15MOD-0075 For Galvanized Fittings, Add	7.29	
15061-1544 EA 3" Rigid Coupling, Grooved.....	44.52	9.87
15MOD-0075 For Galvanized Fittings, Add	7.29	
15061-1545 EA 3-1/2" Rigid Coupling, Grooved.....	52.12	11.54
15MOD-0075 For Galvanized Fittings, Add	8.52	
15061-1546 EA 4" Rigid Coupling, Grooved.....	69.05	13.15
15MOD-0075 For Galvanized Fittings, Add	12.08	
15061-1547 EA 5" Rigid Coupling, Grooved.....	88.72	16.51
15MOD-0075 For Galvanized Fittings, Add	15.68	
15061-1548 EA 6" Rigid Coupling, Grooved.....	117.88	21.54
15MOD-0075 For Galvanized Fittings, Add	20.96	
15061-1549 EA 8" Rigid Coupling, Grooved.....	173.29	25.69
15MOD-0075 For Galvanized Fittings, Add	33.03	
15061-1550 EA 10" Rigid Coupling, Grooved.....	287.71	30.79
15MOD-0075 For Galvanized Fittings, Add	59.17	
15061-1551 EA 12" Rigid Coupling, Grooved.....	320.80	33.70
15MOD-0075 For Galvanized Fittings, Add	66.22	
15061-1552 Grooved Strainers And Suction Diffusers (15061-1247)		
15061-1553 Grooved Wye Strainers (15061-1552)		
Note: Style 732		
15061-1554 EA 2" Wye Strainer, Grooved.....	421.77	13.66
15061-1555 EA 2-1/2" Wye Strainer, Grooved.....	446.43	16.57
15061-1556 EA 3" Wye Strainer, Grooved.....	503.61	19.86
15061-1557 EA 4" Wye Strainer, Grooved.....	575.68	26.50
15061-1558 EA 5" Wye Strainer, Grooved.....	826.07	33.14
15061-1559 EA 6" Wye Strainer, Grooved.....	907.81	43.08
15061-1560 EA 8" Wye Strainer, Grooved.....	1,369.57	51.33
15061-1561 EA 10" Wye Strainer, Grooved.....	2,167.70	60.01
15061-1562 EA 12" Wye Strainer, Grooved.....	3,737.70	72.06
15061-1563 Grooved Tee Type Strainers (15061-1552)		
Note: Style 730		
15061-1564 EA 1-1/2" Tee Type Strainer, Grooved.....	325.18	10.36
15061-1565 EA 2" Tee Type Strainer, Grooved.....	416.82	13.66
15061-1566 EA 2-1/2" Tee Type Strainer, Grooved.....	441.28	16.57
15061-1567 EA 3" Tee Type Strainer, Grooved.....	497.79	19.86
15061-1568 EA 4" Tee Type Strainer, Grooved.....	569.09	26.50
15061-1569 EA 5" Tee Type Strainer, Grooved.....	816.46	33.14
15061-1570 EA 6" Tee Type Strainer, Grooved.....	897.45	43.08
15061-1571 EA 8" Tee Type Strainer, Grooved.....	1,353.54	51.33
15061-1572 EA 10" Tee Type Strainer, Grooved.....	1,964.78	60.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1573 EA 12" Tee Type Strainer, Grooved.....	2,521.37	72.06
15061-1574 Grooved Suction Diffuser (15061-1552)		
Note: Style 731		
15061-1575 EA 2-1/2" Grooved x 2" Flanged Suction Diffuser	845.99	15.33
15061-1576 EA 3" Grooved x 2" Flanged Suction Diffuser.....	898.86	16.95
15061-1577 EA 3" Grooved x 2-1/2" Flanged Suction Diffuser.....	657.93	19.86
15061-1578 EA 3" Grooved x 3" Flanged Suction Diffuser.....	668.60	21.54
15061-1579 EA 4" Grooved x 2-1/2" Flanged Suction Diffuser	722.31	21.54
15061-1580 EA 4" Grooved x 3" Flanged Suction Diffuser.....	779.24	23.21
15061-1581 EA 4" Grooved x 4" Flanged Suction Diffuser.....	897.22	23.21
15061-1582 EA 5" Grooved x 4" Flanged Suction Diffuser.....	1,005.76	29.79
15061-1583 EA 5" Grooved x 5" Flanged Suction Diffuser.....	1,057.02	31.46
15061-1584 EA 6" Grooved x 4" Flanged Suction Diffuser.....	1,076.84	34.75
15061-1585 EA 6" Grooved x 5" Flanged Suction Diffuser.....	1,282.90	38.11
15061-1586 EA 6" Grooved x 6" Flanged Suction Diffuser.....	1,333.58	40.59
15061-1587 EA 8" Grooved x 5" Flanged Suction Diffuser.....	1,368.99	42.21
15061-1588 EA 8" Grooved x 6" Flanged Suction Diffuser.....	1,447.59	47.17
15061-1589 EA 8" Grooved x 8" Flanged Suction Diffuser.....	2,446.32	51.33
15061-1590 EA 10" Grooved x 8" Flanged Suction Diffuser.....	2,757.00	55.48
15061-1591 EA 10" Grooved x 10" Flanged Suction Diffuser.....	3,307.87	57.53
15061-1592 EA 12" Grooved x 10" Flanged Suction Diffuser.....	3,912.41	66.23
15061-1593 EA 12" Grooved x 12" Flanged Suction Diffuser.....	5,409.69	70.38
15061-1594 Grooved Steel Valves (15061-1247)		
15061-1595 Grooved Lug Type Butterfly Valves With Standard Trim (15061-1594)		
15061-1596 EA 1-1/2" Butterfly Valve, Grooved, With Standard Trim.....	127.04	6.77
15061-1597 EA 2" Butterfly Valve, Grooved, With Standard Trim.....	130.25	8.88
15061-1598 EA 3" Butterfly Valve, Grooved, With Standard Trim.....	213.20	13.15
15061-1599 EA 4" Butterfly Valve, Grooved, With Standard Trim.....	286.25	17.32
15061-1600 EA 6" Butterfly Valve, Grooved, With Standard Trim.....	621.45	28.37
15061-1601 EA 8" Butterfly Valve, Grooved, With Standard Trim.....	861.45	39.91
15061-1602 EA 10" Butterfly Valve, Grooved, With Standard Trim.....	1,291.54	53.94
15061-1603 Grooved Lug Type Butterfly Valves With Stainless Steel Trim (15061-1594)		
15061-1604 EA 1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim.....	189.66	6.77
15061-1605 EA 2" Butterfly Valve, Grooved, With Stainless Steel Trim.....	192.87	8.88
15061-1606 EA 3" Butterfly Valve, Grooved, With Stainless Steel Trim.....	298.09	13.15
15061-1607 EA 4" Butterfly Valve, Grooved, With Stainless Steel Trim.....	379.49	17.32
15061-1608 EA 6" Butterfly Valve, Grooved, With Stainless Steel Trim.....	724.44	28.37
15061-1609 EA 8" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,201.01	39.91
15061-1610 EA 10" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,889.95	53.94
15061-1611 Grooved Ball Valves With Standard Trim And Handle (15061-1594)		
15061-1612 EA 1-1/2" Ball Valve, Grooved, With Standard Trim.....	107.57	6.64
15061-1613 EA 2" Ball Valve, Grooved, With Standard Trim.....	123.65	9.12
15061-1614 EA 2-1/2" Ball Valve, Grooved, With Standard Trim.....	278.98	11.17
15061-1615 EA 3" Ball Valve, Grooved, With Standard Trim.....	455.64	13.22
15061-1616 EA 4" Ball Valve, Grooved, With Standard Trim.....	708.42	17.38
15061-1617 EA 6" Ball Valve, Grooved, With Standard Trim.....	2,193.49	28.55
15061-1618 Grooved Ball Valves With Stainless Steel Trim And Handle (15061-1594)		
15061-1619 EA 1-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	114.43	6.64
15061-1620 EA 2" Ball Valve, Grooved, With Stainless Steel Trim.....	194.85	9.12
15061-1621 EA 2-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	503.48	11.17
15061-1622 EA 3" Ball Valve, Grooved, With Stainless Steel Trim.....	650.63	13.22
15061-1623 EA 4" Ball Valve, Grooved, With Stainless Steel Trim.....	888.61	17.38
15061-1624 EA 6" Ball Valve, Grooved, With Stainless Steel Trim.....	2,416.77	28.55
15061-1625 Grooved Check Valves (15061-1594)		
15061-1626 EA 2" Check Valve, Grooved.....	162.85	9.12
15061-1627 EA 2-1/2" Check Valve, Grooved.....	263.15	11.17
15061-1628 EA 3" Check Valve, Grooved.....	306.67	13.22
15061-1629 EA 4" Check Valve, Grooved.....	434.22	17.38
15061-1630 Grooved Vic-Check Check Valves (15061-1594)		
15061-1631 EA 2-1/2" "Vic-Check" Check Valve, Grooved.....	211.09	11.17
15061-1632 EA 3" "Vic-Check" Check Valve, Grooved.....	214.10	13.22
15061-1633 EA 4" "Vic-Check" Check Valve, Grooved.....	268.61	17.38
15061-1634 EA 6" "Vic-Check" Check Valve, Grooved.....	521.69	28.55
15061-1635 EA 8" "Vic-Check" Check Valve, Grooved.....	714.08	39.73
15061-1636 EA 10" "Vic-Check" Check Valve, Grooved.....	1,975.34	53.81

15000 Mechanical**15050 Basic Materials And Methods****15061 Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15061-1637	EA	12" "Vic-Check" Check Valve, Grooved.....	2,338.58	62.13
15061-1638		Grooved Plug Valves With Lever Operator (15061-1594)		
15061-1639	EA	3" Balancing Plug Valve, Grooved, With Lever Handle.....	333.48	13.22
15061-1640	EA	4" Balancing Plug Valve, Grooved, With Lever Handle.....	371.23	17.38
15061-1641	EA	6" Balancing Plug Valve, Grooved, With Lever Handle.....	661.69	28.55
15061-1642		Grooved Plug Valve With Gear Operator (15061-1594)		
15061-1643	EA	3" Balancing Plug Valve, Grooved, With Gear Operator.....	586.49	13.22
15061-1644	EA	4" Balancing Plug Valve, Grooved, With Gear Operator.....	624.26	17.38
15061-1645	EA	6" Balancing Plug Valve, Grooved, With Gear Operator.....	914.72	28.55
15061-1646	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....	1,224.24	39.73
15061-1647	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....	1,917.44	53.81
15061-1648	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....	2,768.63	62.13
15061-1649		Prepare Pipe For Groove (15061-1247)		
15061-1650		Cut Grooved Pipe (15061-1649)		
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
15061-1651	EA	Cut 3/4" Groove.....	6.51	
15061-1652	EA	Cut 1" Groove.....	7.06	
15061-1653	EA	Cut 1-1/4" Groove.....	7.97	
15061-1654	EA	Cut 1-1/2" Groove.....	8.67	
15061-1655	EA	Cut 2" Groove.....	9.50	
15061-1656	EA	Cut 2-1/2" Groove.....	10.30	
15061-1657	EA	Cut 3" Groove.....	11.23	
15061-1658	EA	Cut 3-1/2" Groove.....	11.90	
15061-1659	EA	Cut 4" Groove.....	12.67	
15061-1660	EA	Cut 5" Groove.....	13.73	
15061-1661	EA	Cut 6" Groove.....	14.12	
15061-1662	EA	Cut 8" Groove.....	18.30	
15061-1663	EA	Cut 10" Groove.....	26.01	
15061-1664	EA	Cut 12" Groove.....	32.95	
15061-1665		Roll Grooved Pipe (15061-1649)		
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
15061-1666	EA	Roll 3/4" Groove.....	3.71	
15061-1667	EA	Roll 1" Groove.....	4.34	
15061-1668	EA	Roll 1-1/4" Groove.....	4.94	
15061-1669	EA	Roll 1-1/2" Groove.....	5.55	
15061-1670	EA	Roll 2" Groove.....	8.52	
15061-1671	EA	Roll 2-1/2" Groove.....	8.99	
15061-1672	EA	Roll 3" Groove.....	9.89	
15061-1673	EA	Roll 3-1/2" Groove.....	10.51	
15061-1674	EA	Roll 4" Groove.....	11.49	
15061-1675	EA	Roll 5" Groove.....	11.76	
15061-1676	EA	Roll 6" Groove.....	12.36	
15061-1677	EA	Roll 8" Groove.....	14.97	
15061-1678	EA	Roll 10" Groove.....	17.04	
15061-1679	EA	Roll 12" Groove.....	21.49	
15061-1680		Standard Gaskets (15061-1649)		
		Note: For use on replacement of existing gaskets		
15061-1681	EA	3/4" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	15.64	
15061-1682	EA	1" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	16.17	
15061-1683	EA	1-1/4" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	16.88	
15061-1684	EA	1-1/2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	18.48	
15061-1685	EA	2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	18.85	
15061-1686	EA	2-1/2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	22.19	
15061-1687	EA	3" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	24.31	
15061-1688	EA	3-1/2" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	30.08	
15061-1689	EA	4" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	30.38	
15061-1690	EA	5" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	38.09	
15061-1691	EA	6" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	40.98	
15061-1692	EA	8" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	55.78	
15061-1693	EA	10" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	70.20	
15061-1694	EA	12" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	82.63	
15061-1695	EA	14" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	115.22	
15061-1696	EA	16" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	154.64	
15061-1697	EA	18" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	183.73	
15061-1698	EA	20" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	273.98	
15061-1699	EA	24" Grooved Standard Gasket, EPDM "E" Or Nitrile "T".....	376.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15062 Cast Iron Pipe (15050)

15062-0001 Cast Iron Soil Pipe And Fittings Service Weight (15062)
 Note: Bell and spigot ASTM A74 and CISPI 301 (Fitting Requirements)

15062-0002 Cast Iron Pipe, Bell And Spigot (15062-0001)
 Note: Excludes excavation, hangers, gaskets, and fittings.

15062-0003	LF 2" Cast Iron Pipe, Bell And Spigot	13.25	3.91
	15MOD-0077 For Extra Heavy Pipe, Add	3.08	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	0.30	
	15MOD-0083 For Work In Restricted Working Space, Add	1.77	
15062-0004	LF 3" Cast Iron Pipe, Bell And Spigot	19.38	5.89
	15MOD-0077 For Extra Heavy Pipe, Add	4.41	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	0.44	
	15MOD-0083 For Work In Restricted Working Space, Add	2.66	
15062-0005	LF 4" Cast Iron Pipe, Bell And Spigot	24.96	7.51
	15MOD-0077 For Extra Heavy Pipe, Add	5.74	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	0.56	
	15MOD-0083 For Work In Restricted Working Space, Add	3.39	
15062-0006	LF 5" (12.5 cm) Cast Iron Pipe.....	33.95	9.80
	15MOD-0077 For Extra Heavy Pipe, Add	8.10	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	0.73	
	15MOD-0083 For Work In Restricted Working Space, Add	4.40	
15062-0007	LF 6" (15 cm) Cast Iron Pipe.....	39.49	10.68
	15MOD-0077 For Extra Heavy Pipe, Add	9.87	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	0.80	
	15MOD-0083 For Work In Restricted Working Space, Add	4.80	
15062-0008	LF 8" (21 cm) Cast Iron Pipe.....	59.10	15.04
	15MOD-0077 For Extra Heavy Pipe, Add	15.35	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.13	
	15MOD-0083 For Work In Restricted Working Space, Add	6.77	
15062-0009	LF 10" (25 cm) Cast Iron Pipe.....	86.23	16.95
	15MOD-0077 For Extra Heavy Pipe, Add	25.55	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.27	
	15MOD-0083 For Work In Restricted Working Space, Add	7.62	
15062-0010	LF 12" (31 cm) Cast Iron Pipe.....	122.22	22.59
	15MOD-0077 For Extra Heavy Pipe, Add	37.12	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.69	
	15MOD-0083 For Work In Restricted Working Space, Add	10.15	

15062-0011 Cast Iron Fittings (15062-0001)

15062-0012 Long Sweep (15062-0011)

15062-0013	EA 2" Long Sweep Cast Iron Fitting	55.63	17.82
	15MOD-0078 For Extra Heavy Fittings, Add	10.13	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083 For Work In Restricted Working Space, Add	8.01	
15062-0014	EA 3" Long Sweep Cast Iron Fitting	92.26	22.41
	15MOD-0078 For Extra Heavy Fittings, Add	20.55	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.68	
	15MOD-0083 For Work In Restricted Working Space, Add	10.07	
15062-0015	EA 4" Long Sweep Cast Iron Fitting	122.91	29.79
	15MOD-0078 For Extra Heavy Fittings, Add	27.39	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.23	
	15MOD-0083 For Work In Restricted Working Space, Add	13.40	
15062-0016	EA 6" Long Sweep Cast Iron Fitting	193.92	41.46
	15MOD-0078 For Extra Heavy Fittings, Add	46.12	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.11	
	15MOD-0083 For Work In Restricted Working Space, Add	18.65	
15062-0017	EA 8" Long Sweep Cast Iron Fitting	373.20	52.93
	15MOD-0078 For Extra Heavy Fittings, Add	102.85	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.97	
	15MOD-0083 For Work In Restricted Working Space, Add	23.80	
15062-0018	EA 10" Long Sweep Cast Iron Fitting	508.09	65.12
	15MOD-0078 For Extra Heavy Fittings, Add	143.66	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.88	
	15MOD-0083 For Work In Restricted Working Space, Add	29.29	
15062-0019	EA 12" Long Sweep Cast Iron Fitting	776.19	90.87
	15MOD-0078 For Extra Heavy Fittings, Add	223.98	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.81	
	15MOD-0083 For Work In Restricted Working Space, Add	40.88	

15062-0020 Short Sweep (15062-0011)

15062-0021	EA 2" Short Sweep Cast Iron Fitting.....	47.99	17.82
	15MOD-0078 For Extra Heavy Fittings, Add	7.46	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083 For Work In Restricted Working Space, Add	8.01	
15062-0022	EA 3" Short Sweep Cast Iron Fitting.....	79.44	22.41
	15MOD-0078 For Extra Heavy Fittings, Add	16.06	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.68	
	15MOD-0083 For Work In Restricted Working Space, Add	10.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0023	EA	4" Short Sweep Cast Iron Fitting.....	108.49	29.79
	15MOD-0078	For Extra Heavy Fittings, Add	22.34	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.23	
	15MOD-0083	For Work In Restricted Working Space, Add	13.40	
15062-0024	EA	5" Short Sweep Cast Iron Fitting.....	163.20	35.25
	15MOD-0078	For Extra Heavy Fittings, Add	38.63	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.64	
	15MOD-0083	For Work In Restricted Working Space, Add	15.85	
15062-0025	EA	6" Short Sweep Cast Iron Fitting.....	196.67	41.46
	15MOD-0078	For Extra Heavy Fittings, Add	47.08	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.11	
	15MOD-0083	For Work In Restricted Working Space, Add	18.65	
15062-0026	EA	8" Short Sweep Cast Iron Fitting.....	317.94	52.93
	15MOD-0078	For Extra Heavy Fittings, Add	83.51	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.97	
	15MOD-0083	For Work In Restricted Working Space, Add	23.80	
15062-0027	EA	10" Short Sweep Cast Iron Fitting.....	460.95	65.12
	15MOD-0078	For Extra Heavy Fittings, Add	127.16	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.88	
	15MOD-0083	For Work In Restricted Working Space, Add	29.29	
15062-0028	EA	12" Short Sweep Cast Iron Fitting.....	758.61	90.87
	15MOD-0078	For Extra Heavy Fittings, Add	217.82	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	6.81	
	15MOD-0083	For Work In Restricted Working Space, Add	40.88	
15062-0029		1/4 Bend <small>(15062-0011)</small>		
15062-0030	EA	2" (1/4 Bend) Cast Iron Fitting.....	43.65	17.75
	15MOD-0078	For Extra Heavy Fittings, Add	5.95	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083	For Work In Restricted Working Space, Add	7.99	
15062-0031	EA	3" (1/4 Bend) Cast Iron Fitting.....	63.97	19.98
	15MOD-0078	For Extra Heavy Fittings, Add	11.90	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.50	
	15MOD-0083	For Work In Restricted Working Space, Add	8.99	
15062-0032	EA	4" (1/4 Bend) Cast Iron Fitting.....	90.93	26.62
	15MOD-0078	For Extra Heavy Fittings, Add	17.86	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.00	
	15MOD-0083	For Work In Restricted Working Space, Add	11.97	
15062-0033	EA	5" (1/4 Bend) Cast Iron Fitting.....	115.68	31.47
	15MOD-0078	For Extra Heavy Fittings, Add	23.98	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.36	
	15MOD-0083	For Work In Restricted Working Space, Add	14.15	
15062-0034	EA	6" (1/4 Bend) Cast Iron Fitting.....	139.10	37.70
	15MOD-0078	For Extra Heavy Fittings, Add	28.89	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.83	
	15MOD-0083	For Work In Restricted Working Space, Add	16.97	
15062-0035	EA	8" (1/4 Bend) Cast Iron Fitting.....	277.88	48.74
	15MOD-0078	For Extra Heavy Fittings, Add	71.69	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.65	
	15MOD-0083	For Work In Restricted Working Space, Add	21.92	
15062-0036	EA	10" (1/4 Bend) Cast Iron Fitting.....	405.58	59.15
	15MOD-0078	For Extra Heavy Fittings, Add	110.92	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.43	
	15MOD-0083	For Work In Restricted Working Space, Add	26.60	
15062-0037	EA	12" (1/4 Bend) Cast Iron Fitting.....	532.01	69.81
	15MOD-0078	For Extra Heavy Fittings, Add	149.57	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	5.23	
	15MOD-0083	For Work In Restricted Working Space, Add	31.40	
15062-0038		1/8 Bend <small>(15062-0011)</small>		
15062-0039	EA	2" (1/8 Bend) Cast Iron Fitting.....	40.27	17.82
	15MOD-0078	For Extra Heavy Fittings, Add	4.75	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083	For Work In Restricted Working Space, Add	8.01	
15062-0040	EA	3" (1/8 Bend) Cast Iron Fitting.....	61.57	22.41
	15MOD-0078	For Extra Heavy Fittings, Add	9.81	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0041	EA	4" (1/8 Bend) Cast Iron Fitting.....	87.17	29.79
	15MOD-0078	For Extra Heavy Fittings, Add	14.88	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.23	
	15MOD-0083	For Work In Restricted Working Space, Add	13.40	
15062-0042	EA	5" (1/8 Bend) Cast Iron Fitting.....	112.64	39.39
	15MOD-0078	For Extra Heavy Fittings, Add	18.76	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.95	
	15MOD-0083	For Work In Restricted Working Space, Add	17.71	
15062-0043	EA	6" (1/8 Bend) Cast Iron Fitting.....	129.72	43.92
	15MOD-0078	For Extra Heavy Fittings, Add	22.34	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.29	
	15MOD-0083	For Work In Restricted Working Space, Add	19.76	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	15062-0044	EA 8" (1/8 Bend) Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	247.26 55.91 4.38 26.26	58.38
	15062-0045	EA 10" (1/8 Bend) Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	342.63 82.11 5.40 32.41	72.03
	15062-0046	EA 12" (1/8 Bend) Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	545.96 142.08 7.00 42.00	93.42
	15062-0047	Wye (15062-0011)		
	15062-0048	EA 2" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	72.74 4.57 2.98 17.90	39.79
	15062-0049	EA 3" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	89.80 8.56 3.27 19.60	43.57
	15062-0050	EA 4" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	118.15 11.40 4.28 25.68	57.10
	15062-0051	EA 5" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	155.92 18.99 5.08 30.50	67.79
	15062-0052	EA 6" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	194.01 25.73 6.02 36.15	80.35
	15062-0053	EA 8" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	340.13 63.09 7.99 47.96	106.62
	15062-0054	EA 10" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	467.45 100.15 9.07 54.40	120.95
	15062-0055	EA 12" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	681.06 161.11 11.04 66.22	147.23
	15062-0056	Reducing Wye (15062-0011)		
	15062-0057	EA 3" X 2" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	109.34 16.44 3.12 18.71	41.58
	15062-0058	EA 4" X 2" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	133.30 19.68 3.85 23.12	51.39
	15062-0059	EA 4" X 3" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	147.49 23.95 3.95 23.72	52.69
	15062-0060	EA 6" X 2" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	221.96 39.92 5.40 32.37	72.00
	15062-0061	EA 6" X 3" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	227.54 41.16 5.50 32.99	73.32
	15062-0062	EA 6" X 4" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	238.68 42.49 5.86 35.18	78.21
	15062-0063	EA 8" X 2" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	340.09 74.05 6.43 38.56	85.74
	15062-0064	EA 8" X 3" Wye Cast Iron Fitting 15MOD-0078 For Extra Heavy Fittings, Add 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	354.77 78.32 6.55 39.30	87.38

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0065 EA 8" X 4" Wye Cast Iron Fitting.....	363.99	91.51
15MOD-0078 For Extra Heavy Fittings, Add	79.37	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.86	
15MOD-0083 For Work In Restricted Working Space, Add	41.17	
15062-0066 EA 8" X 6" Wye Cast Iron Fitting.....	428.03	101.80
15MOD-0078 For Extra Heavy Fittings, Add	96.38	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.63	
15MOD-0083 For Work In Restricted Working Space, Add	45.80	
15062-0067 EA 10" X 3" Wye Cast Iron Fitting.....	518.06	95.39
15MOD-0078 For Extra Heavy Fittings, Add	131.27	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.15	
15MOD-0083 For Work In Restricted Working Space, Add	42.90	
15062-0068 EA 10" X 4" Wye Cast Iron Fitting.....	539.03	99.58
15MOD-0078 For Extra Heavy Fittings, Add	136.40	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.47	
15MOD-0083 For Work In Restricted Working Space, Add	44.80	
15062-0069 EA 10" X 6" Wye Cast Iron Fitting.....	590.07	110.10
15MOD-0078 For Extra Heavy Fittings, Add	148.76	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	8.25	
15MOD-0083 For Work In Restricted Working Space, Add	49.52	
15062-0070 EA 10" X 8" Wye Cast Iron Fitting.....	770.91	116.77
15MOD-0078 For Extra Heavy Fittings, Add	208.54	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	8.75	
15MOD-0083 For Work In Restricted Working Space, Add	52.52	
15062-0071 EA 12" X 4" Wye Cast Iron Fitting.....	792.37	116.77
15MOD-0078 For Extra Heavy Fittings, Add	216.06	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	8.75	
15MOD-0083 For Work In Restricted Working Space, Add	52.52	
15062-0072 EA 12" X 6" Wye Cast Iron Fitting.....	826.30	126.55
15MOD-0078 For Extra Heavy Fittings, Add	222.80	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	9.49	
15MOD-0083 For Work In Restricted Working Space, Add	56.92	
15062-0073 EA 12" X 8" Wye Cast Iron Fitting.....	965.22	132.82
15MOD-0078 For Extra Heavy Fittings, Add	268.14	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	9.96	
15MOD-0083 For Work In Restricted Working Space, Add	59.73	
15062-0074 EA 12" X 10" Wye Cast Iron Fitting.....	1,165.35	136.76
15MOD-0078 For Extra Heavy Fittings, Add	336.11	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	10.25	
15MOD-0083 For Work In Restricted Working Space, Add	61.52	
15062-0075 Combination Wye And 1/8 Bend (15062-0011)		
15062-0076 EA 2" Combination Cast Iron Fitting.....	78.34	39.79
15MOD-0078 For Extra Heavy Fittings, Add	6.53	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.98	
15MOD-0083 For Work In Restricted Working Space, Add	17.90	
15062-0077 EA 3" Combination Cast Iron Fitting.....	93.25	43.57
15MOD-0078 For Extra Heavy Fittings, Add	9.77	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.27	
15MOD-0083 For Work In Restricted Working Space, Add	19.60	
15062-0078 EA 4" Combination Cast Iron Fitting.....	124.15	57.10
15MOD-0078 For Extra Heavy Fittings, Add	13.50	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.28	
15MOD-0083 For Work In Restricted Working Space, Add	25.68	
15062-0079 EA 5" Combination Cast Iron Fitting.....	176.47	71.12
15MOD-0078 For Extra Heavy Fittings, Add	24.46	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.33	
15MOD-0083 For Work In Restricted Working Space, Add	31.98	
15062-0080 EA 6" Combination Cast Iron Fitting.....	220.70	88.21
15MOD-0078 For Extra Heavy Fittings, Add	30.97	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.61	
15MOD-0083 For Work In Restricted Working Space, Add	39.67	
15062-0081 EA 8" Combination Cast Iron Fitting.....	387.49	114.81
15MOD-0078 For Extra Heavy Fittings, Add	75.39	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	8.61	
15MOD-0083 For Work In Restricted Working Space, Add	51.63	
15062-0082 EA 10" Combination Cast Iron Fitting.....	554.26	150.53
15MOD-0078 For Extra Heavy Fittings, Add	115.01	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	11.28	
15MOD-0083 For Work In Restricted Working Space, Add	67.70	
15062-0083 EA 12" Combination Cast Iron Fitting.....	740.44	193.50
15MOD-0078 For Extra Heavy Fittings, Add	157.61	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	14.51	
15MOD-0083 For Work In Restricted Working Space, Add	87.04	
15062-0084 Reducing Combination Wye And 1/8 Bend (15062-0011)		
15062-0085 EA 3" X 2" Combination Cast Iron Fitting.....	83.30	41.58
15MOD-0078 For Extra Heavy Fittings, Add	7.33	
15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.12	
15MOD-0083 For Work In Restricted Working Space, Add	18.71	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0086	EA 4" X 2" Combination Cast Iron Fitting	115.54	51.39
	15MOD-0078 For Extra Heavy Fittings, Add	13.46	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.85	
	15MOD-0083 For Work In Restricted Working Space, Add	23.12	
15062-0087	EA 4" X 3" Combination Cast Iron Fitting	124.05	52.69
	15MOD-0078 For Extra Heavy Fittings, Add	15.75	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.95	
	15MOD-0083 For Work In Restricted Working Space, Add	23.72	
15062-0088	EA 6" X 2" Combination Cast Iron Fitting	188.35	72.00
	15MOD-0078 For Extra Heavy Fittings, Add	28.16	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.40	
	15MOD-0083 For Work In Restricted Working Space, Add	32.37	
15062-0089	EA 6" X 3" Combination Cast Iron Fitting	195.64	73.32
	15MOD-0078 For Extra Heavy Fittings, Add	29.99	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.50	
	15MOD-0083 For Work In Restricted Working Space, Add	32.99	
15062-0090	EA 6" X 4" Combination Cast Iron Fitting	207.54	78.21
	15MOD-0078 For Extra Heavy Fittings, Add	31.59	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.86	
	15MOD-0083 For Work In Restricted Working Space, Add	35.18	
15062-0091	EA 8" X 2" Combination Cast Iron Fitting	277.66	85.74
	15MOD-0078 For Extra Heavy Fittings, Add	52.20	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.43	
	15MOD-0083 For Work In Restricted Working Space, Add	38.56	
15062-0092	EA 8" X 4" Combination Cast Iron Fitting	286.35	91.51
	15MOD-0078 For Extra Heavy Fittings, Add	52.20	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.86	
	15MOD-0083 For Work In Restricted Working Space, Add	41.17	
15062-0093	EA 8" X 6" Combination Cast Iron Fitting	357.38	101.80
	15MOD-0078 For Extra Heavy Fittings, Add	71.66	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.63	
	15MOD-0083 For Work In Restricted Working Space, Add	45.80	
15062-0094	Double Wye <small>(15062-0011)</small>		
15062-0095	EA 2" Double Wye Cast Iron Fitting.....	122.94	47.60
	15MOD-0078 For Extra Heavy Fittings, Add	18.06	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.57	
	15MOD-0083 For Work In Restricted Working Space, Add	21.40	
15062-0096	EA 3" Double Wye Cast Iron Fitting.....	176.58	60.01
	15MOD-0078 For Extra Heavy Fittings, Add	30.32	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.50	
	15MOD-0083 For Work In Restricted Working Space, Add	26.99	
15062-0097	EA 4" Double Wye Cast Iron Fitting.....	238.22	75.91
	15MOD-0078 For Extra Heavy Fittings, Add	43.53	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.69	
	15MOD-0083 For Work In Restricted Working Space, Add	34.15	
15062-0098	EA 6" Double Wye Cast Iron Fitting.....	461.01	123.45
	15MOD-0078 For Extra Heavy Fittings, Add	96.57	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	9.25	
	15MOD-0083 For Work In Restricted Working Space, Add	55.53	
15062-0099	EA 8" Double Wye Cast Iron Fitting.....	887.65	144.12
	15MOD-0078 For Extra Heavy Fittings, Add	235.06	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	10.80	
	15MOD-0083 For Work In Restricted Working Space, Add	64.81	
15062-0100	EA 10" Double Wye Cast Iron Fitting.....	1,167.03	161.26
	15MOD-0078 For Extra Heavy Fittings, Add	323.84	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	12.09	
	15MOD-0083 For Work In Restricted Working Space, Add	72.53	
15062-0101	EA 12" Double Wye Cast Iron Fitting.....	834.82	193.50
	15MOD-0078 For Extra Heavy Fittings, Add	190.65	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	14.51	
	15MOD-0083 For Work In Restricted Working Space, Add	87.04	
15062-0102	EA 15" Double Wye Cast Iron Fitting.....	2,246.64	203.08
	15MOD-0078 For Extra Heavy Fittings, Add	679.70	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	15.23	
	15MOD-0083 For Work In Restricted Working Space, Add	91.39	
15062-0103	Reducing Double Wye <small>(15062-0011)</small>		
15062-0104	EA 3" x 2" Double Wye Cast Iron Fitting.....	114.86	56.29
	15MOD-0078 For Extra Heavy Fittings, Add	10.65	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.22	
	15MOD-0083 For Work In Restricted Working Space, Add	25.33	
15062-0105	EA 4" x 2" Double Wye Cast Iron Fitting.....	133.28	64.67
	15MOD-0078 For Extra Heavy Fittings, Add	12.71	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.85	
	15MOD-0083 For Work In Restricted Working Space, Add	29.09	
15062-0106	EA 4" x 3" Double Wye Cast Iron Fitting.....	143.82	67.84
	15MOD-0078 For Extra Heavy Fittings, Add	14.72	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.09	
	15MOD-0083 For Work In Restricted Working Space, Add	30.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0107	EA	6" x 2" Double Wye Cast Iron Fitting.....	191.16	85.63
	15MOD-0078	For Extra Heavy Fittings, Add	21.98	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	6.42	
	15MOD-0083	For Work In Restricted Working Space, Add	38.51	
15062-0108	EA	6" x 3" Double Wye Cast Iron Fitting.....	202.02	88.90
	15MOD-0078	For Extra Heavy Fittings, Add	24.07	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	6.66	
	15MOD-0083	For Work In Restricted Working Space, Add	39.98	
15062-0109	EA	6" x 4" Double Wye Cast Iron Fitting.....	230.72	96.94
	15MOD-0078	For Extra Heavy Fittings, Add	29.88	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	7.27	
	15MOD-0083	For Work In Restricted Working Space, Add	43.60	
15062-0110	EA	8" x 4" Double Wye Cast Iron Fitting.....	356.05	111.06
	15MOD-0078	For Extra Heavy Fittings, Add	66.36	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	8.32	
	15MOD-0083	For Work In Restricted Working Space, Add	49.94	
15062-0111	EA	8" x 6" Double Wye Cast Iron Fitting.....	391.10	131.43
	15MOD-0078	For Extra Heavy Fittings, Add	67.90	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	9.85	
	15MOD-0083	For Work In Restricted Working Space, Add	59.13	
15062-0112	EA	10" x 4" Double Wye Cast Iron Fitting.....	379.46	118.80
	15MOD-0078	For Extra Heavy Fittings, Add	70.46	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	8.91	
	15MOD-0083	For Work In Restricted Working Space, Add	53.44	
15062-0113	EA	10" x 6" Double Wye Cast Iron Fitting.....	442.58	139.56
	15MOD-0078	For Extra Heavy Fittings, Add	81.66	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	10.46	
	15MOD-0083	For Work In Restricted Working Space, Add	62.78	
15062-0114	EA	10" x 8" Double Wye Cast Iron Fitting.....	539.17	152.11
	15MOD-0078	For Extra Heavy Fittings, Add	108.88	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	11.40	
	15MOD-0083	For Work In Restricted Working Space, Add	68.42	
15062-0115	EA	12" x 6" Double Wye Cast Iron Fitting.....	550.79	155.61
	15MOD-0078	For Extra Heavy Fittings, Add	111.11	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	11.67	
	15MOD-0083	For Work In Restricted Working Space, Add	70.00	
15062-0116	EA	12" x 8" Double Wye Cast Iron Fitting.....	694.81	169.31
	15MOD-0078	For Extra Heavy Fittings, Add	154.34	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	12.69	
	15MOD-0083	For Work In Restricted Working Space, Add	76.16	
15062-0117		Double Combination Wye And 1/8 Bend (15062-0011)		
15062-0118	EA	2" Double Combination Cast Iron Fitting.....	104.45	47.60
	15MOD-0078	For Extra Heavy Fittings, Add	11.59	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.57	
	15MOD-0083	For Work In Restricted Working Space, Add	21.40	
15062-0119	EA	3" Double Combination Cast Iron Fitting.....	140.56	63.67
	15MOD-0078	For Extra Heavy Fittings, Add	15.78	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.77	
	15MOD-0083	For Work In Restricted Working Space, Add	28.64	
15062-0120	EA	4" Double Combination Cast Iron Fitting.....	182.80	79.63
	15MOD-0078	For Extra Heavy Fittings, Add	22.20	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	5.97	
	15MOD-0083	For Work In Restricted Working Space, Add	35.81	
15062-0121	EA	6" Double Combination Cast Iron Fitting.....	403.54	137.97
	15MOD-0078	For Extra Heavy Fittings, Add	68.84	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	10.34	
	15MOD-0083	For Work In Restricted Working Space, Add	62.06	
15062-0122		Reducing Double Combination Wye And 1/8 Bend (15062-0011)		
15062-0123	EA	3" x 2" Double Combination Cast Iron Fitting.....	137.92	57.10
	15MOD-0078	For Extra Heavy Fittings, Add	18.32	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.28	
	15MOD-0083	For Work In Restricted Working Space, Add	25.68	
15062-0124	EA	4" x 2" Double Combination Cast Iron Fitting.....	162.90	64.67
	15MOD-0078	For Extra Heavy Fittings, Add	23.08	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.85	
	15MOD-0083	For Work In Restricted Working Space, Add	29.09	
15062-0125	EA	4" x 3" Double Combination Cast Iron Fitting.....	182.73	72.00
	15MOD-0078	For Extra Heavy Fittings, Add	26.19	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	5.40	
	15MOD-0083	For Work In Restricted Working Space, Add	32.37	
15062-0126	EA	6" x 4" Double Combination Cast Iron Fitting.....	364.27	102.91
	15MOD-0078	For Extra Heavy Fittings, Add	73.49	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	7.72	
	15MOD-0083	For Work In Restricted Working Space, Add	46.29	
15062-0127		Sanitary Tee (15062-0011)		
15062-0128	EA	2" Sanitary Tee Cast Iron Fitting.....	85.53	39.85
	15MOD-0078	For Extra Heavy Fittings, Add	9.03	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.99	
	15MOD-0083	For Work In Restricted Working Space, Add	17.92	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0129	EA 3" Sanitary Tee Cast Iron Fitting.....	96.83	43.57
	15MOD-0078 For Extra Heavy Fittings, Add	11.03	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.27	
	15MOD-0083 For Work In Restricted Working Space, Add	19.60	
15062-0130	EA 4" Sanitary Tee Cast Iron Fitting.....	151.77	53.37
	15MOD-0078 For Extra Heavy Fittings, Add	25.10	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.00	
	15MOD-0083 For Work In Restricted Working Space, Add	24.02	
15062-0131	EA 5" Sanitary Tee Cast Iron Fitting.....	221.69	62.70
	15MOD-0078 For Extra Heavy Fittings, Add	44.67	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.70	
	15MOD-0083 For Work In Restricted Working Space, Add	28.22	
15062-0132	EA 6" Sanitary Tee Cast Iron Fitting.....	265.93	75.21
	15MOD-0078 For Extra Heavy Fittings, Add	53.61	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.64	
	15MOD-0083 For Work In Restricted Working Space, Add	33.83	
15062-0133	EA 8" Sanitary Tee Cast Iron Fitting.....	549.35	97.42
	15MOD-0078 For Extra Heavy Fittings, Add	141.15	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.30	
	15MOD-0083 For Work In Restricted Working Space, Add	43.82	
15062-0134	EA 10" Sanitary Tee Cast Iron Fitting.....	816.89	118.80
	15MOD-0078 For Extra Heavy Fittings, Add	223.56	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	8.91	
	15MOD-0083 For Work In Restricted Working Space, Add	53.44	
15062-0135	EA 12" Sanitary Tee Cast Iron Fitting.....	1,207.05	139.56
	15MOD-0078 For Extra Heavy Fittings, Add	349.22	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	10.46	
	15MOD-0083 For Work In Restricted Working Space, Add	62.78	
15062-0136	Reducing Sanitary Tee (15062-0011)		
15062-0137	EA 3" x 2" Sanitary Tee Cast Iron Fitting.....	111.79	41.58
	15MOD-0078 For Extra Heavy Fittings, Add	17.30	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.12	
	15MOD-0083 For Work In Restricted Working Space, Add	18.71	
15062-0138	EA 4" x 2" Sanitary Tee Cast Iron Fitting.....	132.22	48.72
	15MOD-0078 For Extra Heavy Fittings, Add	20.72	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.65	
	15MOD-0083 For Work In Restricted Working Space, Add	21.91	
15062-0139	EA 4" x 3" Sanitary Tee Cast Iron Fitting.....	137.93	48.72
	15MOD-0078 For Extra Heavy Fittings, Add	22.72	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.65	
	15MOD-0083 For Work In Restricted Working Space, Add	21.91	
15062-0140	EA 6" x 2" Sanitary Tee Cast Iron Fitting.....	214.36	72.00
	15MOD-0078 For Extra Heavy Fittings, Add	37.26	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.40	
	15MOD-0083 For Work In Restricted Working Space, Add	32.37	
15062-0141	EA 6" x 3" Sanitary Tee Cast Iron Fitting.....	222.65	73.32
	15MOD-0078 For Extra Heavy Fittings, Add	39.45	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.50	
	15MOD-0083 For Work In Restricted Working Space, Add	32.99	
15062-0142	EA 6" x 4" Sanitary Tee Cast Iron Fitting.....	241.12	78.21
	15MOD-0078 For Extra Heavy Fittings, Add	43.34	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.86	
	15MOD-0083 For Work In Restricted Working Space, Add	35.18	
15062-0143	EA 8" x 4" Sanitary Tee Cast Iron Fitting.....	396.30	91.51
	15MOD-0078 For Extra Heavy Fittings, Add	90.68	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.86	
	15MOD-0083 For Work In Restricted Working Space, Add	41.17	
15062-0144	EA 8" x 6" Sanitary Tee Cast Iron Fitting.....	493.48	101.80
	15MOD-0078 For Extra Heavy Fittings, Add	119.29	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.63	
	15MOD-0083 For Work In Restricted Working Space, Add	45.80	
15062-0145	Vent Tee (15062-0011)		
15062-0146	EA 2" Vent Tee Cast Iron Fitting.....	74.75	39.79
	15MOD-0078 For Extra Heavy Fittings, Add	5.27	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.98	
	15MOD-0083 For Work In Restricted Working Space, Add	17.90	
15062-0147	EA 3" Vent Tee Cast Iron Fitting.....	91.56	43.57
	15MOD-0078 For Extra Heavy Fittings, Add	9.18	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.27	
	15MOD-0083 For Work In Restricted Working Space, Add	19.60	
15062-0148	EA 4" Vent Tee Cast Iron Fitting.....	121.14	57.10
	15MOD-0078 For Extra Heavy Fittings, Add	12.44	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.28	
	15MOD-0083 For Work In Restricted Working Space, Add	25.68	
15062-0149	EA 5" Vent Tee Cast Iron Fitting.....	159.63	71.12
	15MOD-0078 For Extra Heavy Fittings, Add	18.56	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.33	
	15MOD-0083 For Work In Restricted Working Space, Add	31.98	

15000 Mechanical**15050 Basic Materials And Methods****15062 Cast Iron Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0150	EA	6" Vent Tee Cast Iron Fitting.....	200.55	88.21
	15MOD-0078	For Extra Heavy Fittings, Add	23.92	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	6.61	
	15MOD-0083	For Work In Restricted Working Space, Add	39.67	
15062-0151	EA	8" Vent Tee Cast Iron Fitting.....	331.11	114.81
	15MOD-0078	For Extra Heavy Fittings, Add	55.65	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	8.61	
	15MOD-0083	For Work In Restricted Working Space, Add	51.63	
15062-0152		Tapped Sanitary Tee (15062-0011)		
15062-0153	EA	2" Tapped Sanitary Tee Cast Iron Fitting.....	76.52	39.79
	15MOD-0078	For Extra Heavy Fittings, Add	5.89	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.98	
	15MOD-0083	For Work In Restricted Working Space, Add	17.90	
15062-0154	EA	3" Tapped Sanitary Tee Cast Iron Fitting.....	84.37	43.57
	15MOD-0078	For Extra Heavy Fittings, Add	6.66	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.27	
	15MOD-0083	For Work In Restricted Working Space, Add	19.60	
15062-0155	EA	4" Tapped Sanitary Tee Cast Iron Fitting.....	109.05	57.10
	15MOD-0078	For Extra Heavy Fittings, Add	8.21	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.28	
	15MOD-0083	For Work In Restricted Working Space, Add	25.68	
15062-0156		Tapped Sanitary Cross (15062-0011)		
15062-0157	EA	2" Tapped Sanitary Cross Cast Iron Fitting.....	77.63	39.79
	15MOD-0078	For Extra Heavy Fittings, Add	6.28	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.98	
	15MOD-0083	For Work In Restricted Working Space, Add	17.90	
15062-0158	EA	3" Tapped Sanitary Cross Cast Iron Fitting.....	86.49	43.57
	15MOD-0078	For Extra Heavy Fittings, Add	7.41	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.27	
	15MOD-0083	For Work In Restricted Working Space, Add	19.60	
15062-0159	EA	4" Tapped Sanitary Cross Cast Iron Fitting.....	114.38	57.10
	15MOD-0078	For Extra Heavy Fittings, Add	10.08	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.28	
	15MOD-0083	For Work In Restricted Working Space, Add	25.68	
15062-0160		P-Traps (15062-0011)		
15062-0161	EA	2" P-Trap, Cast Iron Fitting.....	42.98	17.82
	15MOD-0078	For Extra Heavy Fittings, Add	5.70	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083	For Work In Restricted Working Space, Add	8.01	
15062-0162	EA	3" P-Trap, Cast Iron Fitting.....	57.26	22.41
	15MOD-0078	For Extra Heavy Fittings, Add	8.30	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0163	EA	4" P-Trap, Cast Iron Fitting.....	77.86	29.79
	15MOD-0078	For Extra Heavy Fittings, Add	11.62	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.23	
	15MOD-0083	For Work In Restricted Working Space, Add	13.40	
15062-0164	EA	5" P-Trap, Cast Iron Fitting.....	124.03	35.25
	15MOD-0078	For Extra Heavy Fittings, Add	24.92	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.64	
	15MOD-0083	For Work In Restricted Working Space, Add	15.85	
15062-0165	EA	6" P-Trap, Cast Iron Fitting.....	164.71	41.46
	15MOD-0078	For Extra Heavy Fittings, Add	35.89	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.11	
	15MOD-0083	For Work In Restricted Working Space, Add	18.65	
15062-0166	EA	8" P-Trap, Cast Iron Fitting.....	353.08	52.93
	15MOD-0078	For Extra Heavy Fittings, Add	95.81	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.97	
	15MOD-0083	For Work In Restricted Working Space, Add	23.80	
15062-0167	EA	10" P-Trap, Cast Iron Fitting.....	393.39	65.12
	15MOD-0078	For Extra Heavy Fittings, Add	103.51	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.88	
	15MOD-0083	For Work In Restricted Working Space, Add	29.29	
15062-0168		Deep Seal P-Traps (15062-0011)		
15062-0169	EA	2" P-Trap, Deep Seal, Cast Iron Fitting.....	49.18	17.82
	15MOD-0078	For Extra Heavy Fittings, Add	7.87	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083	For Work In Restricted Working Space, Add	8.01	
15062-0170	EA	3" P-Trap, Deep Seal, Cast Iron Fitting.....	69.43	22.41
	15MOD-0078	For Extra Heavy Fittings, Add	12.56	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0171	EA	4" P-Trap, Deep Seal, Cast Iron Fitting.....	100.49	29.79
	15MOD-0078	For Extra Heavy Fittings, Add	19.54	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.23	
	15MOD-0083	For Work In Restricted Working Space, Add	13.40	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0172	EA 5" P-Trap, Deep Seal, Cast Iron Fitting.....	166.00	39.39
	15MOD-0078 For Extra Heavy Fittings, Add	37.44	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.95	
	15MOD-0083 For Work In Restricted Working Space, Add	17.71	
15062-0173	EA 6" P-Trap, Deep Seal, Cast Iron Fitting.....	176.85	43.92
	15MOD-0078 For Extra Heavy Fittings, Add	38.84	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.29	
	15MOD-0083 For Work In Restricted Working Space, Add	19.76	
15062-0174	Reducers <small>(15062-0011)</small>		
15062-0175	EA 3" x 2" Reducer Cast Iron Fitting.....	43.08	22.41
	15MOD-0078 For Extra Heavy Fittings, Add	3.34	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	1.68	
	15MOD-0083 For Work In Restricted Working Space, Add	10.07	
15062-0176	EA 4" x 2" Reducer Cast Iron Fitting.....	54.31	29.55
	15MOD-0078 For Extra Heavy Fittings, Add	3.49	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.22	
	15MOD-0083 For Work In Restricted Working Space, Add	13.30	
15062-0177	EA 4" x 3" Reducer Cast Iron Fitting.....	57.60	29.79
	15MOD-0078 For Extra Heavy Fittings, Add	4.53	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.23	
	15MOD-0083 For Work In Restricted Working Space, Add	13.40	
15062-0178	EA 6" x 2" Reducer Cast Iron Fitting.....	75.94	38.07
	15MOD-0078 For Extra Heavy Fittings, Add	6.59	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.86	
	15MOD-0083 For Work In Restricted Working Space, Add	17.14	
15062-0179	EA 6" x 3" Reducer Cast Iron Fitting.....	79.03	38.58
	15MOD-0078 For Extra Heavy Fittings, Add	7.41	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.89	
	15MOD-0083 For Work In Restricted Working Space, Add	17.36	
15062-0180	EA 6" x 4" Reducer Cast Iron Fitting.....	81.41	39.39
	15MOD-0078 For Extra Heavy Fittings, Add	7.83	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	2.95	
	15MOD-0083 For Work In Restricted Working Space, Add	17.71	
15062-0181	EA 8" x 2" Reducer Cast Iron Fitting.....	102.17	40.59
	15MOD-0078 For Extra Heavy Fittings, Add	14.46	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.04	
	15MOD-0083 For Work In Restricted Working Space, Add	18.26	
15062-0182	EA 8" x 3" Reducer Cast Iron Fitting.....	115.86	49.44
	15MOD-0078 For Extra Heavy Fittings, Add	14.61	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.71	
	15MOD-0083 For Work In Restricted Working Space, Add	22.24	
15062-0183	EA 8" x 4" Reducer Cast Iron Fitting.....	118.90	50.70
	15MOD-0078 For Extra Heavy Fittings, Add	15.00	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.80	
	15MOD-0083 For Work In Restricted Working Space, Add	22.82	
15062-0184	EA 8" x 6" Reducer Cast Iron Fitting.....	122.97	52.93
	15MOD-0078 For Extra Heavy Fittings, Add	15.27	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.97	
	15MOD-0083 For Work In Restricted Working Space, Add	23.80	
15062-0185	EA 10" x 4" Reducer Cast Iron Fitting.....	151.53	59.40
	15MOD-0078 For Extra Heavy Fittings, Add	21.86	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.45	
	15MOD-0083 For Work In Restricted Working Space, Add	26.72	
15062-0186	EA 10" x 6" Reducer Cast Iron Fitting.....	159.70	62.38
	15MOD-0078 For Extra Heavy Fittings, Add	23.15	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.68	
	15MOD-0083 For Work In Restricted Working Space, Add	28.07	
15062-0187	EA 10" x 8" Reducer Cast Iron Fitting.....	169.74	65.12
	15MOD-0078 For Extra Heavy Fittings, Add	25.24	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	4.88	
	15MOD-0083 For Work In Restricted Working Space, Add	29.29	
15062-0188	EA 12" x 4" Reducer Cast Iron Fitting.....	207.75	70.57
	15MOD-0078 For Extra Heavy Fittings, Add	35.69	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	5.29	
	15MOD-0083 For Work In Restricted Working Space, Add	31.73	
15062-0189	EA 12" x 6" Reducer Cast Iron Fitting.....	232.90	82.57
	15MOD-0078 For Extra Heavy Fittings, Add	38.17	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	6.19	
	15MOD-0083 For Work In Restricted Working Space, Add	37.15	
15062-0190	EA 12" x 8" Reducer Cast Iron Fitting.....	253.33	94.05
	15MOD-0078 For Extra Heavy Fittings, Add	39.31	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	7.05	
	15MOD-0083 For Work In Restricted Working Space, Add	42.31	
15062-0191	EA 12" x 10" Reducer Cast Iron Fitting.....	279.13	108.33
	15MOD-0078 For Extra Heavy Fittings, Add	40.85	
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	8.12	
	15MOD-0083 For Work In Restricted Working Space, Add	48.72	
15062-0192	Running Trap With Single Vent <small>(15062-0011)</small>		
15062-0193	EA 3" x 3" Running Trap With Single Hub Vent.....	114.00	43.01
	15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add	3.27	
	15MOD-0083 For Work In Restricted Working Space, Add	19.60	

15000 Mechanical**15050 Basic Materials And Methods****15062 Cast Iron Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0194	EA	4" x 4" Running Trap With Single Hub Vent.....	151.84	56.54
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.28	
	15MOD-0083	For Work In Restricted Working Space, Add	25.68	
15062-0195	EA	5" x 4" Running Trap With Single Hub Vent Fitting.....	208.92	68.41
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	5.17	
	15MOD-0083	For Work In Restricted Working Space, Add	31.03	
15062-0196	EA	6" x 4" Running Trap With Single Hub Vent.....	401.25	77.53
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	5.86	
	15MOD-0083	For Work In Restricted Working Space, Add	35.18	
15062-0197	EA	8" x 4" Running Trap With Single Hub Vent.....	1,264.57	90.50
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	6.86	
	15MOD-0083	For Work In Restricted Working Space, Add	41.17	
15062-0198	EA	8" x 6" Running Trap With Single Hub Vent.....	1,370.01	100.97
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	7.63	
	15MOD-0083	For Work In Restricted Working Space, Add	45.80	
15062-0199		Running Trap With Double Vent (15062-0011)		
15062-0200	EA	3" x 3" Running Trap With Double Hub Vent.....	146.82	59.40
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	4.50	
	15MOD-0083	For Work In Restricted Working Space, Add	26.99	
15062-0201	EA	4" x 4" Running Trap With Double Hub Vent.....	199.14	74.97
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	5.69	
	15MOD-0083	For Work In Restricted Working Space, Add	34.15	
15062-0202	EA	6" x 4" Running Trap With Double Hub Vent.....	450.28	95.81
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	7.27	
	15MOD-0083	For Work In Restricted Working Space, Add	43.60	
15062-0203	EA	6" x 6" Running Trap With Double Hub Vent.....	523.73	115.97
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	8.79	
	15MOD-0083	For Work In Restricted Working Space, Add	52.73	
15062-0204	EA	8" x 4" Running Trap With Double Hub Vent.....	1,365.69	109.73
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	8.32	
	15MOD-0083	For Work In Restricted Working Space, Add	49.94	
15062-0205	EA	8" x 6" Running Trap With Double Hub Vent.....	1,501.45	130.29
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	9.85	
	15MOD-0083	For Work In Restricted Working Space, Add	59.13	
15062-0206	EA	10" x 8" Running Trap With Double Hub Vent.....	1,990.30	150.34
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	11.40	
	15MOD-0083	For Work In Restricted Working Space, Add	68.42	
15062-0207	EA	12" x 10" Running Trap With Double Hub Vent.....	2,744.48	173.83
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	13.17	
	15MOD-0083	For Work In Restricted Working Space, Add	79.00	
15062-0208	EA	15" x 12" Running Trap With Double Hub Vent.....	5,301.84	201.05
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	15.24	
	15MOD-0083	For Work In Restricted Working Space, Add	91.42	
15062-0209		Scission Joint Fitting (15062-0011)		
15062-0210	EA	2" Scission Joint Fitting.....	84.79	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.33	
	15MOD-0083	For Work In Restricted Working Space, Add	7.99	
15062-0211	EA	3" Scission Joint Fitting.....	115.97	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	1.50	
	15MOD-0083	For Work In Restricted Working Space, Add	8.98	
15062-0212	EA	4" Scission Joint Fitting.....	134.71	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.00	
	15MOD-0083	For Work In Restricted Working Space, Add	12.02	
15062-0213	EA	5" Scission Joint Fitting.....	165.93	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.33	
	15MOD-0083	For Work In Restricted Working Space, Add	13.97	
15062-0214	EA	6" Scission Joint Fitting.....	201.47	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	2.81	
	15MOD-0083	For Work In Restricted Working Space, Add	16.87	
15062-0215	EA	8" Scission Joint Fitting.....	376.50	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	3.55	
	15MOD-0083	For Work In Restricted Working Space, Add	21.32	
15062-0216		Cut And Prepare Existing Pipe In-Place (15062-0001)		
		Note: For use when connecting pipe to an existing in-place system.		
15062-0217	EA	Cut And Prepare 2" Cast Iron Pipe.....	7.42	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	0.37	
	15MOD-0083	For Work In Restricted Working Space, Add	2.23	
15062-0218	EA	Cut And Prepare 3" Cast Iron Pipe.....	8.09	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	0.40	
	15MOD-0083	For Work In Restricted Working Space, Add	2.43	
15062-0219	EA	Cut And Prepare 4" Cast Iron Pipe.....	10.11	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	0.51	
	15MOD-0083	For Work In Restricted Working Space, Add	3.03	
15062-0220	EA	Cut And Prepare 6" Cast Iron Pipe.....	12.14	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	0.61	
	15MOD-0083	For Work In Restricted Working Space, Add	3.64	
15062-0221	EA	Cut And Prepare 8" Cast Iron Pipe.....	16.18	
	15MOD-0079	For Above Ground Cast Iron Pipe Installation, Add	0.81	
	15MOD-0083	For Work In Restricted Working Space, Add	4.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0222	EA Cut And Prepare 10" Cast Iron Pipe 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	18.87 0.94 5.66	
15062-0223	EA Cut And Prepare 12" Cast Iron Pipe 15MOD-0079 For Above Ground Cast Iron Pipe Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	22.25 1.11 6.68	
15062-0224	Joint Material <small>(15062-0001)</small> Note: Labor costs are included in the installation costs for fittings.		
15062-0225	LB Lead (1 LB/Diameter Inch) Joint Material	1.55	
15062-0226	LB Oakum (1/8 LB/Diameter inch) Joint Material	6.46	
15062-0227	EA 2" Dual Tite Rubber Gasket	0.72	
15062-0228	EA 3" Dual Tite Rubber Gasket	0.99	
15062-0229	EA 4" Dual Tite Rubber Gasket	1.23	
15062-0230	EA 6" Dual Tite Rubber Gasket	2.04	
15062-0231	EA 8" Dual Tite Rubber Gasket	4.49	
15062-0232	EA 10" Dual Tite Rubber Gasket	6.89	
15062-0233	EA 12" Dual Tite Rubber Gasket	8.78	
15062-0234	Cast Iron Soil Pipe Assemblies <small>(15062)</small>		
15062-0235	Underground Cast Iron Soil Pipe Bell And Spigot Assemblies <small>(15062-0234)</small> Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
15062-0236	LF 2" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	18.72 2.87	3.91
15062-0237	LF 3" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	26.69 3.89	5.89
15062-0238	LF 4" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	34.61 5.00	7.51
15062-0239	LF 5" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	41.50 5.51	9.80
15062-0240	LF 6" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	48.57 6.13	10.68
15062-0241	LF 8" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	76.21 8.51	15.04
15062-0242	LF 10" Cast Iron Pipe Bell And Spigot Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	110.60 9.64	15.04
15062-0243	Aboveground Cast Iron Soil Pipe No Hub Assemblies <small>(15062-0234)</small> Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15062-0244	LF 1-1/2" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	17.38 3.11	3.72
15062-0245	LF 2" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	18.42 3.35	3.97
15062-0246	LF 3" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	24.16 4.30	5.77
15062-0247	LF 4" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	29.88 5.30	7.51
15062-0248	LF 5" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	50.30 9.17	9.61
15062-0249	LF 6" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. 15MOD-0083 For Work In Restricted Working Space, Add	55.82 9.81	10.49

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15050 Basic Materials And Methods
15062 Cast Iron Pipe



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0250	LF	8" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	90.68	14.91
		15MOD-0083 For Work In Restricted Working Space, Add	15.53	
15062-0251	LF	10" Cast Iron Pipe No-Hub Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	101.56	16.95
		15MOD-0083 For Work In Restricted Working Space, Add	11.31	
15062-0252		Cast Iron Soil Pipe And Fittings Service Weight, No Hub <small>(15062)</small> Note: Excludes hangers, couplings and fittings.		
15062-0253		Cast Iron Pipe, No Hub <small>(15062-0252)</small> Note: Excludes hangers, couplings and fittings		
15062-0254	LF	1-1/2" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	9.96 0.28 1.68	3.72
15062-0255	LF	2" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	10.58 0.30 1.80	3.97
15062-0256	LF	3" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	15.03 0.43 2.60	5.77
15062-0257	LF	4" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	19.52 0.56 3.39	7.51
15062-0258	LF	5" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	25.88 0.72 4.33	9.61
15062-0259	LF	6" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	29.89 0.79 4.71	10.49
15062-0260	LF	8" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	45.02 1.12 6.70	14.91
15062-0261	LF	10" Cast Iron Soil Pipe, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	63.03 1.27 7.62	16.95
15062-0262		Cast Iron Fittings, No Hub <small>(15062-0252)</small>		
15062-0263		90 Degree Bend No Hub (Short Sweep) <small>(15062-0262)</small>		
15062-0264	EA	2" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	34.39 1.32 7.92	17.62
15062-0265	EA	3" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	41.24 1.51 9.08	20.18
15062-0266	EA	4" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	57.99 2.00 12.01	26.69
15062-0267	EA	5" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	82.52 2.38 14.26	31.72
15062-0268	EA	6" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	92.52 2.84 17.03	37.82
15062-0269	EA	8" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	168.85 3.63 21.76	48.36
15062-0270	EA	10" 90 Degree Cast Iron Bend, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	270.98 5.08 30.46	67.71
15062-0271		1/4 Bend No Hub <small>(15062-0262)</small>		
15062-0272	EA	1-1/2" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	31.52 1.27 7.60	16.88
15062-0273	EA	2" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	32.96 1.32 7.92	17.62
15062-0274	EA	3" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	38.91 1.51 9.08	20.18
15062-0275	EA	4" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	52.83 2.00 12.01	26.69
15062-0276	EA	5" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	76.11 2.38 14.26	31.72



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0277	EA 6" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	88.42 2.84 17.03	37.82
15062-0278	EA 8" (1/4 Bend) Cast Iron Fitting, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	156.90 3.63 21.76	48.36
15062-0279	Tee, Sanitary Straight No Hub <small>(15062-0262)</small>		
15062-0280	EA 1-1/2" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	47.24 1.95 11.71	26.01
15062-0281	EA 2" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	63.15 2.70 16.19	35.99
15062-0282	EA 3" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	70.08 2.96 17.73	39.41
15062-0283	EA 4" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	94.75 3.88 23.28	51.76
15062-0284	EA 5" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	135.01 4.63 27.78	61.76
15062-0285	EA 6" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	159.35 5.50 32.99	73.32
15062-0286	EA 8" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	289.35 7.25 43.52	96.78
15062-0287	EA 2" x 1-1/2" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	53.19 2.20 13.20	29.36
15062-0288	EA 3" x 1-1/2" Cast Iron Tee, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	61.69 2.58 15.45	34.38
15062-0289	Tee, Sanitary Reducing No Hub <small>(15062-0262)</small>		
15062-0290	EA 3" x 2" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	64.15 2.70 16.19	35.99
15062-0291	EA 3" x 4" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	74.66 2.70 16.19	35.99
15062-0292	EA 4" x 2" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	86.08 3.65 21.91	48.72
15062-0293	EA 4" x 3" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	88.64 3.65 21.91	48.72
15062-0294	EA 5" x 2" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	118.29 4.40 26.39	58.68
15062-0295	EA 5" x 3" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	121.84 4.40 26.39	58.68
15062-0296	EA 5" x 4" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	122.28 4.40 26.39	58.68
15062-0297	EA 6" x 4" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	126.95 4.58 27.49	61.13
15062-0298	EA 8" x 6" Cast Iron Tee, Sanitary Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	229.86 6.12 36.70	81.61
15062-0299	Cross, Sanitary Straight No Hub <small>(15062-0262)</small>		
15062-0300	EA 1-1/2" Cast Iron Cross, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	63.23 2.61 15.65	34.75
15062-0301	EA 2" Cast Iron Cross, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	67.82 2.70 16.19	35.99
15062-0302	EA 3" Cast Iron Cross, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	80.92 2.96 17.73	39.41
15062-0303	EA 4" Cast Iron Cross, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	118.57 3.88 23.28	51.76
15062-0304	EA 3" x 2" Cast Iron Cross, Sanitary Straight, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	88.94 3.47 20.80	46.24

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15062 Cast Iron Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0305 EA 4" x 2" Cast Iron Cross, Sanitary Straight, No Hub	99.07	47.60
15MOD-0082 For Below Ground Installation, Add	3.57	
15MOD-0083 For Work In Restricted Working Space, Add	21.41	
15062-0306 EA 4" x 3" Cast Iron Cross, Sanitary Straight, No Hub	107.92	49.71
15MOD-0082 For Below Ground Installation, Add	3.72	
15MOD-0083 For Work In Restricted Working Space, Add	22.35	
15062-0307 Wye, Straight No Hub <small>(15062-0262)</small>		
15062-0308 EA 1-1/2" Cast Iron Wye, Straight, No Hub	48.43	26.56
15MOD-0082 For Below Ground Installation, Add	1.99	
15MOD-0083 For Work In Restricted Working Space, Add	11.94	
15062-0309 EA 2" Cast Iron Wye, Straight, No Hub	62.71	35.99
15MOD-0082 For Below Ground Installation, Add	2.70	
15MOD-0083 For Work In Restricted Working Space, Add	16.19	
15062-0310 EA 3" Cast Iron Wye, Straight, No Hub	71.06	39.41
15MOD-0082 For Below Ground Installation, Add	2.96	
15MOD-0083 For Work In Restricted Working Space, Add	17.73	
15062-0311 EA 4" Cast Iron Wye, Straight, No Hub	96.98	51.76
15MOD-0082 For Below Ground Installation, Add	3.88	
15MOD-0083 For Work In Restricted Working Space, Add	23.28	
15062-0312 EA 5" Cast Iron Wye, Straight, No Hub	134.55	61.76
15MOD-0082 For Below Ground Installation, Add	4.63	
15MOD-0083 For Work In Restricted Working Space, Add	27.78	
15062-0313 EA 6" Cast Iron Wye, Straight, No Hub	159.68	73.32
15MOD-0082 For Below Ground Installation, Add	5.50	
15MOD-0083 For Work In Restricted Working Space, Add	32.99	
15062-0314 EA 8" Cast Iron Wye, Straight, No Hub	261.89	96.78
15MOD-0082 For Below Ground Installation, Add	7.25	
15MOD-0083 For Work In Restricted Working Space, Add	43.52	
15062-0315 EA 10" Cast Iron Wye, Straight, No Hub	414.15	107.51
15MOD-0082 For Below Ground Installation, Add	8.06	
15MOD-0083 For Work In Restricted Working Space, Add	48.35	
15062-0316 Wye, Reducing No Hub <small>(15062-0262)</small>		
15062-0317 EA 2" Cast Iron Wye, Reducing, No Hub	58.40	33.27
15MOD-0082 For Below Ground Installation, Add	2.49	
15MOD-0083 For Work In Restricted Working Space, Add	14.96	
15062-0318 EA 3" Cast Iron Wye, Reducing, No Hub	63.78	35.56
15MOD-0082 For Below Ground Installation, Add	2.66	
15MOD-0083 For Work In Restricted Working Space, Add	15.98	
15062-0319 EA 4" Cast Iron Wye, Reducing, No Hub	89.61	48.97
15MOD-0082 For Below Ground Installation, Add	3.67	
15MOD-0083 For Work In Restricted Working Space, Add	22.04	
15062-0320 EA 6" Cast Iron Wye, Reducing, No Hub	148.12	75.29
15MOD-0082 For Below Ground Installation, Add	5.64	
15MOD-0083 For Work In Restricted Working Space, Add	33.85	
15062-0321 EA 8" Cast Iron Wye, Reducing, No Hub	250.38	97.38
15MOD-0082 For Below Ground Installation, Add	7.30	
15MOD-0083 For Work In Restricted Working Space, Add	43.81	
15062-0322 EA 10" Cast Iron Wye, Reducing, No Hub	392.22	115.01
15MOD-0082 For Below Ground Installation, Add	8.62	
15MOD-0083 For Work In Restricted Working Space, Add	51.72	
15062-0323 Reducer, No Hub <small>(15062-0262)</small>		
15062-0324 EA 3" X 2" Cast Iron Reducer, No Hub	58.61	35.99
15MOD-0082 For Below Ground Installation, Add	2.70	
15MOD-0083 For Work In Restricted Working Space, Add	16.19	
15062-0325 EA 4" X 2" Cast Iron Reducer, No Hub	80.11	48.72
15MOD-0082 For Below Ground Installation, Add	3.65	
15MOD-0083 For Work In Restricted Working Space, Add	21.91	
15062-0326 EA 4" X 3" Cast Iron Reducer, No Hub	80.33	48.72
15MOD-0082 For Below Ground Installation, Add	3.65	
15MOD-0083 For Work In Restricted Working Space, Add	21.91	
15062-0327 EA 5" X 2" Cast Iron Reducer, No Hub	98.35	58.68
15MOD-0082 For Below Ground Installation, Add	4.40	
15MOD-0083 For Work In Restricted Working Space, Add	26.39	
15062-0328 EA 5" X 3" Cast Iron Reducer, No Hub	99.79	58.68
15MOD-0082 For Below Ground Installation, Add	4.40	
15MOD-0083 For Work In Restricted Working Space, Add	26.39	
15062-0329 EA 5" X 4" Cast Iron Reducer, No Hub	100.36	58.68
15MOD-0082 For Below Ground Installation, Add	4.40	
15MOD-0083 For Work In Restricted Working Space, Add	26.39	
15062-0330 EA 6" X 3" Cast Iron Reducer, No Hub	115.68	65.21
15MOD-0082 For Below Ground Installation, Add	4.89	
15MOD-0083 For Work In Restricted Working Space, Add	29.32	
15062-0331 EA 6" X 4" Cast Iron Reducer, No Hub	115.90	65.21
15MOD-0082 For Below Ground Installation, Add	4.89	
15MOD-0083 For Work In Restricted Working Space, Add	29.32	
15062-0332 EA 6" X 5" Cast Iron Reducer, No Hub	116.55	65.21
15MOD-0082 For Below Ground Installation, Add	4.89	
15MOD-0083 For Work In Restricted Working Space, Add	29.32	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0333	EA 8" X 2" Cast Iron Reducer, No Hub.....	159.32	90.31
	15MOD-0082 For Below Ground Installation, Add	6.77	
	15MOD-0083 For Work In Restricted Working Space, Add	40.62	
15062-0334	EA 8" X 3" Cast Iron Reducer, No Hub.....	160.97	90.31
	15MOD-0082 For Below Ground Installation, Add	6.77	
	15MOD-0083 For Work In Restricted Working Space, Add	40.62	
15062-0335	EA 8" X 4" Cast Iron Reducer, No Hub.....	163.63	90.31
	15MOD-0082 For Below Ground Installation, Add	6.77	
	15MOD-0083 For Work In Restricted Working Space, Add	40.62	
15062-0336	EA 8" X 5" Cast Iron Reducer, No Hub.....	166.40	90.31
	15MOD-0082 For Below Ground Installation, Add	6.77	
	15MOD-0083 For Work In Restricted Working Space, Add	40.62	
15062-0337	EA 8" X 6" Cast Iron Reducer, No Hub.....	166.73	90.31
	15MOD-0082 For Below Ground Installation, Add	6.77	
	15MOD-0083 For Work In Restricted Working Space, Add	40.62	
15062-0338	EA 10" X 4" Cast Iron Reducer, No Hub.....	194.17	95.26
	15MOD-0082 For Below Ground Installation, Add	7.14	
	15MOD-0083 For Work In Restricted Working Space, Add	42.84	
15062-0339	EA 10" X 6" Cast Iron Reducer, No Hub.....	206.71	99.44
	15MOD-0082 For Below Ground Installation, Add	7.46	
	15MOD-0083 For Work In Restricted Working Space, Add	44.74	
15062-0340	EA 10" X 8" Cast Iron Reducer, No Hub.....	230.81	107.95
	15MOD-0082 For Below Ground Installation, Add	8.09	
	15MOD-0083 For Work In Restricted Working Space, Add	48.55	
15062-0341	Blind Plug, No Hub <small>(15062-0262)</small>		
15062-0342	EA 1-1/2" Cast Iron Blind Plug, No Hub.....	27.99	16.88
	15MOD-0082 For Below Ground Installation, Add	1.27	
	15MOD-0083 For Work In Restricted Working Space, Add	7.60	
15062-0343	EA 2" Cast Iron Blind Plug, No Hub.....	28.96	17.62
	15MOD-0082 For Below Ground Installation, Add	1.32	
	15MOD-0083 For Work In Restricted Working Space, Add	7.92	
15062-0344	EA 3" Cast Iron Blind Plug, No Hub.....	34.81	20.18
	15MOD-0082 For Below Ground Installation, Add	1.51	
	15MOD-0083 For Work In Restricted Working Space, Add	9.08	
15062-0345	EA 4" Cast Iron Blind Plug, No Hub.....	46.12	26.69
	15MOD-0082 For Below Ground Installation, Add	2.00	
	15MOD-0083 For Work In Restricted Working Space, Add	12.01	
15062-0346	EA 5" Cast Iron Blind Plug, No Hub.....	59.68	32.67
	15MOD-0082 For Below Ground Installation, Add	2.42	
	15MOD-0083 For Work In Restricted Working Space, Add	14.51	
15062-0347	EA 6" Cast Iron Blind Plug, No Hub.....	68.16	37.82
	15MOD-0082 For Below Ground Installation, Add	2.84	
	15MOD-0083 For Work In Restricted Working Space, Add	17.03	
15062-0348	EA 8" Cast Iron Blind Plug, No Hub.....	108.50	48.36
	15MOD-0082 For Below Ground Installation, Add	3.63	
	15MOD-0083 For Work In Restricted Working Space, Add	21.76	
15062-0349	EA 10" Cast Iron Blind Plug, No Hub.....	129.85	52.10
	15MOD-0082 For Below Ground Installation, Add	3.91	
	15MOD-0083 For Work In Restricted Working Space, Add	23.43	
15062-0350	P Trap, No Hub <small>(15062-0262)</small>		
15062-0351	EA 2" Cast Iron P-Trap, No Hub.....	35.83	17.62
	15MOD-0082 For Below Ground Installation, Add	1.32	
	15MOD-0083 For Work In Restricted Working Space, Add	7.92	
15062-0352	EA 3" Cast Iron P-Trap, No Hub.....	51.75	20.18
	15MOD-0082 For Below Ground Installation, Add	1.51	
	15MOD-0083 For Work In Restricted Working Space, Add	9.08	
15062-0353	EA 4" Cast Iron P-Trap, No Hub.....	77.35	26.69
	15MOD-0082 For Below Ground Installation, Add	2.00	
	15MOD-0083 For Work In Restricted Working Space, Add	12.01	
15062-0354	EA 5" Cast Iron P-Trap, No Hub.....	133.29	31.98
	15MOD-0082 For Below Ground Installation, Add	2.40	
	15MOD-0083 For Work In Restricted Working Space, Add	14.37	
15062-0355	EA 6" Cast Iron P-Trap, No Hub.....	142.64	38.13
	15MOD-0082 For Below Ground Installation, Add	2.86	
	15MOD-0083 For Work In Restricted Working Space, Add	17.15	
15062-0356	EA 2" Cast Iron (Deep Seal) P-Trap, No Hub.....	56.04	22.41
	15MOD-0082 For Below Ground Installation, Add	1.68	
	15MOD-0083 For Work In Restricted Working Space, Add	10.07	
15062-0357	EA 3" Cast Iron (Deep Seal) P-Trap, No Hub.....	80.53	29.79
	15MOD-0082 For Below Ground Installation, Add	2.23	
	15MOD-0083 For Work In Restricted Working Space, Add	13.40	
15062-0358	EA 4" Cast Iron (Deep Seal) P-Trap, No Hub.....	116.53	39.35
	15MOD-0082 For Below Ground Installation, Add	2.95	
	15MOD-0083 For Work In Restricted Working Space, Add	17.69	
15062-0359	Closet Flanges <small>(15062-0262)</small>		
15062-0360	EA 4" Diameter Cast Iron Closet Flange.....	54.98	26.69
	15MOD-0082 For Below Ground Installation, Add	2.00	
	15MOD-0083 For Work In Restricted Working Space, Add	12.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0361	EA	4" X 2-1/2" Diameter Cast Iron Offset Closet Flange	58.08	26.69
	15MOD-0082	For Below Ground Installation, Add	2.00	
	15MOD-0083	For Work In Restricted Working Space, Add	12.01	
15062-0362		Closet Bends (15062-0262)		
15062-0363	EA	4" X 16" Cast Iron Closet Bend	98.51	26.69
	15MOD-0082	For Below Ground Installation, Add	2.00	
	15MOD-0083	For Work In Restricted Working Space, Add	12.01	
15062-0364		Combination Y And 1/8 Bend, Straight No Hub (15062-0262)		
15062-0365	EA	1-1/2" Cast Iron Combination, Straight, No Hub	55.05	30.91
	15MOD-0082	For Below Ground Installation, Add	2.32	
	15MOD-0083	For Work In Restricted Working Space, Add	13.89	
15062-0366	EA	2" Cast Iron Combination, Straight, No Hub	63.07	35.99
	15MOD-0082	For Below Ground Installation, Add	2.70	
	15MOD-0083	For Work In Restricted Working Space, Add	16.19	
15062-0367	EA	3" Cast Iron Combination, Straight, No Hub	73.72	39.41
	15MOD-0082	For Below Ground Installation, Add	2.96	
	15MOD-0083	For Work In Restricted Working Space, Add	17.73	
15062-0368	EA	4" Cast Iron Combination, Straight, No Hub	104.50	51.76
	15MOD-0082	For Below Ground Installation, Add	3.88	
	15MOD-0083	For Work In Restricted Working Space, Add	23.28	
15062-0369	EA	6" Cast Iron Combination, Straight, No Hub	187.12	79.63
	15MOD-0082	For Below Ground Installation, Add	5.97	
	15MOD-0083	For Work In Restricted Working Space, Add	35.81	
15062-0370	EA	8" Cast Iron Combination, Straight, No Hub	323.18	102.16
	15MOD-0082	For Below Ground Installation, Add	7.66	
	15MOD-0083	For Work In Restricted Working Space, Add	45.95	
15062-0371	EA	10" Cast Iron Combination, Straight, No Hub	380.37	123.52
	15MOD-0082	For Below Ground Installation, Add	9.26	
	15MOD-0083	For Work In Restricted Working Space, Add	55.55	
15062-0372		Combination Y And 1/8 Bend, Reducing No Hub (15062-0262)		
15062-0373	EA	2" X 1-1/2" Cast Iron Combination Reducing, No Hub	63.50	35.99
	15MOD-0082	For Below Ground Installation, Add	2.70	
	15MOD-0083	For Work In Restricted Working Space, Add	16.19	
15062-0374	EA	3" X 2" Cast Iron Combination Reducing, No Hub	69.86	39.41
	15MOD-0082	For Below Ground Installation, Add	2.96	
	15MOD-0083	For Work In Restricted Working Space, Add	17.73	
15062-0375	EA	4" X 2" Cast Iron Combination Reducing, No Hub	80.05	43.57
	15MOD-0082	For Below Ground Installation, Add	3.27	
	15MOD-0083	For Work In Restricted Working Space, Add	19.60	
15062-0376	EA	4" X 3" Cast Iron Combination Reducing, No Hub	91.33	48.41
	15MOD-0082	For Below Ground Installation, Add	3.63	
	15MOD-0083	For Work In Restricted Working Space, Add	21.78	
15062-0377	EA	6" X 2" Cast Iron Combination Reducing, No Hub	128.11	62.39
	15MOD-0082	For Below Ground Installation, Add	4.68	
	15MOD-0083	For Work In Restricted Working Space, Add	28.07	
15062-0378	EA	6" X 3" Cast Iron Combination Reducing, No Hub	141.48	65.21
	15MOD-0082	For Below Ground Installation, Add	4.89	
	15MOD-0083	For Work In Restricted Working Space, Add	29.32	
15062-0379	EA	6" X 4" Cast Iron Combination Reducing, No Hub	159.18	76.21
	15MOD-0082	For Below Ground Installation, Add	5.71	
	15MOD-0083	For Work In Restricted Working Space, Add	34.27	
15062-0380	EA	8" X 4" Cast Iron Combination Reducing, No Hub	203.11	76.09
	15MOD-0082	For Below Ground Installation, Add	5.70	
	15MOD-0083	For Work In Restricted Working Space, Add	34.23	
15062-0381	EA	8" X 6" Cast Iron Combination Reducing, No Hub	258.56	83.65
	15MOD-0082	For Below Ground Installation, Add	6.27	
	15MOD-0083	For Work In Restricted Working Space, Add	37.61	
15062-0382		Cleanouts, No Hub (15062-0262)		
15062-0383	EA	2" Cast Iron Cleanout Tee, No Hub	34.01	17.62
	15MOD-0082	For Below Ground Installation, Add	1.32	
	15MOD-0083	For Work In Restricted Working Space, Add	7.92	
15062-0384	EA	3" Cast Iron Cleanout Tee, No Hub	42.49	20.18
	15MOD-0082	For Below Ground Installation, Add	1.51	
	15MOD-0083	For Work In Restricted Working Space, Add	9.08	
15062-0385	EA	4" Cast Iron Cleanout Tee, No Hub	61.52	26.69
	15MOD-0082	For Below Ground Installation, Add	2.00	
	15MOD-0083	For Work In Restricted Working Space, Add	12.01	
15062-0386	EA	6" Cast Iron Cleanout Tee, No Hub	101.01	39.41
	15MOD-0082	For Below Ground Installation, Add	2.96	
	15MOD-0083	For Work In Restricted Working Space, Add	17.73	
15062-0387	EA	2" Cast Iron Cleanout Plug, No Hub	29.64	17.62
	15MOD-0082	For Below Ground Installation, Add	1.32	
	15MOD-0083	For Work In Restricted Working Space, Add	7.92	
15062-0388	EA	3" Cast Iron Cleanout Plug, No Hub	35.35	20.18
	15MOD-0082	For Below Ground Installation, Add	1.51	
	15MOD-0083	For Work In Restricted Working Space, Add	9.08	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0389	EA 4" Cast Iron Cleanout Plug, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	49.68 2.00 12.01	26.69
15062-0390	EA 6" Cast Iron Cleanout Plug, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	77.12 2.96 17.73	39.41
15062-0391	EA 8" Cast Iron Cleanout Plug, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	102.33 3.88 23.28	51.76
15062-0392	1/8 Bend No Hub (15062-0262)		
15062-0393	EA 1-1/2" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	30.19 1.27 7.60	16.88
15062-0394	EA 2" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	31.38 1.32 7.92	17.62
15062-0395	EA 3" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	37.36 1.51 9.08	20.18
15062-0396	EA 4" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	49.36 2.00 12.01	26.69
15062-0397	EA 6" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	80.37 2.96 17.73	39.41
15062-0398	EA 8" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	134.19 3.88 23.28	51.76
15062-0399	EA 10" Cast Iron (1/8 Bend) No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	202.24 4.77 28.64	63.67
15062-0400	Combination, Double No Hub (15062-0262)		
15062-0401	EA 2" Cast Iron Combination, Double, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	101.97 4.03 24.18	53.75
15062-0402	EA 3" Cast Iron Combination, Double, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	122.42 4.47 26.79	59.58
15062-0403	EA 4" Cast Iron Combination, Double, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	181.44 5.91 35.47	78.89
15062-0404	EA 6" Cast Iron Combination, Double, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	256.36 9.13 54.77	121.77
15062-0405	Combination, Double, Reducing No Hub (15062-0262)		
15062-0406	EA 3" Cast Iron Combination, Double Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	114.10 4.47 26.79	59.58
15062-0407	EA 4" Cast Iron Combination, Double Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	159.70 5.91 35.45	78.83
15062-0408	EA 6" Cast Iron Combination, Double Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	249.85 9.13 54.77	121.77
15062-0409	EA 3" x 2" Cast Iron Combination, Double Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	94.13 3.47 20.80	46.24
15062-0410	EA 4" x 2" Cast Iron Combination, Double Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	109.17 4.03 24.18	53.75
15062-0411	EA 4" x 3" Cast Iron Combination, Double Reducing, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	129.56 4.40 26.41	58.71
15062-0412	Reducing Wye, No Hub (15062-0262)		
15062-0413	EA 3" x 1-1/2" Cast Iron Reducing Wye, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	60.93 2.58 15.45	34.38
15062-0414	EA 3" x 2" Cast Iron Reducing Wye, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	68.53 2.96 17.73	39.41
15062-0415	EA 4" x 2" Cast Iron Reducing Wye, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	77.39 3.27 19.60	43.57
15062-0416	EA 4" x 3" Cast Iron Reducing Wye, No Hub 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	88.75 3.63 21.78	48.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0417	EA	6" x 2" Cast Iron Reducing Wye, No Hub.....	120.38	62.39
	15MOD-0082	For Below Ground Installation, Add	4.68	
	15MOD-0083	For Work In Restricted Working Space, Add	28.07	
15062-0418	EA	6" x 3" Cast Iron Reducing Wye, No Hub.....	127.96	65.21
	15MOD-0082	For Below Ground Installation, Add	4.89	
	15MOD-0083	For Work In Restricted Working Space, Add	29.32	
15062-0419	EA	6" x 4" Cast Iron Reducing Wye, No Hub.....	147.34	76.21
	15MOD-0082	For Below Ground Installation, Add	5.71	
	15MOD-0083	For Work In Restricted Working Space, Add	34.27	
15062-0420	EA	8" x 4" Cast Iron Reducing Wye, No Hub.....	180.98	76.09
	15MOD-0082	For Below Ground Installation, Add	5.70	
	15MOD-0083	For Work In Restricted Working Space, Add	34.23	
15062-0421	EA	8" x 6" Cast Iron Reducing Wye, No Hub.....	207.96	83.65
	15MOD-0082	For Below Ground Installation, Add	6.27	
	15MOD-0083	For Work In Restricted Working Space, Add	37.61	
15062-0422	EA	10" x 4" Cast Iron Reducing Wye, No Hub.....	308.55	89.10
	15MOD-0082	For Below Ground Installation, Add	6.68	
	15MOD-0083	For Work In Restricted Working Space, Add	40.08	
15062-0423	EA	10" x 6" Cast Iron Reducing Wye, No Hub.....	326.05	95.39
	15MOD-0082	For Below Ground Installation, Add	7.15	
	15MOD-0083	For Work In Restricted Working Space, Add	42.90	
15062-0424	EA	10" x 8" Cast Iron Reducing Wye, No Hub.....	372.51	101.86
	15MOD-0082	For Below Ground Installation, Add	7.63	
	15MOD-0083	For Work In Restricted Working Space, Add	45.81	
15062-0425		Wye, Double, No Hub <small>(15062-0262)</small>		
15062-0426	EA	2" Cast Iron Wye, Double, No Hub	79.28	44.75
	15MOD-0082	For Below Ground Installation, Add	3.35	
	15MOD-0083	For Work In Restricted Working Space, Add	20.13	
15062-0427	EA	3" Cast Iron Wye, Double, No Hub	104.15	54.49
	15MOD-0082	For Below Ground Installation, Add	4.08	
	15MOD-0083	For Work In Restricted Working Space, Add	24.50	
15062-0428	EA	4" Cast Iron Wye, Double, No Hub	135.59	59.58
	15MOD-0082	For Below Ground Installation, Add	4.47	
	15MOD-0083	For Work In Restricted Working Space, Add	26.79	
15062-0429	EA	6" Cast Iron Wye, Double, No Hub	218.25	92.42
	15MOD-0082	For Below Ground Installation, Add	6.93	
	15MOD-0083	For Work In Restricted Working Space, Add	41.55	
15062-0430	EA	8" Cast Iron Wye, Double, No Hub	400.55	123.11
	15MOD-0082	For Below Ground Installation, Add	9.23	
	15MOD-0083	For Work In Restricted Working Space, Add	55.39	
15062-0431	EA	3" X 2" Cast Iron Wye, Double, No Hub.....	93.61	49.59
	15MOD-0082	For Below Ground Installation, Add	3.72	
	15MOD-0083	For Work In Restricted Working Space, Add	22.30	
15062-0432	EA	4" X 2" Cast Iron Wye, Double, No Hub.....	111.52	57.10
	15MOD-0082	For Below Ground Installation, Add	4.28	
	15MOD-0083	For Work In Restricted Working Space, Add	25.68	
15062-0433	EA	4" X 3" Cast Iron Wye, Double, No Hub.....	122.55	62.25
	15MOD-0082	For Below Ground Installation, Add	4.67	
	15MOD-0083	For Work In Restricted Working Space, Add	28.00	
15062-0434	EA	6" X 4" Cast Iron Wye, Double, No Hub.....	186.82	81.48
	15MOD-0082	For Below Ground Installation, Add	6.11	
	15MOD-0083	For Work In Restricted Working Space, Add	36.65	
15062-0435		Sanitary Waste And Vent Specialties (No Hub) <small>(15062-0262)</small>		
15062-0436	EA	2" Cast Iron Sanitary Tee Tap 1-1/2-1-1/4 No Hub.....	35.62	17.62
	15MOD-0082	For Below Ground Installation, Add	1.32	
	15MOD-0083	For Work In Restricted Working Space, Add	7.92	
15062-0437	EA	3" Cast Iron Sanitary Tee Tap 1-1/2-1-1/4 No Hub.....	41.32	20.18
	15MOD-0082	For Below Ground Installation, Add	1.51	
	15MOD-0083	For Work In Restricted Working Space, Add	9.08	
15062-0438	EA	4" Cast Iron Sanitary Tee Tap 1-1/2-1-1/4 No Hub.....	51.34	26.69
	15MOD-0082	For Below Ground Installation, Add	2.00	
	15MOD-0083	For Work In Restricted Working Space, Add	12.01	
15062-0439	EA	1-1/4" Cast Iron Waste Connector, Male No Hub	41.64	22.41
	15MOD-0082	For Below Ground Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0440	EA	1-1/4" Cast Iron Waste Connector, Female No Hub	41.64	22.41
	15MOD-0082	For Below Ground Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0441	EA	1-1/2" Cast Iron Waste Connector, Male No Hub	44.14	22.41
	15MOD-0082	For Below Ground Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0442	EA	1-1/2" Cast Iron Waste Connector, Female No Hub	44.14	22.41
	15MOD-0082	For Below Ground Installation, Add	1.68	
	15MOD-0083	For Work In Restricted Working Space, Add	10.07	
15062-0443		90 Degree Bend No Hub (Long Sweep) <small>(15062-0262)</small>		
15062-0444	EA	1-1/2" Cast Iron 90 Degree Bend, Long Sweep.....	36.24	17.62
	15MOD-0082	For Below Ground Installation, Add	1.32	
	15MOD-0083	For Work In Restricted Working Space, Add	7.92	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0445	EA 2" Cast Iron 90 Degree Bend, Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	36.49 1.32 7.92	17.62
15062-0446	EA 3" Cast Iron 90 Degree Bend, Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	42.90 1.51 9.08	20.18
15062-0447	EA 4" Cast Iron 90 Degree Bend, Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	58.86 2.00 12.01	26.69
15062-0448	EA 5" Cast Iron 90 Degree Bend, Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	82.19 2.38 14.26	31.72
15062-0449	EA 6" Cast Iron 90 Degree Bend, Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	97.60 2.84 17.03	37.82
15062-0450	EA 8" Cast Iron 90 Degree Bend, Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	184.19 3.63 21.76	48.36
15062-0451	90 Degree Bend No Hub (Long Sweep) Reducing (15062-0262)		
15062-0452	EA 3" To 2" Cast Iron Reducing Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	53.30 1.51 9.08	20.18
15062-0453	EA 4" To 3" Cast Iron Reducing Long Sweep 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	78.69 2.00 12.01	26.69
15062-0454	Two-Way Cleanout Tee (15062-0262)		
15062-0455	EA 4" Single Cast Iron Two-Way Cleanout 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	138.93 3.88 23.28	51.76
15062-0456	EA 4" Double Cast Iron Two-Way Cleanout 15MOD-0082 For Below Ground Installation, Add 15MOD-0083 For Work In Restricted Working Space, Add	174.89 5.90 35.38	78.63
15062-0457	Coupling, No-Hub (15062-0262) Note: Stainless steel shield. Stainless steel clamps and screw housing with neoprene gasket (Femco NH).		
15062-0458	EA 1-1/2" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	4.68 0.61 1.26	
15062-0459	EA 2" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	4.68 0.61 1.26	
15062-0460	EA 3" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	5.55 0.72 1.50	
15062-0461	EA 4" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	6.59 0.86 1.78	
15062-0462	EA 5" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	15.24 1.98 4.11	
15062-0463	EA 6" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	16.74 2.18 4.52	
15062-0464	EA 8" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	31.54 4.10 8.52	
15062-0465	EA 10" No-Hub Coupling 15MOD-0080 For Medium Duty (Femco MD-2000), Add 15MOD-0081 For Heavy Duty (Femco HD-4000), Add	43.45 5.65 11.73	
15062-0466	EA 2" x 1-1/2" No-Hub Reducing Coupling EA 3" x 2" No-Hub Reducing Coupling	5.55 8.61	
15062-0468	EA 4" x 2" No-Hub Reducing Coupling	12.01	
15062-0469	EA 4" x 3" No-Hub Reducing Coupling	10.23	
15062-0470	Coupling, Cast Iron Clamp And Neoprene Gasket (15062-0262) Note: For underground connections. See CSI section 15075-0032 for additional FERNCO couplings.		
15062-0471	EA 1-1/2" Mechanical Joint Coupling, Cast Iron With Bolts	17.89	
15062-0472	EA 2" Mechanical Joint Coupling, Cast Iron With Bolts	18.47	
15062-0473	EA 3" Mechanical Joint Coupling, Cast Iron With Bolts	19.39	
15062-0474	EA 4" Mechanical Joint Coupling, Cast Iron With Bolts	22.62	
15062-0475	EA 5" Mechanical Joint Coupling, Cast Iron With Bolts	42.71	
15062-0476	EA 6" Mechanical Joint Coupling, Cast Iron With Bolts	58.63	
15062-0477	EA 8" Mechanical Joint Coupling, Cast Iron With Bolts	102.72	
15062-0478	EA 10" Mechanical Joint Coupling, Cast Iron With Bolts	156.97	
15062-0479	Cut And Prepare Existing Pipe In-Place (15062-0252) Note: For use when connecting pipe to an existing in-place system.		

15000 Mechanical
15050 Basic Materials And Methods
15062 Cast Iron Pipe



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0480	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	6.07	
		15MOD-0083 For Work In Restricted Working Space, Add	1.82	
15062-0481	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	7.42	
		15MOD-0083 For Work In Restricted Working Space, Add	2.23	
15062-0482	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	8.09	
		15MOD-0083 For Work In Restricted Working Space, Add	2.43	
15062-0483	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	10.11	
		15MOD-0083 For Work In Restricted Working Space, Add	3.03	
15062-0484	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	12.14	
		15MOD-0083 For Work In Restricted Working Space, Add	3.64	
15062-0485	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	16.18	
		15MOD-0083 For Work In Restricted Working Space, Add	4.85	
15062-0486	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	18.87	
		15MOD-0083 For Work In Restricted Working Space, Add	5.66	
15062-0487		High-Silicon Content Cast Iron Pipe And Fittings, Hub And Spigot (15062)		
		Note: Acid resistant. Hub and spigot and mechanical joint, ASTM A518.		
15062-0488		High-Silicon Cast Iron Pipe, Hub And Spigot (15062-0487)		
15062-0489	LF	2" High Silicon Cast Iron Pipe, Hub	57.80	5.53
15062-0490	LF	3" High Silicon Cast Iron Pipe, Hub	81.27	6.89
15062-0491	LF	4" High Silicon Cast Iron Pipe, Hub Without Fittings	110.43	7.95
15062-0492	LF	6" High Silicon Cast Iron Pipe, Hub Without Fittings	182.25	11.94
15062-0493	LF	8" High Silicon Cast Iron Pipe, Hub Without Fittings	320.33	15.81
15062-0494	LF	10" High Silicon Cast Iron Pipe, Hub Without Fittings	565.08	19.93
15062-0495	LF	12" High Silicon Cast Iron Pipe, Hub Without Fittings	1,006.09	26.84
15062-0496		High-Silicon Cast Iron Fittings, Hub And Spigot (15062-0487)		
15062-0497		Long Sweeps (15062-0496)		
15062-0498	EA	2" Long Sweep High Silicon Cast Iron Fitting	233.56	47.05
15062-0499	EA	3" Long Sweep High Silicon Cast Iron Fitting	304.33	51.76
15062-0500	EA	4" Long Sweep High Silicon Cast Iron Fitting	492.05	61.94
15062-0501	EA	6" Long Sweep High Silicon Cast Iron Fitting	738.48	78.85
15062-0502	EA	8" Long Sweep High Silicon Cast Iron Fitting	1,684.44	126.99
15062-0503		1/4 Bends (15062-0496)		
15062-0504	EA	2" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	137.99	47.05
15062-0505	EA	3" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	178.78	51.76
15062-0506	EA	4" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	224.08	61.94
15062-0507	EA	6" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	590.44	78.85
15062-0508	EA	8" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	1,327.84	126.99
15062-0509	EA	10" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	2,010.59	158.21
15062-0510	EA	12" (1/4 Bend) High Silicon Cast Iron Pipe Fitting	2,945.27	190.26
15062-0511		1/8 Bends (15062-0496)		
15062-0512	EA	2" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	137.99	47.05
15062-0513	EA	3" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	178.78	51.76
15062-0514	EA	4" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	224.08	61.94
15062-0515	EA	6" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	436.78	78.85
15062-0516	EA	8" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	1,129.21	126.99
15062-0517	EA	10" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	1,645.47	158.21
15062-0518	EA	12" (1/8 Bend) High Silicon Cast Iron Pipe Fitting	2,327.16	190.26
15062-0519		Short Sweep (15062-0496)		
15062-0520	EA	2" Short Sweep High Silicon Cast Iron Pipe Fitting	186.71	47.05
15062-0521	EA	3" Short Sweep High Silicon Cast Iron Pipe Fitting	326.82	51.76
15062-0522	EA	4" Short Sweep High Silicon Cast Iron Pipe Fitting	366.50	61.94
15062-0523		Sanitary Tee (15062-0496)		
15062-0524	EA	2" Sanitary Tee High Silicon Cast Iron Pipe Fitting	195.50	70.38
15062-0525	EA	3" Sanitary Tee High Silicon Cast Iron Pipe Fitting	244.39	78.02
15062-0526	EA	4" Sanitary Tee High Silicon Cast Iron Pipe Fitting	338.32	93.16
15062-0527	EA	6" Sanitary Tee High Silicon Cast Iron Pipe Fitting	571.17	118.49
15062-0528	EA	8" Sanitary Tee High Silicon Cast Iron Pipe Fitting	1,711.87	190.64
15062-0529	EA	10" Sanitary Tee High Silicon Cast Iron Pipe Fitting	2,424.67	238.04
15062-0530	EA	2" x 1-1/2" Sanitary Tee High Silicon Cast Iron Pipe Fitting	183.62	67.47
15062-0531	EA	3" x 1-1/2" Sanitary Tee High Silicon Cast Iron Pipe Fitting	213.56	72.43
15062-0532	EA	4" x 1-1/2" Sanitary Tee High Silicon Cast Iron Pipe Fitting	272.17	82.79
15062-0533		Sanitary Tee, Reducing (15062-0496)		
15062-0534	EA	3" x 2" Sanitary Tee High Silicon Cast Iron Pipe Fitting	237.96	74.97
15062-0535	EA	4" x 2" Sanitary Tee High Silicon Cast Iron Pipe Fitting	291.12	85.40
15062-0536	EA	4" x 3" Sanitary Tee High Silicon Cast Iron Pipe Fitting	319.20	87.95



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0537	EA 6" x 2" Sanitary Tee High Silicon Cast Iron Pipe Fitting.....	407.01	102.53
15062-0538	EA 6" x 3" Sanitary Tee High Silicon Cast Iron Pipe Fitting.....	450.03	105.17
15062-0539	EA 6" x 4" Sanitary Tee High Silicon Cast Iron Pipe Fitting.....	502.24	110.01
15062-0540	Wye <small>(15062-0496)</small>		
15062-0541	EA 2" Wye High Silicon Cast Iron Pipe Fitting.....	193.75	70.50
15062-0542	EA 3" Wye High Silicon Cast Iron Pipe Fitting.....	265.01	78.02
15062-0543	EA 4" Wye High Silicon Cast Iron Pipe Fitting.....	338.21	93.10
15062-0544	EA 6" Wye High Silicon Cast Iron Pipe Fitting.....	574.22	118.05
15062-0545	EA 8" Wye High Silicon Cast Iron Pipe Fitting.....	2,135.07	190.45
15062-0546	Wye, Reducing <small>(15062-0496)</small>		
15062-0547	EA 3" X 2" Wye High Silicon Cast Iron Pipe Fitting.....	225.49	75.41
15062-0548	EA 4" X 2" Wye High Silicon Cast Iron Pipe Fitting.....	261.29	85.52
15062-0549	EA 4" X 3" Wye High Silicon Cast Iron Pipe Fitting.....	312.09	88.20
15062-0550	EA 6" X 2" Wye High Silicon Cast Iron Pipe Fitting.....	427.52	102.66
15062-0551	EA 6" X 3" Wye High Silicon Cast Iron Pipe Fitting.....	504.37	105.17
15062-0552	EA 6" X 4" Wye High Silicon Cast Iron Pipe Fitting.....	526.60	110.01
15062-0553	EA 8" X 3" Wye High Silicon Cast Iron Pipe Fitting.....	1,262.88	153.64
15062-0554	EA 8" X 4" Wye High Silicon Cast Iron Pipe Fitting.....	1,362.30	158.72
15062-0555	EA 8" X 6" Wye High Silicon Cast Iron Pipe Fitting.....	1,661.13	166.84
15062-0556	EA 2" x 1-1/2" Wye High Silicon Cast Iron Pipe Fitting.....	198.59	67.47
15062-0557	EA 3" x 1-1/2" Wye High Silicon Cast Iron Pipe Fitting.....	213.53	72.43
15062-0558	EA 4" x 1-1/2" Wye High Silicon Cast Iron Pipe Fitting.....	251.55	82.79
15062-0559	Combination Wye And 1/8 Bend <small>(15062-0496)</small>		
15062-0560	EA 2" Combination High Silicon Cast Iron Pipe Fitting.....	229.16	70.38
15062-0561	EA 3" Combination High Silicon Cast Iron Pipe Fitting.....	272.20	77.83
15062-0562	EA 4" Combination High Silicon Cast Iron Pipe Fitting.....	400.14	93.16
15062-0563	EA 6" Combination High Silicon Cast Iron Pipe Fitting.....	623.17	118.17
15062-0564	Combination Wye And 1/8 Bend, Reducing <small>(15062-0496)</small>		
15062-0565	EA 3" X 2" Combination High Silicon Cast Iron Pipe Fitting.....	244.10	75.35
15062-0566	EA 4" X 2" Combination High Silicon Cast Iron Pipe Fitting.....	304.60	85.65
15062-0567	EA 4" X 3" Combination High Silicon Cast Iron Pipe Fitting.....	343.92	88.14
15062-0568	EA 6" X 2" Combination High Silicon Cast Iron Pipe Fitting.....	451.83	102.66
15062-0569	EA 6" X 3" Combination High Silicon Cast Iron Pipe Fitting.....	558.75	105.23
15062-0570	EA 6" X 4" Combination High Silicon Cast Iron Pipe Fitting.....	611.19	110.20
15062-0571	EA 2" x 1-1/2" Combination High Silicon Cast Iron Pipe Fitting.....	191.10	67.47
15062-0572	EA 3" x 1-1/2" Combination High Silicon Cast Iron Pipe Fitting.....	221.02	72.43
15062-0573	EA 4" x 1-1/2" Combination High Silicon Cast Iron Pipe Fitting.....	264.67	82.79
15062-0574	Straight Tee <small>(15062-0496)</small>		
15062-0575	EA 2" Vent Tee High Silicon Cast Iron Pipe Fitting.....	221.70	70.38
15062-0576	EA 3" Vent Tee High Silicon Cast Iron Pipe Fitting.....	266.58	77.83
15062-0577	EA 4" Vent Tee High Silicon Cast Iron Pipe Fitting.....	362.66	93.16
15062-0578	EA 2" x 1-1/2" Vent Tee High Silicon Cast Iron Pipe Fitting.....	209.84	67.47
15062-0579	EA 3" x 2" Vent Tee High Silicon Cast Iron Pipe Fitting.....	260.97	75.35
15062-0580	EA 4" x 2" Vent Tee High Silicon Cast Iron Pipe Fitting.....	313.96	85.65
15062-0581	EA 4" x 3" Vent Tee High Silicon Cast Iron Pipe Fitting.....	336.45	88.20
15062-0582	Reducers <small>(15062-0496)</small>		
15062-0583	EA 2" x 1-1/2" Reducer High Silicon Cast Iron Pipe Fitting.....	118.89	44.32
15062-0584	EA 3" x 1-1/2" Reducer High Silicon Cast Iron Pipe Fitting.....	130.09	46.80
15062-0585	EA 3" x 2" Reducer High Silicon Cast Iron Pipe Fitting.....	145.07	49.28
15062-0586	EA 4" x 2" Reducer High Silicon Cast Iron Pipe Fitting.....	229.96	54.62
15062-0587	EA 4" x 3" Reducer High Silicon Cast Iron Pipe Fitting.....	241.19	57.16
15062-0588	EA 6" x 3" Reducer High Silicon Cast Iron Pipe Fitting.....	267.30	65.78
15062-0589	EA 6" x 4" Reducer High Silicon Cast Iron Pipe Fitting.....	344.15	70.81
15062-0590	EA 8" x 4" Reducer High Silicon Cast Iron Pipe Fitting.....	496.93	95.26
15062-0591	EA 8" x 6" Reducer High Silicon Cast Iron Pipe Fitting.....	529.66	103.32
15062-0592	P-Traps <small>(15062-0496)</small>		
15062-0593	EA 2" P-Trap, High Silicon Cast Iron Pipe Fitting.....	344.12	47.05
15062-0594	EA 3" P-Trap, High Silicon Cast Iron Pipe Fitting.....	414.89	51.76
15062-0595	EA 4" P-Trap, High Silicon Cast Iron Pipe Fitting.....	505.16	61.94
15062-0596	EA 6" P-Trap, High Silicon Cast Iron Pipe Fitting.....	1,484.28	78.85
15062-0597	1/16 Bend <small>(15062-0496)</small>		
15062-0598	EA 2" (1/16 Bend) High Silicon Cast Iron Pipe Fitting.....	137.99	47.05
15062-0599	EA 3" (1/16 Bend) High Silicon Cast Iron Pipe Fitting.....	178.78	51.76

15000 Mechanical**15050 Basic Materials And Methods****15062 Cast Iron Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0600	EA	4" (1/16 Bend) High Silicon Cast Iron Pipe Fitting.....	223.93	61.88
15062-0601		Sanitary Increasers <small>(15062-0496)</small>		
15062-0602	EA	2" x 3" Sanitary Increases High Silicon Cast Iron Pipe Fitting.....	316.31	103.46
15062-0603	EA	2" x 4" Sanitary Increases High Silicon Cast Iron Pipe Fitting.....	413.76	103.46
15062-0604	EA	3" x 4" Sanitary Increases High Silicon Cast Iron Pipe Fitting.....	422.50	103.46
15062-0605	EA	4" x 6" Sanitary Increases High Silicon Cast Iron Pipe Fitting.....	491.61	146.70
15062-0606		Double Hubs <small>(15062-0496)</small>		
15062-0607	EA	2" Double Hub High Silicon Cast Iron Pipe Fitting.....	173.59	47.05
15062-0608	EA	3" Double Hub High Silicon Cast Iron Pipe Fitting.....	218.13	51.76
15062-0609	EA	4" Double Hub High Silicon Cast Iron Pipe Fitting.....	299.04	61.94
15062-0610	EA	6" Double Hub High Silicon Cast Iron Pipe Fitting.....	391.49	78.85
15062-0611	EA	8" Double Hub High Silicon Cast Iron Pipe Fitting.....	753.36	110.01
15062-0612		Joint Material <small>(15062-0487)</small>		
		Note: Labor costs for installation of lead, oakum and/or dual Tight gaskets are included in the installation costs for fittings.		
15062-0613	LB	Lead (1 LB/Diameter Inch) Joint Material.....	1.55	
15062-0614	LB	Oakum (1/8 LB/Diameter Inch) Joint Material.....	3.44	
15062-0615		High-Silicon Content Cast Iron Pipe And Fittings, Mechanical Joint <small>(15062)</small>		
		Note: Acid resistant. ASTM A518.		
15062-0616		High-Silicon Iron Alloy Pipe <small>(15062-0615)</small>		
15062-0617	LF	1-1/2" High Silicon Cast Iron Pipe, No-Hub.....	45.83	4.16
15062-0618	LF	2" High Silicon Cast Iron Pipe, No-Hub.....	52.15	4.59
15062-0619	LF	3" High Silicon Cast Iron Pipe, No-Hub.....	71.88	5.77
15062-0620	LF	4" High Silicon Cast Iron Pipe, No-Hub.....	90.59	6.70
15062-0621		High-Silicon Iron Alloy Fittings <small>(15062-0615)</small>		
15062-0622		Long Sweep, No Hub <small>(15062-0621)</small>		
15062-0623	EA	1-1/2" Long Sweep, High Silicon Cast Iron Fitting, No Hub.....	171.23	32.96
15062-0624	EA	2" Long Sweep, High Silicon Cast Iron Fitting, No Hub.....	185.16	37.24
15062-0625	EA	3" Long Sweep, High Silicon Cast Iron Fitting, No Hub.....	252.72	41.09
15062-0626	EA	4" Long Sweep, High Silicon Cast Iron Fitting, No Hub.....	304.97	49.65
15062-0627		1/4 Bend No Hub <small>(15062-0621)</small>		
15062-0628	EA	1-1/2" (1/4 Bend), High Silicon Cast Iron Fitting, No Hub.....	98.15	32.96
15062-0629	EA	2" (1/4 Bend), High Silicon Cast Iron Fitting, No Hub.....	117.12	36.87
15062-0630	EA	3" (1/4 Bend), High Silicon Cast Iron Fitting, No Hub.....	149.86	41.21
15062-0631	EA	4" (1/4 Bend), High Silicon Cast Iron Fitting, No Hub.....	195.72	49.28
15062-0632	EA	2" x 1-1/2" (1/4 Bend), High Silicon Cast Iron Fitting, No Hub.....	114.04	34.82
15062-0633		1/8 Bend No Hub <small>(15062-0621)</small>		
15062-0634	EA	1-1/2" (1/8 Bend), High Silicon Cast Iron Fitting, No Hub.....	98.15	32.96
15062-0635	EA	2" (1/8 Bend), High Silicon Cast Iron Fitting, No Hub.....	117.12	36.87
15062-0636	EA	3" (1/8 Bend), High Silicon Cast Iron Fitting, No Hub.....	149.86	41.21
15062-0637	EA	4" (1/8 Bend), High Silicon Cast Iron Fitting, No Hub.....	195.72	49.28
15062-0638		1/6 Bend No Hub <small>(15062-0621)</small>		
15062-0639	EA	1-1/2" (1/6 Bend), High Silicon Cast Iron Fitting, No Hub.....	115.02	32.96
15062-0640	EA	2" (1/6 Bend), High Silicon Cast Iron Fitting, No Hub.....	143.35	36.87
15062-0641	EA	3" (1/6 Bend), High Silicon Cast Iron Fitting, No Hub.....	219.20	41.21
15062-0642	EA	4" (1/6 Bend), High Silicon Cast Iron Fitting, No Hub.....	246.32	49.28
15062-0643		1/16 Bend No Hub <small>(15062-0621)</small>		
15062-0644	EA	1-1/2" (1/16 Bend), High Silicon Cast Iron Fitting, No Hub.....	111.27	32.96
15062-0645	EA	2" (1/16 Bend), High Silicon Cast Iron Fitting, No Hub.....	132.11	36.87
15062-0646	EA	3" (1/16 Bend), High Silicon Cast Iron Fitting, No Hub.....	202.33	41.21
15062-0647	EA	4" (1/16 Bend), High Silicon Cast Iron Fitting, No Hub.....	229.45	49.28
15062-0648		Double Branch Quarter Bend <small>(15062-0621)</small>		
15062-0649	EA	1-1/2" Double Branch 1/4, High Silicon Cast Iron Fitting, No Hub.....	168.04	49.59
15062-0650		Tee, Sanitary Straight No Hub <small>(15062-0621)</small>		
15062-0651	EA	1-1/2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	138.06	49.59
15062-0652	EA	2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	169.95	55.86



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0653	EA	3" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	222.63	62.25
15062-0654	EA	4" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	334.70	74.54
15062-0655		Tee, Sanitary Reducing No Hub (15062-0621)		
15062-0656	EA	2" x 1-1/2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	159.29	53.75
15062-0657	EA	3" x 1-1/2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	193.69	57.96
15062-0658	EA	3" x 2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	206.13	60.01
15062-0659	EA	4" x 1-1/2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	221.05	66.23
15062-0660	EA	4" x 2" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	242.64	68.08
15062-0661	EA	4" x 3" Tee, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	262.61	70.13
15062-0662		Wye, Straight No Hub (15062-0621)		
15062-0663	EA	1-1/2" Wye, Straight, High Silicon Cast Iron Fitting, No Hub.....	138.31	49.77
15062-0664	EA	2" Wye, Straight, High Silicon Cast Iron Fitting, No Hub.....	162.45	55.86
15062-0665	EA	3" Wye, Straight, High Silicon Cast Iron Fitting, No Hub.....	215.13	62.25
15062-0666	EA	4" Wye, Straight, High Silicon Cast Iron Fitting, No Hub.....	334.70	74.54
15062-0667		Wye, Reducing No Hub (15062-0621)		
15062-0668	EA	2" x 1-1/2" Wye, Reducing, High Silicon Cast Iron Fitting, No Hub.....	154.09	54.06
15062-0669	EA	3" x 1-1/2" Wye, Reducing, High Silicon Cast Iron Fitting, No Hub.....	188.06	57.90
15062-0670	EA	3" x 2" Wye, Reducing, High Silicon Cast Iron Fitting, No Hub.....	197.04	60.20
15062-0671	EA	4" x 1-1/2" Wye, Reducing, High Silicon Cast Iron Fitting, No Hub.....	221.36	66.41
15062-0672	EA	4" x 2" Wye, Reducing, High Silicon Cast Iron Fitting, No Hub.....	243.20	68.46
15062-0673	EA	4" x 3" Wye, Reducing, High Silicon Cast Iron Fitting, No Hub.....	257.24	70.32
15062-0674		Wye, Double, No Hub (15062-0621)		
15062-0675	EA	1-1/2" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	206.20	66.29
15062-0676	EA	2" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	261.71	74.60
15062-0677	EA	3" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	333.62	82.55
15062-0678	EA	4" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	433.63	99.24
15062-0679	EA	2" X 1-1/2" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	227.08	70.19
15062-0680	EA	3" X 1-1/2" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	253.89	74.36
15062-0681	EA	3" X 2" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	301.30	78.45
15062-0682	EA	4" X 2" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	332.61	86.90
15062-0683	EA	4" X 3" Wye, Double, High Silicon Cast Iron Fitting, No Hub.....	399.18	91.29
15062-0684		Cross, Sanitary Straight No Hub (15062-0621)		
15062-0685	EA	1-1/2" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	228.64	66.29
15062-0686	EA	2" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	269.07	74.48
15062-0687	EA	3" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	383.04	82.98
15062-0688	EA	4" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	533.11	99.37
15062-0689	EA	2" x 1-1/2" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	245.78	70.19
15062-0690	EA	3" x 1-1/2" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	319.44	74.36
15062-0691	EA	3" X 2" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	336.86	78.45
15062-0692	EA	4" X 2" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	360.69	86.83
15062-0693	EA	4" X 3" Cross, Sanitary Straight, High Silicon Cast Iron Fitting, No Hub.....	456.80	90.92
15062-0694		Combination, Straight No Hub (15062-0621)		
15062-0695	EA	1-1/2" Combination, Straight, High Silicon Cast Iron Fitting, No Hub.....	152.81	49.40
15062-0696	EA	2" Combination, Straight, High Silicon Cast Iron Fitting, No Hub.....	177.44	55.86
15062-0697	EA	3" Combination, Straight, High Silicon Cast Iron Fitting, No Hub.....	215.13	62.25
15062-0698	EA	4" Combination, Straight, High Silicon Cast Iron Fitting, No Hub.....	355.32	74.54
15062-0699		Combination, Reducing No Hub (15062-0621)		
15062-0700	EA	2" X 1-1/2" Combination, Reducing, High Silicon Cast Iron Fitting, No Hub.....	168.71	53.81
15062-0701	EA	3" X 1-1/2" Combination, Reducing, High Silicon Cast Iron Fitting, No Hub.....	188.30	58.10
15062-0702	EA	3" X 2" Combination, Reducing, High Silicon Cast Iron Fitting, No Hub.....	204.54	60.20
15062-0703	EA	4" X 1-1/2" Combination, Reducing, High Silicon Cast Iron Fitting, No Hub.....	275.71	66.41
15062-0704	EA	4" X 2" Combination, Reducing, High Silicon Cast Iron Fitting, No Hub.....	282.55	68.46
15062-0705	EA	4" X 3" Combination, Reducing, High Silicon Cast Iron Fitting, No Hub.....	315.34	70.32
15062-0706		Combination, Double No Hub (15062-0621)		
15062-0707	EA	1-1/2" Combination, Double, High Silicon Cast Iron Fitting, No Hub.....	241.62	66.17
15062-0708	EA	2" Combination, Double, High Silicon Cast Iron Fitting, No Hub.....	302.74	74.42
15062-0709	EA	3" Combination, Double, High Silicon Cast Iron Fitting, No Hub.....	433.18	82.73
15062-0710	EA	4" Combination, Double, High Silicon Cast Iron Fitting, No Hub.....	520.30	99.56
15062-0711		Combination, Double, Reducing No Hub (15062-0621)		
15062-0712	EA	2" x 1-1/2" Combination, Double, Reducing, High Silicon Cast Iron Fitting, No Hub.....	262.65	70.19
15062-0713	EA	3" x 1-1/2" Combination, Double, Reducing, High Silicon Cast Iron Fitting, No Hub.....	313.81	74.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0714 EA 3" x 2" Combination, Double, Reducing, High Silicon Cast Iron Fitting, No Hub	327.50	78.45
15062-0715 EA 4" x 2" Combination, Double, Reducing, High Silicon Cast Iron Fitting, No Hub	364.44	86.83
15062-0716 EA 4" x 3" Combination, Double, Reducing, High Silicon Cast Iron Fitting, No Hub	456.80	90.92
15062-0717 Reducer-Increaser, No Hub (15062-0621)		
15062-0718 EA 2" X 1-1/2" Reducer, High Silicon Cast Iron Fitting, No Hub	114.57	35.19
15062-0719 EA 3" X 1-1/2" Reducer, High Silicon Cast Iron Fitting, No Hub	128.91	37.24
15062-0720 EA 3" X 2" Reducer, High Silicon Cast Iron Fitting, No Hub	151.34	43.45
15062-0721 EA 4" X 1-1/2" Reducer, High Silicon Cast Iron Fitting, No Hub	178.06	41.27
15062-0722 EA 4" X 2" Reducer, High Silicon Cast Iron Fitting, No Hub	188.66	43.32
15062-0723 EA 4" X 3" Reducer, High Silicon Cast Iron Fitting, No Hub	199.24	45.37
15062-0724 Cleanouts, No Hub (15062-0621)		
15062-0725 EA 1-1/2" Cleanout Tee, High Silicon Cast Iron Fitting, No Hub	105.28	28.98
15062-0726 EA 2" Cleanout Tee, High Silicon Cast Iron Fitting, No Hub	122.22	32.78
15062-0727 EA 3" Cleanout Tee, High Silicon Cast Iron Fitting, No Hub	143.67	37.11
15062-0728 EA 4" Cleanout Tee, High Silicon Cast Iron Fitting, No Hub	258.90	45.18
15062-0729 Blind Plug, No Hub (15062-0621)		
15062-0730 EA 1-1/2" Blind Plug, High Silicon Cast Iron Fitting, No Hub	47.21	16.51
15062-0731 EA 2" Blind Plug, High Silicon Cast Iron Fitting, No Hub	55.75	18.43
15062-0732 EA 3" Blind Plug, High Silicon Cast Iron Fitting, No Hub	60.87	20.61
15062-0733 EA 4" Blind Plug, High Silicon Cast Iron Fitting, No Hub	78.19	24.64
15062-0734 P Trap, No Hub (15062-0621)		
15062-0735 EA 1-1/2" P-Trap, High Silicon Cast Iron Fitting, No Hub	189.68	32.78
15062-0736 EA 2" P-Trap, High Silicon Cast Iron Fitting, No Hub	195.82	36.87
15062-0737 EA 3" P-Trap, High Silicon Cast Iron Fitting, No Hub	241.68	41.21
15062-0738 EA 4" P-Trap, High Silicon Cast Iron Fitting, No Hub	308.16	49.28
15062-0739 EA 1-1/2" Running P-Trap, High Silicon Cast Iron Fitting, No Hub	262.69	35.26
15062-0740 EA 2" Running P-Trap, High Silicon Cast Iron Fitting, No Hub	360.72	39.35
15062-0741 EA 3" Running P-Trap, High Silicon Cast Iron Fitting, No Hub	436.15	43.45
15062-0742 EA 4" Running P-Trap, High Silicon Cast Iron Fitting, No Hub	542.29	51.76
15062-0743 Return Bend (15062-0621)		
15062-0744 EA 1-1/2" Return Bend, High Silicon Cast Iron Fitting, No Hub	137.72	33.14
15062-0745 EA 2" Return Bend, High Silicon Cast Iron Fitting, No Hub	179.54	37.24
15062-0746 Threaded Adapters (15062-0621)		
15062-0747 EA 1-1/2" x 1-1/2" Threaded Adapter Outlet X "Mechanical Joint"	70.96	24.83
15062-0748 EA 1-1/2" x 2" Threaded Adapter Outlet X "Mechanical Joint"	128.41	26.93
15062-0749 EA 2" X 2" Threaded Adapter Outlet X "Mechanical Joint"	95.27	31.03
15062-0750 Valves, Drains And Accessories, No Hub (15062-0615)		
15062-0751 Centrifugal Drum Traps, Swivel Type (15062-0750)		
15062-0752 EA 1-1/2" High Silicon Cast Iron Centrifugal Drum Trap, "P" Swivel Type	350.28	37.43
15062-0753 EA 2" High Silicon Cast Iron Centrifugal Drum Trap, "P" Swivel Type	551.15	41.40
15062-0754 EA 1-1/2" High Silicon Cast Iron Centrifugal Drum Trap, "S" Swivel Type	365.05	37.24
15062-0755 EA 2" High Silicon Cast Iron Centrifugal Drum Trap, "S" Swivel Type	551.15	41.40
15062-0756 P-Traps, Swivel Type (15062-0750)		
15062-0757 EA 1-1/2" "S" Swivel Trap, Long, High Silicon Cast Iron Fitting, No Hub	325.70	37.24
15062-0758 EA 2" "P" Swivel Trap, Short, High Silicon Cast Iron Fitting, No Hub	382.51	41.40
15062-0759 EA 1-1/2" "P" Swivel Trap, Long, High Silicon Cast Iron Fitting, No Hub	376.30	37.24
15062-0760 EA 1-1/2" "S" Swivel Trap, Long, High Silicon Cast Iron Fitting, No Hub	822.87	41.40
15062-0761 EA 2" "S" Swivel Trap, Long, High Silicon Cast Iron Fitting, No Hub	491.19	41.40
15062-0762 Adapter/Hub To Mechanical Joint (15062-0750)		
15062-0763 EA 1-1/2" x 1-1/2" Adapter/Hub To "Mechanical Joint"	131.68	35.32
15062-0764 EA 1-1/2" x 2" Adapter/Hub To "Mechanical Joint"	143.90	37.24
15062-0765 EA 1-1/2" x 3" Adapter/Hub To "Mechanical Joint"	160.12	39.29
15062-0766 EA 1-1/2" x 4" Adapter/Hub To "Mechanical Joint"	171.79	43.32
15062-0767 EA 2" x 2" Adapter/Hub To "Mechanical Joint"	160.15	39.35
15062-0768 EA 2" x 3" Adapter/Hub To "Mechanical Joint"	168.84	41.40
15062-0769 EA 2" x 4" Adapter/Hub To "Mechanical Joint"	182.38	45.37
15062-0770 EA 3" x 3" Adapter/Hub To "Mechanical Joint"	205.71	43.45
15062-0771 EA 4" x 4" Adapter/Hub To "Mechanical Joint"	253.74	51.76



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15062-0772	Mechanical Joint Couplings, No Hub <small>(15062-0750)</small>			
15062-0773	EA 1-1/2" "Mechanical Joint" Coupling.....	44.97		
15062-0774	EA 2" "Mechanical Joint" Coupling.....	52.47		
15062-0775	EA 3" "Mechanical Joint" Coupling.....	56.22		
15062-0776	EA 4" "Mechanical Joint" Coupling.....	61.84		
15062-0777	Mechanical Joint To Lead Adapter <small>(15062-0750)</small>			
15062-0778	EA 1-1/2" "Mechanical Joint" To Lead Adapter.....	74.42		24.64
15062-0779	EA 2" "Mechanical Joint" To Lead Adapter.....	85.31		26.93
15062-0780	Other High Silicon Fittings <small>(15062-0750)</small>			
15062-0781	EA Sink Outlet, High Silicon Cast Iron Fitting, No Hub.....	334.02		16.57
15062-0782	EA Stopper, High Silicon Cast Iron Fitting, No Hub.....	126.72		8.25
15062-0783	EA Overflow, High Silicon Cast Iron Fitting, No Hub.....	235.40		8.25
15062-0784	Floor Drains With Stainless Steel Strainer Plates <small>(15062-0750)</small>			
15062-0785	EA 2" Floor Drain With Stainless Steel Strainer, High Silicon Cast Iron Fitting, No Hub.....	952.93		74.54
15062-0786	EA 3" Floor Drain With Stainless Steel Strainer, High Silicon Cast Iron Fitting, No Hub.....	965.35		82.79
15062-0787	EA 4" Floor Drain With Stainless Steel Strainer, High Silicon Cast Iron Fitting, No Hub.....	990.18		99.37
15062-0788	EA 2" Floor Drain With Stainless Steel Strainer And Bucket, High Silicon Cast Iron Fitting, No Hub.....	1,173.12		78.63
15062-0789	EA 3" Floor Drain With Stainless Steel Strainer And Bucket, High Silicon Cast Iron Fitting, No Hub.....	1,185.52		86.96
15062-0790	EA 4" Floor Drain With Stainless Steel Strainer And Bucket, High Silicon Cast Iron Fitting, No Hub.....	1,210.35		103.46
15062-0791	EA Funnel Attachment, Stainless Steel.....	777.42		8.25
15063	Copper Pipe <small>(15050)</small>			
15063-0001	Copper Pipe <small>(15063)</small>			
	Note: Excludes hangers or fittings (couplers, tees, elbows, etc). See CSI section 15063-0500 for pipe with fittings assembly.			
15063-0002	Type L Copper Pipe, Hard <small>(15063-0001)</small>			
	Note: Pipe based on inside diameter size. Excludes hangers fittings (couplers, tees, elbows, etc).			
15063-0003	LF 1/4" Inside Diameter Copper Pipe/Tubing Type L.....	3.31		1.51
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-0.26		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	0.33		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	0.59		
	15MOD-0094 For Work In Restricted Working Space, Add.....	0.68		
15063-0004	LF 3/8" Inside Diameter Copper Pipe/Tubing Type L.....	3.94		1.57
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-0.34		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	0.44		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	0.79		
	15MOD-0094 For Work In Restricted Working Space, Add.....	0.71		
15063-0005	LF 1/2" Inside Diameter Copper Pipe/Tubing Type L.....	4.40		1.64
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-0.39		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	0.52		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	0.92		
	15MOD-0094 For Work In Restricted Working Space, Add.....	0.74		
15063-0006	LF 3/4" Inside Diameter Copper Pipe/Tubing Type L.....	5.59		1.74
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-0.55		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	0.74		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	1.30		
	15MOD-0094 For Work In Restricted Working Space, Add.....	0.79		
15063-0007	LF 1" Inside Diameter Copper Pipe/Tubing Type L.....	7.20		1.97
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-0.74		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	1.02		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	1.79		
	15MOD-0094 For Work In Restricted Working Space, Add.....	0.88		
15063-0008	LF 1-1/4" Inside Diameter Copper Pipe/Tubing Type L.....	10.35		2.92
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-1.05		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	1.44		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	2.53		
	15MOD-0087 For DWV Instead Of Type L, Deduct.....	-0.72		
	15MOD-0094 For Work In Restricted Working Space, Add.....	1.31		
15063-0009	LF 1-1/2" Inside Diameter Copper Pipe/Tubing Type L.....	13.29		3.26
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-1.42		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	1.97		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	3.43		
	15MOD-0087 For DWV Instead Of Type L, Deduct.....	-1.01		
	15MOD-0094 For Work In Restricted Working Space, Add.....	1.46		
15063-0010	LF 2" Inside Diameter Copper Pipe/Tubing Type L.....	23.55		4.02
	15MOD-0084 For Type M Tubing Instead Of Type L, Deduct.....	-2.76		
	15MOD-0085 For Type K Tubing Instead Of Type L, Add.....	3.89		
	15MOD-0086 For Type K Oxygen Service Tubing Instead Of Type L, Add.....	6.74		
	15MOD-0087 For DWV Instead Of Type L, Deduct.....	-2.10		
	15MOD-0094 For Work In Restricted Working Space, Add.....	1.81		

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0011	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L.....	39.28	5.02
	15MOD-0084	For Type M Tubing Instead Of Type L, Deduct	-4.14	
	15MOD-0085	For Type K Tubing Instead Of Type L, Add	5.72	
	15MOD-0086	For Type K Oxygen Service Tubing Instead Of Type L, Add	9.99	
	15MOD-0087	For DWV Instead Of Type L, Deduct	-2.91	
	15MOD-0094	For Work In Restricted Working Space, Add	4.52	
15063-0012	LF	3" Inside Diameter Copper Pipe/Tubing Type L.....	46.81	5.57
	15MOD-0084	For Type M Tubing Instead Of Type L, Deduct	-5.05	
	15MOD-0085	For Type K Tubing Instead Of Type L, Add	7.01	
	15MOD-0086	For Type K Oxygen Service Tubing Instead Of Type L, Add	12.21	
	15MOD-0087	For DWV Instead Of Type L, Deduct	-3.61	
	15MOD-0094	For Work In Restricted Working Space, Add	5.01	
15063-0013	LF	4" Inside Diameter Copper Pipe/Tubing Type L.....	67.07	6.28
	15MOD-0084	For Type M Tubing Instead Of Type L, Deduct	-7.70	
	15MOD-0085	For Type K Tubing Instead Of Type L, Add	10.83	
	15MOD-0086	For Type K Oxygen Service Tubing Instead Of Type L, Add	18.77	
	15MOD-0087	For DWV Instead Of Type L, Deduct	-5.79	
	15MOD-0094	For Work In Restricted Working Space, Add	5.65	
15063-0014	LF	5" Inside Diameter Copper Pipe/Tubing Type L.....	155.21	7.21
	15MOD-0084	For Type M Tubing Instead Of Type L, Deduct	-19.78	
	15MOD-0085	For Type K Tubing Instead Of Type L, Add	28.47	
	15MOD-0086	For Type K Oxygen Service Tubing Instead Of Type L, Add	48.92	
	15MOD-0087	For DWV Instead Of Type L, Deduct	-16.03	
	15MOD-0094	For Work In Restricted Working Space, Add	6.49	
15063-0015	LF	6" Inside Diameter Copper Pipe/Tubing Type L.....	185.51	11.18
	15MOD-0084	For Type M Tubing Instead Of Type L, Deduct	-22.96	
	15MOD-0085	For Type K Tubing Instead Of Type L, Add	32.84	
	15MOD-0086	For Type K Oxygen Service Tubing Instead Of Type L, Add	56.55	
	15MOD-0087	For DWV Instead Of Type L, Deduct	-18.24	
	15MOD-0094	For Work In Restricted Working Space, Add	10.05	
15063-0016	LF	8" Inside Diameter Copper Pipe/Tubing Type L.....	312.09	12.43
	15MOD-0084	For Type M Tubing Instead Of Type L, Deduct	-40.34	
	15MOD-0085	For Type K Tubing Instead Of Type L, Add	58.20	
	15MOD-0086	For Type K Oxygen Service Tubing Instead Of Type L, Add	99.92	
	15MOD-0087	For DWV Instead Of Type L, Deduct	-32.98	
	15MOD-0094	For Work In Restricted Working Space, Add	11.18	
15063-0017		Type L Copper Tubing, Soft <small>(15063-0001)</small>		
15063-0018	LF	1/4" Inside Diameter Type L Copper Tubing.....	3.39	0.17
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	0.17	
	15MOD-0094	For Work In Restricted Working Space, Add	0.68	
15063-0019	LF	3/8" Inside Diameter Type L Copper Tubing.....	4.11	1.57
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	0.27	
	15MOD-0094	For Work In Restricted Working Space, Add	0.71	
15063-0020	LF	1/2" Inside Diameter Type L Copper Tubing.....	4.74	1.64
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	0.35	
	15MOD-0094	For Work In Restricted Working Space, Add	0.74	
15063-0021	LF	3/4" Inside Diameter Type L Copper Tubing.....	6.09	1.74
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	0.54	
	15MOD-0094	For Work In Restricted Working Space, Add	0.79	
15063-0022	LF	1" Inside Diameter Type L Copper Tubing.....	7.92	1.97
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	0.78	
	15MOD-0094	For Work In Restricted Working Space, Add	0.88	
15063-0023	LF	1-1/4" Inside Diameter Type L Copper Tubing.....	11.93	2.92
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	1.18	
	15MOD-0094	For Work In Restricted Working Space, Add	1.31	
15063-0024	LF	1-1/2" Inside Diameter Type L Copper Tubing.....	14.56	3.26
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	1.51	
	15MOD-0094	For Work In Restricted Working Space, Add	1.46	
15063-0025	LF	2" Inside Diameter Type L Copper Tubing.....	21.86	4.02
	15MOD-0088	For Type K Soft Tubing Instead Of Type L, Add	2.47	
	15MOD-0094	For Work In Restricted Working Space, Add	1.81	
15063-0026		Copper Pipe Fittings <small>(15063)</small>		
15063-0027		Copper Fittings <small>(15063-0026)</small>		
		Note: All fittings are based on 95/5 solder.		
15063-0028		90 Degree Elbows <small>(15063-0027)</small>		
15063-0029	EA	1/4" Or 3/8" 90 Degree Elbow, Copper.....	16.25	8.96
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	2.16	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.49	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	2.02	
	15MOD-0092	For Street Fitting, Add	1.11	
	15MOD-0094	For Work In Restricted Working Space, Add	4.04	
15063-0030	EA	1/2" 90 Degree Elbow, Copper.....	23.20	14.83
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	3.39	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.27	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	3.34	
	15MOD-0092	For Street Fitting, Add	0.38	
	15MOD-0094	For Work In Restricted Working Space, Add	6.68	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0031	EA 3/4" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0092 For Street Fitting, Add 15MOD-0094 For Work In Restricted Working Space, Add	29.69 4.25 -2.87 4.15 0.82 8.29	18.47
15063-0032	EA 1" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0092 For Street Fitting, Add 15MOD-0094 For Work In Restricted Working Space, Add	38.11 5.21 -3.56 4.95 2.03 9.91	22.05
15063-0033	EA 1-1/4" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0092 For Street Fitting, Add 15MOD-0094 For Work In Restricted Working Space, Add	43.43 5.74 -3.96 5.36 3.08 10.72	23.86
15063-0034	EA 1-1/2" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0092 For Street Fitting, Add 15MOD-0094 For Work In Restricted Working Space, Add	51.09 6.46 -4.51 5.87 4.80 11.73	26.09
15063-0035	EA 2" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0092 For Street Fitting, Add 15MOD-0094 For Work In Restricted Working Space, Add	65.63 7.66 -5.47 6.57 8.72 13.15	29.26
15063-0036	EA 2-1/2" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	86.26 8.78 -6.55 6.70 13.41	29.79
15063-0037	EA 3" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	111.63 10.92 -8.25 8.01 16.01	35.63
15063-0038	EA 4" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	224.95 18.82 -15.03 11.36 22.72	50.52
15063-0039	EA 5" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	652.88 43.01 -37.83 15.55 31.10	69.14
15063-0040	EA 6" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	918.03 60.98 -53.44 22.62 45.25	100.61
15063-0041	EA 8" 90 Degree Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	1,850.13 112.62 -102.56 30.16 60.33	134.13
15063-0042	EA 1/2" 90 Degree Drop Ear Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	28.71 3.66 -2.55 3.34 6.68	14.83
15063-0043	EA 3/4" 90 Degree Drop Ear Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	34.10 4.47 -3.09 4.15 8.29	18.47
15063-0044	EA 1" 90 Degree Drop Ear Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	51.59 5.88 -4.23 4.95 9.91	22.05
15063-0045	EA 1/2" 90 Degree Flanged Sink Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	28.17 3.63 -2.52 3.34 6.68	14.83
15063-0046	EA 3/4" 90 Degree Flanged Sink Elbow, Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	39.71 4.75 -3.37 4.15 8.29	18.47

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0047		45 Degree Elbows <small>(15063-0027)</small>		
15063-0048	EA	1/4" Or 3/8" 45 Degree Elbow, Copper	17.89	8.96
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	2.24	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.57	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	2.02	
	15MOD-0093	For Street Fitting, Add	1.76	
	15MOD-0094	For Work In Restricted Working Space, Add	4.04	
15063-0049	EA	1/2" 45 Degree Elbow, Copper	23.94	14.83
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	3.42	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.31	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	3.34	
	15MOD-0093	For Street Fitting, Add	0.68	
	15MOD-0094	For Work In Restricted Working Space, Add	6.68	
15063-0050	EA	3/4" 45 Degree Elbow, Copper	30.60	18.47
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	4.29	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.91	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	4.15	
	15MOD-0093	For Street Fitting, Add	1.18	
	15MOD-0094	For Work In Restricted Working Space, Add	8.29	
15063-0051	EA	1" 45 Degree Elbow, Copper	40.47	22.05
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	5.33	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.68	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	4.95	
	15MOD-0093	For Street Fitting, Add	2.98	
	15MOD-0094	For Work In Restricted Working Space, Add	9.91	
15063-0052	EA	1-1/4" 45 Degree Elbow, Copper	45.79	23.86
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	5.86	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.08	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	5.36	
	15MOD-0093	For Street Fitting, Add	4.02	
	15MOD-0094	For Work In Restricted Working Space, Add	10.72	
15063-0053	EA	1-1/2" 45 Degree Elbow, Copper	51.19	26.09
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	6.47	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.51	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	5.87	
	15MOD-0093	For Street Fitting, Add	4.84	
	15MOD-0094	For Work In Restricted Working Space, Add	11.73	
15063-0054	EA	2" 45 Degree Elbow, Copper	64.08	29.26
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	7.59	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.40	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	6.57	
	15MOD-0094	For Work In Restricted Working Space, Add	13.15	
15063-0055	EA	2-1/2" 45 Degree Elbow, Copper	87.81	29.79
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	8.86	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.63	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	6.70	
	15MOD-0094	For Work In Restricted Working Space, Add	13.41	
15063-0056	EA	3" 45 Degree Elbow, Copper	117.35	35.63
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	11.20	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.54	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	8.01	
	15MOD-0094	For Work In Restricted Working Space, Add	16.01	
15063-0057	EA	4" 45 Degree Elbow, Copper	212.03	50.52
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	18.17	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-14.39	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	11.36	
	15MOD-0094	For Work In Restricted Working Space, Add	22.72	
15063-0058	EA	5" 45 Degree Elbow, Copper	630.57	69.14
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	41.89	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-36.71	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	15.55	
	15MOD-0094	For Work In Restricted Working Space, Add	31.10	
15063-0059	EA	6" 45 Degree Elbow, Copper	942.06	100.61
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	62.19	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-54.64	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	22.62	
	15MOD-0094	For Work In Restricted Working Space, Add	45.25	
15063-0060	EA	8" 45 Degree Elbow, Copper	1,679.06	134.13
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	104.06	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-94.01	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	30.16	
	15MOD-0094	For Work In Restricted Working Space, Add	60.33	
15063-0061		Straight Sweat Copper Tees <small>(15063-0027)</small>		
15063-0062	EA	1/4" Copper Tee - Straight Sweat	22.28	10.79
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	2.73	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.92	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	2.43	
	15MOD-0094	For Work In Restricted Working Space, Add	4.85	
15063-0063	EA	3/8" Copper Tee - Straight Sweat	28.97	16.18
	15MOD-0089	For Silver Solder Instead Of 95/5 Solder, Add	3.88	
	15MOD-0090	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.66	
	15MOD-0091	For Brazed Fittings Instead Of 95/5 Solder, Add	3.64	
	15MOD-0094	For Work In Restricted Working Space, Add	7.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0064 EA 1/2" Copper Tee - Straight Sweat.....	35.25	22.51
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.13	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.45	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
15MOD-0094 For Work In Restricted Working Space, Add	10.11	
15063-0065 EA 3/4" Copper Tee - Straight Sweat.....	45.61	27.91
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	6.46	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.37	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	6.27	
15MOD-0094 For Work In Restricted Working Space, Add	12.54	
15063-0066 EA 1" Copper Tee - Straight Sweat.....	61.62	33.30
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	8.07	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.58	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.48	
15MOD-0094 For Work In Restricted Working Space, Add	14.97	
15063-0067 EA 1-1/4" Copper Tee - Straight Sweat.....	71.74	36.00
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	8.98	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.28	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	8.09	
15MOD-0094 For Work In Restricted Working Space, Add	16.18	
15063-0068 EA 1-1/2" Copper Tee - Straight Sweat.....	83.37	39.10
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	10.03	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.10	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	8.80	
15MOD-0094 For Work In Restricted Working Space, Add	17.60	
15063-0069 EA 2" Copper Tee - Straight Sweat.....	104.59	44.09
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	11.84	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.53	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	9.91	
15MOD-0094 For Work In Restricted Working Space, Add	19.82	
15063-0070 EA 2-1/2" Copper Tee - Straight Sweat.....	144.81	44.69
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	13.94	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.59	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	10.05	
15MOD-0094 For Work In Restricted Working Space, Add	20.11	
15063-0071 EA 3" Copper Tee - Straight Sweat.....	199.35	53.81
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	18.04	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-14.00	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	12.10	
15MOD-0094 For Work In Restricted Working Space, Add	24.20	
15063-0072 EA 4" Copper Tee - Straight Sweat.....	399.59	75.35
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	31.28	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-25.63	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	16.94	
15MOD-0094 For Work In Restricted Working Space, Add	33.89	
15063-0073 EA 5" Copper Tee - Straight Sweat.....	1,047.05	103.09
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	67.81	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-60.08	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	23.18	
15MOD-0094 For Work In Restricted Working Space, Add	46.37	
15063-0074 EA 6" Copper Tee - Straight Sweat.....	1,446.87	151.13
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	95.00	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-83.67	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	33.98	
15MOD-0094 For Work In Restricted Working Space, Add	67.96	
15063-0075 EA 8" Copper Tee - Straight Sweat.....	2,923.85	201.21
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	176.36	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-161.27	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	45.25	
15MOD-0094 For Work In Restricted Working Space, Add	90.49	
15063-0076 EA 1/2" Drop Ear Copper Tee - Straight Sweat.....	23.99	9.10
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.02	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.11	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.73	
15MOD-0094 For Work In Restricted Working Space, Add	5.47	
15063-0077 Reducing Sweat Copper Tees <small>(15063-0027)</small>		
15063-0078 EA 3/8" Copper Tee Reducing Sweat.....	30.85	14.36
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.70	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.62	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.24	
15MOD-0094 For Work In Restricted Working Space, Add	6.47	
15063-0079 EA 1/2" Copper Tee Reducing Sweat.....	38.42	20.22
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	4.96	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.44	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.55	
15MOD-0094 For Work In Restricted Working Space, Add	9.10	
15063-0080 EA 3/4" Copper Tee Reducing Sweat.....	42.79	26.09
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	6.05	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.09	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.87	
15MOD-0094 For Work In Restricted Working Space, Add	11.73	

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15050 Basic Materials And Methods
15063 Copper Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0081 EA 1" Copper Tee Reducing Sweat.....	58.92	31.49
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	7.67	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.31	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.08	
15MOD-0094 For Work In Restricted Working Space, Add	14.16	
15063-0082 EA 1-1/4" Copper Tee Reducing Sweat.....	68.57	34.18
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	8.55	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.99	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.69	
15MOD-0094 For Work In Restricted Working Space, Add	15.37	
15063-0083 EA 1-1/2" Copper Tee Reducing Sweat.....	74.36	37.34
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	9.31	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.52	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	8.39	
15MOD-0094 For Work In Restricted Working Space, Add	16.79	
15063-0084 EA 2" Copper Tee Reducing Sweat.....	91.78	41.80
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	10.86	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.72	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	9.41	
15MOD-0094 For Work In Restricted Working Space, Add	18.81	
15063-0085 EA 2-1/2" Copper Tee Reducing Sweat.....	155.18	43.08
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	14.21	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.99	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	9.68	
15MOD-0094 For Work In Restricted Working Space, Add	19.37	
15063-0086 EA 3" Copper Tee Reducing Sweat.....	174.27	49.65
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	16.16	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.44	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	11.17	
15MOD-0094 For Work In Restricted Working Space, Add	22.34	
15063-0087 Couplings <small>(15063-0027)</small>		
15063-0088 EA 1/4" Straight Copper Coupling.....	11.48	7.21
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	1.65	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.11	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	1.62	
15MOD-0094 For Work In Restricted Working Space, Add	3.24	
15063-0089 EA 3/8" Straight Copper Coupling.....	17.09	10.79
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.47	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.66	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.43	
15MOD-0094 For Work In Restricted Working Space, Add	4.85	
15063-0090 EA 1/2" Straight Copper Coupling.....	23.13	14.83
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.38	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.27	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.34	
15MOD-0094 For Work In Restricted Working Space, Add	6.68	
15063-0091 EA 3/4" Straight Copper Coupling.....	29.02	18.47
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	4.22	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.83	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.15	
15MOD-0094 For Work In Restricted Working Space, Add	8.29	
15063-0092 EA 1" Straight Copper Coupling.....	35.87	22.05
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.10	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.45	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.95	
15MOD-0094 For Work In Restricted Working Space, Add	9.91	
15063-0093 EA 1-1/4" Straight Copper Coupling.....	40.71	23.86
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.61	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.82	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.36	
15MOD-0094 For Work In Restricted Working Space, Add	10.72	
15063-0094 EA 1-1/2" Straight Copper Coupling.....	45.68	26.09
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	6.19	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.24	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.87	
15MOD-0094 For Work In Restricted Working Space, Add	11.73	
15063-0095 EA 2" Straight Copper Coupling.....	54.76	28.99
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	7.12	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.93	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	6.57	
15MOD-0094 For Work In Restricted Working Space, Add	13.15	
15063-0096 EA 2-1/2" Straight Copper Coupling.....	65.48	28.18
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	7.50	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.38	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	6.33	
15MOD-0094 For Work In Restricted Working Space, Add	12.66	
15063-0097 EA 3" Straight Copper Coupling.....	85.86	34.14
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	9.38	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.84	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.63	
15MOD-0094 For Work In Restricted Working Space, Add	15.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0098 EA 4" Straight Copper Coupling	138.16	45.93
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	13.74	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.32	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	10.24	
15MOD-0094 For Work In Restricted Working Space, Add	20.48	
15063-0099 EA 5" Straight Copper Coupling	256.44	83.79
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	22.13	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-17.48	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	13.97	
15MOD-0094 For Work In Restricted Working Space, Add	27.93	
15063-0100 EA 6" Straight Copper Coupling	392.29	91.05
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	33.27	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-26.44	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	20.48	
15MOD-0094 For Work In Restricted Working Space, Add	40.97	
15063-0101 EA 8" Straight Copper Coupling	641.31	120.72
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	50.19	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-41.13	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	27.18	
15MOD-0094 For Work In Restricted Working Space, Add	54.37	
15063-0102 Reducing Couplings (15063-0027)		
15063-0103 EA 3/8" Reducing Copper Coupling	15.51	8.96
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.12	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.45	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.02	
15MOD-0094 For Work In Restricted Working Space, Add	4.04	
15063-0104 EA 1/2" Reducing Copper Coupling	20.89	12.80
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.97	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.01	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.88	
15MOD-0094 For Work In Restricted Working Space, Add	5.77	
15063-0105 EA 3/4" Reducing Copper Coupling	27.47	16.66
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.87	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.62	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.74	
15MOD-0094 For Work In Restricted Working Space, Add	7.48	
15063-0106 EA 1" Reducing Copper Coupling	34.39	20.22
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	4.75	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.24	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.55	
15MOD-0094 For Work In Restricted Working Space, Add	9.10	
15063-0107 EA 1-1/4" Reducing Copper Coupling	41.39	22.92
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.51	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.79	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.16	
15MOD-0094 For Work In Restricted Working Space, Add	10.31	
15063-0108 EA 1-1/2" Reducing Copper Coupling	46.66	24.94
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	6.07	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.20	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.61	
15MOD-0094 For Work In Restricted Working Space, Add	11.22	
15063-0109 EA 2" Reducing Copper Coupling	58.79	27.64
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	7.09	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.01	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	6.22	
15MOD-0094 For Work In Restricted Working Space, Add	12.44	
15063-0110 EA 2-1/2" Reducing Copper Coupling	77.72	28.37
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	8.14	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.01	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	6.38	
15MOD-0094 For Work In Restricted Working Space, Add	12.75	
15063-0111 EA 3" Reducing Copper Coupling	94.06	32.90
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	9.61	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.15	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.35	
15MOD-0094 For Work In Restricted Working Space, Add	14.71	
15063-0112 EA 4" Reducing Copper Coupling	152.97	43.08
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	14.10	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.88	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	9.68	
15MOD-0094 For Work In Restricted Working Space, Add	19.37	
15063-0113 EA 5" Reducing Copper Coupling	275.93	60.01
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	22.80	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-18.30	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	13.50	
15MOD-0094 For Work In Restricted Working Space, Add	27.00	
15063-0114 EA 6" Reducing Copper Coupling	438.07	80.68
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	34.01	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-27.95	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	18.15	
15MOD-0094 For Work In Restricted Working Space, Add	36.31	

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15063-0115 EA 8" Reducing Copper Coupling.....	698.32	117.57
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	52.54	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-43.73	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	26.44	
15MOD-0094 For Work In Restricted Working Space, Add	52.88	
15063-0116 Male Adapters (15063-0027)		
15063-0117 EA 1/4" Copper Adapter, Male.....	20.27	8.76
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.36	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.69	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.02	
15MOD-0094 For Work In Restricted Working Space, Add	4.04	
15063-0118 EA 3/8" Copper Adapter, Male.....	20.95	10.79
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.67	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.86	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.43	
15MOD-0094 For Work In Restricted Working Space, Add	4.85	
15063-0119 EA 1/2" Copper Adapter, Male.....	22.17	13.48
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.13	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.12	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.03	
15MOD-0094 For Work In Restricted Working Space, Add	6.07	
15063-0120 EA 3/4" Copper Adapter, Male.....	28.16	16.86
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.90	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.66	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.74	
15MOD-0094 For Work In Restricted Working Space, Add	7.48	
15063-0121 EA 1" Copper Adapter, Male.....	37.38	19.55
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	4.77	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.32	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.35	
15MOD-0094 For Work In Restricted Working Space, Add	8.70	
15063-0122 EA 1-1/4" Copper Adapter, Male.....	46.05	22.25
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.67	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.99	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
15MOD-0094 For Work In Restricted Working Space, Add	10.11	
15063-0123 EA 1-1/2" Copper Adapter, Male.....	52.60	25.62
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	6.47	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.55	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.76	
15MOD-0094 For Work In Restricted Working Space, Add	11.53	
15063-0124 EA 2" Copper Adapter, Male.....	73.24	32.70
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	8.58	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.12	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.38	
15MOD-0094 For Work In Restricted Working Space, Add	14.76	
15063-0125 EA 2-1/2" Copper Adapter, Male.....	140.03	42.48
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	13.34	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.17	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	9.51	
15MOD-0094 For Work In Restricted Working Space, Add	19.01	
15063-0126 Female Adapters (15063-0027)		
15063-0127 EA 3/8" Copper Adapter, Female.....	22.59	10.79
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.75	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.94	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.43	
15MOD-0094 For Work In Restricted Working Space, Add	4.85	
15063-0128 EA 1/2" Copper Adapter, Female.....	23.27	13.48
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.19	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.17	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.03	
15MOD-0094 For Work In Restricted Working Space, Add	6.07	
15063-0129 EA 3/4" Copper Adapter, Female.....	29.14	16.86
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	3.95	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.70	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.74	
15MOD-0094 For Work In Restricted Working Space, Add	7.48	
15063-0130 EA 1" Copper Adapter, Female.....	38.72	19.55
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	4.84	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.39	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.35	
15MOD-0094 For Work In Restricted Working Space, Add	8.70	
15063-0131 EA 1-1/4" Copper Adapter, Female.....	47.88	22.25
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.76	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.08	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.06	
15MOD-0094 For Work In Restricted Working Space, Add	10.11	
15063-0132 EA 1-1/2" Copper Adapter, Female.....	60.66	25.62
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	6.88	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.95	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.76	
15MOD-0094 For Work In Restricted Working Space, Add	11.53	



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15063-0133	EA 2" Copper Adapter, Female 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	79.37 8.89 -6.43 7.38 14.76	32.70
15063-0134	EA 2-1/2" Copper Adapter, Female 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	149.81 13.32 -10.41 8.75 17.50	39.10
15063-0135	EA 3" Copper Adapter, Female 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	216.01 19.24 -15.02 12.66 25.32	56.63
15063-0136	Straight Copper To Copper Unions <small>(15063-0027)</small>		
15063-0137	EA 1/4" Or 3/8" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	28.32 3.37 -2.39 2.93 5.87	13.02
15063-0138	EA 1/2" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	30.25 3.94 -2.73 3.64 7.28	16.18
15063-0139	EA 3/4" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	35.48 4.54 -3.16 4.15 8.29	18.47
15063-0140	EA 1" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	46.69 5.64 -3.99 4.95 9.91	22.05
15063-0141	EA 1-1/4" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	58.58 6.57 -4.75 5.46 10.92	24.27
15063-0142	EA 1-1/2" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	72.54 7.67 -5.65 6.07 12.14	26.97
15063-0143	EA 2" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	102.50 9.98 -7.55 7.28 14.56	32.36
15063-0144	EA 2-1/2" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	194.68 15.07 -12.40 8.01 16.01	35.63
15063-0145	EA 3" Copper Union, Straight, Copper To Copper 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	441.09 29.63 -25.84 11.36 22.72	50.52
15063-0146	Caps, Copper - Sweat <small>(15063-0027)</small>		
15063-0147	EA 1/4" Or 3/8" Cap, Copper, Sweat 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	3.65 0.44 -0.31 0.38 0.76	1.70
15063-0148	EA 1/2" Cap, Copper, Sweat 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	3.53 0.46 -0.32 0.43 0.86	1.94
15063-0149	EA 3/4" Cap, Copper, Sweat 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	4.76 0.60 -0.42 0.54 1.08	2.42
15063-0150	EA 1" Cap, Copper, Sweat 15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add 15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct 15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add 15MOD-0094 For Work In Restricted Working Space, Add	7.36 0.82 -0.60 0.68 1.37	3.07

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15063-0151 EA 1-1/4" Cap, Copper, Sweat	10.20	4.20
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	1.13	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-0.82	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	0.94	
15MOD-0094 For Work In Restricted Working Space, Add	1.87	
15063-0152 EA 1-1/2" Cap, Copper, Sweat	13.12	4.95
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	1.39	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.02	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	1.10	
15MOD-0094 For Work In Restricted Working Space, Add	2.20	
15063-0153 EA 2" Cap, Copper, Sweat	26.98	11.02
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	2.98	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.17	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	2.45	
15MOD-0094 For Work In Restricted Working Space, Add	4.90	
15063-0154 EA 2-1/2" Cap, Copper, Sweat	58.97	16.76
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	5.43	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.19	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	3.72	
15MOD-0094 For Work In Restricted Working Space, Add	7.45	
15063-0155 EA 3" Cap, Copper, Sweat	79.37	21.99
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	7.23	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.60	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	4.89	
15MOD-0094 For Work In Restricted Working Space, Add	9.77	
15063-0156 EA 4" Cap, Copper, Sweat	127.09	26.19
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	10.23	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.29	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	5.82	
15MOD-0094 For Work In Restricted Working Space, Add	11.64	
15063-0157 EA 6" Cap, Copper, Sweat	458.44	46.55
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	29.82	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-26.37	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	10.34	
15MOD-0094 For Work In Restricted Working Space, Add	20.69	
15063-0158 EA 8" Cap, Copper, Sweat	823.70	67.03
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	51.12	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-46.15	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	14.90	
15MOD-0094 For Work In Restricted Working Space, Add	29.79	
15063-0159 Crosses - Sweat (15063-0027)		
15063-0160 EA 1/2" Cross, Copper, Sweat	58.93	33.14
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	7.91	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.43	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.45	
15MOD-0094 For Work In Restricted Working Space, Add	14.90	
15063-0161 EA 3/4" Cross, Copper, Sweat	70.74	35.19
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	8.81	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.18	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	7.91	
15MOD-0094 For Work In Restricted Working Space, Add	15.83	
15063-0162 EA 1" Cross, Copper, Sweat	92.61	41.40
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	10.84	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.73	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	9.31	
15MOD-0094 For Work In Restricted Working Space, Add	18.62	
15063-0163 EA 1-1/4" Cross, Copper, Sweat	108.75	44.69
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	12.14	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.79	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	10.05	
15MOD-0094 For Work In Restricted Working Space, Add	20.11	
15063-0164 EA 1-1/2" Cross, Copper, Sweat	140.38	51.76
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	14.78	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.90	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	11.64	
15MOD-0094 For Work In Restricted Working Space, Add	23.28	
15063-0165 EA 2" Cross, Copper, Sweat	207.05	60.01
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	19.35	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-14.85	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	13.50	
15MOD-0094 For Work In Restricted Working Space, Add	27.00	
15063-0166 EA 2-1/2" Cross, Copper, Sweat	379.80	101.41
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	34.20	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-26.59	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	22.81	
15MOD-0094 For Work In Restricted Working Space, Add	45.62	
15063-0167 EA 3" Cross, Copper, Sweat	543.94	120.04
15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	45.20	
15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-36.20	
15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	27.00	
15MOD-0094 For Work In Restricted Working Space, Add	54.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0168	EA 4" Cross, Copper, Sweat	1,360.35	140.77
	15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	89.12	
	15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-78.57	
	15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	31.65	
	15MOD-0094 For Work In Restricted Working Space, Add	63.31	
15063-0169	EA 5" Cross, Copper, Sweat	3,878.94	176.89
	15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	220.02	
	15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-206.98	
	15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	39.10	
	15MOD-0094 For Work In Restricted Working Space, Add	78.20	
15063-0170	EA 6" Cross, Copper, Sweat	4,269.13	206.99
	15MOD-0089 For Silver Solder Instead Of 95/5 Solder, Add	244.49	
	15MOD-0090 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-228.97	
	15MOD-0091 For Brazed Fittings Instead Of 95/5 Solder, Add	46.55	
	15MOD-0094 For Work In Restricted Working Space, Add	93.10	
15063-0171	Cut And Prepare Existing Pipe In-Place (15063-0026)		
15063-0172	EA Cut And Prepare Up To 1/2" Copper Pipe	6.74	
15063-0173	EA Cut And Prepare 3/4" Copper Pipe	7.28	
15063-0174	EA Cut And Prepare 1" Copper Pipe	8.19	
15063-0175	EA Cut And Prepare 1-1/4" Copper Pipe	8.60	
15063-0176	EA Cut And Prepare 1-1/2" Copper Pipe	9.10	
15063-0177	EA Cut And Prepare 2" Copper Pipe	10.01	
15063-0178	EA Cut And Prepare 2-1/2" Copper Pipe	10.79	
15063-0179	EA Cut And Prepare 3" Copper Pipe	12.74	
15063-0180	EA Cut And Prepare 4" Copper Pipe	17.19	
15063-0181	EA Cut And Prepare 6" Copper Pipe	24.57	
15063-0182	EA Cut And Prepare 8" Copper Pipe	32.77	
15063-0183	Copper - Sweat Companion Flanges (15063-0026)		
15063-0184	EA 1" Copper Flange, Sweat	47.44	10.36
15063-0185	EA 1-1/4" Copper Flange, Sweat	51.73	11.42
15063-0186	EA 1-1/2" Copper Flange, Sweat	76.40	12.41
15063-0187	EA 2" Copper Flange, Sweat	104.03	13.78
15063-0188	EA 2-1/2" Copper Flange, Sweat	132.08	16.57
15063-0189	EA 3" Copper Flange, Sweat	143.57	21.72
15063-0190	EA 4" Copper Flange, Sweat	193.67	25.89
15063-0191	EA 5" Copper Flange, Sweat	367.09	32.36
15063-0192	EA 6" Copper Flange, Sweat	415.79	47.03
15063-0193	EA 8" Copper Flange, Sweat	991.87	67.08
15063-0194	Brass Compression Fittings (15063-0026)		
15063-0195	Unions (15063-0194)		
15063-0196	EA 1/4" Union Brass Compression Fitting	14.29	7.28
15063-0197	EA 3/8" Union Brass Compression Fitting	14.91	7.28
15063-0198	EA 1/2" Union Brass Compression Fitting	16.76	7.28
15063-0199	EA 5/8" Union Brass Compression Fitting	18.72	7.28
15063-0200	EA 3/4" Union Brass Compression Fitting	14.21	7.28
15063-0201	Union Elbows (15063-0194)		
15063-0202	EA 1/4" Union Elbow Brass Compression Fitting	14.40	7.28
15063-0203	EA 3/8" Union Elbow Brass Compression Fitting	14.71	7.28
15063-0204	EA 1/2" Union Elbow Brass Compression Fitting	17.12	7.28
15063-0205	EA 5/8" Union Elbow Brass Compression Fitting	18.30	7.28
15063-0206	EA 3/4" Union Elbow Brass Compression Fitting	31.82	7.28
15063-0207	Union Tees (15063-0194)		
15063-0208	EA 1/4" Union Tee Brass Compression Fitting	14.52	7.28
15063-0209	EA 3/8" Union Tee Brass Compression Fitting	15.86	7.28
15063-0210	EA 1/2" Union Tee Brass Compression Fitting	19.26	7.28
15063-0211	EA 5/8" Union Tee Brass Compression Fitting	22.23	7.28
15063-0212	EA 3/4" Union Tee Brass Compression Fitting	32.02	7.28
15063-0213	Male Connectors (15063-0194)		
15063-0214	EA 1/4" Male Connector, Brass	15.19	7.28
15063-0215	EA 3/8" Male Connector, Brass	16.45	7.28
15063-0216	EA 1/2" Male Connector, Brass	19.42	7.28
15063-0217	EA 5/8" Male Connector, Brass	22.65	7.28
15063-0218	EA 3/4" Male Connector, Brass	15.97	7.21
15063-0219	Female Connectors (15063-0194)		
15063-0220	EA 1/4" Female Connector, Brass	14.80	7.28
15063-0221	EA 3/8" Female Connector, Brass	15.92	7.28

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0222	EA	1/2" Female Connector, Brass	18.72	7.28
15063-0223	EA	5/8" Female Connector, Brass	21.50	7.28
15063-0224	EA	3/4" Female Connector, Brass	14.31	7.15
15063-0225		Dielectric Fittings <small>(15063-0026)</small>		
15063-0226		Dielectric Unions, Copper X Female Iron Pipe Thread <small>(15063-0225)</small>		
15063-0227	EA	1/2" Dielectric Union, Copper X Female Iron Pipe	35.22	16.18
15063-0228	EA	3/4" Dielectric Union, Copper X Female Iron Pipe	38.59	18.47
15063-0229	EA	1" Dielectric Union, Copper X Female Iron Pipe	49.47	20.30
15063-0230	EA	1-1/4" Dielectric Union, Copper X Female Iron Pipe	64.75	22.34
15063-0231	EA	1-1/2" Dielectric Union, Copper X Female Iron Pipe	83.03	24.83
15063-0232	EA	2" Dielectric Union, Copper X Female Iron Pipe	109.23	29.79
15063-0233		Dielectric Unions, Female Brass Thread X Iron Pipe Thread <small>(15063-0225)</small>		
15063-0234	EA	1/2" Dielectric Union, Female Brass Thread X Iron Pipe	42.14	16.18
15063-0235	EA	3/4" Dielectric Union, Female Brass Thread X Iron Pipe	49.99	18.47
15063-0236	EA	1" Dielectric Union, Female Brass Thread X Iron Pipe	64.49	20.30
15063-0237	EA	1-1/4" Dielectric Union, Female Brass Thread X Iron Pipe	84.68	22.34
15063-0238	EA	1-1/2" Dielectric Union, Female Brass Thread X Iron Pipe	107.69	24.83
15063-0239	EA	2" Dielectric Union, Female Brass Thread X Iron Pipe	138.15	29.79
15063-0240		Dielectric Unions, Female Iron Pipe Thread X Iron Pipe Thread <small>(15063-0225)</small>		
15063-0241	EA	1/2" Dielectric Union, Female Iron Pipe X Iron Pipe	37.76	16.18
15063-0242	EA	3/4" Dielectric Union, Female Iron Pipe X Iron Pipe	42.76	18.47
15063-0243	EA	1" Dielectric Union, Female Iron Pipe X Iron Pipe	50.57	20.30
15063-0244	EA	1-1/4" Dielectric Union, Female Iron Pipe X Iron Pipe	60.90	22.34
15063-0245	EA	1-1/2" Dielectric Union, Female Iron Pipe X Iron Pipe	79.21	24.83
15063-0246	EA	2" Dielectric Union, Female Iron Pipe X Iron Pipe	106.16	29.79
15063-0247		Dielectric Flanges, Copper X Female Iron Pipe Thread <small>(15063-0225)</small>		
15063-0248	EA	2-1/2" Dielectric Flange, Copper X Female Iron Pipe	257.16	76.59
15063-0249	EA	3" Dielectric Flange, Copper X Female Iron Pipe	320.76	96.45
15063-0250	EA	4" Dielectric Flange, Copper X Female Iron Pipe	462.52	131.27
15063-0251		Dielectric Flanges, Copper X Female Iron Pipe Thread X Iron Pipe Thread <small>(15063-0225)</small>		
15063-0252	EA	2-1/2" Dielectric Flange, Female Iron Pipe X Iron Pipe	260.08	76.59
15063-0253	EA	3" Dielectric Flange, Female Iron Pipe X Iron Pipe	343.45	96.45
15063-0254	EA	4" Dielectric Flange, Female Iron Pipe X Iron Pipe	724.24	131.27
15063-0255		Copper Fittings With Silver Solder Joints <small>(15063-0026)</small>		
15063-0256		6" Copper Fittings <small>(15063-0255)</small>		
Note: With silver solder joints wrought unless cast brass is indicated.				
15063-0257	EA	6" Cast Brass Tee, Silver Solder Joint	1,199.74	165.59
15063-0258	EA	6" Copper Expansion Joint, Silver Solder Joint	915.99	82.79
15063-0259	EA	6" Cast Brass Reducer, Silver Solder Joint	511.78	124.25
15063-0260	EA	6" Cast Brass Flanges, Silver Solder Joint	696.90	82.79
15063-0261		8" Copper Fittings <small>(15063-0255)</small>		
Note: With silver solder joints wrought unless cast brass is indicated.				
15063-0262	EA	8" Cast Brass Tee, Silver Solder Joint	3,734.42	206.99
15063-0263	EA	8" Copper Expansion Joint, Silver Solder Joint	3,037.59	124.25
15063-0264	EA	8" Cast Brass Reducer, Silver Solder Joint	1,532.12	124.25
15063-0265	EA	8" Cast Brass Flanges, Silver Solder Joint	2,186.72	82.79
15063-0266		Crimped Copper Fittings <small>(15063)</small>		
Note: ProPress				
15063-0267		Crimped 90 Degree Elbows <small>(15063-0266)</small>		
15063-0268	EA	1/2" Crimped 90 Degree Elbow, Copper	12.83	8.09
15063-0269	EA	3/4" Crimped 90 Degree Elbow, Copper	14.99	9.24
15063-0270	EA	1" Crimped 90 Degree Elbow, Copper	18.85	10.99
15063-0271	EA	1-1/4" Crimped 90 Degree Elbow, Copper	22.92	12.14
15063-0272	EA	1-1/2" Crimped 90 Degree Elbow, Copper	29.16	13.48
15063-0273	EA	2" Crimped 90 Degree Elbow, Copper	36.69	16.18
15063-0274	EA	2-1/2" Crimped 90 Degree Elbow, Copper	64.39	18.87
15063-0275	EA	3" Crimped 90 Degree Elbow, Copper	79.09	22.45
15063-0276	EA	4" Crimped 90 Degree Elbow, Copper	100.65	29.66
15063-0277		Crimped 45 Degree Elbows <small>(15063-0266)</small>		
15063-0278	EA	1/2" Crimped 45 Degree Elbow, Copper	12.94	8.09



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0279	EA	3/4" Crimped 45 Degree Elbow, Copper.....	14.80	9.24
15063-0280	EA	1" Crimped 45 Degree Elbow, Copper.....	19.67	10.99
15063-0281	EA	1-1/4" Crimped 45 Degree Elbow, Copper.....	22.74	12.14
15063-0282	EA	1-1/2" Crimped 45 Degree Elbow, Copper.....	27.58	13.48
15063-0283	EA	2" Crimped 45 Degree Elbow, Copper.....	34.56	16.18
15063-0284	EA	2-1/2" Crimped 45 Degree Elbow, Copper.....	52.14	18.87
15063-0285	EA	3" Crimped 45 Degree Elbow, Copper.....	67.75	22.45
15063-0286	EA	4" Crimped 45 Degree Elbow, Copper.....	91.78	29.66
15063-0287		Crimped Straight Tees (15063-0266)		
15063-0288	EA	1/2" Crimped Straight Tee, Copper.....	19.25	12.14
15063-0289	EA	3/4" Crimped Straight Tee, Copper.....	25.79	15.98
15063-0290	EA	1" Crimped Straight Tee, Copper.....	29.98	17.73
15063-0291	EA	1-1/4" Crimped Straight Tee, Copper.....	32.96	18.20
15063-0292	EA	1-1/2" Crimped Straight Tee, Copper.....	42.01	20.70
15063-0293	EA	2" Crimped Straight Tee, Copper.....	50.00	24.27
15063-0294	EA	2-1/2" Crimped Straight Tee, Copper.....	87.06	28.31
15063-0295	EA	3" Crimped Straight Tee, Copper.....	106.28	33.70
15063-0296	EA	4" Crimped Straight Tee, Copper.....	144.93	44.49
15063-0297		Crimped Reducing Tees (15063-0266)		
15063-0298	EA	3/4" Crimped Reducing Tee, Copper.....	20.18	11.52
15063-0299	EA	1" Crimped Reducing Tee, Copper.....	27.80	15.16
15063-0300	EA	1-1/4" Crimped Reducing Tee, Copper.....	30.46	16.86
15063-0301	EA	1-1/2" Crimped Reducing Tee, Copper.....	35.71	17.32
15063-0302	EA	2" Crimped Reducing Tee, Copper.....	41.81	19.62
15063-0303	EA	2-1/2" Crimped Reducing Tee, Copper.....	86.07	22.25
15063-0304	EA	3" Crimped Reducing Tee, Copper.....	104.56	26.97
15063-0305	EA	4" Crimped Reducing Tee, Copper.....	126.86	35.93
15063-0306		Crimped Couplings (15063-0266)		
15063-0307	EA	1/2" Crimped Coupling, Copper.....	12.76	8.09
15063-0308	EA	3/4" Crimped Coupling, Copper.....	14.76	9.24
15063-0309	EA	1" Crimped Coupling, Copper.....	18.41	10.99
15063-0310	EA	1-1/4" Crimped Coupling, Copper.....	20.56	12.14
15063-0311	EA	1-1/2" Crimped Coupling, Copper.....	24.62	13.48
15063-0312	EA	2" Crimped Coupling, Copper.....	29.89	16.18
15063-0313	EA	2-1/2" Crimped Coupling, Copper.....	46.28	18.87
15063-0314	EA	3" Crimped Coupling, Copper.....	56.59	22.45
15063-0315	EA	4" Crimped Coupling, Copper.....	76.27	29.66
15063-0316		Crimped Reducing Couplings (15063-0266)		
15063-0317	EA	3/4" Crimped Reducing Coupling, Copper.....	14.34	7.68
15063-0318	EA	1" Crimped Reducing Coupling, Copper.....	16.38	8.76
15063-0319	EA	1-1/4" Crimped Reducing Coupling, Copper.....	20.41	10.44
15063-0320	EA	1-1/2" Crimped Reducing Coupling, Copper.....	24.24	11.52
15063-0321	EA	2" Crimped Reducing Coupling, Copper.....	27.01	12.80
15063-0322	EA	2-1/2" Crimped Reducing Coupling, FTG x C, Copper.....	44.15	15.30
15063-0323	EA	3" Crimped Reducing Coupling, FTG x C, Copper.....	54.05	18.00
15063-0324	EA	4" Crimped Reducing Coupling, FTG x C, Copper.....	70.66	23.79
15063-0325		Crimped Male Adapters (15063-0266)		
15063-0326	EA	1/2" Crimped Male Adapter, Copper.....	12.90	8.09
15063-0327	EA	3/4" Crimped Male Adapter, Copper.....	15.19	9.24
15063-0328	EA	1" Crimped Male Adapter, Copper.....	19.03	10.99
15063-0329	EA	1-1/4" Crimped Male Adapter, Copper.....	23.72	12.14
15063-0330	EA	1-1/2" Crimped Male Adapter, Copper.....	27.97	13.48
15063-0331	EA	2" Crimped Male Adapter, Copper.....	39.19	16.18
15063-0332	EA	2-1/2" Crimped Male Adapter, Copper.....	64.39	18.87
15063-0333	EA	3" Crimped Male Adapter, Copper.....	79.09	22.45
15063-0334	EA	4" Crimped Male Adapter, Copper.....	97.03	29.66
15063-0335		Crimped Female Adapters (15063-0266)		
15063-0336	EA	1/2" Crimped Female Adapter, Copper.....	13.06	8.09
15063-0337	EA	3/4" Crimped Female Adapter, Copper.....	15.31	9.24
15063-0338	EA	1" Crimped Female Adapter, Copper.....	19.26	10.99
15063-0339	EA	1-1/4" Crimped Female Adapter, Copper.....	24.41	12.14
15063-0340	EA	1-1/2" Crimped Female Adapter, Copper.....	29.25	13.48
15063-0341	EA	2" Crimped Female Adapter, Copper.....	39.60	16.18
15063-0342		Crimped Caps (15063-0266)		
15063-0343	EA	1/2" Crimped Cap, Copper.....	7.40	4.04
15063-0344	EA	3/4" Crimped Cap, Copper.....	9.32	4.72

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0345	EA	1" Crimped Cap, Copper.....	11.55	5.39
15063-0346	EA	1-1/4" Crimped Cap, Copper.....	13.02	6.07
15063-0347	EA	1-1/2" Crimped Cap, Copper.....	16.51	6.95
15063-0348	EA	2" Crimped Cap, Copper.....	19.52	8.09
15063-0349	EA	2-1/2" Crimped Cap, Copper.....	37.75	9.44
15063-0350	EA	3" Crimped Cap, Copper.....	46.72	11.26
15063-0351	EA	4" Crimped Cap, Copper.....	62.04	14.83
15063-0352		Crimped Unions, CxF NPT (15063-0266)		
15063-0353	EA	1/2" Crimped Union, Bronze, CxF NPT.....	20.41	10.99
15063-0354	EA	3/4" Crimped Union, Bronze, CxF NPT.....	25.30	13.55
15063-0355	EA	1" Crimped Union, Bronze, CxF NPT.....	32.64	16.24
15063-0356	EA	1-1/4" Crimped Union, Bronze, CxF NPT.....	38.68	18.74
15063-0357	EA	1-1/2" Crimped Union, Bronze, CxF NPT.....	44.00	18.34
15063-0358	EA	2" Crimped Union, Bronze, CxF NPT.....	61.63	26.57
15063-0359		Crimped Unions, CxC (15063-0266)		
15063-0360	EA	1/2" Crimped Union, Bronze, CxC.....	17.00	8.09
15063-0361	EA	3/4" Crimped Union, Bronze, CxC.....	20.19	9.24
15063-0362	EA	1" Crimped Union, Bronze, CxC.....	26.68	10.99
15063-0363	EA	1-1/4" Crimped Union, Bronze, CxC.....	32.73	12.14
15063-0364	EA	1-1/2" Crimped Union, Bronze, CxC.....	39.95	13.48
15063-0365	EA	2" Crimped Union, Bronze, CxC.....	56.49	16.18
15063-0366		Crimped Flange, CxFlange (15063-0266)		
15063-0367	EA	2-1/2" Crimped Flange, CxFlange.....	97.30	18.87
15063-0368	EA	3" Crimped Flange, CxFlange.....	107.96	22.45
15063-0369	EA	4" Crimped Flange, CxFlange.....	127.62	29.66
15063-0370		EPDM Or HNBR Seal (15063-0266)		
15063-0371	EA	1/2" EPDM Or HNBR Seal.....	3.40	
15063-0372	EA	3/4" EPDM Or HNBR Seal.....	3.91	
15063-0373	EA	1" EPDM Or HNBR Seal.....	4.47	
15063-0374	EA	1-1/4" EPDM Or HNBR Seal.....	4.98	
15063-0375	EA	1-1/2" EPDM Or HNBR Seal.....	5.84	
15063-0376	EA	2" EPDM Or HNBR Seal.....	6.69	
15063-0377		FKM Seal (15063-0266)		
15063-0378	EA	1/2" FKM Seal.....	3.42	
		Note: To be used in conjunction with fittings		
15063-0379	EA	3/4" FKM Seal.....	4.14	
		Note: To be used in conjunction with fittings		
15063-0380	EA	1" FKM Seal.....	4.73	
		Note: To be used in conjunction with fittings		
15063-0381	EA	1-1/4" FKM Seal.....	5.38	
		Note: To be used in conjunction with fittings		
15063-0382	EA	1-1/2" FKM Seal.....	6.78	
		Note: To be used in conjunction with fittings		
15063-0383	EA	2" FKM Seal.....	7.72	
		Note: To be used in conjunction with fittings		
15063-0384	EA	2-1/2" FKM Seal.....	10.22	
		Note: To be used in conjunction with fittings		
15063-0385	EA	3" FKM Seal.....	11.93	
		Note: To be used in conjunction with fittings		
15063-0386	EA	4" FKM Seal.....	16.02	
		Note: To be used in conjunction with fittings		
15063-0387		Refrigeration Tubing Copper (Soft) Dehydrated And Sealed (15063)		
		Note: Based on outside diameter.		
15063-0388	LF	1/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	3.34	1.83
15063-0389	LF	3/16" Refrigeration Tubing Copper (Soft) Dehydrated.....	3.40	1.83
15063-0390	LF	1/4" Refrigeration Tubing Copper (Soft) Dehydrated.....	3.53	1.83
15063-0391	LF	5/16" Refrigeration Tubing Copper (Soft) Dehydrated.....	3.84	1.83
15063-0392	LF	3/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	4.04	1.89
15063-0393	LF	1/2" Refrigeration Tubing Copper (Soft) Dehydrated.....	4.61	2.03
15063-0394	LF	5/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	5.16	2.03
15063-0395	LF	3/4" Refrigeration Tubing Copper (Soft) Dehydrated.....	5.99	2.36
15063-0396	LF	7/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	7.47	2.49
15063-0397	LF	1-1/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	9.95	3.04
15063-0398	LF	1-3/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	13.22	3.51
15063-0399	LF	1 5/8" Refrigeration Tubing Copper (Soft) Dehydrated.....	15.85	3.77

15063-0400 Type ACR Copper Tubing, Hard Copper (15063)



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0401	Brass Flare Fittings <small>(15063-0400)</small>		
15063-0402	Unions <small>(15063-0401)</small>		
15063-0403	EA 3/8" Brass Union.....	11.32	7.28
15063-0404	EA 1/2" Brass Union.....	11.60	7.28
15063-0405	EA 5/8" Brass Union.....	12.04	7.28
15063-0406	90 Degree Elbow Unions <small>(15063-0401)</small>		
15063-0407	EA 3/8" 90 Degree Brass Elbow Union.....	11.87	7.28
15063-0408	EA 1/2" 90 Degree Brass Elbow Union.....	12.37	7.28
15063-0409	EA 5/8" 90 Degree Brass Elbow Union.....	13.77	7.28
15063-0410	Three Way Tees <small>(15063-0401)</small>		
15063-0411	EA 3/8" Brass Three Way Tee.....	19.57	12.14
15063-0412	EA 1/2" Brass Three Way Tee.....	20.16	12.14
15063-0413	EA 5/8" Brass Three Way Tee.....	21.16	12.14
15063-0414	Crosses <small>(15063-0401)</small>		
15063-0415	EA 3/8" Brass Cross.....	26.11	16.04
15063-0416	EA 1/2" Brass Cross.....	27.30	16.04
15063-0417	EA 5/8" Brass Cross.....	27.91	16.04
15063-0418	Male Connector, Half Unions <small>(15063-0401)</small>		
15063-0419	EA 3/8" Brass Male Connector, 1/2 Union.....	11.39	7.28
15063-0420	EA 1/2" Brass Male Connector, 1/2 Union.....	11.64	7.28
15063-0421	EA 5/8" Brass Male Connector, 1/2 Union.....	12.04	7.28
15063-0422	Female Connector, Half Unions <small>(15063-0401)</small>		
15063-0423	EA 3/8" Brass Female Connector, 1/2 Union.....	11.48	7.28
15063-0424	EA 1/2" Brass Female Connector, 1/2 Union.....	12.01	7.28
15063-0425	EA 5/8" Brass Female Connector, 1/2 Union.....	12.03	7.28
15063-0426	Long Forged Nuts <small>(15063-0401)</small>		
15063-0427	EA 3/8" Brass Long Forged Nut.....	12.01	7.28
15063-0428	EA 1/2" Brass Long Forged Nut.....	12.33	7.28
15063-0429	EA 5/8" Brass Long Forged Nut.....	13.08	7.28
15063-0430	Short Forged Nuts <small>(15063-0401)</small>		
15063-0431	EA 3/8" Brass Short Forged Nut.....	11.17	7.28
15063-0432	EA 1/2" Brass Short Forged Nut.....	11.33	7.28
15063-0433	EA 5/8" Brass Short Forged Nut.....	11.58	7.28
15063-0434	Wrought Copper Solder Fittings <small>(15063-0400)</small>		
15063-0435	Coupling - C X C <small>(15063-0434)</small>		
15063-0436	EA 1/4" Coupling.....	11.50	7.28
15063-0437	EA 3/8" Coupling.....	12.00	7.28
15063-0438	EA 1/2" Coupling.....	11.73	7.28
15063-0439	90 Degree Elbow - C X C <small>(15063-0434)</small>		
15063-0440	EA 1/4" 90 Degree Elbow.....	13.49	7.28
15063-0441	EA 3/8" 90 Degree Elbow.....	13.37	7.28
15063-0442	EA 1/2" 90 Degree Elbow.....	11.81	7.28
15063-0443	45 Degree Elbow - C X C <small>(15063-0434)</small>		
15063-0444	EA 1/4" 45 Degree Elbow.....	17.25	7.28
15063-0445	EA 3/8" 45 Degree Elbow.....	16.03	7.28
15063-0446	EA 1/2" 45 Degree Elbow.....	12.83	7.28
15063-0447	Tee - C X C X C <small>(15063-0434)</small>		
15063-0448	EA 1/4" Tee.....	26.08	12.14
15063-0449	EA 3/8" Tee.....	24.24	12.14
15063-0450	EA 1/2" Tee.....	20.68	12.14
15063-0451	Adapter - C X M <small>(15063-0434)</small>		
15063-0452	EA 1/4" Adapter C x M.....	22.06	7.28

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0453 EA 3/8" Adapter C x M.....	16.39	7.28
15063-0454 EA 1/2" Adapter C x M.....	12.94	7.28
15063-0455 Adapter - C X F <small>(15063-0434)</small>		
15063-0456 EA 1/4" Adapter C x F	18.15	7.28
15063-0457 EA 3/8" Adapter C x F	18.26	7.28
15063-0458 EA 1/2" Adapter C x F	14.51	7.28
15063-0459 Cap - C <small>(15063-0434)</small>		
15063-0460 EA 1/4" Cap.....	8.27	4.85
15063-0461 EA 3/8" Cap.....	8.78	4.85
15063-0462 EA 1/2" Cap.....	7.99	4.85
15063-0463 ACR Copper Tubing, Annealed <small>(15063-0400)</small>		
15063-0464 LF 3/8" Outside Diameter ACR Copper Tubing, Annealed.....	3.91	1.89
15MOD-0095 For Medical Applications "Oxygen Clean", Add	0.65	
15063-0465 LF 1/2" Outside Diameter ACR Copper Tubing, Annealed.....	4.40	1.89
15MOD-0095 For Medical Applications "Oxygen Clean", Add	0.82	
15063-0466 LF 5/8" Outside Diameter ACR Copper Tubing, Annealed.....	4.82	1.89
15MOD-0095 For Medical Applications "Oxygen Clean", Add	0.97	
15063-0467 LF 3/4" Outside Diameter ACR Copper Tubing, Annealed.....	6.77	2.83
15MOD-0095 For Medical Applications "Oxygen Clean", Add	1.31	
15063-0468 LF 7/8" Outside Diameter ACR Copper Tubing, Annealed.....	7.57	3.04
15MOD-0095 For Medical Applications "Oxygen Clean", Add	1.51	
15063-0469 LF 1-1/8" Outside Diameter ACR Copper Tubing, Annealed.....	8.86	3.04
15MOD-0095 For Medical Applications "Oxygen Clean", Add	1.96	
15063-0470 LF 1-3/8" Outside Diameter ACR Copper Tubing, Annealed.....	11.25	3.51
15MOD-0095 For Medical Applications "Oxygen Clean", Add	2.61	
15063-0471 LF 1-5/8" Outside Diameter ACR Copper Tubing, Annealed.....	13.55	4.04
15MOD-0095 For Medical Applications "Oxygen Clean", Add	3.23	
15063-0472 LF 2-1/8" Outside Diameter ACR Copper Tubing, Annealed.....	19.61	5.06
15MOD-0095 For Medical Applications "Oxygen Clean", Add	4.97	
15063-0473 LF 2-5/8" Outside Diameter ACR Copper Tubing, Annealed.....	28.54	7.63
15MOD-0095 For Medical Applications "Oxygen Clean", Add	7.12	
15063-0474 LF 3-1/8" Outside Diameter ACR Copper Tubing, Annealed.....	37.80	9.44
15MOD-0095 For Medical Applications "Oxygen Clean", Add	9.69	
15063-0475 LF 3-5/8" Outside Diameter ACR Copper Tubing, Annealed.....	48.03	11.19
15MOD-0095 For Medical Applications "Oxygen Clean", Add	12.60	
15063-0476 LF 4-1/8" Outside Diameter ACR Copper Tubing, Annealed.....	58.99	13.49
15MOD-0095 For Medical Applications "Oxygen Clean", Add	15.59	
15063-0477 Copper Fittings <small>(15063-0400)</small>		
15063-0478 Copper Tee, Sweat Straight, ACR <small>(15063-0477)</small>		
15063-0479 EA 5/8" Copper Tee Sweat Straight ACR.....	25.05	15.31
15063-0480 EA 3/4" Copper Tee Sweat Straight ACR.....	36.92	15.31
15063-0481 EA 7/8" Copper Tee Sweat Straight ACR.....	28.64	15.51
15063-0482 EA 1 1/8" Copper Tee Sweat Straight ACR.....	46.37	20.57
15063-0483 EA 1 3/8" Copper Tee Sweat Straight ACR.....	62.14	24.95
15063-0484 EA 1 5/8" Copper Tee Sweat Straight ACR.....	78.80	29.60
15063-0485 EA 2 1/8" Copper Tee Sweat Straight ACR.....	112.81	39.46
15063-0486 EA 2 5/8" Copper Tee Sweat Straight ACR.....	236.94	86.13
15063-0487 EA 3 1/8" Copper Tee Sweat Straight ACR.....	307.67	94.70
15063-0488 EA 4 1/8" Copper Tee Sweat Straight ACR.....	513.52	105.22
15063-0489 Couplings <small>(15063-0477)</small>		
15063-0490 EA 5/8" Coupling Copper Sweat, ACR.....	12.65	7.63
15063-0491 EA 3/4" Coupling Copper Sweat, ACR.....	18.31	10.05
15063-0492 EA 7/8" Coupling Copper Sweat, ACR.....	17.59	10.32
15063-0493 EA 1 1/8" Coupling Copper Sweat, ACR.....	23.55	12.81
15063-0494 EA 1 3/8" Coupling Copper Sweat, ACR.....	33.95	17.54
15063-0495 EA 1 5/8" Coupling Copper Sweat, ACR.....	41.04	20.57
15063-0496 EA 2 1/8" Coupling Copper Sweat, ACR.....	52.49	24.95
15063-0497 EA 2 5/8" Coupling Copper Sweat, ACR.....	83.88	37.91
15063-0498 EA 3 1/8" Coupling Copper Sweat, ACR.....	124.57	49.84
15063-0499 EA 4 1/8" Coupling Copper Sweat, ACR.....	185.52	59.22

15063-0500 Copper Pipe Assemblies (15063)

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0501	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	13.99	1.89
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	1.02	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-0.83	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	1.75	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.23	
		15MOD-0100 For Work In Restricted Working Space, Add	3.17	
15063-0502	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	16.53	2.43
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	1.28	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-1.03	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	2.02	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.42	
		15MOD-0100 For Work In Restricted Working Space, Add	3.59	
15063-0503	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	18.51	2.90
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	1.55	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-1.22	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	2.18	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.55	
		15MOD-0100 For Work In Restricted Working Space, Add	3.76	
15063-0504	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	20.53	3.37
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	1.83	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-1.42	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	2.33	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.68	
		15MOD-0100 For Work In Restricted Working Space, Add	3.91	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-0.75	
15063-0505	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	23.13	3.84
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	2.17	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-1.67	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	2.54	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.85	
		15MOD-0100 For Work In Restricted Working Space, Add	4.16	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-0.93	
15063-0506	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	35.25	4.79
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	4.00	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-2.95	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	3.36	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.56	
		15MOD-0100 For Work In Restricted Working Space, Add	4.79	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-1.93	
15063-0507	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	43.78	5.77
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	5.33	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-3.88	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	3.90	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.05	
		15MOD-0100 For Work In Restricted Working Space, Add	5.14	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-2.67	
15063-0508	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	51.68	6.70
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	6.52	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-4.72	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	4.44	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.51	
		15MOD-0100 For Work In Restricted Working Space, Add	5.57	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-3.31	
15063-0509	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	77.04	8.88
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	10.21	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-7.33	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	6.25	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.05	
		15MOD-0100 For Work In Restricted Working Space, Add	7.19	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-5.31	
15063-0510	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	178.20	11.05
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	26.94	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-18.92	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	11.99	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.45	
		15MOD-0100 For Work In Restricted Working Space, Add	9.23	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-14.74	

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0511	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	220.23	13.35
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	33.15	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-23.30	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	14.92	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.97	
		15MOD-0100 For Work In Restricted Working Space, Add	11.73	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-18.11	
15063-0512	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies	398.11	15.95
		15MOD-0096 For Type K Tubing Instead Of Type L, Add	62.90	
		15MOD-0097 For Type M Tubing Instead Of Type L, Deduct	-43.89	
		15MOD-0098 For Silver Solder Instead Of 95/5 Solder, Add	24.76	
		15MOD-0099 For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-22.34	
		15MOD-0100 For Work In Restricted Working Space, Add	14.58	
		15MOD-0101 For DWV Tubing Instead Of Type L, Deduct	-34.95	
15063-0513		Copper Grooved-Joint Pipe Fittings (15063)		
15063-0514		Grooved Fittings (15063-0513)		
15063-0515		Grooved 90 Degree Elbows (15063-0514)		
15063-0516	EA	2" Copper 90 Degree Elbow, Grooved.....	55.96	10.12
15063-0517	EA	2-1/2" Copper 90 Degree Elbow, Grooved.....	63.58	12.35
15063-0518	EA	3" Copper 90 Degree Elbow, Grooved.....	84.97	14.96
15063-0519	EA	4" Copper 90 Degree Elbow, Grooved.....	168.37	19.73
15063-0520	EA	5" Copper 90 Degree Elbow, Grooved.....	418.09	24.71
15063-0521	EA	6" Copper 90 Degree Elbow, Grooved.....	654.16	32.33
15063-0522	EA	8" Copper 90 Degree Elbow, Grooved.....	1,184.97	38.49
15063-0523		Grooved 45 Degree Elbows (15063-0514)		
15063-0524	EA	2" Copper 45 Degree Elbow, Grooved.....	55.96	10.12
15063-0525	EA	2-1/2" Copper 45 Degree Elbow, Grooved.....	63.58	12.35
15063-0526	EA	3" Copper 45 Degree Elbow, Grooved.....	84.97	14.96
15063-0527	EA	4" Copper 45 Degree Elbow, Grooved.....	168.37	19.73
15063-0528	EA	5" Copper 45 Degree Elbow, Grooved.....	418.09	24.71
15063-0529	EA	6" Copper 45 Degree Elbow, Grooved.....	654.16	32.33
15063-0530	EA	8" Copper 45 Degree Elbow, Grooved.....	1,184.97	38.49
15063-0531		Grooved Tees (15063-0514)		
15063-0532	EA	2" Copper Tee, Grooved.....	89.45	14.90
15063-0533	EA	2-1/2" Copper Tee, Grooved.....	100.10	18.31
15063-0534	EA	3" Copper Tee, Grooved.....	140.27	22.47
15063-0535	EA	4" Copper Tee, Grooved.....	269.04	29.04
15063-0536	EA	5" Copper Tee, Grooved.....	670.74	37.98
15063-0537	EA	6" Copper Tee, Grooved.....	830.64	47.54
15063-0538	EA	8" Copper Tee, Grooved.....	1,430.20	57.72
15063-0539		Grooved Reducing Tees (15063-0514)		
15063-0540	EA	2-1/2" Copper Tee, Reducing, Grooved.....	132.52	18.31
15063-0541	EA	3" Copper Tee, Reducing, Grooved.....	158.17	22.47
15063-0542	EA	4" Copper Tee, Reducing, Grooved.....	336.46	29.11
15063-0543	EA	5" Copper Tee, Reducing, Grooved.....	928.98	38.04
15063-0544	EA	6" Copper Tee, Reducing, Grooved.....	1,137.12	47.54
15063-0545		Grooved X Cup Reducing Tees (15063-0514)		
15063-0546	EA	2" Copper Tee, Reducing, Grooved X Cup.....	106.62	14.90
15063-0547	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup.....	132.69	18.31
15063-0548	EA	3" Copper Tee, Reducing, Grooved X Cup.....	158.17	22.47
15063-0549	EA	4" Copper Tee, Reducing, Grooved X Cup.....	336.46	29.04
15063-0550		Grooved Flanged Adapter Nipples (15063-0514)		
15063-0551	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	209.49	10.99
15063-0552	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	222.30	13.35
15063-0553	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	236.50	15.95
15063-0554	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	267.50	21.48
15063-0555	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	354.28	26.01
15063-0556	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	399.91	35.13
15063-0557		Grooved Concentric Reducers (15063-0514)		
15063-0558	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved.....	74.70	11.30
15063-0559	EA	3" x 2" Copper Concentric Reducer, Grooved.....	77.19	12.60



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15063-0560	EA 3" x 2-1/2" Copper Concentric Reducer, Grooved	82.00	14.96
15063-0561	EA 4" x 2" Copper Concentric Reducer, Grooved	138.47	15.08
15063-0562	EA 4" x 2-1/2" Copper Concentric Reducer, Grooved	140.65	16.14
15063-0563	EA 4" x 3" Copper Concentric Reducer, Grooved	143.13	17.38
15063-0564	EA 5" x 3" Copper Concentric Reducer, Grooved	347.83	19.86
15063-0565	EA 5" x 4" Copper Concentric Reducer, Grooved	352.79	22.34
15063-0566	EA 6" x 3" Copper Concentric Reducer, Grooved	380.80	23.59
15063-0567	EA 6" x 4" Copper Concentric Reducer, Grooved	385.75	26.07
15063-0568	EA 6" x 5" Copper Concentric Reducer, Grooved	390.73	28.55
15063-0569	EA 8" x 6" Copper Concentric Reducer, Grooved	657.80	35.38
15063-0570	Grooved X Cup Concentric Reducers (15063-0514)		
15063-0571	EA 2" x 1" Copper Concentric Reducer, Grooved X Cup	59.08	7.95
15063-0572	EA 2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	59.69	8.25
15063-0573	EA 2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	61.60	9.19
15063-0574	EA 2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	70.74	8.88
15063-0575	EA 2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	71.36	9.19
15063-0576	EA 2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	73.18	10.12
15063-0577	EA 2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	75.66	11.30
15063-0578	EA 3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	88.56	11.30
15063-0579	EA 3" x 2" Copper Concentric Reducer, Grooved X Cup	91.05	12.60
15063-0580	EA 4" x 2" Copper Concentric Reducer, Grooved X Cup	154.28	15.02
15063-0581	Grooved Standard Couplings (15063-0514)		
15063-0582	EA 2" Copper Standard Coupling, Grooved	33.08	5.09
15063-0583	EA 2-1/2" Copper Standard Coupling, Grooved	38.50	6.20
15063-0584	EA 3" Copper Standard Coupling, Grooved	43.97	7.38
15063-0585	EA 4" Copper Standard Coupling, Grooved	64.69	9.93
15063-0586	EA 5" Copper Standard Coupling, Grooved	101.89	12.35
15063-0587	EA 6" Copper Standard Coupling, Grooved	135.41	16.14
15063-0588	EA 8" Copper Standard Coupling, Grooved	198.80	19.24
15063-0589	Grooved Caps (15063-0514)		
15063-0590	EA 2" Copper Cap, Grooved	34.48	5.09
15063-0591	EA 2-1/2" Copper Cap, Grooved	39.79	6.20
15063-0592	EA 3" Copper Cap, Grooved	49.25	7.38
15063-0593	EA 4" Copper Cap, Grooved	89.31	9.87
15063-0594	EA 5" Copper Cap, Grooved	348.97	12.35
15063-0595	EA 6" Copper Cap, Grooved	614.93	16.14
15063-0596	Grooved Valves (15063-0513)		
15063-0597	Grooved Butterfly Valves, Standard Trim, Without Operator (15063-0596)		
	Note: Copper body		
15063-0598	EA 2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	208.96	6.64
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0599	EA 3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	238.86	9.87
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0600	EA 4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	315.72	12.97
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0601	EA 6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	423.33	21.29
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0602	EA 8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	470.07	29.92
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0603	Grooved Butterfly Valves, Standard Trim, With Operator (15063-0596)		
	Note: Copper body		
15063-0604	EA 2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	254.51	6.64
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0605	EA 3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	284.44	9.87
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0606	EA 4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	361.30	12.97
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0607	EA 6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	468.94	21.29
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	
15063-0608	EA 8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	515.65	29.92
	15MOD-0102 For Chain Wheel, Add	43.45	
	15MOD-0103 For Valve Bracket Insulation, Add	38.20	

15000 Mechanical**15050 Basic Materials And Methods****15063 Copper Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
15064 Plastic Pipe (15060)**15064-0001 Acrylonitrile Butadiene Styrene (ABS) - Polyvinyl Chloride (PVC) DWV Pipe And Fittings** (15064)

Note: Aboveground installation. ABS - ASTM D2661, PVC - ASTM D2665 See CSI section 02464-0002 for underground installation.

15064-0002 Schedule 40 ABS-PVC DWV Pipe Assemblies (15064-0001)

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. ASTM D1784 (pipe), ASTM D1785 (fittings). Not for use where detail is available.

15064-0003	LF 1-1/2" Schedule 40 ABS-PVC DWV Pipe Assembly.....	13.54	2.60
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15064-0004	LF 2" Schedule 40 ABS-PVC DWV Pipe Assembly.....	15.02	3.11
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15064-0005	LF 3" Schedule 40 ABS-PVC DWV Pipe Assembly.....	19.72	4.47
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15064-0006	LF 4" Schedule 40 ABS-PVC DWV Pipe Assembly.....	22.38	4.84
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15064-0007	LF 6" Schedule 40 ABS-PVC DWV Pipe Assembly.....	34.30	6.20
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15064-0008	LF 8" Schedule 40 ABS-PVC DWV Pipe Assembly.....	47.17	8.25
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
15064-0009	LF 10" Schedule 40 ABS-PVC DWV Pipe Assembly.....	65.73	11.05
	Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		

15064-0010 Schedule 40 ABS-PVC DWV Pipe (15064-0001)

Note: Excludes fittings or hangers.

15064-0011	LF 1-1/2" Schedule 40 ABS-PVC DWV Pipe.....	4.42	2.60
	15MOD-0104 For Work In Restricted Working Space, Add	1.16	
15064-0012	LF 2" Schedule 40 ABS-PVC DWV Pipe.....	5.39	3.11
	15MOD-0104 For Work In Restricted Working Space, Add	1.40	
15064-0013	LF 3" Schedule 40 ABS-PVC DWV Pipe.....	8.20	4.47
	15MOD-0104 For Work In Restricted Working Space, Add	2.00	
15064-0014	LF 4" Schedule 40 ABS-PVC DWV Pipe.....	9.51	4.91
	15MOD-0104 For Work In Restricted Working Space, Add	2.20	
15064-0015	LF 6" Schedule 40 ABS-PVC DWV Pipe.....	13.22	6.28
	15MOD-0104 For Work In Restricted Working Space, Add	2.82	
15064-0016	LF 8" Schedule 40 ABS-PVC DWV Pipe.....	20.15	8.36
	15MOD-0104 For Work In Restricted Working Space, Add	3.77	
15064-0017	LF 10" Schedule 40 ABS-PVC DWV Pipe.....	29.64	11.18
	15MOD-0104 For Work In Restricted Working Space, Add	5.03	

15064-0018 Schedule 40 ABS-PVC DWV Fittings (15064-0001)**15064-0019 Schedule 40 ABS-PVC DWV 1/4 Bends** (15064-0018)

15064-0020	EA 1-1/2" Schedule 40 ABS-PVC DWV 1/4 Bends.....	16.16	10.36
	15MOD-0104 For Work In Restricted Working Space, Add	4.66	
15064-0021	EA 2" Schedule 40 ABS-PVC DWV 1/4 Bends.....	20.83	13.35
	15MOD-0104 For Work In Restricted Working Space, Add	6.01	
15064-0022	EA 3" Schedule 40 ABS-PVC DWV 1/4 Bends.....	29.50	18.00
	15MOD-0104 For Work In Restricted Working Space, Add	8.09	
15064-0023	EA 4" Schedule 40 ABS-PVC DWV 1/4 Bends.....	36.75	20.98
	15MOD-0104 For Work In Restricted Working Space, Add	9.42	
15064-0024	EA 6" Schedule 40 ABS-PVC DWV 1/4 Bends.....	73.40	27.26
	15MOD-0104 For Work In Restricted Working Space, Add	12.27	
15064-0025	EA 8" Schedule 40 ABS-PVC DWV 1/4 Bends.....	110.61	36.69
	15MOD-0104 For Work In Restricted Working Space, Add	16.49	
15064-0026	EA 10" Schedule 40 ABS-PVC DWV 1/4 Bends.....	146.66	48.88
	15MOD-0104 For Work In Restricted Working Space, Add	21.99	

15064-0027 Schedule 40 ABS-PVC DWV 1/8 Bends (15064-0018)

15064-0028	EA 1-1/2" Schedule 40 ABS-PVC DWV 1/8 Bends.....	16.31	10.36
	15MOD-0104 For Work In Restricted Working Space, Add	4.66	
15064-0029	EA 2" Schedule 40 ABS-PVC DWV 1/8 Bends.....	20.82	13.35
	15MOD-0104 For Work In Restricted Working Space, Add	6.01	
15064-0030	EA 3" Schedule 40 ABS-PVC DWV 1/8 Bends.....	29.28	18.00
	15MOD-0104 For Work In Restricted Working Space, Add	8.09	
15064-0031	EA 4" Schedule 40 ABS-PVC DWV 1/8 Bends.....	35.67	20.98
	15MOD-0104 For Work In Restricted Working Space, Add	9.42	
15064-0032	EA 6" Schedule 40 ABS-PVC DWV 1/8 Bends.....	70.65	27.26
	15MOD-0104 For Work In Restricted Working Space, Add	12.27	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0033	EA 8" Schedule 40 ABS-PVC DWV 1/8 Bends 15MOD-0104 For Work In Restricted Working Space, Add	104.23 16.49	36.69
15064-0034	EA 10" Schedule 40 ABS-PVC DWV 1/8 Bends 15MOD-0104 For Work In Restricted Working Space, Add	127.87 21.99	48.88
15064-0035	Schedule 40 ABS-PVC DWV Sanitary Tees (15064-0018)		
15064-0036	EA 1-1/2" Schedule 40 ABS-PVC DWV Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	24.56 7.03	15.64
15064-0037	EA 2" Schedule 40 ABS-PVC DWV Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	31.90 9.08	20.18
15064-0038	EA 3" Schedule 40 ABS-PVC DWV Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	44.38 12.01	26.69
15064-0039	EA 4" Schedule 40 ABS-PVC DWV Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	55.82 14.26	31.72
15064-0040	EA 6" Schedule 40 ABS-PVC DWV Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	111.00 18.85	41.91
15064-0041	EA 8" Schedule 40 ABS-PVC DWV Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	147.11 25.45	56.48
15064-0042	Schedule 40 ABS-PVC DWV Reducing Sanitary Tees (15064-0018)		
15064-0043	EA 2" x 1-1/2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	32.33 9.08	20.18
15064-0044	EA 2" x 1-1/2" x 2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	33.12 9.08	20.18
15064-0045	EA 2" x 2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	31.90 9.08	20.18
15064-0046	EA 3" x 3" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	43.37 12.01	26.69
15064-0047	EA 3" x 3" x 2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	43.21 12.01	26.69
15064-0048	EA 4" x 4" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	52.01 14.26	31.72
15064-0049	EA 4" x 4" x 2" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	58.77 14.26	31.72
15064-0050	EA 4" x 4" x 3" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	62.81 14.26	31.72
15064-0051	EA 6" x 6" x 4" Schedule 40 ABS-PVC DWV Reducing Sanitary Tees 15MOD-0104 For Work In Restricted Working Space, Add	109.42 18.85	41.91
15064-0052	Schedule 40 ABS-PVC DWV Reducers (15064-0018)		
15064-0053	EA 2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	21.30 6.01	13.35
15064-0054	EA 3" x 1-1/2" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	31.65 8.27	18.37
15064-0055	EA 3" x 2" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	30.99 8.27	18.37
15064-0056	EA 4" x 2" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	38.16 9.42	20.98
15064-0057	EA 4" x 3" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	38.47 9.42	20.98
15064-0058	EA 6" x 4" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	69.54 12.27	27.26
15064-0059	EA 8" x 6" Schedule 40 ABS-PVC DWV Reducers 15MOD-0104 For Work In Restricted Working Space, Add	112.61 14.51	32.23
15064-0060	Schedule 40 ABS-PVC DWV P-Traps (15064-0018)		
15064-0061	EA 1" Schedule 40 ABS-PVC DWV P-Traps 15MOD-0104 For Work In Restricted Working Space, Add	18.98 5.21	11.61
15064-0062	EA 1-1/2" Schedule 40 ABS-PVC DWV P-Traps 15MOD-0104 For Work In Restricted Working Space, Add	24.39 6.65	14.77
15064-0063	EA 2" Schedule 40 ABS-PVC DWV P-Traps 15MOD-0104 For Work In Restricted Working Space, Add	29.45 7.92	17.62
15064-0064	EA 3" Schedule 40 ABS-PVC DWV P-Traps 15MOD-0104 For Work In Restricted Working Space, Add	48.71 10.07	22.41
15064-0065	EA 4" Schedule 40 ABS-PVC DWV P-Traps 15MOD-0104 For Work In Restricted Working Space, Add	73.52 11.23	24.94
15064-0066	EA 6" Schedule 40 ABS-PVC DWV P-Traps 15MOD-0104 For Work In Restricted Working Space, Add	111.36 14.26	31.72
15064-0067	Schedule 40 ABS-PVC DWV Closet Flanges (15064-0018)		
15064-0068	EA 4" Schedule 40 ABS-PVC DWV Closet Flanges 15MOD-0104 For Work In Restricted Working Space, Add	23.68 5.82	12.91
15064-0069	EA 4" x 3" Schedule 40 ABS-PVC DWV Closet Flanges 15MOD-0104 For Work In Restricted Working Space, Add	22.39 5.82	12.91
15064-0070	Schedule 40 ABS-PVC DWV Double Sanitary Tees (15064-0018)		

15000 Mechanical**15050 Basic Materials And Methods****15064 Plastic Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0071	EA	1-1/2" Schedule 40 ABS-PVC DWV Double Sanitary Tees	33.71	20.18
	15MOD-0104	For Work In Restricted Working Space, Add	9.08	
15064-0072	EA	2" Schedule 40 ABS-PVC DWV Double Sanitary Tees	45.07	26.69
	15MOD-0104	For Work In Restricted Working Space, Add	12.01	
15064-0073	EA	3" Schedule 40 ABS-PVC DWV Double Sanitary Tees	68.08	35.99
	15MOD-0104	For Work In Restricted Working Space, Add	16.19	
15064-0074	EA	4" Schedule 40 ABS-PVC DWV Double Sanitary Tees	88.02	43.57
	15MOD-0104	For Work In Restricted Working Space, Add	19.60	
15064-0075		Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends (15064-0018)		
15064-0076	EA	1-1/2" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	17.75	10.24
	15MOD-0104	For Work In Restricted Working Space, Add	4.60	
15064-0077	EA	2" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	21.86	13.35
	15MOD-0104	For Work In Restricted Working Space, Add	6.01	
15064-0078	EA	3" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	32.75	18.37
	15MOD-0104	For Work In Restricted Working Space, Add	8.27	
15064-0079	EA	4" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	43.75	22.41
	15MOD-0104	For Work In Restricted Working Space, Add	10.07	
15064-0080	EA	6" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	61.89	25.89
	15MOD-0104	For Work In Restricted Working Space, Add	11.64	
15064-0081	EA	8" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	87.65	29.55
	15MOD-0104	For Work In Restricted Working Space, Add	13.30	
15064-0082	EA	10" Schedule 40 ABS-PVC DWV Long Sweep 1/4 Bends.....	124.86	34.51
	15MOD-0104	For Work In Restricted Working Space, Add	15.52	
15064-0083		Schedule 40 ABS-PVC DWV Wyes (15064-0018)		
15064-0084	EA	1-1/2" Schedule 40 ABS-PVC DWV Wyes.....	25.70	15.64
	15MOD-0104	For Work In Restricted Working Space, Add	7.03	
15064-0085	EA	2" Schedule 40 ABS-PVC DWV Wyes.....	32.57	20.18
	15MOD-0104	For Work In Restricted Working Space, Add	9.08	
15064-0086	EA	3" Schedule 40 ABS-PVC DWV Wyes.....	45.23	26.69
	15MOD-0104	For Work In Restricted Working Space, Add	12.01	
15064-0087	EA	4" Schedule 40 ABS-PVC DWV Wyes.....	59.32	33.14
	15MOD-0104	For Work In Restricted Working Space, Add	14.90	
15064-0088	EA	6" Schedule 40 ABS-PVC DWV Wyes.....	130.93	36.69
	15MOD-0104	For Work In Restricted Working Space, Add	26.39	
15064-0089	EA	8" Schedule 40 ABS-PVC DWV Wyes.....	171.15	48.88
	15MOD-0104	For Work In Restricted Working Space, Add	35.62	
15064-0090	EA	10" Schedule 40 ABS-PVC DWV Wyes.....	227.09	65.21
	15MOD-0104	For Work In Restricted Working Space, Add	47.50	
15064-0091		Schedule 40 ABS-PVC DWV Reducing Wyes (15064-0018)		
15064-0092	EA	2" x 1-1/2" x 1-1/2" Schedule 40 ABS-PVC DWV Reducing Wyes	27.49	15.64
	15MOD-0104	For Work In Restricted Working Space, Add	7.03	
15064-0093	EA	2" x 2" x 1" Schedule 40 ABS-PVC DWV Reducing Wyes.....	34.31	20.18
	15MOD-0104	For Work In Restricted Working Space, Add	9.08	
15064-0094	EA	3" x 3" x 2" Schedule 40 ABS-PVC DWV Reducing Wyes.....	44.05	26.69
	15MOD-0104	For Work In Restricted Working Space, Add	12.01	
15064-0095	EA	4" x 4" x 2" Schedule 40 ABS-PVC DWV Reducing Wyes.....	57.42	33.14
	15MOD-0104	For Work In Restricted Working Space, Add	14.90	
15064-0096	EA	4" x 4" x 3" Schedule 40 ABS-PVC DWV Reducing Wyes.....	58.72	33.14
	15MOD-0104	For Work In Restricted Working Space, Add	14.90	
15064-0097		Schedule 40 ABS-PVC DWV Double Wyes (15064-0018)		
15064-0098	EA	1-1/2" Schedule 40 ABS-PVC DWV Double Wyes	35.13	20.18
	15MOD-0104	For Work In Restricted Working Space, Add	9.08	
15064-0099	EA	2" Schedule 40 ABS-PVC DWV Double Wyes	46.29	26.69
	15MOD-0104	For Work In Restricted Working Space, Add	12.01	
15064-0100	EA	3" Schedule 40 ABS-PVC DWV Double Wyes	70.11	35.99
	15MOD-0104	For Work In Restricted Working Space, Add	16.19	
15064-0101	EA	4" Schedule 40 ABS-PVC DWV Double Wyes	98.05	43.57
	15MOD-0104	For Work In Restricted Working Space, Add	19.60	
15064-0102	EA	2" x 2" x 1-1/2" x 1-1/2" Schedule 40 ABS-PVC DWV Double Wyes	45.75	26.69
	15MOD-0104	For Work In Restricted Working Space, Add	12.01	
15064-0103	EA	3" x 3" x 2" x 2" Schedule 40 ABS-PVC DWV Double Wyes	65.98	35.99
	15MOD-0104	For Work In Restricted Working Space, Add	16.19	
15064-0104	EA	4" x 4" x 3" x 3" Schedule 40 ABS-PVC DWV Double Wyes	91.24	43.57
	15MOD-0104	For Work In Restricted Working Space, Add	19.60	
15064-0105		Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends (15064-0018)		
15064-0106	EA	1-1/2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends.....	27.13	15.64
	15MOD-0104	For Work In Restricted Working Space, Add	7.03	
15064-0107	EA	2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends.....	34.79	20.18
	15MOD-0104	For Work In Restricted Working Space, Add	9.08	
15064-0108	EA	3" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends.....	51.91	26.69
	15MOD-0104	For Work In Restricted Working Space, Add	12.01	
15064-0109	EA	4" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends.....	74.29	33.14
	15MOD-0104	For Work In Restricted Working Space, Add	14.90	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	15064-0110	EA 2" x 2" x 1-1/2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	39.62 9.08	20.18
	15064-0111	EA 3" x 3" x 1-1/2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	56.29 12.01	26.69
	15064-0112	EA 3" x 3" x 2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	50.19 12.01	26.69
	15064-0113	EA 4" x 4" x 2" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	72.24 14.90	33.14
	15064-0114	EA 4" x 4" x 3" Schedule 40 ABS-PVC DWV Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	74.12 14.90	33.14
	15064-0115	Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends (15064-0018)		
	15064-0116	EA 1-1/2" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends 15MOD-0104 For Work In Restricted Working Space, Add	36.23 9.08	20.18
	15064-0117	EA 2" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	46.41 12.01	26.69
	15064-0118	EA 3" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	65.04 16.19	35.99
	15064-0119	EA 4" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	123.65 19.60	43.57
	15064-0120	EA 6" Schedule 40 ABS-PVC DWV Double Combination Wye And 1/8 Bends..... 15MOD-0104 For Work In Restricted Working Space, Add	289.63 23.37	51.52
	15064-0121	Schedule 40 ABS-PVC DWV Clean Out Tees With Plug (15064-0018)		
	15064-0122	EA 4" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug 15MOD-0104 For Work In Restricted Working Space, Add	174.96 41.66	92.66
	15064-0123	EA 6" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug 15MOD-0104 For Work In Restricted Working Space, Add	284.00 53.73	119.47
	15064-0124	EA 8" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug 15MOD-0104 For Work In Restricted Working Space, Add	383.08 75.74	168.42
	15064-0125	EA 10" Schedule 40 ABS-PVC DWV Clean Out Tees With Plug 15MOD-0104 For Work In Restricted Working Space, Add	484.04 93.24	206.98
	15064-0126	Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug (15064-0018)		
	15064-0127	EA 1-1/2" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug 15MOD-0104 For Work In Restricted Working Space, Add	17.40 4.66	10.36
	15064-0128	EA 2" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug..... 15MOD-0104 For Work In Restricted Working Space, Add	22.89 5.96	13.22
	15064-0129	EA 3" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug..... 15MOD-0104 For Work In Restricted Working Space, Add	31.35 8.01	17.82
	15064-0130	EA 4" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug..... 15MOD-0104 For Work In Restricted Working Space, Add	43.86 9.87	21.97
	15064-0131	EA 6" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug..... 15MOD-0104 For Work In Restricted Working Space, Add	72.90 12.85	28.55
	15064-0132	EA 6" x 4" Schedule 40 ABS-PVC DWV Cleanout Adapters With Plug..... 15MOD-0104 For Work In Restricted Working Space, Add	69.18 11.36	25.26
	15064-0133	ABS To PVC Flexible Couplings (15064-0018)		
	15064-0134	EA 1-1/2" x 1-1/2" ABS To PVC Flexible Coupling 15MOD-0104 For Work In Restricted Working Space, Add	24.72 4.66	10.36
	15064-0135	EA 2" x 2" ABS To PVC Flexible Coupling 15MOD-0104 For Work In Restricted Working Space, Add	26.58 5.03	11.17
	15064-0136	EA 3" x 3" ABS To PVC Flexible Coupling 15MOD-0104 For Work In Restricted Working Space, Add	29.05 5.59	12.41
	15064-0137	EA 4" x 4" ABS To PVC Flexible Coupling 15MOD-0104 For Work In Restricted Working Space, Add	32.77 6.52	14.47
	15064-0138	Schedule 40 ABS-PVC Couplings (15064-0018)		
	15064-0139	EA 1-1/2" Schedule 40 ABS-PVC Couplings.....	16.27	10.49
	15064-0140	EA 2" Schedule 40 ABS-PVC Couplings.....	20.74	13.38
	15064-0141	EA 3" Schedule 40 ABS-PVC Couplings.....	28.62	18.03
	15064-0142	EA 4" Schedule 40 ABS-PVC Couplings.....	34.04	20.98
	15064-0143	EA 6" Schedule 40 ABS-PVC Couplings.....	55.42	27.26
	15064-0144	EA 8" Schedule 40 ABS-PVC Couplings.....	96.88	36.69
	15064-0145	EA 10" Schedule 40 ABS-PVC Couplings.....	138.25	48.88
	15064-0146	Schedule 40 ABS-PVC Male Adapters (15064-0018)		
	15064-0147	EA 1-1/2" Schedule 40 ABS-PVC Male Adapters.....	6.84	3.14
	15064-0148	Cut And Prepare Existing PVC-ABS DWV Pipe (15064-0001)		
		Note: In place piping.		
	15064-0149	EA 1-1/2", Cut And Prepare Existing PVC-ABS DWV Pipe.....	4.55	
	15064-0150	EA 2", Cut And Prepare Existing PVC-ABS DWV Pipe.....	5.01	
	15064-0151	EA 3", Cut And Prepare Existing PVC-ABS DWV Pipe.....	6.37	
	15064-0152	EA 4", Cut And Prepare Existing PVC-ABS DWV Pipe.....	8.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0153	EA	6", Cut And Prepare Existing PVC-ABS DWV Pipe	12.28	
15064-0154	EA	8", Cut And Prepare Existing PVC-ABS DWV Pipe	16.38	
15064-0155	EA	10", Cut And Prepare Existing PVC-ABS DWV Pipe	20.02	
15064-0156		Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (15064)		
		Note: Socket or back weld.		
15064-0157		Schedule 40 PVC Pressure Pipe And Fittings (15064-0156)		
		Note: ASTM D1785 with D2466 fittings.		
15064-0158		Schedule 40 PVC Pressure Pipe (15064-0157)		
15064-0159	LF	1/2" Schedule 40 PVC Pressure Pipe	2.84	1.80
		15MOD-0108 For Work In Restricted Working Space, Add	0.80	
15064-0160	LF	3/4" Schedule 40 PVC Pressure Pipe	3.57	2.23
		15MOD-0108 For Work In Restricted Working Space, Add	1.00	
15064-0161	LF	1" Schedule 40 PVC Pressure Pipe	3.89	2.36
		15MOD-0108 For Work In Restricted Working Space, Add	1.07	
15064-0162	LF	1-1/4" Schedule 40 PVC Pressure Pipe	4.27	2.54
		15MOD-0108 For Work In Restricted Working Space, Add	1.15	
15064-0163	LF	1-1/2" Schedule 40 PVC Pressure Pipe	4.39	2.60
		15MOD-0108 For Work In Restricted Working Space, Add	1.16	
15064-0164	LF	2" Schedule 40 PVC Pressure Pipe	5.35	3.11
		15MOD-0108 For Work In Restricted Working Space, Add	1.40	
15064-0165	LF	2-1/2" Schedule 40 PVC Pressure Pipe	6.62	3.66
		15MOD-0108 For Work In Restricted Working Space, Add	1.66	
15064-0166	LF	3" Schedule 40 PVC Pressure Pipe	8.11	4.47
		15MOD-0108 For Work In Restricted Working Space, Add	2.00	
15064-0167	LF	4" Schedule 40 PVC Pressure Pipe	12.07	6.70
		15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15064-0168	LF	6" Schedule 40 PVC Pressure Pipe	16.95	8.88
		15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15064-0169	LF	8" Schedule 40 PVC Pressure Pipe	21.39	10.61
		15MOD-0108 For Work In Restricted Working Space, Add	4.78	
15064-0170	LF	10" Schedule 40 PVC Pressure Pipe	34.49	11.85
		15MOD-0108 For Work In Restricted Working Space, Add	5.33	
15064-0171		Schedule 40 PVC 90 Degree Elbows (15064-0157)		
15064-0172	EA	1/2" Schedule 40 PVC 90 Degree Elbows	10.13	6.70
		15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15064-0173	EA	3/4" Schedule 40 PVC 90 Degree Elbows	13.51	8.88
		15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15064-0174	EA	1" Schedule 40 PVC 90 Degree Elbows	16.84	11.05
		15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15064-0175	EA	1-1/4" Schedule 40 PVC 90 Degree Elbows	23.95	15.64
		15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15064-0176	EA	1-1/2" Schedule 40 PVC 90 Degree Elbows	26.98	17.62
		15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15064-0177	EA	2" Schedule 40 PVC 90 Degree Elbows	34.44	22.41
		15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15064-0178	EA	2-1/2" Schedule 40 PVC 90 Degree Elbows	52.36	33.14
		15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15064-0179	EA	3" Schedule 40 PVC 90 Degree Elbows	68.59	43.57
		15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15064-0180	EA	4" Schedule 40 PVC 90 Degree Elbows	83.41	51.76
		15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15064-0181	EA	6" Schedule 40 PVC 90 Degree Elbows	102.59	59.15
		15MOD-0108 For Work In Restricted Working Space, Add	26.60	
15064-0182	EA	8" Schedule 40 PVC 90 Degree Elbows	139.32	69.02
		15MOD-0108 For Work In Restricted Working Space, Add	31.03	
15064-0183	EA	10" Schedule 40 PVC 90 Degree Elbows	208.00	102.91
		15MOD-0108 For Work In Restricted Working Space, Add	46.27	
15064-0184		Schedule 40 PVC 45 Degree Elbows (15064-0157)		
15064-0185	EA	1/2" Schedule 40 PVC 45 Degree Elbows	10.18	6.70
		15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15064-0186	EA	3/4" Schedule 40 PVC 45 Degree Elbows	13.63	8.88
		15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15064-0187	EA	1" Schedule 40 PVC 45 Degree Elbows	17.00	11.05
		15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15064-0188	EA	1-1/4" Schedule 40 PVC 45 Degree Elbows	24.06	15.64
		15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15064-0189	EA	1-1/2" Schedule 40 PVC 45 Degree Elbows	27.21	17.62
		15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15064-0190	EA	2" Schedule 40 PVC 45 Degree Elbows	34.59	22.41
		15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15064-0191	EA	2-1/2" Schedule 40 PVC 45 Degree Elbows	52.36	33.14
		15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15064-0192	EA	3" Schedule 40 PVC 45 Degree Elbows	69.56	43.57
		15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15064-0193	EA	4" Schedule 40 PVC 45 Degree Elbows	85.18	51.76
		15MOD-0108 For Work In Restricted Working Space, Add	23.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0194 EA 6" Schedule 40 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add	102.76 26.60	59.15
15064-0195 EA 8" Schedule 40 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add	137.36 31.03	69.02
15064-0196 EA 10" Schedule 40 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add	208.00 46.27	102.91
15064-0197 Schedule 40 PVC Tees (15064-0157)		
15064-0198 EA 1/2" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	16.69 4.97	11.05
15064-0199 EA 3/4" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	20.17 6.01	13.35
15064-0200 EA 1" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	26.70 7.92	17.62
15064-0201 EA 1-1/4" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	34.01 10.07	22.41
15064-0202 EA 1-1/2" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	40.61 12.01	26.69
15064-0203 EA 2" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	50.47 14.90	33.14
15064-0204 EA 2-1/2" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	68.07 19.60	43.57
15064-0205 EA 3" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	81.17 23.28	51.76
15064-0206 EA 4" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	109.93 31.03	69.02
15064-0207 EA 6" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	155.35 40.04	89.00
15064-0208 EA 8" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	216.28 49.65	110.41
15064-0209 EA 10" Schedule 40 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add	446.02 74.21	164.97
15064-0210 Schedule 40 PVC Crosses (15064-0157)		
15064-0211 EA 1/2" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	20.91 6.21	13.78
15064-0212 EA 3/4" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	25.27 7.51	16.70
15064-0213 EA 1" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	33.47 9.91	22.03
15064-0214 EA 1-1/4" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	42.67 12.58	27.99
15064-0215 EA 1-1/2" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	50.95 15.02	33.39
15064-0216 EA 2" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	63.36 18.62	41.40
15064-0217 EA 2-1/2" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	85.95 24.50	54.49
15064-0218 EA 3" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	102.58 29.09	64.67
15064-0219 EA 4" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	139.49 38.79	86.27
15064-0220 EA 6" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	201.08 50.03	111.22
15064-0221 EA 8" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	286.36 62.03	137.91
15064-0222 EA 10" Schedule 40 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add	620.76 92.80	206.31
15064-0223 Schedule 40 PVC Reducing Inserts (15064-0157)		
15064-0224 EA 3/4" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	13.45 4.01	8.88
15064-0225 EA 1" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	16.77 4.97	11.05
15064-0226 EA 1-1/4" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	23.71 7.03	15.64
15064-0227 EA 1-1/2" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	26.71 7.92	17.62
15064-0228 EA 2" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	34.06 10.07	22.41
15064-0229 EA 2-1/2" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	50.46 14.90	33.14
15064-0230 EA 3" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	66.55 19.60	43.57
15064-0231 EA 4" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	80.34 23.28	51.76
15064-0232 EA 6" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	95.49 26.60	59.15
15064-0233 EA 8" Schedule 40 PVC Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	142.70 31.03	69.02

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0234 EA 10" Schedule 40 PVC Reducing Inserts..... 15MOD-0108 For Work In Restricted Working Space, Add	163.75 36.05	80.13
15064-0235 Schedule 40 PVC Threaded Reducing Inserts (15064-0157)		
15064-0236 EA 1/2" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	10.25 3.00	6.70
15064-0237 EA 3/4" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	13.59 4.01	8.88
15064-0238 EA 1" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	16.85 4.97	11.05
15064-0239 EA 1-1/4" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	23.88 7.03	15.64
15064-0240 EA 1-1/2" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	26.94 7.92	17.62
15064-0241 EA 2" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	34.28 10.07	22.41
15064-0242 EA 2-1/2" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	50.70 14.90	33.14
15064-0243 EA 3" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	66.55 19.60	43.57
15064-0244 EA 4" Schedule 40 PVC Threaded Reducing Inserts 15MOD-0108 For Work In Restricted Working Space, Add	80.34 23.28	51.76
15064-0245 Schedule 40 PVC Socket Weld X Threaded Male Adapters (15064-0157)		
15064-0246 EA 1/2" Schedule 40 PVC Socket Weld X Threaded Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	10.33 3.00	6.70
15064-0247 EA 3/4" Schedule 40 PVC Socket Weld X Threaded Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	13.67 4.01	8.88
15064-0248 EA 1" Schedule 40 PVC Socket Weld X Threaded Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	17.01 4.97	11.05
15064-0249 EA 1-1/4" Schedule 40 PVC Socket Weld X Threaded Male Adapters 15MOD-0108 For Work In Restricted Working Space, Add	23.98 7.03	15.64
15064-0250 EA 1-1/2" Schedule 40 PVC Socket Weld X Threaded Male Adapters 15MOD-0108 For Work In Restricted Working Space, Add	27.15 7.92	17.62
15064-0251 EA 2" Schedule 40 PVC Socket Weld X Threaded Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	34.47 10.07	22.41
15064-0252 EA 2-1/2" Schedule 40 PVC Socket Weld X Threaded Male Adapters 15MOD-0108 For Work In Restricted Working Space, Add	50.91 14.90	33.14
15064-0253 EA 3" Schedule 40 PVC Socket Weld X Threaded Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	67.18 19.60	43.57
15064-0254 EA 4" Schedule 40 PVC Socket Weld X Threaded Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	79.97 23.28	51.76
15064-0255 Schedule 40 PVC Socket Weld X Threaded Female Adapters (15064-0157)		
15064-0256 EA 1/2" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	10.13 3.00	6.70
15064-0257 EA 3/4" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	13.50 4.01	8.88
15064-0258 EA 1" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	16.72 4.97	11.05
15064-0259 EA 1-1/4" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	23.70 7.03	15.64
15064-0260 EA 1-1/2" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	26.73 7.92	17.62
15064-0261 EA 2" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	33.99 10.07	22.41
15064-0262 EA 2-1/2" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	51.56 14.90	33.14
15064-0263 EA 3" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	67.90 19.60	43.57
15064-0264 EA 4" Schedule 40 PVC Socket Weld X Threaded Female Adapters 15MOD-0108 For Work In Restricted Working Space, Add	81.84 23.28	51.76
15064-0265 Schedule 40 PVC P-Traps (15064-0157)		
15064-0266 EA 3/4" Schedule 40 PVC P-Traps..... 15MOD-0108 For Work In Restricted Working Space, Add	14.51 4.10	9.12
15064-0267 Schedule 40 PVC Couplings (15064-0157)		
15064-0268 EA 1/2" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	10.08 3.00	6.70
15064-0269 EA 3/4" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	13.44 4.01	8.88
15064-0270 EA 1" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	16.72 4.97	11.05
15064-0271 EA 1-1/4" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	23.65 7.03	15.64
15064-0272 EA 1-1/2" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	26.67 7.92	17.62



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0273	EA 2" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	33.94 10.07	22.41
15064-0274	EA 2-1/2" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	50.53 14.90	33.14
15064-0275	EA 3" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	66.71 19.60	43.57
15064-0276	EA 4" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	79.60 23.28	51.76
15064-0277	EA 6" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	95.01 26.60	59.15
15064-0278	EA 8" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	115.31 31.03	69.02
15064-0279	EA 10" Schedule 40 PVC Couplings 15MOD-0108 For Work In Restricted Working Space, Add	165.36 33.26	73.98
15064-0280	Schedule 40 PVC Unions <small>(15064-0157)</small>		
15064-0281	EA 1/2" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	18.38 4.97	11.05
15064-0282	EA 3/4" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	21.98 6.01	13.35
15064-0283	EA 1" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	28.60 7.92	17.62
15064-0284	EA 1-1/4" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	38.88 10.07	22.41
15064-0285	EA 1-1/2" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	45.60 12.01	26.69
15064-0286	EA 2" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	57.15 14.90	33.14
15064-0287	EA 2-1/2" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	78.94 19.60	43.57
15064-0288	EA 3" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	92.01 23.28	51.76
15064-0289	EA 4" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	132.04 31.03	69.02
15064-0290	EA 6" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	171.75 40.03	89.00
15064-0291	EA 8" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	228.66 49.63	110.35
15064-0292	EA 10" Schedule 40 PVC Unions 15MOD-0108 For Work In Restricted Working Space, Add	309.65 61.62	136.98
15064-0293	Schedule 40 PVC Caps <small>(15064-0157)</small>		
15064-0294	EA 1/2" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	10.25 3.05	6.80
15064-0295	EA 3/4" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	13.47 4.01	8.88
15064-0296	EA 1" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	16.74 4.97	11.05
15064-0297	EA 1-1/4" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	24.04 7.13	15.87
15064-0298	EA 1-1/2" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	26.69 7.92	17.62
15064-0299	EA 2" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	33.89 10.07	22.41
15064-0300	EA 2-1/2" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	50.75 14.90	33.14
15064-0301	EA 3" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	66.52 19.60	43.57
15064-0302	EA 4" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	80.33 23.28	51.76
15064-0303	EA 6" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	95.21 26.60	59.15
15064-0304	EA 8" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	125.35 31.03	69.02
15064-0305	EA 10" Schedule 40 PVC Caps 15MOD-0108 For Work In Restricted Working Space, Add	191.94 33.26	73.98
15064-0306	Schedule 40 PVC 150 LB Flanges <small>(15064-0157)</small>		
15064-0307	EA 1/2" Schedule 40 PVC 150 LB Socket Weld Flanges 15MOD-0108 For Work In Restricted Working Space, Add	18.88 4.97	11.05
15064-0308	EA 3/4" Schedule 40 PVC 150 LB Flanges 15MOD-0108 For Work In Restricted Working Space, Add	23.59 6.01	13.35
15064-0309	EA 1" Schedule 40 PVC 150 LB Flanges 15MOD-0108 For Work In Restricted Working Space, Add	30.39 7.92	17.62
15064-0310	EA 1-1/4" Schedule 40 PVC 150 LB Flanges 15MOD-0108 For Work In Restricted Working Space, Add	37.64 10.07	22.41
15064-0311	EA 1-1/2" Schedule 40 PVC 150 LB Flanges 15MOD-0108 For Work In Restricted Working Space, Add	44.22 12.01	26.69
15064-0312	EA 2" Schedule 40 PVC 150 LB Flanges 15MOD-0108 For Work In Restricted Working Space, Add	55.21 14.90	33.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0313	EA	2-1/2" Schedule 40 PVC 150 LB Flanges	73.92	43.57
		15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15064-0314	EA	3" Schedule 40 PVC 150 LB Flanges	87.07	51.76
		15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15064-0315	EA	4" Schedule 40 PVC 150 LB Flanges	115.45	69.02
		15MOD-0108 For Work In Restricted Working Space, Add	31.03	
15064-0316	EA	6" Schedule 40 PVC 150 LB Flanges	152.30	89.00
		15MOD-0108 For Work In Restricted Working Space, Add	40.03	
15064-0317	EA	8" Schedule 40 PVC 150 LB Flanges	208.02	110.35
		15MOD-0108 For Work In Restricted Working Space, Add	49.63	
15064-0318	EA	10" Schedule 40 PVC 150 LB Flanges	301.09	136.79
		15MOD-0108 For Work In Restricted Working Space, Add	61.52	
15064-0319		Schedule 80 PVC Pressure Pipe And Fittings (15064-0156)		
		Note: ASTM D1785 with D2467 fittings.		
15064-0320		Schedule 80 PVC Pressure Pipe (15064-0319)		
15064-0321	LF	1/2" Schedule 80 PVC Pressure Pipe	2.90	1.80
		15MOD-0108 For Work In Restricted Working Space, Add	0.80	
15064-0322	LF	3/4" Schedule 80 PVC Pressure Pipe	3.63	2.23
		15MOD-0108 For Work In Restricted Working Space, Add	1.00	
15064-0323	LF	1" Pipe Schedule 80 PVC	4.44	2.67
		15MOD-0108 For Work In Restricted Working Space, Add	1.20	
15064-0324	LF	1-1/4" Schedule 80 PVC Pressure Pipe	5.27	3.11
		15MOD-0108 For Work In Restricted Working Space, Add	1.40	
15064-0325	LF	1-1/2" Schedule 80 PVC Pressure Pipe	6.05	3.54
		15MOD-0108 For Work In Restricted Working Space, Add	1.60	
15064-0326	LF	2" Schedule 80 PVC Pressure Pipe	7.73	4.47
		15MOD-0108 For Work In Restricted Working Space, Add	2.00	
15064-0327	LF	2-1/2" Schedule 80 PVC Pressure Pipe	8.90	4.90
		15MOD-0108 For Work In Restricted Working Space, Add	2.20	
15064-0328	LF	3" Schedule 80 PVC Pressure Pipe	10.09	5.34
		15MOD-0108 For Work In Restricted Working Space, Add	2.40	
15064-0329	LF	4" Schedule 80 PVC Pressure Pipe	13.06	6.70
		15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15064-0330	LF	6" Schedule 80 PVC Pressure Pipe	19.14	8.88
		15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15064-0331	LF	8" Schedule 80 PVC Pressure Pipe	24.75	10.61
		15MOD-0108 For Work In Restricted Working Space, Add	4.78	
15064-0332	LF	10" Schedule 80 PVC Pressure Pipe	44.34	11.42
		15MOD-0108 For Work In Restricted Working Space, Add	5.14	
15064-0333		Schedule 80 PVC 90 Degree Elbows (15064-0319)		
15064-0334	EA	1/2" Schedule 80 PVC 90 Degree Elbows	10.43	6.70
		15MOD-0108 For Work In Restricted Working Space, Add	3.00	
		15MOD-0109 For Threaded Fittings, Add	1.50	
15064-0335	EA	3/4" Schedule 80 PVC 90 Degree Elbows	13.89	8.88
		15MOD-0108 For Work In Restricted Working Space, Add	4.01	
		15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0336	EA	1" Schedule 80 PVC 90 Degree Elbows	17.43	11.05
		15MOD-0108 For Work In Restricted Working Space, Add	4.97	
		15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0337	EA	1-1/4" Schedule 80 PVC 90 Degree Elbows	24.59	15.64
		15MOD-0108 For Work In Restricted Working Space, Add	7.03	
		15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0338	EA	1-1/2" Schedule 80 PVC 90 Degree Elbows	27.66	17.62
		15MOD-0108 For Work In Restricted Working Space, Add	7.92	
		15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0339	EA	2" Schedule 80 PVC 90 Degree Elbows	35.07	22.41
		15MOD-0108 For Work In Restricted Working Space, Add	10.07	
		15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0340	EA	2-1/2" Schedule 80 PVC 90 Degree Elbows	53.21	33.14
		15MOD-0108 For Work In Restricted Working Space, Add	14.90	
		15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0341	EA	3" Schedule 80 PVC 90 Degree Elbows	69.33	43.57
		15MOD-0108 For Work In Restricted Working Space, Add	19.60	
		15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0342	EA	4" Schedule 80 PVC 90 Degree Elbows	83.66	51.76
		15MOD-0108 For Work In Restricted Working Space, Add	23.28	
		15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0343	EA	6" Schedule 80 PVC 90 Degree Elbows	110.60	59.15
		15MOD-0108 For Work In Restricted Working Space, Add	26.60	
		15MOD-0109 For Threaded Fittings, Add	13.30	
15064-0344	EA	8" Schedule 80 PVC 90 Degree Elbows	151.14	69.02
		15MOD-0108 For Work In Restricted Working Space, Add	31.03	
		15MOD-0109 For Threaded Fittings, Add	15.52	
15064-0345	EA	10" Schedule 80 PVC 90 Degree Elbows	227.20	115.69
		15MOD-0108 For Work In Restricted Working Space, Add	52.03	
		15MOD-0109 For Threaded Fittings, Add	26.02	
15064-0346		Schedule 80 PVC 45 Degree Elbows (15064-0319)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0347	EA 1/2" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	10.81 3.00 1.50	6.70
15064-0348	EA 3/4" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	14.57 4.01 2.00	8.88
15064-0349	EA 1" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	18.38 4.97 2.48	11.05
15064-0350	EA 1-1/4" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	25.76 7.03 3.51	15.64
15064-0351	EA 1-1/2" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	29.17 7.92 3.96	17.62
15064-0352	EA 2" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	37.13 10.07 5.03	22.41
15064-0353	EA 2-1/2" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	57.19 14.90 7.45	33.14
15064-0354	EA 3" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	74.50 19.60 9.80	43.57
15064-0355	EA 4" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	94.11 23.28 11.64	51.76
15064-0356	EA 6" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	109.46 26.60 13.30	59.15
15064-0357	EA 8" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	148.53 31.03 15.52	69.02
15064-0358	EA 10" Schedule 80 PVC 45 Degree Elbows 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	224.27 52.03 26.02	115.69
15064-0359	Schedule 80 PVC Tees (15064-0319)		
15064-0360	EA 1/2" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	16.91 4.72 2.36	10.49
15064-0361	EA 3/4" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	21.27 6.01 3.00	13.35
15064-0362	EA 1" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	27.97 7.92 3.96	17.62
15064-0363	EA 1-1/4" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	37.87 10.07 5.03	22.41
15064-0364	EA 1-1/2" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	44.36 12.01 6.01	26.69
15064-0365	EA 2" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	55.06 14.90 7.45	33.14
15064-0366	EA 2-1/2" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	71.22 19.60 9.80	43.57
15064-0367	EA 3" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	84.94 23.28 11.64	51.76
15064-0368	EA 4" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	111.96 31.03 15.52	69.02
15064-0369	EA 6" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	162.58 40.04 20.02	89.00
15064-0370	EA 8" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	233.02 49.65 24.83	110.41
15064-0371	EA 10" Schedule 80 PVC Tees 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	446.03 74.21 37.10	164.97
15064-0372	Schedule 80 PVC Crosses (15064-0319)		
15064-0373	EA 1/2" Schedule 80 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	21.51 5.89 2.95	13.09
15064-0374	EA 3/4" Schedule 80 PVC Crosses 15MOD-0108 For Work In Restricted Working Space, Add 15MOD-0109 For Threaded Fittings, Add	26.99 7.51 3.75	16.70

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0375 EA 1" Schedule 80 PVC Crosses	35.47	22.03
15MOD-0108 For Work In Restricted Working Space, Add	9.91	
15MOD-0109 For Threaded Fittings, Add	4.95	
15064-0376 EA 1-1/4" Schedule 80 PVC Crosses	48.72	27.99
15MOD-0108 For Work In Restricted Working Space, Add	12.58	
15MOD-0109 For Threaded Fittings, Add	6.29	
15064-0377 EA 1-1/2" Schedule 80 PVC Crosses	56.84	33.39
15MOD-0108 For Work In Restricted Working Space, Add	15.02	
15MOD-0109 For Threaded Fittings, Add	7.51	
15064-0378 EA 2" Schedule 80 PVC Crosses	70.56	41.40
15MOD-0108 For Work In Restricted Working Space, Add	18.62	
15MOD-0109 For Threaded Fittings, Add	9.31	
15064-0379 EA 2-1/2" Schedule 80 PVC Crosses	90.89	54.49
15MOD-0108 For Work In Restricted Working Space, Add	24.50	
15MOD-0109 For Threaded Fittings, Add	12.25	
15064-0380 EA 3" Schedule 80 PVC Crosses	108.49	64.67
15MOD-0108 For Work In Restricted Working Space, Add	29.09	
15MOD-0109 For Threaded Fittings, Add	14.55	
15064-0381 EA 4" Schedule 80 PVC Crosses	142.67	86.27
15MOD-0108 For Work In Restricted Working Space, Add	38.79	
15MOD-0109 For Threaded Fittings, Add	19.40	
15064-0382 EA 6" Schedule 80 PVC Crosses	212.40	111.22
15MOD-0108 For Work In Restricted Working Space, Add	50.03	
15MOD-0109 For Threaded Fittings, Add	25.02	
15064-0383 EA 8" Schedule 80 PVC Crosses	312.61	137.91
15MOD-0108 For Work In Restricted Working Space, Add	62.03	
15MOD-0109 For Threaded Fittings, Add	31.02	
15064-0384 EA 10" Schedule 80 PVC Crosses	620.78	206.31
15MOD-0108 For Work In Restricted Working Space, Add	92.80	
15MOD-0109 For Threaded Fittings, Add	46.40	
15064-0385 Schedule 80 PVC Reducing Inserts (15064-0319)		
15064-0386 EA 3/4" Schedule 80 PVC Reducing Inserts.....	13.59	8.88
15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0387 EA 1" Schedule 80 PVC Reducing Inserts.....	17.26	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0388 EA 1-1/4" Schedule 80 PVC Reducing Inserts	24.53	15.64
15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0389 EA 1-1/2" Schedule 80 PVC Reducing Inserts	27.93	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0390 EA 2" Schedule 80 PVC Reducing Inserts.....	35.72	22.41
15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0391 EA 2-1/2" Schedule 80 PVC Reducing Inserts	53.41	33.14
15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0392 EA 3" Schedule 80 PVC Reducing Inserts.....	71.30	43.57
15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0393 EA 4" Schedule 80 PVC Reducing Inserts.....	85.87	51.76
15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0394 EA 6" Schedule 80 PVC Reducing Inserts.....	97.84	59.15
15MOD-0108 For Work In Restricted Working Space, Add	26.60	
15MOD-0109 For Threaded Fittings, Add	13.30	
15064-0395 EA 8" Schedule 80 PVC Reducing Inserts.....	123.82	69.02
15MOD-0108 For Work In Restricted Working Space, Add	31.03	
15MOD-0109 For Threaded Fittings, Add	15.52	
15064-0396 EA 10" Schedule 80 PVC Reducing Inserts.....	163.75	80.13
15MOD-0108 For Work In Restricted Working Space, Add	36.05	
15MOD-0109 For Threaded Fittings, Add	18.03	
15064-0397 Schedule 80 PVC Threaded Reducing Inserts (15064-0319)		
15064-0398 EA 1/2" Schedule 80 PVC Threaded Reducing Inserts	10.09	6.70
15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15MOD-0109 For Threaded Fittings, Add	1.50	
15064-0399 EA 3/4" Schedule 80 PVC Threaded Reducing Inserts	13.80	8.88
15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0400 EA 1" Schedule 80 PVC Threaded Reducing Inserts	17.26	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0401 EA 1-1/4" Schedule 80 PVC Threaded Reducing Inserts	24.86	15.64
15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0402 EA 1-1/2" Schedule 80 PVC Threaded Reducing Inserts	28.22	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0403 EA 2" Schedule 80 PVC Threaded Reducing Inserts.....	35.76	22.41
15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0404 EA 2-1/2" Schedule 80 PVC Threaded Reducing Inserts.....	54.33	33.14
15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0405 EA 3" Schedule 80 PVC Threaded Reducing Inserts.....	74.00	43.57
15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0406 EA 4" Schedule 80 PVC Threaded Reducing Inserts.....	90.92	51.76
15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0407 Schedule 80 PVC Socket Weld X Threaded Male Adapters (15064-0319)		
15064-0408 EA 1/2" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	11.00	6.70
15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15MOD-0109 For Threaded Fittings, Add	1.50	
15064-0409 EA 3/4" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	14.44	8.88
15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0410 EA 1" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	18.45	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0411 EA 1-1/4" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	25.65	15.64
15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0412 EA 1-1/2" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	29.61	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0413 EA 2" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	37.72	22.41
15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0414 EA 2-1/2" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	54.40	33.14
15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0415 EA 3" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	70.60	43.57
15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0416 EA 4" Schedule 80 PVC Socket Weld X Threaded Male Adapters.....	86.97	51.76
15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0417 Schedule 80 PVC Socket Weld X Threaded Female Adapters (15064-0319)		
15064-0418 EA 1/2" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	10.73	6.70
15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15MOD-0109 For Threaded Fittings, Add	1.50	
15064-0419 EA 3/4" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	14.42	8.88
15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0420 EA 1" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	18.13	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0421 EA 1-1/4" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	25.98	15.64
15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0422 EA 1-1/2" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	29.55	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0423 EA 2" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	39.02	22.41
15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0424 EA 2-1/2" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	58.30	33.14
15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0425 EA 3" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	75.07	43.57
15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0426 EA 4" Schedule 80 PVC Socket Weld X Threaded Female Adapters.....	94.33	51.76
15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0427 Schedule 80 PVC Couplings (15064-0319)		
15064-0428 EA 1/2" Schedule 80 PVC Couplings.....	10.77	6.70
15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15MOD-0109 For Threaded Fittings, Add	1.50	
15064-0429 EA 3/4" Schedule 80 PVC Couplings.....	14.38	8.88
15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0430 EA 1" Schedule 80 PVC Couplings.....	17.62	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0431 EA 1-1/4" Schedule 80 PVC Couplings	25.05	15.64
15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0432 EA 1-1/2" Schedule 80 PVC Couplings	28.17	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0433 EA 2" Schedule 80 PVC Couplings	35.43	22.41
15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0434 EA 2-1/2" Schedule 80 PVC Couplings	54.30	33.14
15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0435 EA 3" Schedule 80 PVC Couplings	70.67	43.57
15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0436 EA 4" Schedule 80 PVC Couplings	84.29	51.76
15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0437 EA 6" Schedule 80 PVC Couplings	103.07	59.15
15MOD-0108 For Work In Restricted Working Space, Add	26.60	
15MOD-0109 For Threaded Fittings, Add	13.30	
15064-0438 EA 8" Schedule 80 PVC Couplings	123.05	69.02
15MOD-0108 For Work In Restricted Working Space, Add	31.03	
15MOD-0109 For Threaded Fittings, Add	15.52	
15064-0439 EA 10" Schedule 80 PVC Couplings	168.84	73.98
15MOD-0108 For Work In Restricted Working Space, Add	33.26	
15MOD-0109 For Threaded Fittings, Add	16.63	
15064-0440 Schedule 80 PVC Unions (15064-0319)		
15064-0441 EA 1/2" Schedule 80 PVC Unions	18.27	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0442 EA 3/4" Schedule 80 PVC Unions	22.00	13.35
15MOD-0108 For Work In Restricted Working Space, Add	6.01	
15MOD-0109 For Threaded Fittings, Add	3.00	
15064-0443 EA 1" Schedule 80 PVC Unions	28.67	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0444 EA 1-1/4" Schedule 80 PVC Unions	39.21	22.41
15MOD-0108 For Work In Restricted Working Space, Add	10.07	
15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0445 EA 1-1/2" Schedule 80 PVC Unions	47.32	26.69
15MOD-0108 For Work In Restricted Working Space, Add	12.01	
15MOD-0109 For Threaded Fittings, Add	6.01	
15064-0446 EA 2" Schedule 80 PVC Unions	59.51	33.14
15MOD-0108 For Work In Restricted Working Space, Add	14.90	
15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0447 EA 2-1/2" Schedule 80 PVC Unions	83.70	43.57
15MOD-0108 For Work In Restricted Working Space, Add	19.60	
15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0448 EA 3" Schedule 80 PVC Unions	101.26	51.76
15MOD-0108 For Work In Restricted Working Space, Add	23.28	
15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0449 EA 4" Schedule 80 PVC Unions	132.11	69.02
15MOD-0108 For Work In Restricted Working Space, Add	31.03	
15MOD-0109 For Threaded Fittings, Add	15.52	
15064-0450 EA 6" Schedule 80 PVC Unions	171.75	89.00
15MOD-0108 For Work In Restricted Working Space, Add	40.03	
15MOD-0109 For Threaded Fittings, Add	20.01	
15064-0451 EA 8" Schedule 80 PVC Unions	228.66	110.35
15MOD-0108 For Work In Restricted Working Space, Add	49.63	
15MOD-0109 For Threaded Fittings, Add	24.81	
15064-0452 EA 10" Schedule 80 PVC Unions	309.32	136.79
15MOD-0108 For Work In Restricted Working Space, Add	61.52	
15MOD-0109 For Threaded Fittings, Add	30.76	
15064-0453 Schedule 80 PVC Caps (15064-0319)		
15064-0454 EA 1/2" Schedule 80 PVC Caps	11.09	6.70
15MOD-0108 For Work In Restricted Working Space, Add	3.00	
15MOD-0109 For Threaded Fittings, Add	1.50	
15064-0455 EA 3/4" Schedule 80 PVC Caps	14.49	8.88
15MOD-0108 For Work In Restricted Working Space, Add	4.01	
15MOD-0109 For Threaded Fittings, Add	2.00	
15064-0456 EA 1" Schedule 80 PVC Caps	18.57	11.05
15MOD-0108 For Work In Restricted Working Space, Add	4.97	
15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0457 EA 1-1/4" Schedule 80 PVC Caps	25.85	15.64
15MOD-0108 For Work In Restricted Working Space, Add	7.03	
15MOD-0109 For Threaded Fittings, Add	3.51	
15064-0458 EA 1-1/2" Schedule 80 PVC Caps	28.84	17.62
15MOD-0108 For Work In Restricted Working Space, Add	7.92	
15MOD-0109 For Threaded Fittings, Add	3.96	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0459	EA 2" Schedule 80 PVC Caps.....	37.20	22.41
	15MOD-0108 For Work In Restricted Working Space, Add	10.07	
	15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0460	EA 2-1/2" Schedule 80 PVC Caps.....	57.15	33.14
	15MOD-0108 For Work In Restricted Working Space, Add	14.90	
	15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0461	EA 3" Schedule 80 PVC Caps.....	74.50	43.57
	15MOD-0108 For Work In Restricted Working Space, Add	19.60	
	15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0462	EA 4" Schedule 80 PVC Caps.....	92.33	51.76
	15MOD-0108 For Work In Restricted Working Space, Add	23.28	
	15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0463	EA 6" Schedule 80 PVC Caps.....	125.29	59.15
	15MOD-0108 For Work In Restricted Working Space, Add	26.60	
	15MOD-0109 For Threaded Fittings, Add	13.30	
15064-0464	EA 8" Schedule 80 PVC Caps.....	153.76	69.02
	15MOD-0108 For Work In Restricted Working Space, Add	31.03	
	15MOD-0109 For Threaded Fittings, Add	15.52	
15064-0465	EA 10" Schedule 80 PVC Caps.....	203.53	73.98
	15MOD-0108 For Work In Restricted Working Space, Add	33.26	
	15MOD-0109 For Threaded Fittings, Add	16.63	
15064-0466	Schedule 80 PVC 150 LB Flanges (15064-0319)		
15064-0467	EA 1/2" Schedule 80 PVC 150 LB Flanges.....	19.88	11.05
	15MOD-0108 For Work In Restricted Working Space, Add	4.97	
	15MOD-0109 For Threaded Fittings, Add	2.48	
15064-0468	EA 3/4" Schedule 80 PVC 150 LB Flanges.....	23.59	13.35
	15MOD-0108 For Work In Restricted Working Space, Add	6.01	
	15MOD-0109 For Threaded Fittings, Add	3.00	
15064-0469	EA 1" Schedule 80 PVC 150 LB Flanges.....	30.39	17.62
	15MOD-0108 For Work In Restricted Working Space, Add	7.92	
	15MOD-0109 For Threaded Fittings, Add	3.96	
15064-0470	EA 1-1/4" Schedule 80 PVC 150 LB Flanges.....	37.64	22.41
	15MOD-0108 For Work In Restricted Working Space, Add	10.07	
	15MOD-0109 For Threaded Fittings, Add	5.03	
15064-0471	EA 1-1/2" Schedule 80 PVC 150 LB Flanges.....	44.22	26.69
	15MOD-0108 For Work In Restricted Working Space, Add	12.01	
	15MOD-0109 For Threaded Fittings, Add	6.01	
15064-0472	EA 2" Schedule 80 PVC 150 LB Flanges.....	55.21	33.14
	15MOD-0108 For Work In Restricted Working Space, Add	14.90	
	15MOD-0109 For Threaded Fittings, Add	7.45	
15064-0473	EA 2-1/2" Schedule 80 PVC 150 LB Flanges.....	73.92	43.57
	15MOD-0108 For Work In Restricted Working Space, Add	19.60	
	15MOD-0109 For Threaded Fittings, Add	9.80	
15064-0474	EA 3" Schedule 80 PVC 150 LB Flanges.....	87.07	51.76
	15MOD-0108 For Work In Restricted Working Space, Add	23.28	
	15MOD-0109 For Threaded Fittings, Add	11.64	
15064-0475	EA 4" Schedule 80 PVC 150 LB Flanges.....	115.45	69.02
	15MOD-0108 For Work In Restricted Working Space, Add	31.03	
	15MOD-0109 For Threaded Fittings, Add	15.52	
15064-0476	EA 6" Schedule 80 PVC 150 LB Flanges.....	152.30	89.00
	15MOD-0108 For Work In Restricted Working Space, Add	40.03	
	15MOD-0109 For Threaded Fittings, Add	20.01	
15064-0477	EA 8" Schedule 80 PVC 150 LB Flanges.....	208.02	110.35
	15MOD-0108 For Work In Restricted Working Space, Add	49.63	
	15MOD-0109 For Threaded Fittings, Add	24.81	
15064-0478	EA 10" Schedule 80 PVC 150 LB Flanges.....	301.09	136.79
	15MOD-0108 For Work In Restricted Working Space, Add	61.52	
	15MOD-0109 For Threaded Fittings, Add	30.76	
15064-0479	Cut And Prepare Existing PVC Pressure Pipe (15064-0156)		
	Note: In place pipe.		
15064-0480	EA 1/2", Cut And Prepare Existing PVC Pressure Pipe.....	3.37	
	15MOD-0108 For Work In Restricted Working Space, Add	1.01	
15064-0481	EA 3/4", Cut And Prepare Existing PVC Pressure Pipe.....	3.64	
	15MOD-0108 For Work In Restricted Working Space, Add	1.09	
15064-0482	EA 1", Cut And Prepare Existing PVC Pressure Pipe.....	4.09	
	15MOD-0108 For Work In Restricted Working Space, Add	1.23	
15064-0483	EA 1-1/4", Cut And Prepare Existing PVC Pressure Pipe.....	4.30	
	15MOD-0108 For Work In Restricted Working Space, Add	1.29	
15064-0484	EA 1-1/2", Cut And Prepare Existing PVC Pressure Pipe.....	4.55	
	15MOD-0108 For Work In Restricted Working Space, Add	1.37	
15064-0485	EA 2", Cut And Prepare Existing PVC Pressure Pipe.....	5.01	
	15MOD-0108 For Work In Restricted Working Space, Add	1.50	
15064-0486	EA 2-1/2", Cut And Prepare Existing PVC Pressure Pipe.....	5.39	
	15MOD-0108 For Work In Restricted Working Space, Add	1.62	
15064-0487	EA 3", Cut And Prepare Existing PVC Pressure Pipe.....	6.37	
	15MOD-0108 For Work In Restricted Working Space, Add	1.91	
15064-0488	EA 4", Cut And Prepare Existing PVC Pressure Pipe.....	8.60	
	15MOD-0108 For Work In Restricted Working Space, Add	2.58	
15064-0489	EA 6", Cut And Prepare Existing PVC Pressure Pipe.....	12.28	
	15MOD-0108 For Work In Restricted Working Space, Add	3.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0490	EA	8", Cut And Prepare Existing PVC Pressure Pipe.....	16.38	
	15MOD-0108	For Work In Restricted Working Space, Add	4.91	
15064-0491	EA	10", Cut And Prepare Existing PVC Pressure Pipe.....	20.02	
	15MOD-0108	For Work In Restricted Working Space, Add	6.01	
15064-0492		Polypropylene Acid Resistant (15064)		
15064-0493		Domestic Waste And Vent Pipe And Fuseal Fittings, Schedule 40 (15064-0492)		
15064-0494		Pipe (15064-0493)		
15064-0495	LF	1-1/2" Pipe, Polypropylene Acid Resistant Schedule 40 DWV.....	8.92	3.54
	15MOD-0105	For Schedule 80, Add	1.87	
	15MOD-0106	For Fire Retardant Proxylene Pipe, Add	1.60	
	15MOD-0108	For Work In Restricted Working Space, Add	1.60	
15064-0496	LF	2" Pipe, Polypropylene Acid Resistant Schedule 40 DWV.....	10.84	3.97
	15MOD-0105	For Schedule 80, Add	2.52	
	15MOD-0106	For Fire Retardant Proxylene Pipe, Add	2.16	
	15MOD-0108	For Work In Restricted Working Space, Add	1.80	
15064-0497	LF	3" Pipe, Polypropylene Acid Resistant Schedule 40 DWV.....	17.44	5.77
	15MOD-0105	For Schedule 80, Add	4.56	
	15MOD-0106	For Fire Retardant Proxylene Pipe, Add	3.90	
	15MOD-0108	For Work In Restricted Working Space, Add	2.60	
15064-0498	LF	4" Pipe, Polypropylene Acid Resistant Schedule 40 DWV.....	23.72	7.51
	15MOD-0105	For Schedule 80, Add	6.46	
	15MOD-0106	For Fire Retardant Proxylene Pipe, Add	5.53	
	15MOD-0108	For Work In Restricted Working Space, Add	3.39	
15064-0499	LF	6" Pipe, Polypropylene Acid Resistant Schedule 40 DWV.....	38.96	11.05
	15MOD-0105	For Schedule 80, Add	11.65	
	15MOD-0106	For Fire Retardant Proxylene Pipe, Add	9.97	
	15MOD-0108	For Work In Restricted Working Space, Add	4.97	
15064-0500		1/4 Bends (15064-0493)		
15064-0501	EA	1-1/2" 1/4 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	34.48	13.35
	15MOD-0108	For Work In Restricted Working Space, Add	6.01	
15064-0502	EA	2" 1/4 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	44.37	17.62
	15MOD-0108	For Work In Restricted Working Space, Add	7.92	
15064-0503	EA	3" 1/4 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	60.76	20.18
	15MOD-0108	For Work In Restricted Working Space, Add	9.08	
15064-0504	EA	4" 1/4 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	88.58	26.69
	15MOD-0108	For Work In Restricted Working Space, Add	12.01	
15064-0505	EA	6" 1/4 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	178.41	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0506		1/8 Bends (15064-0493)		
15064-0507	EA	1-1/2" 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	34.24	13.35
	15MOD-0108	For Work In Restricted Working Space, Add	6.01	
15064-0508	EA	2" 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	43.72	17.62
	15MOD-0108	For Work In Restricted Working Space, Add	7.92	
15064-0509	EA	3" 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	62.01	20.18
	15MOD-0108	For Work In Restricted Working Space, Add	9.08	
15064-0510	EA	4" 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	76.04	26.69
	15MOD-0108	For Work In Restricted Working Space, Add	12.01	
15064-0511	EA	6" 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV.....	158.97	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0512		Sanitary Tees (15064-0493)		
15064-0513	EA	1-1/2" Sanitary Tee, Polypropylene Acid Resistant Schedule 40 DWV.....	60.76	28.55
	15MOD-0108	For Work In Restricted Working Space, Add	12.84	
15064-0514	EA	2" Sanitary Tee, Polypropylene Acid Resistant Schedule 40 DWV.....	75.49	35.99
	15MOD-0108	For Work In Restricted Working Space, Add	16.19	
15064-0515	EA	3" Sanitary Tee, Polypropylene Acid Resistant Schedule 40 DWV.....	102.16	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0516	EA	4" Sanitary Tee, Polypropylene Acid Resistant Schedule 40 DWV.....	142.06	51.76
	15MOD-0108	For Work In Restricted Working Space, Add	23.28	
15064-0517	EA	6" Sanitary Tee, Polypropylene Acid Resistant Schedule 40 DWV.....	252.35	82.79
	15MOD-0108	For Work In Restricted Working Space, Add	37.24	
15064-0518		Reducing Sanitary Tees (15064-0493)		
15064-0519	EA	2" x 2" x 1-1/2" Sanitary Tee, Reducing, Polypropylene Acid Resistant Schedule 40 DWV.....	75.46	35.99
	15MOD-0108	For Work In Restricted Working Space, Add	16.19	
15064-0520	EA	3" x 3" x 2" Sanitary Tee, Reducing, Polypropylene Acid Resistant Schedule 40 DWV.....	99.16	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0521	EA	3" x 3" x 1-1/2" Sanitary Tee, Reducing, Polypropylene Acid Resistant Schedule 40 DWV.....	96.49	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0522	EA	4" x 4" x 2" Sanitary Tee, Reducing, Polypropylene Acid Resistant Schedule 40 DWV.....	135.21	51.76
	15MOD-0108	For Work In Restricted Working Space, Add	23.28	
15064-0523	EA	4" x 4" x 3" Sanitary Tee, Reducing, Polypropylene Acid Resistant Schedule 40 DWV.....	137.79	51.76
	15MOD-0108	For Work In Restricted Working Space, Add	23.28	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0524	EA 6" x 6" x 4" Sanitary Tee, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	233.27 37.24	82.79
15064-0525	Cleanout Tees With Plug (15064-0493)		
15064-0526	EA 1-1/2" Cleanout Tee With Plug, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	69.53 12.84	28.55
15064-0527	EA 2" Cleanout Tee With Plug, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	77.61 16.19	35.99
15064-0528	EA 3" Cleanout Tee With Plug, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	108.66 17.73	39.41
15064-0529	EA 4" Cleanout Tee With Plug, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	145.05 23.28	51.76
15064-0530	EA 6" Cleanout Tee With Plug, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	215.35 37.24	82.79
15064-0531	Wyes (15064-0493)		
15064-0532	EA 1-1/2" Wye, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	65.69 12.84	28.55
15064-0533	EA 2" Wye, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	80.05 16.19	35.99
15064-0534	EA 3" Wye, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	104.88 17.73	39.41
15064-0535	EA 4" Wye, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	144.31 23.28	51.76
15064-0536	EA 6" Wye, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	293.52 37.24	82.79
15064-0537	Reducing Wyes (15064-0493)		
15064-0538	EA 2" x 2" x 1-1/2" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	86.08 16.19	35.99
15064-0539	EA 3" x 3" x 1-1/2" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	101.79 17.73	39.41
15064-0540	EA 3" x 3" x 2" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	101.79 17.73	39.41
15064-0541	EA 4" x 4" x 2" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	141.64 23.28	51.76
15064-0542	EA 4" x 4" x 3" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	141.64 23.28	51.76
15064-0543	EA 6" x 6" x 2" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	258.06 37.24	82.79
15064-0544	EA 6" x 6" x 3" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	260.13 37.24	82.79
15064-0545	EA 6" x 6" x 4" Wye, Reducing, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	234.14 37.24	82.79
15064-0546	Crosses (15064-0493)		
15064-0547	EA 1-1/2" Sanitary Cross, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	81.67 16.05	35.69
15064-0548	EA 2" Sanitary Cross, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	101.21 20.24	45.00
15064-0549	EA 3" Sanitary Cross, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	141.37 22.16	49.28
15064-0550	EA 4" Sanitary Cross, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	198.04 29.09	64.67
15064-0551	EA 6" Sanitary Cross, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	356.16 46.55	103.46
15064-0552	Combination Wye And 1/8 Bends (15064-0493)		
15064-0553	EA 1-1/2" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	59.16 12.84	28.55
15064-0554	EA 2" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	77.87 16.19	35.99
15064-0555	EA 3" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	89.69 17.73	39.41
15064-0556	EA 4" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	125.15 23.28	51.76
15064-0557	EA 2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	70.76 16.19	35.99
15064-0558	EA 3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	86.83 17.73	39.41
15064-0559	EA 3" x 3" x 2" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	87.98 17.73	39.41
15064-0560	EA 4" x 4" x 2" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	120.89 23.28	51.76
15064-0561	EA 4" x 4" x 3" Combination Wye And 1/8 Bend, Polypropylene Acid Resistant Schedule 40 DWV 15MOD-0108 For Work In Restricted Working Space, Add	121.62 23.28	51.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0562		P-Traps With Fuseal Connection <small>(15064-0493)</small>		
15064-0563	EA	1-1/2" P-Trap With Fuseal Connection, Polypropylene Acid Resistant Schedule 40 DWV.....	70.17	33.14
	15MOD-0108	For Work In Restricted Working Space, Add	14.90	
15064-0564	EA	2" P-Trap With Fuseal Connection, Polypropylene Acid Resistant Schedule 40 DWV.....	93.56	43.57
	15MOD-0108	For Work In Restricted Working Space, Add	19.60	
15064-0565	EA	3" P-Trap With Fuseal Connection, Polypropylene Acid Resistant Schedule 40 DWV.....	144.19	59.15
	15MOD-0108	For Work In Restricted Working Space, Add	26.60	
15064-0566	EA	4" P-Trap With Fuseal Connection, Polypropylene Acid Resistant Schedule 40 DWV.....	206.15	75.29
	15MOD-0108	For Work In Restricted Working Space, Add	33.85	
15064-0567		Hub Adapters <small>(15064-0493)</small>		
15064-0568	EA	1-1/2" Hub Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	33.80	13.35
	15MOD-0108	For Work In Restricted Working Space, Add	6.01	
15064-0569	EA	2" Hub Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	40.77	17.62
	15MOD-0108	For Work In Restricted Working Space, Add	7.92	
15064-0570	EA	3" Hub Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	48.04	20.18
	15MOD-0108	For Work In Restricted Working Space, Add	9.08	
15064-0571	EA	4" Hub Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	65.66	26.69
	15MOD-0108	For Work In Restricted Working Space, Add	12.01	
15064-0572	EA	6" Hub Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	97.47	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0573		Mechanical Joint Adapters <small>(15064-0493)</small>		
15064-0574	EA	1-1/2" Mechanical Joint Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	32.07	13.35
	15MOD-0108	For Work In Restricted Working Space, Add	6.01	
15064-0575	EA	2" Mechanical Joint Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	42.08	17.62
	15MOD-0108	For Work In Restricted Working Space, Add	7.92	
15064-0576	EA	3" Mechanical Joint Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	50.44	20.18
	15MOD-0108	For Work In Restricted Working Space, Add	9.08	
15064-0577	EA	4" Mechanical Joint Adapter, Polypropylene Acid Resistant Schedule 40 DWV.....	68.01	26.69
	15MOD-0108	For Work In Restricted Working Space, Add	12.01	
15064-0578		Couplings <small>(15064-0493)</small>		
15064-0579	EA	1-1/2" Couplings, Polypropylene Acid Resistant Schedule 40 DWV.....	29.92	13.35
	15MOD-0108	For Work In Restricted Working Space, Add	6.01	
15064-0580	EA	2" Coupling, Polypropylene Acid Resistant Schedule 40 DWV.....	38.22	17.62
	15MOD-0108	For Work In Restricted Working Space, Add	7.92	
15064-0581	EA	3" Coupling, Polypropylene Acid Resistant Schedule 40 DWV.....	44.60	20.18
	15MOD-0108	For Work In Restricted Working Space, Add	9.08	
15064-0582	EA	4" Coupling, Polypropylene Acid Resistant Schedule 40 DWV.....	58.99	26.69
	15MOD-0108	For Work In Restricted Working Space, Add	12.01	
15064-0583	EA	6" Coupling, Polypropylene Acid Resistant Schedule 40 DWV.....	86.66	39.41
	15MOD-0108	For Work In Restricted Working Space, Add	17.73	
15064-0584		Polyethylene Pipe And Fittings <small>(15064)</small>		
15064-0585		Standard Dimension Ratio SDR-21, ASTM D3035 <small>(15064-0584)</small>		
15064-0586		Pipe <small>(15064-0585)</small>		
15064-0587	LF	1" Pipe, Polyethylene.....	8.55	5.35
	15MOD-0108	For Work In Restricted Working Space, Add	2.40	
15064-0588	LF	2" Pipe, Polyethylene.....	9.41	5.85
	15MOD-0108	For Work In Restricted Working Space, Add	2.64	
15064-0589	LF	3" Pipe, Polyethylene.....	9.44	5.86
	15MOD-0108	For Work In Restricted Working Space, Add	2.64	
15064-0590	LF	4" Pipe, Polyethylene.....	12.51	7.62
	15MOD-0108	For Work In Restricted Working Space, Add	3.44	
15064-0591	LF	6" Pipe, Polyethylene.....	19.08	11.21
	15MOD-0108	For Work In Restricted Working Space, Add	5.04	
15064-0592	LF	8" Pipe, Polyethylene.....	26.76	15.24
	15MOD-0108	For Work In Restricted Working Space, Add	6.87	
15064-0593	LF	10" Pipe, Polyethylene.....	35.23	19.48
	15MOD-0108	For Work In Restricted Working Space, Add	8.77	
15064-0594	LF	12" Pipe, Polyethylene.....	43.23	23.24
	15MOD-0108	For Work In Restricted Working Space, Add	10.44	
15064-0595	LF	14" Pipe, Polyethylene.....	56.13	30.62
	15MOD-0108	For Work In Restricted Working Space, Add	13.79	
15064-0596		90 Degree Elbows <small>(15064-0585)</small>		
15064-0597	EA	3" 90 Degree Elbows, Polyethylene.....	46.87	20.48
	15MOD-0107	For Heat Weld Fittings, Add	6.15	
	15MOD-0108	For Work In Restricted Working Space, Add	9.22	
15064-0598	EA	4" 90 Degree Elbows, Polyethylene.....	65.94	27.09
	15MOD-0107	For Heat Weld Fittings, Add	8.13	
	15MOD-0108	For Work In Restricted Working Space, Add	12.19	
15064-0599	EA	6" 90 Degree Elbows, Polyethylene.....	114.18	40.01
	15MOD-0107	For Heat Weld Fittings, Add	12.00	
	15MOD-0108	For Work In Restricted Working Space, Add	18.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0600	EA 8" 90 Degree Elbows, Polyethylene.....	189.02	75.64
	15MOD-0107 For Heat Weld Fittings, Add	22.68	
	15MOD-0108 For Work In Restricted Working Space, Add	34.02	
15064-0601	EA 10" 90 Degree Elbows, Polyethylene.....	245.19	86.42
	15MOD-0107 For Heat Weld Fittings, Add	25.92	
	15MOD-0108 For Work In Restricted Working Space, Add	38.88	
15064-0602	EA 12" 90 Degree Elbows, Polyethylene.....	333.93	112.66
	15MOD-0107 For Heat Weld Fittings, Add	33.79	
	15MOD-0108 For Work In Restricted Working Space, Add	50.68	
15064-0603	EA 14" 90 Degree Elbows, Polyethylene.....	420.19	132.84
	15MOD-0107 For Heat Weld Fittings, Add	39.83	
	15MOD-0108 For Work In Restricted Working Space, Add	59.75	
15064-0604	45 Degree Elbows (15064-0585)		
15064-0605	EA 3" 45 Degree Elbows, Polyethylene.....	58.37	20.48
	15MOD-0107 For Heat Weld Fittings, Add	6.15	
	15MOD-0108 For Work In Restricted Working Space, Add	9.22	
15064-0606	EA 4" 45 Degree Elbows, Polyethylene.....	90.06	27.09
	15MOD-0107 For Heat Weld Fittings, Add	8.13	
	15MOD-0108 For Work In Restricted Working Space, Add	12.19	
15064-0607	EA 6" 45 Degree Elbows, Polyethylene.....	119.23	40.01
	15MOD-0107 For Heat Weld Fittings, Add	12.00	
	15MOD-0108 For Work In Restricted Working Space, Add	18.00	
15064-0608	EA 8" 45 Degree Elbows, Polyethylene.....	264.09	75.64
	15MOD-0107 For Heat Weld Fittings, Add	22.68	
	15MOD-0108 For Work In Restricted Working Space, Add	34.02	
15064-0609	EA 10" 45 Degree Elbows, Polyethylene.....	348.44	86.42
	15MOD-0107 For Heat Weld Fittings, Add	25.92	
	15MOD-0108 For Work In Restricted Working Space, Add	38.88	
15064-0610	EA 12" 45 Degree Elbows, Polyethylene.....	513.52	112.66
	15MOD-0107 For Heat Weld Fittings, Add	33.79	
	15MOD-0108 For Work In Restricted Working Space, Add	50.68	
15064-0611	EA 14" 45 Degree Elbows, Polyethylene.....	645.99	132.84
	15MOD-0107 For Heat Weld Fittings, Add	39.83	
	15MOD-0108 For Work In Restricted Working Space, Add	59.75	
15064-0612	Tees (15064-0585)		
15064-0613	EA 3" Tees, Polyethylene.....	77.48	40.01
	15MOD-0107 For Heat Weld Fittings, Add	12.00	
	15MOD-0108 For Work In Restricted Working Space, Add	18.00	
15064-0614	EA 4" Tees, Polyethylene.....	106.37	52.54
	15MOD-0107 For Heat Weld Fittings, Add	15.75	
	15MOD-0108 For Work In Restricted Working Space, Add	23.63	
15064-0615	EA 6" Tees, Polyethylene.....	194.73	84.04
	15MOD-0107 For Heat Weld Fittings, Add	25.20	
	15MOD-0108 For Work In Restricted Working Space, Add	37.80	
15064-0616	EA 8" Tees, Polyethylene.....	329.41	149.82
	15MOD-0107 For Heat Weld Fittings, Add	44.93	
	15MOD-0108 For Work In Restricted Working Space, Add	67.39	
15064-0617	EA 10" Tees, Polyethylene.....	407.50	173.83
	15MOD-0107 For Heat Weld Fittings, Add	52.12	
	15MOD-0108 For Work In Restricted Working Space, Add	78.17	
15064-0618	EA 12" Tees, Polyethylene.....	547.59	223.66
	15MOD-0107 For Heat Weld Fittings, Add	67.07	
	15MOD-0108 For Work In Restricted Working Space, Add	100.61	
15064-0619	EA 14" Tees, Polyethylene.....	636.45	263.52
	15MOD-0107 For Heat Weld Fittings, Add	79.01	
	15MOD-0108 For Work In Restricted Working Space, Add	118.52	
15064-0620	Crosses (15064-0585)		
15064-0621	EA 3" Cross, Polyethylene.....	102.39	50.02
	15MOD-0107 For Heat Weld Fittings, Add	15.00	
	15MOD-0108 For Work In Restricted Working Space, Add	22.50	
15064-0622	EA 4" Cross, Polyethylene.....	141.73	65.65
	15MOD-0107 For Heat Weld Fittings, Add	19.69	
	15MOD-0108 For Work In Restricted Working Space, Add	29.53	
15064-0623	EA 6" Cross, Polyethylene.....	265.24	105.02
	15MOD-0107 For Heat Weld Fittings, Add	31.50	
	15MOD-0108 For Work In Restricted Working Space, Add	47.25	
15064-0624	EA 8" Cross, Polyethylene.....	445.04	187.26
	15MOD-0107 For Heat Weld Fittings, Add	56.16	
	15MOD-0108 For Work In Restricted Working Space, Add	84.24	
15064-0625	EA 10" Cross, Polyethylene.....	556.04	217.25
	15MOD-0107 For Heat Weld Fittings, Add	65.15	
	15MOD-0108 For Work In Restricted Working Space, Add	97.72	
15064-0626	EA 12" Cross, Polyethylene.....	751.91	279.60
	15MOD-0107 For Heat Weld Fittings, Add	83.84	
	15MOD-0108 For Work In Restricted Working Space, Add	125.76	
15064-0627	EA 14" Cross, Polyethylene.....	872.24	329.43
	15MOD-0107 For Heat Weld Fittings, Add	98.77	
	15MOD-0108 For Work In Restricted Working Space, Add	148.16	

15000 Mechanical**15050 Basic Materials And Methods****15064 Plastic Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0628		45 Degree Wyes <small>(15064-0585)</small>		
15064-0629	EA	3" 45 Degree Wyes, Polyethylene.....	123.26	40.01
	15MOD-0107	For Heat Weld Fittings, Add	12.00	
	15MOD-0108	For Work In Restricted Working Space, Add	18.00	
15064-0630	EA	4" 45 Degree Wyes, Polyethylene.....	147.35	52.54
	15MOD-0107	For Heat Weld Fittings, Add	15.75	
	15MOD-0108	For Work In Restricted Working Space, Add	23.63	
15064-0631	EA	6" 45 Degree Wyes, Polyethylene.....	238.19	84.04
	15MOD-0107	For Heat Weld Fittings, Add	25.20	
	15MOD-0108	For Work In Restricted Working Space, Add	37.80	
15064-0632	EA	8" 45 Degree Wyes, Polyethylene.....	365.88	149.89
	15MOD-0107	For Heat Weld Fittings, Add	44.95	
	15MOD-0108	For Work In Restricted Working Space, Add	67.42	
15064-0633	EA	10" 45 Degree Wyes, Polyethylene.....	440.81	173.83
	15MOD-0107	For Heat Weld Fittings, Add	52.12	
	15MOD-0108	For Work In Restricted Working Space, Add	78.17	
15064-0634	EA	12" 45 Degree Wyes, Polyethylene.....	649.17	223.79
	15MOD-0107	For Heat Weld Fittings, Add	67.11	
	15MOD-0108	For Work In Restricted Working Space, Add	100.66	
15064-0635	EA	14" 45 Degree Wyes, Polyethylene.....	751.44	263.52
	15MOD-0107	For Heat Weld Fittings, Add	79.01	
	15MOD-0108	For Work In Restricted Working Space, Add	118.52	
15064-0636		Reducers <small>(15064-0585)</small>		
15064-0637	EA	4" x 3" Reducers, Polyethylene.....	68.86	27.09
	15MOD-0107	For Heat Weld Fittings, Add	8.13	
	15MOD-0108	For Work In Restricted Working Space, Add	12.19	
15064-0638	EA	6" x 4" Reducers, Polyethylene.....	121.14	40.01
	15MOD-0107	For Heat Weld Fittings, Add	12.00	
	15MOD-0108	For Work In Restricted Working Space, Add	18.00	
15064-0639	EA	8" x 6" Reducers, Polyethylene.....	198.62	80.86
	15MOD-0107	For Heat Weld Fittings, Add	24.25	
	15MOD-0108	For Work In Restricted Working Space, Add	36.38	
15064-0640	EA	10" x 8" Reducers, Polyethylene.....	242.93	92.83
	15MOD-0107	For Heat Weld Fittings, Add	27.84	
	15MOD-0108	For Work In Restricted Working Space, Add	41.75	
15064-0641	EA	12" x 10" Reducers, Polyethylene.....	304.52	115.03
	15MOD-0107	For Heat Weld Fittings, Add	34.50	
	15MOD-0108	For Work In Restricted Working Space, Add	51.75	
15064-0642	EA	14" x 12" Reducers, Polyethylene.....	344.03	133.88
	15MOD-0107	For Heat Weld Fittings, Add	40.15	
	15MOD-0108	For Work In Restricted Working Space, Add	60.23	
15064-0643		Caps <small>(15064-0585)</small>		
15064-0644	EA	3" Caps, Polyethylene.....	20.91	8.38
	15MOD-0107	For Heat Weld Fittings, Add	2.52	
	15MOD-0108	For Work In Restricted Working Space, Add	3.78	
15064-0645	EA	4" Caps, Polyethylene.....	36.25	14.75
	15MOD-0107	For Heat Weld Fittings, Add	4.41	
	15MOD-0108	For Work In Restricted Working Space, Add	6.62	
15064-0646	EA	6" Caps, Polyethylene.....	56.45	24.38
	15MOD-0107	For Heat Weld Fittings, Add	7.30	
	15MOD-0108	For Work In Restricted Working Space, Add	10.96	
15064-0647	EA	8" Caps, Polyethylene.....	101.00	45.51
	15MOD-0107	For Heat Weld Fittings, Add	13.64	
	15MOD-0108	For Work In Restricted Working Space, Add	20.47	
15064-0648		Flange Assemblies <small>(15064-0585)</small>		
15064-0649	EA	3" Flange Assemblies, Polyethylene.....	60.65	20.48
	15MOD-0108	For Work In Restricted Working Space, Add	9.22	
15064-0650	EA	4" Flange Assemblies, Polyethylene.....	83.32	27.09
	15MOD-0108	For Work In Restricted Working Space, Add	12.19	
15064-0651	EA	6" Flange Assemblies, Polyethylene.....	115.85	40.01
	15MOD-0108	For Work In Restricted Working Space, Add	18.00	
15064-0652	EA	8" Flange Assemblies, Polyethylene.....	144.02	48.78
	15MOD-0108	For Work In Restricted Working Space, Add	21.94	
15064-0653	EA	10" Flange Assemblies, Polyethylene.....	184.64	61.17
	15MOD-0108	For Work In Restricted Working Space, Add	27.52	
15064-0654	EA	12" Flange Assemblies, Polyethylene.....	239.49	69.52
	15MOD-0108	For Work In Restricted Working Space, Add	31.27	
15064-0655	EA	14" Flange Assemblies, Polyethylene.....	296.34	84.62
	15MOD-0108	For Work In Restricted Working Space, Add	38.07	
15064-0656		Small Diameter Tubing <small>(15064-0584)</small>		
15064-0657		Tubing <small>(15064-0656)</small>		
15064-0658	LF	1/4" Polyethylene Tubing.....	1.94	
	15MOD-0108	For Work In Restricted Working Space, Add	0.56	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0659	LF 5/16" Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	2.03 0.58	
15064-0660	LF 3/8" Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	2.09 0.59	
15064-0661	LF 1/2" Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	2.22 0.63	
15064-0662	Cross-Linked Polyethylene Tubing, ASTM F877 (15064-0584) Note: Aboveground, domestic water usage		
15064-0663	Cross-Linked Polyethylene Tubing (15064-0662)		
15064-0664	LF 3/8" Cross-Linked Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	2.41 0.59	
15064-0665	LF 1/2" Cross-Linked Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	2.62 0.63	
15064-0666	LF 3/4" Cross-Linked Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	3.21 0.68	
15064-0667	LF 1" Cross-Linked Polyethylene Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	4.01 0.72	
15064-0668	Cross-Linked Polyethylene Forged Brass PEX Fittings (15064-0584) Note: Aboveground, domestic water usage		
15064-0669	Male Adapters (15064-0668)		
15064-0670	EA 3/8" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	13.95 3.03	
15064-0671	EA 1/2" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	15.08 3.24	
15064-0672	EA 1/2" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	16.65 3.44	
15064-0673	EA 3/4" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	17.33 3.64	
15064-0674	EA 3/4" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	16.65 3.44	
15064-0675	EA 1" x 1", (PE x Threaded) Male Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	22.62 4.04	
15064-0676	Female Adapters (15064-0668)		
15064-0677	EA 1/2" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	15.53 3.24	
15064-0678	EA 1/2" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	17.88 3.44	
15064-0679	EA 3/4" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	18.56 3.64	
15064-0680	EA 3/4" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	17.88 3.44	
15064-0681	EA 1" x 1", (PE x Threaded) Female Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	23.18 4.04	
15064-0682	Tube Adapters (15064-0668)		
15064-0683	EA 3/8" x 1/2" Tube Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	12.13 3.03	
15064-0684	EA 1/2" Tube Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	12.81 3.24	
15064-0685	EA 3/4" Tube Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	15.87 3.64	
15064-0686	EA 1" Tube Adapter For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	21.47 4.04	
15064-0687	Plugs (15064-0668)		
15064-0688	EA 3/8" Plug For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	6.29 1.42	
15064-0689	EA 1/2" Plug For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	6.96 1.62	
15064-0690	EA 3/4" Plug For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	8.09 1.82	
15064-0691	EA 1" Plug For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	10.47 2.02	
15064-0692	Tees (15064-0668)		
15064-0693	EA 3/8" Tee For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	17.44 4.25	
15064-0694	EA 1/2" Tee For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	19.46 4.85	
15064-0695	EA 3/4" Tee For PEX Tubing..... 15MOD-0108 For Work In Restricted Working Space, Add	23.72 5.46	

15000 Mechanical**15050 Basic Materials And Methods****15064 Plastic Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0696	EA	1" Tee For PEX Tubing.....	32.06	
	15MOD-0108	For Work In Restricted Working Space, Add	6.07	
15064-0697	EA	1/2" Reducing Tee For PEX Tubing.....	18.79	
	15MOD-0108	For Work In Restricted Working Space, Add	4.65	
15064-0698	EA	3/4" Reducing Tee For PEX Tubing.....	22.38	
	15MOD-0108	For Work In Restricted Working Space, Add	5.06	
15064-0699	EA	1" Reducing Tee For PEX Tubing.....	29.14	
	15MOD-0108	For Work In Restricted Working Space, Add	5.46	
15064-0700		Couplings (15064-0668)		
15064-0701	EA	3/8" Coupling For PEX Tubing.....	11.12	
	15MOD-0108	For Work In Restricted Working Space, Add	2.83	
15064-0702	EA	1/2" Coupling For PEX Tubing.....	12.58	
	15MOD-0108	For Work In Restricted Working Space, Add	3.24	
15064-0703	EA	3/4" Coupling For PEX Tubing.....	14.50	
	15MOD-0108	For Work In Restricted Working Space, Add	3.64	
15064-0704	EA	1" Coupling For PEX Tubing.....	18.44	
	15MOD-0108	For Work In Restricted Working Space, Add	4.04	
15064-0705	EA	3/4" x 1/2" Reducing Coupling For PEX Tubing.....	13.82	
	15MOD-0108	For Work In Restricted Working Space, Add	3.44	
15064-0706	EA	1" x 3/4" Reducing Coupling For PEX Tubing.....	17.76	
	15MOD-0108	For Work In Restricted Working Space, Add	3.84	
15064-0707		Fitting Reducers (15064-0668)		
15064-0708	EA	3/8" x 1/2" Fitting Reducer For PEX Tubing.....	12.47	
	15MOD-0108	For Work In Restricted Working Space, Add	3.03	
15064-0709	EA	1/2" Fitting Reducer For PEX Tubing.....	13.15	
	15MOD-0108	For Work In Restricted Working Space, Add	3.24	
15064-0710	EA	3/4" Fitting Reducer For PEX Tubing.....	16.54	
	15MOD-0108	For Work In Restricted Working Space, Add	3.64	
15064-0711	EA	1" Fitting Reducer For PEX Tubing.....	25.32	
	15MOD-0108	For Work In Restricted Working Space, Add	4.04	
15064-0712		90 Degree Elbows (15064-0668)		
15064-0713	EA	3/8" 90 Degree Elbow For PEX Tubing.....	12.13	
	15MOD-0108	For Work In Restricted Working Space, Add	2.83	
15064-0714	EA	1/2" 90 Degree Elbow For PEX Tubing.....	13.48	
	15MOD-0108	For Work In Restricted Working Space, Add	3.24	
15064-0715	EA	3/4" 90 Degree Elbow For PEX Tubing.....	16.54	
	15MOD-0108	For Work In Restricted Working Space, Add	3.64	
15064-0716	EA	3/4" x 1/2" 90 Degree Elbow For PEX Tubing.....	15.86	
	15MOD-0108	For Work In Restricted Working Space, Add	3.44	
15064-0717	EA	1/2" Drop 90 Degree Elbow For PEX Tubing.....	20.49	
	15MOD-0108	For Work In Restricted Working Space, Add	3.24	
15064-0718	EA	3/4" Drop 90 Degree Elbow For PEX Tubing.....	22.85	
	15MOD-0108	For Work In Restricted Working Space, Add	3.64	
15064-0719	EA	3/4" x 1/2" Drop 90 Degree Elbow For PEX Tubing.....	22.17	
	15MOD-0108	For Work In Restricted Working Space, Add	3.44	
15064-0720		Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings (15064)		
		Note: Socket weld		
15064-0721		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings		
		(15064-0720)		
15064-0722		Schedule 80 CPVC Pipe (15064-0721)		
15064-0723	LF	1/2" Pipe Schedule 80 CPVC Pipe.....	25.68	0.99
	15MOD-0108	For Work In Restricted Working Space, Add	7.43	
15064-0724	LF	3/4" Pipe Schedule 80 CPVC Pipe.....	3.84	1.04
	15MOD-0108	For Work In Restricted Working Space, Add	0.78	
15064-0725	LF	1" Pipe Schedule 80 CPVC Pipe.....	4.61	1.12
	15MOD-0108	For Work In Restricted Working Space, Add	0.84	
15064-0726	LF	1-1/4" Pipe Schedule 80 CPVC Pipe.....	5.58	1.22
	15MOD-0108	For Work In Restricted Working Space, Add	0.92	
15064-0727	LF	1-1/2" Pipe Schedule 80 CPVC Pipe.....	6.42	1.35
	15MOD-0108	For Work In Restricted Working Space, Add	1.02	
15064-0728	LF	2" Pipe Schedule 80 CPVC Pipe.....	7.98	1.51
	15MOD-0108	For Work In Restricted Working Space, Add	1.13	
15064-0729	LF	2-1/2" Pipe Schedule 80 CPVC Pipe.....	10.73	1.72
	15MOD-0108	For Work In Restricted Working Space, Add	1.29	
15064-0730	LF	3" Pipe Schedule 80 CPVC Pipe.....	13.67	2.04
	15MOD-0108	For Work In Restricted Working Space, Add	1.52	
15064-0731	LF	4" Pipe Schedule 80 CPVC Pipe.....	18.85	2.50
	15MOD-0108	For Work In Restricted Working Space, Add	1.88	
15064-0732	LF	6" Pipe Schedule 80 CPVC Pipe.....	32.32	3.18
	15MOD-0108	For Work In Restricted Working Space, Add	2.39	
15064-0733	LF	8" Pipe Schedule 80 CPVC Pipe.....	46.37	4.17
	15MOD-0108	For Work In Restricted Working Space, Add	3.13	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15064-0734	Schedule 80 CPVC 90 Degree Elbows <small>(15064-0721)</small>		
15064-0735	EA 1/2" Schedule 80 CPVC 90 Degree Elbow 13.20	13.20	4.72
	15MOD-0108 For Work In Restricted Working Space, Add 3.54	3.54	
15064-0736	EA 3/4" Schedule 80 CPVC 90 Degree Elbow 17.10	17.10	5.96
	15MOD-0108 For Work In Restricted Working Space, Add 4.47	4.47	
15064-0737	EA 1" Schedule 80 CPVC 90 Degree Elbow 22.15	22.15	7.44
	15MOD-0108 For Work In Restricted Working Space, Add 5.60	5.60	
15064-0738	EA 1-1/4" Schedule 80 CPVC 90 Degree Elbow 30.02	30.02	9.31
	15MOD-0108 For Work In Restricted Working Space, Add 7.00	7.00	
15064-0739	EA 1-1/2" Schedule 80 CPVC 90 Degree Elbow 33.36	33.36	10.30
	15MOD-0108 For Work In Restricted Working Space, Add 7.74	7.74	
15064-0740	EA 2" Schedule 80 CPVC 90 Degree Elbow 38.98	38.98	10.30
	15MOD-0108 For Work In Restricted Working Space, Add 8.64	8.64	
15064-0741	EA 2-1/2" Schedule 80 CPVC 90 Degree Elbow 59.30	59.30	13.09
	15MOD-0108 For Work In Restricted Working Space, Add 9.83	9.83	
15064-0742	EA 3" Schedule 80 CPVC 90 Degree Elbow 67.55	67.55	15.52
	15MOD-0108 For Work In Restricted Working Space, Add 11.62	11.62	
15064-0743	EA 4" Schedule 80 CPVC 90 Degree Elbow 95.73	95.73	19.06
	15MOD-0108 For Work In Restricted Working Space, Add 14.30	14.30	
15064-0744	EA 6" Schedule 80 CPVC 90 Degree Elbow 120.83	120.83	24.20
	15MOD-0108 For Work In Restricted Working Space, Add 18.17	18.17	
15064-0745	EA 8" Schedule 80 CPVC 90 Degree Elbow 226.89	226.89	31.78
	15MOD-0108 For Work In Restricted Working Space, Add 23.83	23.83	
15064-0746	Schedule 80 CPVC 45 Degree Elbows <small>(15064-0721)</small>		
15064-0747	EA 1/2" Schedule 80 CPVC 45 Degree Elbow 13.91	13.91	4.72
	15MOD-0108 For Work In Restricted Working Space, Add 3.54	3.54	
15064-0748	EA 3/4" Schedule 80 CPVC 45 Degree Elbow 17.94	17.94	5.96
	15MOD-0108 For Work In Restricted Working Space, Add 4.47	4.47	
15064-0749	EA 1" Schedule 80 CPVC 45 Degree Elbow 23.53	23.53	7.44
	15MOD-0108 For Work In Restricted Working Space, Add 5.60	5.60	
15064-0750	EA 1-1/4" Schedule 80 CPVC 45 Degree Elbow 31.83	31.83	9.31
	15MOD-0108 For Work In Restricted Working Space, Add 7.00	7.00	
15064-0751	EA 1-1/2" Schedule 80 CPVC 45 Degree Elbow 35.56	35.56	10.30
	15MOD-0108 For Work In Restricted Working Space, Add 7.74	7.74	
15064-0752	EA 2" Schedule 80 CPVC 45 Degree Elbow 39.73	39.73	11.54
	15MOD-0108 For Work In Restricted Working Space, Add 8.64	8.64	
15064-0753	EA 2-1/2" Schedule 80 CPVC 45 Degree Elbow 59.77	59.77	13.09
	15MOD-0108 For Work In Restricted Working Space, Add 9.83	9.83	
15064-0754	EA 3" Schedule 80 CPVC 45 Degree Elbow 67.49	67.49	15.52
	15MOD-0108 For Work In Restricted Working Space, Add 11.62	11.62	
15064-0755	EA 4" Schedule 80 CPVC 45 Degree Elbow 87.12	87.12	19.06
	15MOD-0108 For Work In Restricted Working Space, Add 14.30	14.30	
15064-0756	EA 6" Schedule 80 CPVC 45 Degree Elbow 136.97	136.97	24.20
	15MOD-0108 For Work In Restricted Working Space, Add 18.17	18.17	
15064-0757	EA 8" Schedule 80 CPVC 45 Degree Elbow 238.32	238.32	31.78
	15MOD-0108 For Work In Restricted Working Space, Add 23.83	23.83	
15064-0758	Schedule 80 CPVC Tees <small>(15064-0721)</small>		
15064-0759	EA 1/2" Schedule 80 CPVC Tee 20.25	20.25	7.07
	15MOD-0108 For Work In Restricted Working Space, Add 5.30	5.30	
15064-0760	EA 3/4" Schedule 80 CPVC Tee 26.44	26.44	8.94
	15MOD-0108 For Work In Restricted Working Space, Add 6.70	6.70	
15064-0761	EA 1" Schedule 80 CPVC Tee 33.09	33.09	11.24
	15MOD-0108 For Work In Restricted Working Space, Add 8.42	8.42	
15064-0762	EA 1-1/4" Schedule 80 CPVC Tee 45.63	45.63	14.02
	15MOD-0108 For Work In Restricted Working Space, Add 10.50	10.50	
15064-0763	EA 1-1/2" Schedule 80 CPVC Tee 50.91	50.91	15.52
	15MOD-0108 For Work In Restricted Working Space, Add 11.62	11.62	
15064-0764	EA 2" Schedule 80 CPVC Tee 61.37	61.37	17.25
	15MOD-0108 For Work In Restricted Working Space, Add 12.96	12.96	
15064-0765	EA 2-1/2" Schedule 80 CPVC Tee 79.01	79.01	19.67
	15MOD-0108 For Work In Restricted Working Space, Add 14.75	14.75	
15064-0766	EA 3" Schedule 80 CPVC Tee 90.58	90.58	23.21
	15MOD-0108 For Work In Restricted Working Space, Add 17.43	17.43	
15064-0767	EA 4" Schedule 80 CPVC Tee 109.87	109.87	28.61
	15MOD-0108 For Work In Restricted Working Space, Add 21.45	21.45	
15064-0768	EA 6" Schedule 80 CPVC Tee 165.84	165.84	36.37
	15MOD-0108 For Work In Restricted Working Space, Add 27.26	27.26	
15064-0769	EA 8" Schedule 80 CPVC Tee 333.83	333.83	47.67
	15MOD-0108 For Work In Restricted Working Space, Add 35.75	35.75	
15064-0770	Schedule 80 CPVC Crosses <small>(15064-0721)</small>		
15064-0771	EA 1/2" Schedule 80 CPVC Cross 25.80	25.80	9.43
	15MOD-0108 For Work In Restricted Working Space, Add 7.08	7.08	
15064-0772	EA 3/4" Schedule 80 CPVC Cross 33.32	33.32	11.91
	15MOD-0108 For Work In Restricted Working Space, Add 8.94	8.94	
15064-0773	EA 1" Schedule 80 CPVC Cross 41.71	41.71	14.96
	15MOD-0108 For Work In Restricted Working Space, Add 11.21	11.21	

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15064-0774 EA 1-1/4" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	55.84 14.00	18.68
15064-0775 EA 1-1/2" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	62.13 15.49	20.67
15064-0776 EA 2" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	73.25 17.28	23.03
15064-0777 EA 2-1/2" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	91.25 19.66	26.19
15064-0778 EA 3" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	105.43 23.24	30.97
15064-0779 EA 4" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	128.38 28.60	38.11
15064-0780 EA 6" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	185.73 36.35	48.47
15064-0781 EA 8" Schedule 80 CPVC Cross 15MOD-0108 For Work In Restricted Working Space, Add	343.77 47.66	63.55
15064-0782 Schedule 80 CPVC Socket Weld Reducing Inserts (15064-0721)		
15064-0783 EA 3/4" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	11.77 3.28	4.35
15064-0784 EA 1" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	16.36 4.41	5.89
15064-0785 EA 1-1/4" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	26.77 5.77	7.70
15064-0786 EA 1-1/2" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	30.18 6.39	8.50
15064-0787 EA 2" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	35.44 7.13	9.49
15064-0788 EA 2-1/2" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	38.73 8.12	10.80
15064-0789 EA 3" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	46.92 9.59	12.78
15064-0790 EA 4" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	63.30 11.81	15.71
15064-0791 EA 6" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	101.00 14.99	19.98
15064-0792 EA 8" Schedule 80 CPVC Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	219.07 19.66	26.19
15064-0793 Schedule 80 CPVC Socket Weld x Female Or Male Thread Reducing Inserts (15064-0721)		
15064-0794 EA 1/2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	13.29 2.33	3.11
15064-0795 EA 3/4" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	16.89 3.28	4.35
15064-0796 EA 1" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	21.11 4.41	5.89
15064-0797 EA 1-1/4" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	26.36 5.77	7.70
15064-0798 EA 1-1/2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	30.79 6.39	8.50
15064-0799 EA 2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	38.46 7.13	9.49
15064-0800 EA 2-1/2" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	58.47 8.12	10.80
15064-0801 EA 3" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	114.01 9.59	12.78
15064-0802 EA 4" Schedule 80 CPVC Socket Weld x Female Or Male Threaded Reducing Insert..... 15MOD-0108 For Work In Restricted Working Space, Add	168.65 11.81	15.71
15064-0803 Schedule 80 CPVC Socket Weld x Male Thread Male Adapters (15064-0721)		
15064-0804 EA 1/2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	9.88 2.33	3.11
15064-0805 EA 3/4" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	13.79 3.28	4.35
15064-0806 EA 1" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	19.54 4.41	5.89
15064-0807 EA 1-1/4" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	26.36 5.77	7.70
15064-0808 EA 1-1/2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	30.92 6.39	8.50
15064-0809 EA 2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	36.80 7.13	9.49
15064-0810 EA 2-1/2" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	51.72 8.12	10.80
15064-0811 EA 3" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	61.79 9.59	12.78
15064-0812 EA 4" Schedule 80 CPVC Socket Weld x Male Thread Male Adapters..... 15MOD-0108 For Work In Restricted Working Space, Add	89.77 11.81	15.71



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15064-0813	Schedule 80 CPVC Socket Weld x Female Thread Female Adapters <small>(15064-0721)</small>		
15064-0814	EA 1/2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 10.68	10.68	3.11
	15MOD-0108 For Work In Restricted Working Space, Add 2.33	2.33	
15064-0815	EA 3/4" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 14.05	14.05	4.35
	15MOD-0108 For Work In Restricted Working Space, Add 3.28	3.28	
15064-0816	EA 1" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 19.60	19.60	5.89
	15MOD-0108 For Work In Restricted Working Space, Add 4.41	4.41	
15064-0817	EA 1-1/4" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 26.60	26.60	7.70
	15MOD-0108 For Work In Restricted Working Space, Add 5.77	5.77	
15064-0818	EA 1-1/2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 29.84	29.84	8.50
	15MOD-0108 For Work In Restricted Working Space, Add 6.39	6.39	
15064-0819	EA 2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 35.91	35.91	9.49
	15MOD-0108 For Work In Restricted Working Space, Add 7.13	7.13	
15064-0820	EA 2-1/2" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 52.23	52.23	10.80
	15MOD-0108 For Work In Restricted Working Space, Add 8.12	8.12	
15064-0821	EA 3" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 70.70	70.70	12.78
	15MOD-0108 For Work In Restricted Working Space, Add 9.59	9.59	
15064-0822	EA 4" Schedule 80 CPVC Socket Weld x Female Thread Female Adapters 104.91	104.91	15.71
	15MOD-0108 For Work In Restricted Working Space, Add 11.81	11.81	
15064-0823	Schedule 80 CPVC Couplings <small>(15064-0721)</small>		
15064-0824	EA 1/2" Schedule 80 CPVC Couplings 8.87	8.87	2.85
	15MOD-0108 For Work In Restricted Working Space, Add 2.12	2.12	
15064-0825	EA 3/4" Schedule 80 CPVC Couplings 12.48	12.48	3.97
	15MOD-0108 For Work In Restricted Working Space, Add 2.98	2.98	
15064-0826	EA 1" Schedule 80 CPVC Couplings 16.78	16.78	5.34
	15MOD-0108 For Work In Restricted Working Space, Add 4.01	4.01	
15064-0827	EA 1-1/4" Schedule 80 CPVC Couplings 22.62	22.62	7.01
	15MOD-0108 For Work In Restricted Working Space, Add 5.25	5.25	
15064-0828	EA 1-1/2" Schedule 80 CPVC Couplings 25.83	25.83	7.76
	15MOD-0108 For Work In Restricted Working Space, Add 5.81	5.81	
15064-0829	EA 2" Schedule 80 CPVC Couplings 29.09	29.09	8.63
	15MOD-0108 For Work In Restricted Working Space, Add 6.48	6.48	
15064-0830	EA 2-1/2" Schedule 80 CPVC Couplings 42.54	42.54	9.81
	15MOD-0108 For Work In Restricted Working Space, Add 7.37	7.37	
15064-0831	EA 3" Schedule 80 CPVC Couplings 47.19	47.19	11.61
	15MOD-0108 For Work In Restricted Working Space, Add 8.71	8.71	
15064-0832	EA 4" Schedule 80 CPVC Couplings 59.53	59.53	14.27
	15MOD-0108 For Work In Restricted Working Space, Add 10.73	10.73	
15064-0833	EA 6" Schedule 80 CPVC Couplings 92.35	92.35	18.19
	15MOD-0108 For Work In Restricted Working Space, Add 13.63	13.63	
15064-0834	EA 8" Schedule 80 CPVC Couplings 154.63	154.63	23.84
	15MOD-0108 For Work In Restricted Working Space, Add 17.87	17.87	
15064-0835	Schedule 80 CPVC Unions <small>(15064-0721)</small>		
15064-0836	EA 1/2" Schedule 80 CPVC Unions 16.19	16.19	3.41
	15MOD-0108 For Work In Restricted Working Space, Add 2.55	2.55	
15064-0837	EA 3/4" Schedule 80 CPVC Unions 19.97	19.97	4.78
	15MOD-0108 For Work In Restricted Working Space, Add 3.57	3.57	
15064-0838	EA 1" Schedule 80 CPVC Unions 24.33	24.33	6.40
	15MOD-0108 For Work In Restricted Working Space, Add 4.80	4.80	
15064-0839	EA 1-1/4" Schedule 80 CPVC Unions 40.54	40.54	8.38
	15MOD-0108 For Work In Restricted Working Space, Add 6.29	6.29	
15064-0840	EA 1-1/2" Schedule 80 CPVC Unions 43.12	43.12	9.31
	15MOD-0108 For Work In Restricted Working Space, Add 6.96	6.96	
15064-0841	EA 2" Schedule 80 CPVC Unions 58.99	58.99	10.36
	15MOD-0108 For Work In Restricted Working Space, Add 7.79	7.79	
15064-0842	EA 2-1/2" Schedule 80 CPVC Unions 97.98	97.98	11.79
	15MOD-0108 For Work In Restricted Working Space, Add 8.84	8.84	
15064-0843	EA 3" Schedule 80 CPVC Unions 138.40	138.40	13.96
	15MOD-0108 For Work In Restricted Working Space, Add 10.46	10.46	
15064-0844	EA 4" Schedule 80 CPVC Unions 218.87	218.87	17.13
	15MOD-0108 For Work In Restricted Working Space, Add 12.86	12.86	
15064-0845	EA 6" Schedule 80 CPVC Unions 292.18	292.18	21.79
	15MOD-0108 For Work In Restricted Working Space, Add 16.35	16.35	
15064-0846	EA 8" Schedule 80 CPVC Unions 361.84	361.84	28.61
	15MOD-0108 For Work In Restricted Working Space, Add 21.45	21.45	
15064-0847	Schedule 80 CPVC Caps <small>(15064-0721)</small>		
15064-0848	EA 1/2" Schedule 80 CPVC Cap 5.21	5.21	0.93
	15MOD-0108 For Work In Restricted Working Space, Add 0.71	0.71	
15064-0849	EA 3/4" Schedule 80 CPVC Cap 9.00	9.00	1.99
	15MOD-0108 For Work In Restricted Working Space, Add 1.49	1.49	
15064-0850	EA 1" Schedule 80 CPVC Cap 15.15	15.15	3.23
	15MOD-0108 For Work In Restricted Working Space, Add 2.40	2.40	
15064-0851	EA 1-1/4" Schedule 80 CPVC Cap 16.59	16.59	3.48
	15MOD-0108 For Work In Restricted Working Space, Add 2.63	2.63	
15064-0852	EA 1-1/2" Schedule 80 CPVC Cap 17.67	17.67	3.84
	15MOD-0108 For Work In Restricted Working Space, Add 2.90	2.90	

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15064-0853	EA	2" Schedule 80 CPVC Cap	23.66	4.35
		15MOD-0108 For Work In Restricted Working Space, Add	3.24	
15064-0854	EA	2-1/2" Schedule 80 CPVC Cap	35.44	4.90
		15MOD-0108 For Work In Restricted Working Space, Add	3.69	
15064-0855	EA	3" Schedule 80 CPVC Cap	38.21	5.83
		15MOD-0108 For Work In Restricted Working Space, Add	4.36	
15064-0856	EA	4" Schedule 80 CPVC Cap	57.82	7.14
		15MOD-0108 For Work In Restricted Working Space, Add	5.36	
15064-0857	EA	6" Schedule 80 CPVC Cap	122.10	9.06
		15MOD-0108 For Work In Restricted Working Space, Add	6.82	
15064-0858	EA	8" Schedule 80 CPVC Cap	157.40	11.91
		15MOD-0108 For Work In Restricted Working Space, Add	8.94	
15064-0859		Schedule 80 CPVC 150 LB Flanges (15064-0721)		
15064-0860	EA	1/2" Schedule 80 CPVC 150 LB Flanges	12.52	2.23
		15MOD-0108 For Work In Restricted Working Space, Add	1.70	
15064-0861	EA	3/4" Schedule 80 CPVC 150 LB Flanges	15.31	3.17
		15MOD-0108 For Work In Restricted Working Space, Add	2.39	
15064-0862	EA	1" Schedule 80 CPVC 150 LB Flanges	18.87	4.29
		15MOD-0108 For Work In Restricted Working Space, Add	3.20	
15064-0863	EA	1-1/4" Schedule 80 CPVC 150 LB Flanges	22.46	5.59
		15MOD-0108 For Work In Restricted Working Space, Add	4.21	
15064-0864	EA	1-1/2" Schedule 80 CPVC 150 LB Flanges	24.15	6.20
		15MOD-0108 For Work In Restricted Working Space, Add	4.66	
15064-0865	EA	2" Schedule 80 CPVC 150 LB Flanges	28.73	6.89
		15MOD-0108 For Work In Restricted Working Space, Add	5.18	
15064-0866	EA	2-1/2" Schedule 80 CPVC 150 LB Flanges	37.58	7.88
		15MOD-0108 For Work In Restricted Working Space, Add	5.90	
15064-0867	EA	3" Schedule 80 CPVC 150 LB Flanges	42.75	9.31
		15MOD-0108 For Work In Restricted Working Space, Add	6.96	
15064-0868	EA	4" Schedule 80 CPVC 150 LB Flanges	53.37	11.42
		15MOD-0108 For Work In Restricted Working Space, Add	8.58	
15064-0869	EA	6" Schedule 80 CPVC 150 LB Flanges	75.29	14.53
		15MOD-0108 For Work In Restricted Working Space, Add	10.91	
15064-0870	EA	8" Schedule 80 CPVC 150 LB Flanges	135.48	19.06
		15MOD-0108 For Work In Restricted Working Space, Add	14.30	
15066		Stainless Steel Pipe (15050)		
15066-0001		Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly (15066)		
		Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
15066-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	19.88	5.52
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	2.28	
		15MOD-0111 For Work In Restricted Working Space, Add	3.33	
15066-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	22.40	6.34
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	2.39	
		15MOD-0111 For Work In Restricted Working Space, Add	3.96	
15066-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	26.08	7.15
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	2.80	
		15MOD-0111 For Work In Restricted Working Space, Add	4.59	
15066-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	30.09	8.63
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	3.54	
		15MOD-0111 For Work In Restricted Working Space, Add	4.94	
15066-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	33.25	8.88
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	4.05	
		15MOD-0111 For Work In Restricted Working Space, Add	5.30	
15066-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	40.30	11.73
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	4.94	
		15MOD-0111 For Work In Restricted Working Space, Add	6.39	
15066-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	59.06	14.47
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	8.50	
		15MOD-0111 For Work In Restricted Working Space, Add	7.91	
15066-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	74.83	16.76
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0110 For Type 316, Add	11.07	
		15MOD-0111 For Work In Restricted Working Space, Add	9.68	
15066-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150# Screwed Fitting Assembly	102.24	16.76
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		15MOD-0111 For Work In Restricted Working Space, Add	12.28	
15066-0011		Stainless Steel Tubing And Fittings (15066)		
15066-0012		Type 304 Tubing (15066-0011)		
15066-0013		0.035" Wall (15066-0012)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0014	LF 1/4" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	4.51 1.09	1.83
15066-0015	LF 3/8" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	5.27 1.30	2.16
15066-0016	LF 1/2" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	6.26 1.52	2.56
15066-0017	LF 5/8" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	9.42 1.74	2.90
15066-0018	LF 3/4" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	11.06 1.96	3.24
15066-0019	LF 7/8" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	12.24 2.18	3.64
15066-0020	LF 1" Stainless Steel Tubing, Type 304, 0.035" Wall 15MOD-0111 For Work In Restricted Working Space, Add	13.87 2.61	4.39
15066-0021	0.049" Wall <small>(15066-0012)</small>		
15066-0022	LF 1/4" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	6.98 1.30	2.16
15066-0023	LF 3/8" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	7.84 1.52	2.56
15066-0024	LF 1/2" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	9.34 1.74	2.90
15066-0025	LF 5/8" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	11.79 2.18	3.64
15066-0026	LF 3/4" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	13.61 2.61	4.39
15066-0027	LF 7/8" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	15.42 3.05	5.06
15066-0028	LF 1" Stainless Steel Tubing, Type 304, 0.049" Wall 15MOD-0111 For Work In Restricted Working Space, Add	17.73 3.46	5.73
15066-0029	0.065" Wall <small>(15066-0012)</small>		
15066-0030	LF 1/4" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	8.14 1.52	2.56
15066-0031	LF 3/8" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	9.36 1.74	2.90
15066-0032	LF 1/2" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	11.57 2.18	3.64
15066-0033	LF 5/8" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	13.65 2.61	4.39
15066-0034	LF 3/4" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	16.08 3.05	5.06
15066-0035	LF 7/8" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	18.43 3.46	5.73
15066-0036	LF 1" Stainless Steel Tubing, Type 304, 0.065" Wall 15MOD-0111 For Work In Restricted Working Space, Add	20.76 3.89	6.48
15066-0037	Type 304 Tube Fittings <small>(15066-0011)</small>		
15066-0038	90 Degree Elbows <small>(15066-0037)</small>		
15066-0039	EA 1/4" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	25.71 4.35	7.28
15066-0040	EA 3/8" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	30.00 4.76	7.96
15066-0041	EA 1/2" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	43.32 5.39	8.97
15066-0042	EA 5/8" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	46.56 6.04	10.05
15066-0043	EA 3/4" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	51.85 6.53	10.86
15066-0044	EA 7/8" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	69.04 7.23	12.07
15066-0045	EA 1" 90 Degree Elbow, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	87.29 8.61	14.36
15066-0046	Union Tees <small>(15066-0037)</small>		
15066-0047	EA 1/4" Union Tee, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	40.40 6.53	10.86
15066-0048	EA 3/8" Union Tee, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	48.27 7.23	12.07
15066-0049	EA 1/2" Union Tee, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	64.07 8.09	13.49
15066-0050	EA 5/8" Union Tee, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	69.45 9.20	15.31
15066-0051	EA 3/4" Union Tee, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	86.74 9.87	16.46
15066-0052	EA 7/8" Union Tee, Stainless Steel Type 304 15MOD-0111 For Work In Restricted Working Space, Add	132.80 10.94	18.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0053	EA	1" Union Tee, Stainless Steel Type 304.....	159.10	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0054		Unions <small>(15066-0037)</small>		
15066-0055	EA	1/4" Union, Stainless Steel Type 304.....	38.91	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	6.53	
15066-0056	EA	3/8" Union, Stainless Steel Type 304.....	49.10	12.07
	15MOD-0111	For Work In Restricted Working Space, Add	7.23	
15066-0057	EA	1/2" Union, Stainless Steel Type 304.....	64.62	13.49
	15MOD-0111	For Work In Restricted Working Space, Add	8.09	
15066-0058	EA	5/8" Union, Stainless Steel Type 304.....	78.06	15.31
	15MOD-0111	For Work In Restricted Working Space, Add	9.20	
15066-0059	EA	3/4" Union, Stainless Steel Type 304.....	91.98	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0060	EA	7/8" Union, Stainless Steel Type 304.....	136.98	18.21
	15MOD-0111	For Work In Restricted Working Space, Add	10.94	
15066-0061	EA	1" Union, Stainless Steel Type 304.....	147.26	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0062		Male Connectors <small>(15066-0037)</small>		
15066-0063	EA	1/4" x 1/4" Male Connection, Stainless Steel Type 304.....	20.40	7.28
	15MOD-0111	For Work In Restricted Working Space, Add	4.35	
15066-0064	EA	3/8" x 3/8" Male Connection, Stainless Steel Type 304.....	24.78	7.96
	15MOD-0111	For Work In Restricted Working Space, Add	4.76	
15066-0065	EA	1/2" x 1/2" Male Connection, Stainless Steel Type 304.....	31.31	8.97
	15MOD-0111	For Work In Restricted Working Space, Add	5.39	
15066-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304.....	35.24	10.05
	15MOD-0111	For Work In Restricted Working Space, Add	6.04	
15066-0067	EA	3/4" x 3/4" Male Connection, Stainless Steel Type 304.....	41.79	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	6.53	
15066-0068	EA	7/8" x 7/8" Male Connection, Stainless Steel Type 304.....	60.22	12.07
	15MOD-0111	For Work In Restricted Working Space, Add	7.23	
15066-0069	EA	1" x 1" Male Connection, Stainless Steel Type 304.....	64.15	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0070		Type 304 Valves <small>(15066-0011)</small>		
15066-0071		Gate Valves <small>(15066-0070)</small>		
15066-0072	EA	1/4" Gate Valve, Stainless Steel Type 304.....	138.61	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	5.89	
15066-0073	EA	3/8" Gate Valve, Stainless Steel Type 304.....	235.20	12.75
	15MOD-0111	For Work In Restricted Working Space, Add	6.20	
15066-0074	EA	1/2" Gate Valve, Stainless Steel Type 304.....	243.23	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0075	EA	3/4" Gate Valve, Stainless Steel Type 304.....	269.49	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0076	EA	1" Gate Valve, Stainless Steel Type 304.....	245.62	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0077		Globe Valves <small>(15066-0070)</small>		
15066-0078	EA	1/4" Globe Valve, Stainless Steel Type 304.....	140.56	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	5.89	
15066-0079	EA	3/8" Globe Valve, Stainless Steel Type 304.....	91.84	12.75
	15MOD-0111	For Work In Restricted Working Space, Add	6.20	
15066-0080	EA	1/2" Globe Valve, Stainless Steel Type 304.....	166.12	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0081	EA	3/4" Globe Valve, Stainless Steel Type 304.....	184.80	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0082	EA	1" Globe Valve, Stainless Steel Type 304.....	270.17	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0083		Check Valves <small>(15066-0070)</small>		
15066-0084	EA	1/4" Check Valve, Stainless Steel Type 304.....	197.85	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	5.89	
15066-0085	EA	3/8" Check Valve, Stainless Steel Type 304.....	198.88	12.75
	15MOD-0111	For Work In Restricted Working Space, Add	6.20	
15066-0086	EA	1/2" Check Valve, Stainless Steel Type 304.....	128.31	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0087	EA	3/4" Check Valve, Stainless Steel Type 304.....	133.96	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0088	EA	1" Check Valve, Stainless Steel Type 304.....	147.45	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0089		Plug Valves <small>(15066-0070)</small>		
15066-0090	EA	1/2" Plug Valve, Stainless Steel Type 304.....	306.23	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0091	EA 3/4" Plug Valve, Stainless Steel Type 304..... 15MOD-0111 For Work In Restricted Working Space, Add	335.10 9.87	16.46
15066-0092	EA 1" Plug Valve, Stainless Steel Type 304..... 15MOD-0111 For Work In Restricted Working Space, Add	378.61 13.05	21.79
15066-0093	EA 1-1/2" Plug Valve, Stainless Steel Type 304..... 15MOD-0111 For Work In Restricted Working Space, Add	527.32 14.77	24.62
15066-0094	EA 2" Plug Valve, Stainless Steel Type 304..... 15MOD-0111 For Work In Restricted Working Space, Add	686.23 20.24	33.72
15066-0095	Type 316 Tubing (15066-0011)		
15066-0096	0.035" Wall (15066-0095)		
15066-0097	LF 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	4.65 1.09	1.83
15066-0098	LF 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	5.93 1.30	2.16
15066-0099	LF 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	6.66 1.52	2.56
15066-0100	LF 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	10.49 1.74	2.90
15066-0101	LF 3/4" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	11.89 1.96	3.24
15066-0102	LF 7/8" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	14.80 2.18	3.64
15066-0103	LF 1" Stainless Steel Tubing, Type 316, 0.035" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	15.85 2.61	4.39
15066-0104	0.049" Wall (15066-0095)		
15066-0105	LF 1/4" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	7.55 1.30	2.16
15066-0106	LF 3/8" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	8.45 1.52	2.56
15066-0107	LF 1/2" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	9.90 1.74	2.90
15066-0108	LF 5/8" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	12.83 2.18	3.64
15066-0109	LF 3/4" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	14.91 2.61	4.39
15066-0110	LF 7/8" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	18.75 3.05	5.06
15066-0111	LF 1" Stainless Steel Tubing, Type 316, 0.049" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	19.48 3.46	5.73
15066-0112	0.065" Wall (15066-0095)		
15066-0113	LF 1/4" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	8.82 1.52	2.56
15066-0114	LF 3/8" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	9.88 1.74	2.90
15066-0115	LF 1/2" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	12.39 2.18	3.64
15066-0116	LF 5/8" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	14.78 2.61	4.39
15066-0117	LF 3/4" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	17.81 3.05	5.06
15066-0118	LF 7/8" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	19.71 3.46	5.73
15066-0119	LF 1" Stainless Steel Tubing, Type 316, 0.065" Wall..... 15MOD-0111 For Work In Restricted Working Space, Add	22.83 3.89	6.48
15066-0120	Type 316 Tube Fittings (15066-0011)		
15066-0121	90 Degree Elbows (15066-0120)		
15066-0122	EA 1/4" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	33.80 4.35	7.28
15066-0123	EA 3/8" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	40.20 4.76	7.96
15066-0124	EA 1/2" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	61.61 5.39	8.97
15066-0125	EA 5/8" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	65.65 6.04	10.05
15066-0126	EA 3/4" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	73.57 6.53	10.86
15066-0127	EA 7/8" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	101.49 7.23	12.07
15066-0128	EA 1" 90 Degree Elbow, Stainless Steel Type 316..... 15MOD-0111 For Work In Restricted Working Space, Add	129.59 8.61	14.36
15066-0129	Union Tees (15066-0120)		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0130	EA	1/4" Union Tee, Stainless Steel Type 316.....	53.85	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	6.53	
15066-0131	EA	3/8" Union Tee, Stainless Steel Type 316.....	65.72	12.07
	15MOD-0111	For Work In Restricted Working Space, Add	7.23	
15066-0132	EA	1/2" Union Tee, Stainless Steel Type 316.....	90.85	13.49
	15MOD-0111	For Work In Restricted Working Space, Add	8.09	
15066-0133	EA	5/8" Union Tee, Stainless Steel Type 316.....	97.45	15.31
	15MOD-0111	For Work In Restricted Working Space, Add	9.20	
15066-0134	EA	3/4" Union Tee, Stainless Steel Type 316.....	125.61	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0135	EA	7/8" Union Tee, Stainless Steel Type 316.....	202.36	18.21
	15MOD-0111	For Work In Restricted Working Space, Add	10.94	
15066-0136	EA	1" Union Tee, Stainless Steel Type 316.....	242.56	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0137		Unions <small>(15066-0120)</small>		
15066-0138	EA	1/4" Union, Stainless Steel Type 316.....	36.86	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	6.53	
15066-0139	EA	3/8" Union, Stainless Steel Type 316.....	46.11	12.07
	15MOD-0111	For Work In Restricted Working Space, Add	7.23	
15066-0140	EA	1/2" Union, Stainless Steel Type 316.....	60.12	13.49
	15MOD-0111	For Work In Restricted Working Space, Add	8.09	
15066-0141	EA	5/8" Union, Stainless Steel Type 316.....	72.39	15.31
	15MOD-0111	For Work In Restricted Working Space, Add	9.20	
15066-0142	EA	3/4" Union, Stainless Steel Type 316.....	84.92	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0143	EA	7/8" Union, Stainless Steel Type 316.....	124.96	18.21
	15MOD-0111	For Work In Restricted Working Space, Add	10.94	
15066-0144	EA	1" Union, Stainless Steel Type 316.....	134.85	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0145		Male Connectors <small>(15066-0120)</small>		
15066-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316.....	24.57	7.28
	15MOD-0111	For Work In Restricted Working Space, Add	4.35	
15066-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316.....	31.08	7.96
	15MOD-0111	For Work In Restricted Working Space, Add	4.76	
15066-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316.....	40.74	8.97
	15MOD-0111	For Work In Restricted Working Space, Add	5.39	
15066-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316.....	45.93	10.05
	15MOD-0111	For Work In Restricted Working Space, Add	6.04	
15066-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316.....	55.95	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	6.53	
15066-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316.....	85.76	12.07
	15MOD-0111	For Work In Restricted Working Space, Add	7.23	
15066-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316.....	89.21	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0153		Type 316 Valves <small>(15066-0011)</small>		
15066-0154		Gate Valves <small>(15066-0153)</small>		
15066-0155	EA	1/4" Gate Valve, Stainless Steel Type 316.....	177.03	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	5.89	
15066-0156	EA	3/8" Gate Valve, Stainless Steel Type 316.....	304.47	12.75
	15MOD-0111	For Work In Restricted Working Space, Add	6.20	
15066-0157	EA	1/2" Gate Valve, Stainless Steel Type 316.....	312.50	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0158	EA	3/4" Gate Valve, Stainless Steel Type 316.....	345.88	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0159	EA	1" Gate Valve, Stainless Steel Type 316.....	310.88	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316.....	429.46	22.59
	15MOD-0111	For Work In Restricted Working Space, Add	13.56	
15066-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316.....	693.79	24.62
	15MOD-0111	For Work In Restricted Working Space, Add	14.77	
15066-0162	EA	2" Gate Valve, Stainless Steel Type 316.....	823.73	33.72
	15MOD-0111	For Work In Restricted Working Space, Add	20.24	
15066-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316.....	1,204.22	107.98
	15MOD-0111	For Work In Restricted Working Space, Add	64.77	
15066-0164		Globe Valves <small>(15066-0153)</small>		
15066-0165	EA	1/4" Globe Valve, Stainless Steel Type 316.....	179.60	10.86
	15MOD-0111	For Work In Restricted Working Space, Add	5.89	
15066-0166	EA	3/8" Globe Valve, Stainless Steel Type 316.....	114.82	12.75
	15MOD-0111	For Work In Restricted Working Space, Add	6.20	
15066-0167	EA	1/2" Globe Valve, Stainless Steel Type 316.....	210.49	14.36
	15MOD-0111	For Work In Restricted Working Space, Add	8.61	
15066-0168	EA	3/4" Globe Valve, Stainless Steel Type 316.....	233.85	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0169	EA 1" Globe Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	343.35 13.05	21.79
15066-0170	EA 1-1/4" Globe Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	430.37 13.46	22.46
15066-0171	EA 1-1/2" Globe Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	719.57 14.77	24.62
15066-0172	EA 2" Globe Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	849.51 20.24	33.72
15066-0173	EA 2-1/2" Globe Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	1,040.93 64.77	107.98
15066-0174	Check Valves <small>(15066-0153)</small>		
15066-0175	EA 1/4" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	255.39 5.89	10.86
15066-0176	EA 3/8" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	256.42 6.20	12.75
15066-0177	EA 1/2" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	160.48 8.61	14.36
15066-0178	EA 3/4" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	166.59 9.87	16.46
15066-0179	EA 1" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	181.02 13.05	21.79
15066-0180	EA 1-1/4" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	252.99 13.56	22.59
15066-0181	EA 1-1/2" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	573.47 14.77	24.62
15066-0182	EA 2" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	694.82 20.24	33.72
15066-0183	EA 2-1/2" Check Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	1,361.78 64.77	107.98
15066-0184	Diaphragm Valves, EPDM Lined <small>(15066-0153)</small>		
15066-0185	EA 1/2" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined 15MOD-0111 For Work In Restricted Working Space, Add	273.01 8.61	14.36
15066-0186	EA 3/4" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined 15MOD-0111 For Work In Restricted Working Space, Add	319.05 9.87	16.46
15066-0187	EA 1" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined 15MOD-0111 For Work In Restricted Working Space, Add	406.63 13.05	21.79
15066-0188	EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined 15MOD-0111 For Work In Restricted Working Space, Add	651.64 14.77	24.62
15066-0189	EA 2" Diaphragm Valve, Stainless Steel Type 316, EPDM Lined 15MOD-0111 For Work In Restricted Working Space, Add	910.83 20.24	33.72
15066-0190	Diaphragm Valves, Teflon Lined <small>(15066-0153)</small>		
15066-0191	EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined 15MOD-0111 For Work In Restricted Working Space, Add	363.37 8.61	14.36
15066-0192	EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined 15MOD-0111 For Work In Restricted Working Space, Add	417.78 9.87	16.46
15066-0193	EA 1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined 15MOD-0111 For Work In Restricted Working Space, Add	505.36 13.05	21.79
15066-0194	EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined 15MOD-0111 For Work In Restricted Working Space, Add	790.53 14.77	24.62
15066-0195	EA 2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined 15MOD-0111 For Work In Restricted Working Space, Add	1,076.49 20.24	33.72
15066-0196	Strainers <small>(15066-0153)</small>		
15066-0197	EA 1/2" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	364.25 8.61	14.36
15066-0198	EA 3/4" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	436.15 9.92	16.52
15066-0199	EA 1" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	570.56 13.16	21.92
15066-0200	EA 1-1/4" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	710.21 13.56	22.59
15066-0201	EA 1-1/2" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	892.83 14.77	24.62
15066-0202	EA 2" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	1,288.25 20.24	33.72
15066-0203	EA 2-1/2" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	1,770.97 26.91	44.86
15066-0204	EA 3" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	2,578.22 40.47	67.45
15066-0205	EA 4" Strainer, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	3,292.06 64.75	107.92
15066-0206	Plug Valves <small>(15066-0153)</small>		
15066-0207	EA 1/2" Plug Valve, Stainless Steel Type 316 15MOD-0111 For Work In Restricted Working Space, Add	388.50 8.61	14.36

15000 Mechanical**15050 Basic Materials And Methods****15066 Stainless Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0208	EA	3/4" Plug Valve, Stainless Steel Type 316.....	424.68	16.46
	15MOD-0111	For Work In Restricted Working Space, Add	9.87	
15066-0209	EA	1" Plug Valve, Stainless Steel Type 316.....	477.93	21.79
	15MOD-0111	For Work In Restricted Working Space, Add	13.05	
15066-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316.....	669.03	24.62
	15MOD-0111	For Work In Restricted Working Space, Add	14.77	
15066-0211	EA	2" Plug Valve, Stainless Steel Type 316.....	869.65	33.72
	15MOD-0111	For Work In Restricted Working Space, Add	20.24	
15066-0212		Stainless Steel Pipe And Fittings ⁽¹⁵⁰⁶⁶⁾		
15066-0213		Type 304, Schedule 40 Pipe And 150 LB Threaded Fittings ⁽¹⁵⁰⁶⁶⁻⁰²¹²⁾		
15066-0214		Pipe ⁽¹⁵⁰⁶⁶⁻⁰²¹³⁾		
15066-0215	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	10.11	2.90
	15MOD-0112	For Work In Restricted Working Space, Add	1.74	
15066-0216	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	12.44	3.64
	15MOD-0112	For Work In Restricted Working Space, Add	2.18	
15066-0217	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	15.30	4.39
	15MOD-0112	For Work In Restricted Working Space, Add	2.61	
15066-0218	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	18.40	5.06
	15MOD-0112	For Work In Restricted Working Space, Add	3.05	
15066-0219	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	21.28	5.73
	15MOD-0112	For Work In Restricted Working Space, Add	3.46	
15066-0220	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	27.18	7.28
	15MOD-0112	For Work In Restricted Working Space, Add	4.35	
15066-0221	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	36.88	8.63
	15MOD-0112	For Work In Restricted Working Space, Add	5.19	
15066-0222	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	46.36	10.86
	15MOD-0112	For Work In Restricted Working Space, Add	6.53	
15066-0223	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150# Threaded Fitting.....	62.75	14.36
	15MOD-0112	For Work In Restricted Working Space, Add	8.61	
15066-0224		90 Degree Elbows ⁽¹⁵⁰⁶⁶⁻⁰²¹³⁾		
15066-0225	EA	1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	27.77	10.86
	15MOD-0112	For Work In Restricted Working Space, Add	6.53	
15066-0226	EA	3/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	35.52	14.36
	15MOD-0112	For Work In Restricted Working Space, Add	8.61	
15066-0227	EA	1" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	45.52	18.21
	15MOD-0112	For Work In Restricted Working Space, Add	10.94	
15066-0228	EA	1-1/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	63.57	24.95
	15MOD-0112	For Work In Restricted Working Space, Add	14.99	
15066-0229	EA	1-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	74.11	29.34
	15MOD-0112	For Work In Restricted Working Space, Add	17.59	
15066-0230	EA	2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	93.33	35.48
	15MOD-0112	For Work In Restricted Working Space, Add	21.30	
15066-0231	EA	2-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	174.07	56.18
	15MOD-0112	For Work In Restricted Working Space, Add	33.72	
15066-0232	EA	3" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	222.91	72.50
	15MOD-0112	For Work In Restricted Working Space, Add	43.52	
15066-0233	EA	4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	332.49	89.90
	15MOD-0112	For Work In Restricted Working Space, Add	53.96	
15066-0234		45 Degree Elbows ⁽¹⁵⁰⁶⁶⁻⁰²¹³⁾		
15066-0235	EA	1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	29.98	10.86
	15MOD-0112	For Work In Restricted Working Space, Add	6.53	
15066-0236	EA	3/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	37.61	14.36
	15MOD-0112	For Work In Restricted Working Space, Add	8.61	
15066-0237	EA	1" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	46.26	18.21
	15MOD-0112	For Work In Restricted Working Space, Add	10.94	
15066-0238	EA	1-1/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	62.66	24.95
	15MOD-0112	For Work In Restricted Working Space, Add	14.99	
15066-0239	EA	1-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	75.07	29.34
	15MOD-0112	For Work In Restricted Working Space, Add	17.59	
15066-0240	EA	2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	94.22	35.48
	15MOD-0112	For Work In Restricted Working Space, Add	21.30	
15066-0241	EA	2-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	192.74	56.18
	15MOD-0112	For Work In Restricted Working Space, Add	33.72	
15066-0242	EA	3" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	258.58	72.50
	15MOD-0112	For Work In Restricted Working Space, Add	43.52	
15066-0243	EA	4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304.....	385.15	89.90
	15MOD-0112	For Work In Restricted Working Space, Add	53.96	
15066-0244		Tees ⁽¹⁵⁰⁶⁶⁻⁰²¹³⁾		
15066-0245	EA	1/2" Tee, Stainless Steel, Schedule 40 Type 304.....	41.91	16.46
	15MOD-0112	For Work In Restricted Working Space, Add	9.87	
15066-0246	EA	3/4" Tee, Stainless Steel, Schedule 40 Type 304.....	53.13	21.79
	15MOD-0112	For Work In Restricted Working Space, Add	13.05	
15066-0247	EA	1" Tee, Stainless Steel, Schedule 40 Type 304.....	65.31	26.98
	15MOD-0112	For Work In Restricted Working Space, Add	16.19	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0248	EA 1-1/4" Tee, Stainless Steel, Schedule 40 Type 304.....	93.52	37.50
	15MOD-0112 For Work In Restricted Working Space, Add	22.49	
15066-0249	EA 1-1/2" Tee, Stainless Steel, Schedule 40 Type 304.....	107.66	42.15
	15MOD-0112 For Work In Restricted Working Space, Add	25.29	
15066-0250	EA 2" Tee, Stainless Steel, Schedule 40 Type 304.....	140.61	56.18
	15MOD-0112 For Work In Restricted Working Space, Add	33.72	
15066-0251	EA 2-1/2" Tee, Stainless Steel, Schedule 40 Type 304.....	255.83	81.27
	15MOD-0112 For Work In Restricted Working Space, Add	48.76	
15066-0252	EA 3" Tee, Stainless Steel, Schedule 40 Type 304.....	359.57	108.80
	15MOD-0112 For Work In Restricted Working Space, Add	65.27	
15066-0253	EA 4" Tee, Stainless Steel, Schedule 40 Type 304.....	498.63	134.89
	15MOD-0112 For Work In Restricted Working Space, Add	80.94	
15066-0254	Reducers <small>(15066-0213)</small>		
15066-0255	EA 3/4" x 1/2" Reducer, Stainless Steel, Schedule 40 Type 304.....	34.35	14.36
	15MOD-0112 For Work In Restricted Working Space, Add	8.61	
15066-0256	EA 1" x 3/4" Reducer, Stainless Steel, Schedule 40 Type 304.....	44.81	18.21
	15MOD-0112 For Work In Restricted Working Space, Add	10.94	
15066-0257	EA 1-1/4" x 1" Reducer, Stainless Steel, Schedule 40 Type 304.....	67.08	24.95
	15MOD-0112 For Work In Restricted Working Space, Add	14.99	
15066-0258	EA 1-1/2" x 1-1/4" Reducer, Stainless Steel, Schedule 40 Type 304.....	77.53	29.34
	15MOD-0112 For Work In Restricted Working Space, Add	17.59	
15066-0259	EA 2" x 1-1/2" Reducer, Stainless Steel, Schedule 40 Type 304.....	100.43	35.48
	15MOD-0112 For Work In Restricted Working Space, Add	21.30	
15066-0260	EA 2-1/2" x 2" Reducer, Stainless Steel, Schedule 40 Type 304.....	174.24	56.18
	15MOD-0112 For Work In Restricted Working Space, Add	33.72	
15066-0261	EA 3" x 2-1/2" Reducer, Stainless Steel, Schedule 40 Type 304.....	211.20	72.50
	15MOD-0112 For Work In Restricted Working Space, Add	43.52	
15066-0262	EA 4" x 3" Reducer, Stainless Steel, Schedule 40 Type 304.....	308.98	89.90
	15MOD-0112 For Work In Restricted Working Space, Add	53.96	
15066-0263	EA 4" x 2" Reducer, Stainless Steel, Schedule 40 Type 304.....	259.73	82.62
	15MOD-0112 For Work In Restricted Working Space, Add	49.57	
15066-0264	Unions <small>(15066-0213)</small>		
15066-0265	EA 1/2" Union, Stainless Steel, Schedule 40 Type 304.....	45.42	16.46
	15MOD-0112 For Work In Restricted Working Space, Add	9.87	
15066-0266	EA 3/4" Union, Stainless Steel, Schedule 40 Type 304.....	60.67	21.79
	15MOD-0112 For Work In Restricted Working Space, Add	13.05	
15066-0267	EA 1" Union, Stainless Steel, Schedule 40 Type 304.....	78.86	26.98
	15MOD-0112 For Work In Restricted Working Space, Add	16.19	
15066-0268	EA 1-1/4" Union, Stainless Steel, Schedule 40 Type 304.....	120.73	37.50
	15MOD-0112 For Work In Restricted Working Space, Add	22.49	
15066-0269	EA 1-1/2" Union, Stainless Steel, Schedule 40 Type 304.....	138.13	42.15
	15MOD-0112 For Work In Restricted Working Space, Add	25.29	
15066-0270	EA 2" Union, Stainless Steel, Schedule 40 Type 304.....	180.36	56.18
	15MOD-0112 For Work In Restricted Working Space, Add	33.72	
15066-0271	Flanges <small>(15066-0213)</small>		
15066-0272	EA 2-1/2" Flange, Stainless Steel, Schedule 40 Type 304.....	167.22	56.18
	15MOD-0112 For Work In Restricted Working Space, Add	33.72	
15066-0273	EA 3" Flange, Stainless Steel, Schedule 40 Type 304.....	204.80	72.50
	15MOD-0112 For Work In Restricted Working Space, Add	43.52	
15066-0274	EA 4" Flange, Stainless Steel, Schedule 40 Type 304.....	265.73	89.90
	15MOD-0112 For Work In Restricted Working Space, Add	53.96	
15066-0275	Caps <small>(15066-0213)</small>		
15066-0276	EA 1/2" Caps, Stainless Steel, Schedule 40 Type 304.....	13.17	5.47
	15MOD-0112 For Work In Restricted Working Space, Add	3.26	
15066-0277	EA 3/4" Caps, Stainless Steel, Schedule 40 Type 304.....	17.86	7.28
	15MOD-0112 For Work In Restricted Working Space, Add	4.35	
15066-0278	EA 1" Caps, Stainless Steel, Schedule 40 Type 304.....	22.92	8.97
	15MOD-0112 For Work In Restricted Working Space, Add	5.39	
15066-0279	EA 1-1/4" Caps, Stainless Steel, Schedule 40 Type 304.....	38.37	12.75
	15MOD-0112 For Work In Restricted Working Space, Add	7.64	
15066-0280	EA 1-1/2" Caps, Stainless Steel, Schedule 40 Type 304.....	43.60	14.36
	15MOD-0112 For Work In Restricted Working Space, Add	8.61	
15066-0281	EA 2" Caps, Stainless Steel, Schedule 40 Type 304.....	55.36	18.21
	15MOD-0112 For Work In Restricted Working Space, Add	10.94	
15066-0282	EA 2-1/2" Caps, Stainless Steel, Schedule 40 Type 304.....	86.00	26.98
	15MOD-0112 For Work In Restricted Working Space, Add	16.19	
15066-0283	EA 3" Caps, Stainless Steel, Schedule 40 Type 304.....	115.30	35.48
	15MOD-0112 For Work In Restricted Working Space, Add	21.30	
15066-0284	EA 4" Caps, Stainless Steel, Schedule 40 Type 304.....	171.82	44.99
	15MOD-0112 For Work In Restricted Working Space, Add	26.98	
15066-0285	Additional Fittings <small>(15066-0213)</small>		
15066-0286	EA 1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304.....	54.34	22.59
	15MOD-0112 For Work In Restricted Working Space, Add	13.56	

15000 Mechanical**15050 Basic Materials And Methods****15066 Stainless Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0287	EA	3/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304.....	63.61	26.98
		15MOD-0112 For Work In Restricted Working Space, Add	16.19	
15066-0288	EA	1" Thread-O-Let, Stainless Steel, Schedule 40 Type 304.....	94.98	30.68
		15MOD-0112 For Work In Restricted Working Space, Add	18.41	
15066-0289	EA	1-1/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304.....	113.85	33.72
		15MOD-0112 For Work In Restricted Working Space, Add	20.24	
15066-0290	EA	1-1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304.....	113.85	33.72
		15MOD-0112 For Work In Restricted Working Space, Add	20.24	
15066-0291	EA	2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304.....	145.16	37.10
		15MOD-0112 For Work In Restricted Working Space, Add	22.26	
15066-0292		Type 304 Schedule 5 Pipe And Welded Butt Fittings (15066-0292)		
15066-0293		Pipe (15066-0292)		
15066-0294	LF	1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	11.14	2.84
		15MOD-0112 For Work In Restricted Working Space, Add	1.70	
15066-0295	LF	3/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	13.22	3.46
		15MOD-0112 For Work In Restricted Working Space, Add	2.08	
15066-0296	LF	1" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	15.74	4.10
		15MOD-0112 For Work In Restricted Working Space, Add	2.44	
15066-0297	LF	1-1/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	18.83	5.10
		15MOD-0112 For Work In Restricted Working Space, Add	3.05	
15066-0298	LF	1-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	21.47	5.74
		15MOD-0112 For Work In Restricted Working Space, Add	3.44	
15066-0299	LF	2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	26.74	7.12
		15MOD-0112 For Work In Restricted Working Space, Add	4.26	
15066-0300	LF	2-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	33.68	8.14
		15MOD-0112 For Work In Restricted Working Space, Add	4.87	
15066-0301	LF	3" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	39.31	9.14
		15MOD-0112 For Work In Restricted Working Space, Add	5.48	
15066-0302	LF	4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	48.50	10.84
		15MOD-0112 For Work In Restricted Working Space, Add	6.49	
15066-0303	LF	6" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting.....	78.24	14.24
		15MOD-0112 For Work In Restricted Working Space, Add	8.52	
15066-0304	LF	8" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting.....	133.84	26.85
		15MOD-0112 For Work In Restricted Working Space, Add	17.25	
15066-0305	LF	10" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting.....	170.76	29.52
		15MOD-0112 For Work In Restricted Working Space, Add	18.98	
15066-0306	LF	12" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting.....	195.08	32.83
		15MOD-0112 For Work In Restricted Working Space, Add	21.09	
15066-0307		90 Degree Elbows (15066-0292)		
15066-0308	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	84.28	35.93
		15MOD-0112 For Work In Restricted Working Space, Add	21.56	
15066-0309	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	89.33	38.14
		15MOD-0112 For Work In Restricted Working Space, Add	22.88	
15066-0310	EA	1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	98.04	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0311	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	114.14	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	27.43	
15066-0312	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	118.62	50.43
		15MOD-0112 For Work In Restricted Working Space, Add	30.23	
15066-0313	EA	2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	136.19	56.11
		15MOD-0112 For Work In Restricted Working Space, Add	33.68	
15066-0314	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	177.61	71.87
		15MOD-0112 For Work In Restricted Working Space, Add	43.06	
15066-0315	EA	3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	211.03	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.41	
15066-0316	EA	4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	280.80	100.87
		15MOD-0112 For Work In Restricted Working Space, Add	60.38	
15066-0317	EA	6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	478.97	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	75.53	
15066-0318	EA	8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	838.15	210.89
		15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0319	EA	10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	1,397.76	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0320	EA	12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	2,161.56	421.78
		15MOD-0112 For Work In Restricted Working Space, Add	271.14	
15066-0321		45 Degree Elbows (15066-0292)		
15066-0322	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	89.71	35.93
		15MOD-0112 For Work In Restricted Working Space, Add	21.56	
15066-0323	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	94.12	38.14
		15MOD-0112 For Work In Restricted Working Space, Add	22.88	
15066-0324	EA	1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	103.96	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0325	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	125.45	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	27.41	
15066-0326	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	119.16	50.43
		15MOD-0112 For Work In Restricted Working Space, Add	30.27	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0327	EA 2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	133.27	56.11
	15MOD-0112 For Work In Restricted Working Space, Add	33.68	
15066-0328	EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	178.55	71.87
	15MOD-0112 For Work In Restricted Working Space, Add	43.10	
15066-0329	EA 3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	204.08	84.16
	15MOD-0112 For Work In Restricted Working Space, Add	50.51	
15066-0330	EA 4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	264.83	100.87
	15MOD-0112 For Work In Restricted Working Space, Add	60.46	
15066-0331	EA 6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	388.48	126.08
	15MOD-0112 For Work In Restricted Working Space, Add	75.65	
15066-0332	EA 8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	690.47	210.89
	15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0333	EA 10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	1,138.10	281.19
	15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0334	EA 12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304.....	1,755.84	421.78
	15MOD-0112 For Work In Restricted Working Space, Add	271.14	
15066-0335	Tees (15066-0292)		
15066-0336	EA 1/2" Tees, Stainless Steel Schedule 5 Type 304.....	141.65	45.71
	15MOD-0112 For Work In Restricted Working Space, Add	27.40	
15066-0337	EA 3/4" Tees, Stainless Steel Schedule 5 Type 304.....	162.44	56.11
	15MOD-0112 For Work In Restricted Working Space, Add	33.64	
15066-0338	EA 1" Tees, Stainless Steel Schedule 5 Type 304.....	173.86	63.05
	15MOD-0112 For Work In Restricted Working Space, Add	37.79	
15066-0339	EA 1-1/4" Tees, Stainless Steel Schedule 5 Type 304.....	225.62	71.87
	15MOD-0112 For Work In Restricted Working Space, Add	43.10	
15066-0340	EA 1-1/2" Tees, Stainless Steel Schedule 5 Type 304.....	202.09	77.23
	15MOD-0112 For Work In Restricted Working Space, Add	46.26	
15066-0341	EA 2" Tees, Stainless Steel Schedule 5 Type 304.....	218.50	84.16
	15MOD-0112 For Work In Restricted Working Space, Add	50.46	
15066-0342	EA 2-1/2" Tees, Stainless Steel Schedule 5 Type 304.....	344.36	100.87
	15MOD-0112 For Work In Restricted Working Space, Add	60.46	
15066-0343	EA 3" Tees, Stainless Steel Schedule 5 Type 304.....	345.89	126.08
	15MOD-0112 For Work In Restricted Working Space, Add	75.77	
15066-0344	EA 4" Tees, Stainless Steel Schedule 5 Type 304.....	414.92	141.84
	15MOD-0112 For Work In Restricted Working Space, Add	85.04	
15066-0345	EA 6" Tees, Stainless Steel Schedule 5 Type 304.....	775.56	189.13
	15MOD-0112 For Work In Restricted Working Space, Add	113.39	
15066-0346	EA 8" Tee, Stainless Steel Schedule 5 Type 304.....	1,511.37	281.19
	15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0347	EA 10" Tee, Stainless Steel Schedule 5 Type 304.....	2,331.97	421.78
	15MOD-0112 For Work In Restricted Working Space, Add	271.14	
15066-0348	EA 12" Tee, Stainless Steel Schedule 5 Type 304.....	2,955.54	527.22
	15MOD-0112 For Work In Restricted Working Space, Add	338.93	
15066-0349	Reducers (15066-0292)		
15066-0350	EA 3/4" Reducer, Stainless Steel Schedule 5 Type 304.....	93.55	34.67
	15MOD-0112 For Work In Restricted Working Space, Add	20.82	
15066-0351	EA 1" Reducer, Stainless Steel Schedule 5 Type 304.....	103.52	37.83
	15MOD-0112 For Work In Restricted Working Space, Add	22.69	
15066-0352	EA 1-1/4" Reducer, Stainless Steel Schedule 5 Type 304.....	127.37	41.92
	15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0353	EA 1-1/2" Reducer, Stainless Steel Schedule 5 Type 304.....	110.01	45.71
	15MOD-0112 For Work In Restricted Working Space, Add	27.41	
15066-0354	EA 2" Reducer, Stainless Steel Schedule 5 Type 304.....	121.09	50.43
	15MOD-0112 For Work In Restricted Working Space, Add	30.27	
15066-0355	EA 2-1/2" Reducer, Stainless Steel Schedule 5 Type 304.....	156.69	63.05
	15MOD-0112 For Work In Restricted Working Space, Add	37.82	
15066-0356	EA 3" Reducer, Stainless Steel Schedule 5 Type 304.....	173.82	71.87
	15MOD-0112 For Work In Restricted Working Space, Add	43.06	
15066-0357	EA 4" Reducer, Stainless Steel Schedule 5 Type 304.....	202.36	84.16
	15MOD-0112 For Work In Restricted Working Space, Add	50.46	
15066-0358	EA 6" Reducer, Stainless Steel Schedule 5 Type 304.....	260.73	107.17
	15MOD-0112 For Work In Restricted Working Space, Add	64.24	
15066-0359	EA 8" Reducer, Stainless Steel Schedule 5 Type 304.....	575.14	168.71
	15MOD-0112 For Work In Restricted Working Space, Add	108.46	
15066-0360	EA 10" Reducer, Stainless Steel Schedule 5 Type 304.....	748.99	210.89
	15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0361	EA 12" Reducer, Stainless Steel Schedule 5 Type 304.....	995.88	281.19
	15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0362	Weld Neck Flanges (15066-0292)		
15066-0363	EA 1/2" Flanges, Stainless Steel Schedule 5 Type 304.....	53.58	14.50
	15MOD-0112 For Work In Restricted Working Space, Add	8.70	
15066-0364	EA 3/4" Flanges, Stainless Steel Schedule 5 Type 304.....	56.10	15.76
	15MOD-0112 For Work In Restricted Working Space, Add	9.46	
15066-0365	EA 1" Flanges, Stainless Steel Schedule 5 Type 304.....	66.83	21.12
	15MOD-0112 For Work In Restricted Working Space, Add	12.68	
15066-0366	EA 1-1/4" Flanges, Stainless Steel Schedule 5 Type 304.....	74.43	22.06
	15MOD-0112 For Work In Restricted Working Space, Add	13.24	

15000 Mechanical**15050 Basic Materials And Methods****15066 Stainless Steel Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0367	EA	1-1/2" Flanges, Stainless Steel Schedule 5 Type 304	86.47	25.22
		15MOD-0112 For Work In Restricted Working Space, Add	15.13	
15066-0368	EA	2" Flanges, Stainless Steel Schedule 5 Type 304	103.39	28.37
		15MOD-0112 For Work In Restricted Working Space, Add	17.01	
15066-0369	EA	2-1/2" Flanges, Stainless Steel Schedule 5 Type 304	140.46	36.25
		15MOD-0112 For Work In Restricted Working Space, Add	21.75	
15066-0370	EA	3" Flanges, Stainless Steel Schedule 5 Type 304	155.05	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.13	
15066-0371	EA	4" Flanges, Stainless Steel Schedule 5 Type 304	212.59	56.73
		15MOD-0112 For Work In Restricted Working Space, Add	34.04	
15066-0372	EA	6" Flanges, Stainless Steel Schedule 5 Type 304	322.17	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.46	
15066-0373	EA	8" Flange, Stainless Steel Schedule 5 Type 304	612.05	105.44
		15MOD-0112 For Work In Restricted Working Space, Add	67.79	
15066-0374	EA	10" Flange, Stainless Steel Schedule 5 Type 304	932.31	123.02
		15MOD-0112 For Work In Restricted Working Space, Add	79.09	
15066-0375	EA	12" Flange, Stainless Steel Schedule 5 Type 304	1,288.67	140.59
		15MOD-0112 For Work In Restricted Working Space, Add	90.38	
15066-0376		Slip-On Flanges (15066-0292)		
15066-0377	EA	1/2" Flange, Stainless Steel Schedule 5 Type 304	88.64	31.52
		15MOD-0112 For Work In Restricted Working Space, Add	18.92	
15066-0378	EA	3/4" Flange, Stainless Steel Schedule 5 Type 304	92.08	31.52
		15MOD-0112 For Work In Restricted Working Space, Add	18.92	
15066-0379	EA	1" Flange, Stainless Steel Schedule 5 Type 304	108.69	38.77
		15MOD-0112 For Work In Restricted Working Space, Add	23.27	
15066-0380	EA	1-1/4" Flange, Stainless Steel Schedule 5 Type 304	119.88	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0381	EA	1-1/2" Flange, Stainless Steel Schedule 5 Type 304	133.83	46.02
		15MOD-0112 For Work In Restricted Working Space, Add	27.62	
15066-0382	EA	2" Flange, Stainless Steel Schedule 5 Type 304	156.47	50.43
		15MOD-0112 For Work In Restricted Working Space, Add	30.23	
15066-0383	EA	2-1/2" Flange, Stainless Steel Schedule 5 Type 304	193.74	56.73
		15MOD-0112 For Work In Restricted Working Space, Add	34.04	
15066-0384	EA	3" Flange, Stainless Steel Schedule 5 Type 304	211.99	63.05
		15MOD-0112 For Work In Restricted Working Space, Add	37.79	
15066-0385	EA	4" Flange, Stainless Steel Schedule 5 Type 304	289.33	84.47
		15MOD-0112 For Work In Restricted Working Space, Add	50.68	
15066-0386	EA	6" Flange, Stainless Steel Schedule 5 Type 304	438.51	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	75.53	
15066-0387	EA	8" Flange, Stainless Steel Schedule 5 Type 304	1,322.54	210.89
		15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0388		Caps (15066-0292)		
15066-0389	EA	1/2" Cap, Stainless Steel Schedule 5 Type 304	45.33	14.50
		15MOD-0112 For Work In Restricted Working Space, Add	8.70	
15066-0390	EA	3/4" Cap, Stainless Steel Schedule 5 Type 304	50.12	15.76
		15MOD-0112 For Work In Restricted Working Space, Add	9.46	
15066-0391	EA	1" Cap, Stainless Steel Schedule 5 Type 304	62.80	20.80
		15MOD-0112 For Work In Restricted Working Space, Add	12.49	
15066-0392	EA	1-1/4" Cap, Stainless Steel Schedule 5 Type 304	67.84	22.06
		15MOD-0112 For Work In Restricted Working Space, Add	13.24	
15066-0393	EA	1-1/2" Cap, Stainless Steel Schedule 5 Type 304	75.85	25.22
		15MOD-0112 For Work In Restricted Working Space, Add	15.13	
15066-0394	EA	2" Cap, Stainless Steel Schedule 5 Type 304	82.96	28.37
		15MOD-0112 For Work In Restricted Working Space, Add	17.01	
15066-0395	EA	2-1/2" Cap, Stainless Steel Schedule 5 Type 304	102.99	36.25
		15MOD-0112 For Work In Restricted Working Space, Add	21.75	
15066-0396	EA	3" Cap, Stainless Steel Schedule 5 Type 304	117.67	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.13	
15066-0397	EA	4" Cap, Stainless Steel Schedule 5 Type 304	171.49	56.11
		15MOD-0112 For Work In Restricted Working Space, Add	33.65	
15066-0398	EA	6" Cap, Stainless Steel Schedule 5 Type 304	229.20	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.46	
15066-0399		Reducing Tees (15066-0292)		
15066-0400	EA	3/4" Reducing Tees, Stainless Steel Schedule 5 Type 304	121.58	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	22.89	
15066-0401	EA	1" Reducing Tees, Stainless Steel Schedule 5 Type 304	138.80	56.11
		15MOD-0112 For Work In Restricted Working Space, Add	28.05	
15066-0402	EA	1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 304	165.69	63.05
		15MOD-0112 For Work In Restricted Working Space, Add	31.52	
15066-0403	EA	1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304	163.69	71.87
		15MOD-0112 For Work In Restricted Working Space, Add	35.93	
15066-0404	EA	2" Reducing Tees, Stainless Steel Schedule 5 Type 304	178.34	77.23
		15MOD-0112 For Work In Restricted Working Space, Add	38.61	
15066-0405	EA	2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304	264.36	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	42.08	
15066-0406	EA	3" Reducing Tees, Stainless Steel Schedule 5 Type 304	254.04	100.87
		15MOD-0112 For Work In Restricted Working Space, Add	50.44	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0407	EA 4" Reducing Tees, Stainless Steel Schedule 5 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	334.23 63.04	126.08
15066-0408	EA 6" Reducing Tees, Stainless Steel Schedule 5 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	612.41 72.03	144.04
15066-0409	EA 8" Reducing Tee, Stainless Steel Schedule 5 Type 304L..... 15MOD-0112 For Work In Restricted Working Space, Add	1,156.06 112.98	210.89
15066-0410	EA 10" Reducing Tee, Stainless Steel Schedule 5 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	1,857.72 150.64	281.19
15066-0411	EA 12" Reducing Tee, Stainless Steel Schedule 5 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	2,486.81 225.95	421.78
15066-0412	Type 304 Schedule 10 Pipe And Welded Butt Fittings (15066-0212)		
15066-0413	Pipe (15066-0412)		
15066-0414	LF 1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	11.27 1.70	2.84
15066-0415	LF 3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	13.41 2.08	3.46
15066-0416	LF 1" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	17.78 2.44	4.10
15066-0417	LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	21.69 3.05	5.10
15066-0418	LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	24.15 3.44	5.74
15066-0419	LF 2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	29.86 4.26	7.12
15066-0420	LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	35.70 4.87	8.14
15066-0421	LF 3" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	42.14 5.48	9.14
15066-0422	LF 4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	52.93 6.49	10.84
15066-0423	LF 6" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting 15MOD-0112 For Work In Restricted Working Space, Add	77.27 8.52	14.24
15066-0424	LF 8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting 15MOD-0112 For Work In Restricted Working Space, Add	132.35 17.25	26.85
15066-0425	LF 10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting 15MOD-0112 For Work In Restricted Working Space, Add	168.66 18.98	29.52
15066-0426	LF 12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting 15MOD-0112 For Work In Restricted Working Space, Add	201.65 21.09	32.83
15066-0427	90 Degree Elbows (15066-0412)		
15066-0428	EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	81.83 21.56	35.93
15066-0429	EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	86.24 22.88	38.14
15066-0430	EA 1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	93.81 25.15	41.92
15066-0431	EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	105.95 27.43	45.71
15066-0432	EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	119.33 30.23	50.43
15066-0433	EA 2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	131.76 33.68	56.11
15066-0434	EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	171.17 43.07	71.87
15066-0435	EA 3" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	202.87 50.43	84.16
15066-0436	EA 4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	266.34 60.42	100.87
15066-0437	EA 6" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	437.16 75.49	126.08
15066-0438	EA 8" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	875.17 135.57	210.89
15066-0439	EA 10" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	1,387.77 180.76	281.19
15066-0440	EA 12" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	2,135.67 271.14	421.78
15066-0441	45 Degree Elbows (15066-0412)		
15066-0442	EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	85.92 21.56	35.93
15066-0443	EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	90.33 22.88	38.14
15066-0444	EA 1" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	97.90 25.15	41.92
15066-0445	EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	107.11 27.41	45.71
15066-0446	EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	116.99 30.27	50.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0447	EA	2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	139.03	56.11
		15MOD-0112 For Work In Restricted Working Space, Add	33.68	
15066-0448	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	170.65	71.87
		15MOD-0112 For Work In Restricted Working Space, Add	43.10	
15066-0449	EA	3" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	196.40	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.49	
15066-0450	EA	4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	251.04	100.87
		15MOD-0112 For Work In Restricted Working Space, Add	60.48	
15066-0451	EA	6" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	357.80	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	75.65	
15066-0452	EA	8" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	775.19	210.89
		15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0453	EA	10" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	1,135.10	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0454	EA	12" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304.....	1,753.28	421.78
		15MOD-0112 For Work In Restricted Working Space, Add	271.14	
15066-0455		Tees <small>(15066-0412)</small>		
15066-0456	EA	1/2" Tees, Stainless Steel Schedule 10 Type 304.....	124.79	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	27.40	
15066-0457	EA	3/4" Tees, Stainless Steel Schedule 10 Type 304.....	145.58	56.11
		15MOD-0112 For Work In Restricted Working Space, Add	33.64	
15066-0458	EA	1" Tees, Stainless Steel Schedule 10 Type 304.....	159.43	63.05
		15MOD-0112 For Work In Restricted Working Space, Add	37.79	
15066-0459	EA	1-1/4" Tees, Stainless Steel Schedule 10 Type 304.....	180.53	71.87
		15MOD-0112 For Work In Restricted Working Space, Add	43.12	
15066-0460	EA	1-1/2" Tees, Stainless Steel Schedule 10 Type 304.....	192.18	77.23
		15MOD-0112 For Work In Restricted Working Space, Add	46.28	
15066-0461	EA	2" Tees, Stainless Steel Schedule 10 Type 304.....	227.30	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.46	
15066-0462	EA	2-1/2" Tees, Stainless Steel Schedule 10 Type 304.....	274.06	100.87
		15MOD-0112 For Work In Restricted Working Space, Add	60.48	
15066-0463	EA	3" Tees, Stainless Steel Schedule 10 Type 304.....	355.06	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	75.75	
15066-0464	EA	4" Tees, Stainless Steel Schedule 10 Type 304.....	394.89	141.84
		15MOD-0112 For Work In Restricted Working Space, Add	85.02	
15066-0465	EA	6" Tees, Stainless Steel Schedule 10 Type 304.....	688.15	189.13
		15MOD-0112 For Work In Restricted Working Space, Add	113.46	
15066-0466	EA	8" Tee, Stainless Steel Schedule 10 Type 304.....	1,195.26	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0467	EA	10" Tee, Stainless Steel Schedule 10 Type 304.....	1,755.17	421.78
		15MOD-0112 For Work In Restricted Working Space, Add	271.14	
15066-0468	EA	12" Tee, Stainless Steel Schedule 10 Type 304.....	2,974.38	527.22
		15MOD-0112 For Work In Restricted Working Space, Add	338.93	
15066-0469		Reducers <small>(15066-0412)</small>		
15066-0470	EA	3/4" Reducer, Stainless Steel Schedule 10 Type 304.....	94.82	34.67
		15MOD-0112 For Work In Restricted Working Space, Add	20.82	
15066-0471	EA	1" Reducer, Stainless Steel Schedule 10 Type 304.....	105.00	37.83
		15MOD-0112 For Work In Restricted Working Space, Add	22.69	
15066-0472	EA	1-1/4" Reducer, Stainless Steel Schedule 10 Type 304.....	129.66	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0473	EA	1-1/2" Reducer, Stainless Steel Schedule 10 Type 304.....	110.97	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	27.41	
15066-0474	EA	2" Reducer, Stainless Steel Schedule 10 Type 304.....	122.14	50.43
		15MOD-0112 For Work In Restricted Working Space, Add	30.26	
15066-0475	EA	2-1/2" Reducer, Stainless Steel Schedule 10 Type 304.....	158.28	63.05
		15MOD-0112 For Work In Restricted Working Space, Add	37.82	
15066-0476	EA	3" Reducer, Stainless Steel Schedule 10 Type 304.....	175.45	71.87
		15MOD-0112 For Work In Restricted Working Space, Add	43.07	
15066-0477	EA	4" Reducer, Stainless Steel Schedule 10 Type 304.....	204.16	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.46	
15066-0478	EA	6" Reducer, Stainless Steel Schedule 10 Type 304.....	263.21	107.17
		15MOD-0112 For Work In Restricted Working Space, Add	64.25	
15066-0479	EA	8" Reducer, Stainless Steel Schedule 10 Type 304.....	586.38	168.71
		15MOD-0112 For Work In Restricted Working Space, Add	108.46	
15066-0480	EA	10" Reducer, Stainless Steel Schedule 10 Type 304.....	764.63	210.89
		15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0481	EA	12" Reducer, Stainless Steel Schedule 10 Type 304.....	1,016.59	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0482		Flanges <small>(15066-0412)</small>		
15066-0483	EA	1/2" Flanges, Stainless Steel Schedule 10 Type 304.....	54.88	14.50
		15MOD-0112 For Work In Restricted Working Space, Add	8.70	
15066-0484	EA	3/4" Flanges, Stainless Steel Schedule 10 Type 304.....	57.40	15.76
		15MOD-0112 For Work In Restricted Working Space, Add	9.46	
15066-0485	EA	1" Flanges, Stainless Steel Schedule 10 Type 304.....	68.12	21.12
		15MOD-0112 For Work In Restricted Working Space, Add	12.68	
15066-0486	EA	1-1/4" Flanges, Stainless Steel Schedule 10 Type 304.....	76.03	22.06
		15MOD-0112 For Work In Restricted Working Space, Add	13.24	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0487	EA 1-1/2" Flanges, Stainless Steel Schedule 10 Type 304	88.37	25.22
	15MOD-0112 For Work In Restricted Working Space, Add	15.13	
15066-0488	EA 2" Flanges, Stainless Steel Schedule 10 Type 304	105.85	28.37
	15MOD-0112 For Work In Restricted Working Space, Add	17.01	
15066-0489	EA 2-1/2" Flanges, Stainless Steel Schedule 10 Type 304	144.05	36.25
	15MOD-0112 For Work In Restricted Working Space, Add	21.75	
15066-0490	EA 3" Flanges, Stainless Steel Schedule 10 Type 304	158.80	41.92
	15MOD-0112 For Work In Restricted Working Space, Add	25.13	
15066-0491	EA 4" Flanges, Stainless Steel Schedule 10 Type 304	217.81	56.73
	15MOD-0112 For Work In Restricted Working Space, Add	34.04	
15066-0492	EA 6" Flanges, Stainless Steel Schedule 10 Type 304	330.25	84.16
	15MOD-0112 For Work In Restricted Working Space, Add	50.45	
15066-0493	EA 8" Flange, Stainless Steel Schedule 10 Type 304	632.37	105.44
	15MOD-0112 For Work In Restricted Working Space, Add	67.79	
15066-0494	EA 10" Flange, Stainless Steel Schedule 10 Type 304	967.50	123.02
	15MOD-0112 For Work In Restricted Working Space, Add	79.09	
15066-0495	EA 12" Flange, Stainless Steel Schedule 10 Type 304	1,340.64	140.59
	15MOD-0112 For Work In Restricted Working Space, Add	90.38	
15066-0496	Slip-On Flanges <small>(15066-0412)</small>		
15066-0497	EA 1/2" Flange, Stainless Steel Schedule 10 Type 304	89.98	31.52
	15MOD-0112 For Work In Restricted Working Space, Add	18.92	
15066-0498	EA 3/4" Flange, Stainless Steel Schedule 10 Type 304	93.61	31.52
	15MOD-0112 For Work In Restricted Working Space, Add	18.92	
15066-0499	EA 1" Flange, Stainless Steel Schedule 10 Type 304	110.32	38.77
	15MOD-0112 For Work In Restricted Working Space, Add	23.27	
15066-0500	EA 1-1/4" Flange, Stainless Steel Schedule 10 Type 304	121.77	41.92
	15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0501	EA 1-1/2" Flange, Stainless Steel Schedule 10 Type 304	136.02	46.02
	15MOD-0112 For Work In Restricted Working Space, Add	27.61	
15066-0502	EA 2" Flange, Stainless Steel Schedule 10 Type 304	159.43	50.43
	15MOD-0112 For Work In Restricted Working Space, Add	30.24	
15066-0503	EA 2-1/2" Flange, Stainless Steel Schedule 10 Type 304	197.97	56.73
	15MOD-0112 For Work In Restricted Working Space, Add	34.04	
15066-0504	EA 3" Flange, Stainless Steel Schedule 10 Type 304	216.53	63.05
	15MOD-0112 For Work In Restricted Working Space, Add	37.80	
15066-0505	EA 4" Flange, Stainless Steel Schedule 10 Type 304	295.70	84.47
	15MOD-0112 For Work In Restricted Working Space, Add	50.69	
15066-0506	EA 6" Flange, Stainless Steel Schedule 10 Type 304	448.50	126.08
	15MOD-0112 For Work In Restricted Working Space, Add	75.58	
15066-0507	EA 8" Flange, Stainless Steel Schedule 10 Type 304	1,368.36	210.89
	15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0508	Caps <small>(15066-0412)</small>		
15066-0509	EA 1/2" Cap, Stainless Steel Schedule 10 Type 304	46.19	14.50
	15MOD-0112 For Work In Restricted Working Space, Add	8.70	
15066-0510	EA 3/4" Cap, Stainless Steel Schedule 10 Type 304	51.10	15.76
	15MOD-0112 For Work In Restricted Working Space, Add	9.46	
15066-0511	EA 1" Cap, Stainless Steel Schedule 10 Type 304	63.92	20.80
	15MOD-0112 For Work In Restricted Working Space, Add	12.49	
15066-0512	EA 1-1/4" Cap, Stainless Steel Schedule 10 Type 304	69.09	22.06
	15MOD-0112 For Work In Restricted Working Space, Add	13.24	
15066-0513	EA 1-1/2" Cap, Stainless Steel Schedule 10 Type 304	77.19	25.22
	15MOD-0112 For Work In Restricted Working Space, Add	15.13	
15066-0514	EA 2" Cap, Stainless Steel Schedule 10 Type 304	84.35	28.37
	15MOD-0112 For Work In Restricted Working Space, Add	17.01	
15066-0515	EA 2-1/2" Cap, Stainless Steel Schedule 10 Type 304	104.61	36.25
	15MOD-0112 For Work In Restricted Working Space, Add	21.75	
15066-0516	EA 3" Cap, Stainless Steel Schedule 10 Type 304	119.46	41.92
	15MOD-0112 For Work In Restricted Working Space, Add	25.13	
15066-0517	EA 4" Cap, Stainless Steel Schedule 10 Type 304	174.64	56.11
	15MOD-0112 For Work In Restricted Working Space, Add	33.66	
15066-0518	EA 6" Cap, Stainless Steel Schedule 10 Type 304	232.38	84.16
	15MOD-0112 For Work In Restricted Working Space, Add	50.45	
15066-0519	Reducing Tees <small>(15066-0412)</small>		
15066-0520	EA 3/4" Reducing Tees, Stainless Steel Schedule 10 Type 304	125.17	45.71
	15MOD-0112 For Work In Restricted Working Space, Add	22.89	
15066-0521	EA 1" Reducing Tees, Stainless Steel Schedule 10 Type 304	154.68	56.11
	15MOD-0112 For Work In Restricted Working Space, Add	28.05	
15066-0522	EA 1-1/4" Reducing Tees, Stainless Steel Schedule 10 Type 304	172.43	63.05
	15MOD-0112 For Work In Restricted Working Space, Add	31.52	
15066-0523	EA 1-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304	193.33	71.87
	15MOD-0112 For Work In Restricted Working Space, Add	35.93	
15066-0524	EA 2" Reducing Tees, Stainless Steel Schedule 10 Type 304	215.03	77.23
	15MOD-0112 For Work In Restricted Working Space, Add	38.61	
15066-0525	EA 2-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304	313.47	84.16
	15MOD-0112 For Work In Restricted Working Space, Add	42.08	
15066-0526	EA 3" Reducing Tees, Stainless Steel Schedule 10 Type 304	318.00	100.87
	15MOD-0112 For Work In Restricted Working Space, Add	50.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0527	EA	4" Reducing Tees, Stainless Steel Schedule 10 Type 304	393.65	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	63.04	
15066-0528	EA	6" Reducing Tees, Stainless Steel Schedule 10 Type 304	692.98	144.04
		15MOD-0112 For Work In Restricted Working Space, Add	72.03	
15066-0529	EA	8" Reducing Tee, Stainless Steel Schedule 10 Type 304	1,242.67	210.89
		15MOD-0112 For Work In Restricted Working Space, Add	112.98	
15066-0530	EA	10" Reducing Tee, Stainless Steel Schedule 10 Type 304	2,632.90	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	150.64	
15066-0531	EA	12" Reducing Tee, Stainless Steel Schedule 10 Type 304	3,448.45	421.78
		15MOD-0112 For Work In Restricted Working Space, Add	225.95	
15066-0532		Type 304 Schedule 40 Pipe And Welded Butt Fittings (15066-0212)		
15066-0533		Pipe (15066-0532)		
15066-0534	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	12.65	2.84
		15MOD-0112 For Work In Restricted Working Space, Add	1.70	
15066-0535	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	15.36	3.46
		15MOD-0112 For Work In Restricted Working Space, Add	2.08	
15066-0536	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	18.83	4.10
		15MOD-0112 For Work In Restricted Working Space, Add	2.44	
15066-0537	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	23.53	5.04
		15MOD-0112 For Work In Restricted Working Space, Add	3.05	
15066-0538	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	27.13	5.68
		15MOD-0112 For Work In Restricted Working Space, Add	3.44	
15066-0539	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	34.76	7.25
		15MOD-0112 For Work In Restricted Working Space, Add	4.26	
15066-0540	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	43.19	8.20
		15MOD-0112 For Work In Restricted Working Space, Add	4.87	
15066-0541	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	42.00	9.14
		15MOD-0112 For Work In Restricted Working Space, Add	5.48	
15066-0542	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	69.62	10.72
		15MOD-0112 For Work In Restricted Working Space, Add	6.49	
15066-0543	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	108.58	14.18
		15MOD-0112 For Work In Restricted Working Space, Add	8.52	
15066-0544	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	194.98	26.72
		15MOD-0112 For Work In Restricted Working Space, Add	17.25	
15066-0545	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	246.56	29.52
		15MOD-0112 For Work In Restricted Working Space, Add	18.98	
15066-0546	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	307.04	32.69
		15MOD-0112 For Work In Restricted Working Space, Add	21.09	
15066-0547		90 Degree Elbows (15066-0532)		
15066-0548	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	86.30	35.93
		15MOD-0112 For Work In Restricted Working Space, Add	21.56	
15066-0549	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	90.71	38.14
		15MOD-0112 For Work In Restricted Working Space, Add	22.88	
15066-0550	EA	1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	100.23	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0551	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	115.95	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	27.43	
15066-0552	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	121.23	50.43
		15MOD-0112 For Work In Restricted Working Space, Add	30.23	
15066-0553	EA	2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	139.54	56.11
		15MOD-0112 For Work In Restricted Working Space, Add	33.68	
15066-0554	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	200.37	71.87
		15MOD-0112 For Work In Restricted Working Space, Add	43.07	
15066-0555	EA	3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	245.18	84.16
		15MOD-0112 For Work In Restricted Working Space, Add	50.43	
15066-0556	EA	4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	337.73	100.87
		15MOD-0112 For Work In Restricted Working Space, Add	60.42	
15066-0557	EA	6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	706.05	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	75.49	
15066-0558	EA	8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	1,214.67	210.89
		15MOD-0112 For Work In Restricted Working Space, Add	135.57	
15066-0559	EA	10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	2,217.33	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	180.76	
15066-0560	EA	12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	3,135.30	421.78
		15MOD-0112 For Work In Restricted Working Space, Add	271.14	
15066-0561		45 Degree (15066-0532)		
15066-0562	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	92.31	35.93
		15MOD-0112 For Work In Restricted Working Space, Add	21.56	
15066-0563	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	96.72	38.14
		15MOD-0112 For Work In Restricted Working Space, Add	22.88	
15066-0564	EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	104.29	41.92
		15MOD-0112 For Work In Restricted Working Space, Add	25.15	
15066-0565	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	111.83	45.71
		15MOD-0112 For Work In Restricted Working Space, Add	27.41	
15066-0566	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	128.17	50.43
		15MOD-0112 For Work In Restricted Working Space, Add	30.27	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0567	EA 2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	140.92 33.68	56.11
15066-0568	EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	198.05 43.10	71.87
15066-0569	EA 3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	222.68 50.49	84.16
15066-0570	EA 4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	297.34 60.48	100.87
15066-0571	EA 6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	524.81 75.65	126.08
15066-0572	EA 8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	955.00 135.57	210.89
15066-0573	EA 10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	1,568.17 180.76	281.19
15066-0574	EA 12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	2,153.45 271.14	421.78
15066-0575	Tees (15066-0532)		
15066-0576	EA 1/2" Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	139.22 27.40	45.71
15066-0577	EA 3/4" Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	160.01 33.64	56.11
15066-0578	EA 1" Tees, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	173.86 37.79	63.05
15066-0579	EA 1-1/4" Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	220.83 43.12	71.87
15066-0580	EA 1-1/2" Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	202.15 46.28	77.23
15066-0581	EA 2" Tees, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	218.52 50.46	84.16
15066-0582	EA 2-1/2" Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	337.91 60.48	100.87
15066-0583	EA 3" Tees, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	361.22 75.75	126.08
15066-0584	EA 4" Tees, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	431.08 85.02	141.84
15066-0585	EA 6" Tees, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	821.26 113.46	189.13
15066-0586	EA 8" Tee, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	1,795.38 180.76	281.19
15066-0587	EA 10" Tee, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	3,175.88 271.14	421.78
15066-0588	EA 12" Tee, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	3,969.85 338.93	527.22
15066-0589	Reducers (15066-0532)		
15066-0590	EA 3/4" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	97.87 20.82	34.67
15066-0591	EA 1" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	108.51 22.69	37.83
15066-0592	EA 1-1/4" Reducer, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	135.16 25.15	41.92
15066-0593	EA 1-1/2" Reducer, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	113.35 27.41	45.71
15066-0594	EA 2" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	124.71 30.27	50.43
15066-0595	EA 2-1/2" Reducer, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	162.17 37.82	63.05
15066-0596	EA 3" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	179.24 43.06	71.87
15066-0597	EA 4" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	208.48 50.46	84.16
15066-0598	EA 6" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	269.07 64.24	107.17
15066-0599	EA 8" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	613.36 108.46	168.71
15066-0600	EA 10" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	802.16 135.57	210.89
15066-0601	EA 12" Reducer, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	1,066.27 180.76	281.19
15066-0602	Flanges (15066-0532)		
15066-0603	EA 1/2" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	57.98 8.70	14.50
15066-0604	EA 3/4" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	60.50 9.46	15.76
15066-0605	EA 1" Flanges, Stainless Steel Schedule 40 Type 304..... 15MOD-0112 For Work In Restricted Working Space, Add	71.22 12.68	21.12
15066-0606	EA 1-1/4" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	79.86 13.24	22.06

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0607 EA 1-1/2" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	92.92 15.13	25.22
15066-0608 EA 2" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	111.75 17.01	28.37
15066-0609 EA 2-1/2" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	152.64 21.75	36.25
15066-0610 EA 3" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	167.80 25.13	41.92
15066-0611 EA 4" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	230.33 34.04	56.73
15066-0612 EA 6" Flanges, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	349.70 50.45	84.16
15066-0613 EA 8" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	681.14 67.79	105.44
15066-0614 EA 10" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	1,051.97 79.09	123.02
15066-0615 EA 12" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	1,465.36 90.38	140.59
15066-0616 Slip-On Flanges (15066-0532)		
15066-0617 EA 1/2" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	93.21 18.92	31.52
15066-0618 EA 3/4" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	97.27 18.92	31.52
15066-0619 EA 1" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	114.26 23.27	38.77
15066-0620 EA 1-1/4" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	126.32 25.15	41.92
15066-0621 EA 1-1/2" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	141.30 27.61	46.02
15066-0622 EA 2" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	166.46 30.24	50.43
15066-0623 EA 2-1/2" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	208.11 34.04	56.73
15066-0624 EA 3" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	227.39 37.80	63.05
15066-0625 EA 4" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	310.91 50.69	84.47
15066-0626 EA 6" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	472.08 75.58	126.08
15066-0627 EA 8" Flange, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	1,478.34 135.57	210.89
15066-0628 Caps (15066-0532)		
15066-0629 EA 1/2" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	48.26 8.70	14.50
15066-0630 EA 3/4" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	53.45 9.46	15.76
15066-0631 EA 1" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	66.59 12.49	20.80
15066-0632 EA 1-1/4" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	72.09 13.24	22.06
15066-0633 EA 1-1/2" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	80.40 15.13	25.22
15066-0634 EA 2" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	87.67 17.01	28.37
15066-0635 EA 2-1/2" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	108.46 21.75	36.25
15066-0636 EA 3" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	123.74 25.13	41.92
15066-0637 EA 4" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	182.14 33.66	56.11
15066-0638 EA 6" Cap, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	240.08 50.45	84.16
15066-0639 Reducing Tees (15066-0532)		
15066-0640 EA 1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	128.75 22.83	45.71
15066-0641 EA 3/4" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	146.07 28.02	56.11
15066-0642 EA 1" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	157.64 31.49	63.05
15066-0643 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	204.52 35.92	71.87
15066-0644 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	181.17 38.55	77.23
15066-0645 EA 2" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	195.51 42.05	84.16
15066-0646 EA 2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 15MOD-0112 For Work In Restricted Working Space, Add	317.91 50.39	100.87



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15066-0647	EA	3" Reducing Tees, Stainless Steel Schedule 40 Type 304.....	330.08	126.08
		15MOD-0112 For Work In Restricted Working Space, Add	63.14	
15066-0648	EA	4" Reducing Tees, Stainless Steel Schedule 40 Type 304.....	398.66	141.84
		15MOD-0112 For Work In Restricted Working Space, Add	70.86	
15066-0649	EA	6" Reducing Tees, Stainless Steel Schedule 40 Type 304.....	802.31	189.13
		15MOD-0112 For Work In Restricted Working Space, Add	94.49	
15066-0650	EA	8" Reducing Tee, Stainless Steel Schedule 40 Type 304.....	1,814.24	281.19
		15MOD-0112 For Work In Restricted Working Space, Add	150.64	
15066-0651	EA	10" Reducing Tee, Stainless Steel Schedule 40 Type 304.....	3,252.44	421.78
		15MOD-0112 For Work In Restricted Working Space, Add	225.95	
15066-0652	EA	12" Reducing Tee, Stainless Steel Schedule 40 Type 304.....	4,065.56	527.22
		15MOD-0112 For Work In Restricted Working Space, Add	282.44	

15072 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15050)

15072-0001 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping (15072)

15072-0002 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15072-0001)

Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.

15072-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	3.90	1.19
15072-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	4.29	1.28
15072-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	5.17	1.38
15072-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	6.59	1.46
15072-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	7.79	1.54
15072-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	12.02	1.60
15072-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	16.38	1.70

15072-0010 Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15072-0001)

15072-0011 Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15072-0010)

15072-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	18.46	
15072-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	18.46	
15072-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	19.79	
15072-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	19.79	
15072-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	24.00	
15072-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.50	
15072-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.50	
15072-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	57.91	
15072-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	107.28	
15072-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	174.71	

15072-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15072-0010)

15072-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	17.83	
15072-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	19.79	
15072-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	19.79	
15072-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	24.00	
15072-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	24.00	
15072-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.96	
15072-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.96	

15072-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15072-0010)

15072-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	24.37	
15072-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	32.52	

15072-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe (15072-0010)

15072-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.26	
15072-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	28.09	
15072-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.53	
15072-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	51.49	
15072-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	97.69	
15072-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	192.19	
15072-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	320.21	

15000 Mechanical**15050 Basic Materials And Methods****15072 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

15072-0041		Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>	
15072-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	34.82
15072-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	57.15
15072-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	91.67
15072-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	159.19
15072-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	171.25
15072-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	196.88
15072-0048		Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>	
15072-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	22.54
15072-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	23.26
15072-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.34
15072-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	34.52
15072-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.04
15072-0054		Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>	
15072-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	24.98
15072-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.60
15072-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	30.30
15072-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.91
15072-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.91
15072-0060		Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>	
15072-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.60
15072-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.55
15072-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	40.53
15072-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	66.69
15072-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	69.30
15072-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	101.72
15072-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	127.46
15072-0068		Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>	
15072-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	39.96
15072-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	40.88
15072-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	45.40
15072-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	85.31
15072-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	88.08
15072-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	122.66
15072-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	155.82
15072-0076		Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>	
15072-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	23.67
15072-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.60
15072-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	39.74
15072-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	62.08
15072-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	122.34
15072-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	195.88



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15072-0083	Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>			
	Note: Includes mounting plate.			
15072-0084	EA 1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.38		
15072-0085	EA 3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	22.26		
15072-0086	EA 1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.40		
15072-0087	EA 1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	20.48		
15072-0088	EA 3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	21.32		
15072-0089	EA 1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	25.55		
15072-0090	EA 1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.00		
15072-0091	Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>			
	Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.			
15072-0092	EA 1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	58.09		12.41
15072-0093	EA 3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	65.94		13.03
15072-0094	Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>			
15072-0095	EA 3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	41.03		10.86
15072-0096	EA 1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	47.65		12.91
15072-0097	EA 3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	58.57		15.52
15072-0098	EA 1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	72.87		20.73
15072-0099	Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>			
	Note: Includes mounting hardware.			
15072-0100	EA 1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	50.53		12.91
15072-0101	EA 3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	57.06		15.52
15072-0102	EA 1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.43		12.91
15072-0103	EA 3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	59.59		15.52
15072-0104	EA 2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	110.63		38.79
15072-0105	Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(15072-0010)</small>			
15072-0106	EA 1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	53.68		12.91
15072-0107	EA 1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	53.68		12.91
15072-0108	EA 1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	76.99		12.91
15072-0109	EA 3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	82.15		15.52
15072-0110	EA 3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	82.15		15.52
15072-0111	EA 1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	92.50		20.73
15072-0112	EA 1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	140.85		23.27
15072-0113	EA 1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	72.86		12.91
15072-0114	EA 3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	187.69		15.52
15072-0115	EA 1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	461.18		23.27
15075	Hose, Clamps, And Couplings <small>(15050)</small>			
15075-0001	Rubber Hose And Clamps <small>(15075)</small>			
15075-0002	General Purpose Hose <small>(15075-0001)</small>			
	Note: For medium pressure applications requiring excellent resistance to air, oil and heat.			
15075-0003	LF 3/8" Inside Diameter Rubber Hose And Clamp.....	6.36		1.35
15075-0004	LF 1/2" Inside Diameter Rubber Hose And Clamp.....	6.44		1.35
15075-0005	LF 5/8" Inside Diameter Rubber Hose And Clamp.....	6.65		1.35
15075-0006	LF 3/4" Inside Diameter Rubber Hose And Clamp.....	6.60		1.35
15075-0007	LF 1" Inside Diameter Rubber Hose And Clamp.....	8.45		2.01
15075-0008	LF 1-1/4" Inside Diameter Rubber Hose And Clamp.....	9.69		2.01
15075-0009	LF 1-1/2" Inside Diameter Rubber Hose And Clamp.....	11.35		2.68
15075-0010	Serrated Shank Nipple <small>(15075-0001)</small>			
	Note: For use as medium pressure coupling.			
15075-0011	EA 3/8" Inside Diameter Hose X 1/2" Male Pipe Thread Serrated Shank Nipple.....	14.60		3.36
15075-0012	EA 1/2" Inside Diameter Hose X 5/8" Male Pipe Thread Serrated Shank Nipple.....	14.53		3.36
15075-0013	EA 5/8" Inside Diameter Hose X 3/4" Male Pipe Thread Serrated Shank Nipple.....	14.53		3.36
15075-0014	EA 3/4" Inside Diameter Hose X 1" Male Pipe Thread Serrated Shank Nipple.....	18.41		4.70
15075-0015	EA 1" Inside Diameter Hose X 1-1/4" Male Pipe Thread Serrated Shank Nipple.....	19.37		4.70
15075-0016	EA 1-1/4" Inside Diameter Hose X 1-1/2" Male Pipe Thread Serrated Shank Nipple.....	36.52		8.74
15075-0017	EA 1-1/2" Inside Diameter Hose X 2" Male Pipe Thread Serrated Shank Nipple.....	45.33		10.75

15000 Mechanical**15050 Basic Materials And Methods****15075 Hose, Clamps, And Couplings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15075-0018 Worm-Drive Hose Clamp (15075-0001)				
15075-0019	EA	3/8" Inside Diameter - 1" Outside Diameter Worm Drive Hose Clamp.....	6.84	2.01
15075-0020	EA	1/2" Inside Diameter - 1-1/6" Outside Diameter Worm Drive Hose Clamp.....	7.25	2.01
15075-0021	EA	5/8" Inside Diameter - 1-1/2" Outside Diameter Worm Drive Hose Clamp.....	7.68	2.01
15075-0022	EA	3/4" Inside Diameter - 2" Outside Diameter Worm Drive Hose Clamp.....	8.18	2.01
15075-0023	EA	1" Inside Diameter - 2-1/2" Outside Diameter Worm Drive Hose Clamp.....	8.75	2.01
15075-0024	EA	1-1/4" Inside Diameter - 2-3/4" Outside Diameter Worm Drive Hose Clamp.....	9.46	2.68
15075-0025	EA	1-1/2" Inside Diameter - 3" Outside Diameter Worm Drive Hose Clamp.....	10.22	2.68
15075-0026 Chemical Resistant Rubber Hoses (15075-0001)				
15075-0027	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose.....	1,018.99	170.13
15075-0028	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose.....	1,463.68	170.13
15075-0029 Water Pump Hose (15075-0001)				
15075-0030	EA	2" Inside Diameter, 20' Rubber Discharge Hose.....	163.77	41.03
15075-0031	EA	2" Inside Diameter, 20' Rubber Intake Hose.....	170.09	41.03
15075-0032 Shear Ring Couplings, FERNCO, #1056 (15075)				
15075-0033 FERNCO Type Couplings, With Stainless Steel Rings (15075-0032)				
15075-0034	EA	1-1/4" Flexible Coupling.....	8.46	2.69
15075-0035	EA	1-1/2" Flexible Coupling.....	8.54	2.86
15075-0036	EA	2" Flexible Coupling.....	8.98	3.03
15075-0037	EA	3" Flexible Coupling.....	10.33	3.21
15075-0038	EA	4" Flexible Coupling.....	11.66	3.37
15075-0039	EA	5" Flexible Coupling.....	14.80	3.54
15075-0040	EA	6" Flexible Coupling.....	17.95	3.71
15075-0041	EA	8" Flexible Coupling.....	24.29	4.04
15075-0042	EA	10" Flexible Coupling.....	31.96	4.72
15075-0043 FERNCO Type Reducing Couplings, With Stainless Steel Rings (15075-0032)				
15075-0044	EA	1-1/2" x 1-1/4" Flexible Reducing Coupling.....	9.01	2.86
15075-0045	EA	2" x 1-1/2" Flexible Reducing Coupling.....	9.15	3.03
15075-0046	EA	3" x 1-1/2" Flexible Reducing Coupling.....	12.15	3.21
15075-0047	EA	3" x 2" Flexible Reducing Coupling.....	10.81	3.21
15075-0048	EA	4" x 1-1/2" Flexible Reducing Coupling.....	15.13	3.37
15075-0049	EA	4" x 2" Flexible Reducing Coupling.....	14.44	3.37
15075-0050	EA	4" x 3" Flexible Reducing Coupling.....	13.16	3.37
15075-0051	EA	5" x 3" Flexible Reducing Coupling.....	19.43	3.54
15075-0052	EA	5" x 4" Flexible Reducing Coupling.....	17.47	3.54
15075-0053	EA	6" x 3" Flexible Reducing Coupling.....	24.21	3.71
15075-0054	EA	6" x 4" Flexible Reducing Coupling.....	21.29	3.71
15075-0055	EA	6" x 5" Flexible Reducing Coupling.....	22.10	3.71
15075-0056	EA	8" x 4" Flexible Reducing Coupling.....	43.52	6.74
15075-0057	EA	8" x 6" Flexible Reducing Coupling.....	35.42	6.74
15075-0058	EA	10" x 8" Flexible Reducing Coupling.....	45.04	7.58
15075-0059 Quick Caps, FERNCO, #QC (15075)				
15075-0060	EA	1-1/2" PVC Quick Cap.....	30.44	18.20
15075-0061	EA	2" PVC Quick Cap.....	32.72	19.35
15075-0062	EA	3" PVC Quick Cap.....	37.97	22.18
15075-0063	EA	4" PVC Quick Cap.....	50.06	29.33
15075-0064	EA	5" PVC Quick Cap.....	60.06	35.06
15075-0065	EA	6" PVC Quick Cap.....	69.03	40.45
15075-0066	EA	8" PVC Quick Cap.....	93.76	51.24
15080 Piping Specialties (15080)				
15080-0001 Air Vents (15080)				
15080-0002 Cast Iron, With Guided Free Floating Lever, Automatic (15080-0001)				
15080-0003	EA	1/2" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever.....	170.38	19.56
15080-0004	EA	3/4" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever.....	208.94	25.96
15080-0005	EA	1" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever.....	469.65	26.98
15080-0006	EA	1-1/4" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever.....	696.75	41.68
15080-0007	EA	1-1/2" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever.....	1,156.68	44.86
15080-0008	EA	2" NPT, Cast Iron Auto Air Vent With Guided Free Floating Lever.....	1,329.73	59.15
15080-0009 Forged Steel, Stainless Steel Internals, Automatic (15080-0001)				
Note: With guided free floating lever.				
15080-0010	EA	1/2" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever.....	1,128.72	22.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15080-0011 EA 3/4" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	1,414.44	25.96
15080-0012 EA 1" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	1,687.43	26.98
15080-0013 EA 1-1/4" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	2,768.48	41.82
15080-0014 EA 1-1/2" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	3,197.25	44.86
15080-0015 EA 2" NPT, Forged Steel Auto Air Vent With Guided Free Floating Lever	4,699.91	59.02
15080-0016 Manual Air Vent <small>(15080-0001)</small>		
15080-0017 EA Manual Air Vent	48.37	24.35
15080-0018 Automatic Brass Vent Traps <small>(15080-0001)</small>		
15080-0019 EA Trap Vent, Automatic, 1-1/2" Brass Base With Chrome Finish	39.60	20.63
15080-0020 Thermometers <small>(15080)</small>		
15080-0021 Bi-Metal, Dial Type Thermometers, Steel Case, Brass Stem <small>(15080-0020)</small>		
Note: Various ranges		
15080-0022 EA Thermometer, 2" Diameter Dial With 4" - 9" Stem Multi-Range, Steel Case And Brass Stem	72.08	21.59
15080-0023 EA Thermometer, 2.5" Diameter Dial With 4" - 9" Stem Multi-Range, Steel Case And Brass Stem	86.40	21.59
15080-0024 EA Thermometer, 3.5" Diameter Dial With 4" - 9" Stem Multi-Range, Steel Case And Brass Stem	86.40	21.59
15080-0025 Liquid Filled Industrial Union Connection Type Thermometers <small>(15080-0020)</small>		
Note: Various ranges		
15080-0026 EA Thermometer, 7" Scale And Angle Stem Industrial With Liquid, Multi Range With Union	100.71	21.59
15080-0027 EA Thermometer, 9" Scale And Angle Stem Industrial With Liquid, Multi Range With Union	100.71	21.59
15080-0028 EA Thermometer, 12" Scale And Angle Stem Industrial With Liquid, Multi Range With Union	130.64	21.59
15080-0029 EA Thermometer, 7" Scale And Straight Stem Industrial With Liquid, Multi Range With Union	104.61	21.59
15080-0030 EA Thermometer, 9" Scale And Straight Stem Industrial With Liquid, Multi Range With Union	111.12	21.59
15080-0031 EA Thermometer, 12" Scale And Straight Stem Industrial With Liquid, Multi Range With Union	134.54	21.59
15080-0032 Liquid Filled Industrial Separable Socket Type Thermometers <small>(15080-0020)</small>		
Note: Various ranges		
15080-0033 EA Thermometer, 7" Scale And Angle Stem, Adjustable, Industrial With Liquid, Multi Range With Socket Connection For Thermowell	100.71	21.59
15080-0034 EA Thermometer, 9" Scale And Angle Stem, Adjustable, Industrial With Liquid, Multi Range With Socket Connection For Thermowell	100.71	21.59
15080-0035 EA Thermometer, 12" Scale And Angle Stem, Adjustable, Industrial With Liquid, Multi Range With Socket Connection For Thermowell	130.64	21.59
15080-0036 EA Thermometer, 7" Scale And Straight Stem Industrial With Liquid, Multi Range With Socket Connection For Thermowell	117.63	21.59
15080-0037 EA Thermometer, 9" Scale And Straight Stem Industrial With Liquid, Multi Range With Socket Connection For Thermowell	130.64	21.59
15080-0038 EA Thermometer, 12" Scale And Straight Stem Industrial With Liquid, Multi Range With Socket Connection For Thermowell	133.96	21.59
15080-0039 Thermowell <small>(15080-0020)</small>		
15080-0040 EA Thermowell, 4" Long, 1" NPT, 304 Stainless Steel	112.64	40.47
15080-0041 EA Thermowell, 8" Long, 1" NPT, 304 Stainless Steel	112.58	40.47
15080-0042 Pressure Gauges <small>(15080)</small>		
15080-0043 Steel Case 0-60 PSI Or 0-100 PSI <small>(15080-0042)</small>		
15080-0044 EA 2" Diameter Dial Pressure Gauge Steel Case 0-60 PSI Or 0-100 PSI	50.48	21.59
15080-0045 EA 4" Diameter Dial Pressure Gauge Steel Case 0-60 PSI Or 0-100 PSI	58.16	21.59
15080-0046 Aluminum Case 0-60 PSI Or 0-100 PSI <small>(15080-0042)</small>		
15080-0047 EA 3.5" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	114.60	21.59
15080-0048 EA 4.5" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	114.60	21.59
15080-0049 EA 6.0" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	139.21	21.59
15080-0050 EA 8.5" Diameter Dial Pressure Gauge Aluminum Case 0-60 Or 0-100 PSI	284.12	21.59
15080-0051 Brass Case 0-60 PSI Or 0-100 PSI <small>(15080-0042)</small>		
15080-0052 EA 2" Diameter Dial Pressure Gauge Brass Case 0-60 Or 0-100 PSI	58.85	21.59
15080-0053 EA 4.5" Diameter Dial Pressure Gauge Brass Case 0-60 Or 0-100 PSI	49.47	21.59
15080-0054 Steel Case, High Pressure 0-10 K PSI <small>(15080-0042)</small>		
15080-0055 EA 4.5" Diameter Dial Pressure Gauge Steel Case High Press 0-10 K PSI	317.25	42.50
15080-0056 EA 6.5" Diameter Dial Pressure Gauge Steel Case High Press 0-10 K PSI	317.25	42.50
15080-0057 EA 8.5" Diameter Dial Pressure Gauge Steel Case High Press 0-10 K PSI	317.25	42.50
15080-0058 Gauge Accessories <small>(15080-0042)</small>		

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15080-0059 EA Brass Gauge Cock, 1/4" Female Pipe Thread	18.06	10.12
15080-0060 EA Brass Gauge Cock, 1/4" Male Pipe Thread	16.26	10.12
15080-0061 EA Pigtail, Steam Siphon 1/4"	17.32	10.12
15080-0062 EA 1/4" Thick, 3" Long Black Steel Nipple.....	8.16	3.37
15080-0063 EA Snubber Valve, 1/4" (Air INPT)	27.94	6.75
15080-0064 EA Thread-O-Let, 1/4" Steel	50.40	16.87
15080-0065 EA Union, 1/4" Black Steel	23.63	6.75
15080-0066 EA Coupling, 1/4" Black Steel.....	19.26	6.75
15080-0067 EA Plug, 1/4" Black Steel.....	12.06	4.04
15080-0068 EA Cap, 1/4" Black Steel	13.60	4.04
15080-0069 EA Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer) For Balancing Hydronic Systems.....	40.81	6.75
15080-0070 LF 1/4" Diameter Black Steel Schedule 40 Pipe, Threaded	4.84	
15080-0071 LF 1/4" Diameter Black Steel Schedule 80 Pipe, Plain End.....	4.64	
15080-0072 LF 1/4" Diameter Galvanized Steel, Schedule 40 Pipe, Threaded.....	5.36	
15080-0073 EA Ball Valve, 1/4" Forged Steel, Threaded, 800#.....	49.09	
15080-0074 Special Gauges <small>(15080-0042)</small>		
15080-0075 EA Draft Gauge	225.58	84.27
15080-0076 EA Steam Gauge.....	311.14	84.27
15080-0077 Trap Primer And Accessories <small>(15080)</small>		
15080-0078 Trap Primer <small>(15080-0077)</small>		
15080-0079 EA 1/2" Trap Primer, Flow Through Type.....	48.73	13.62
15080-0080 EA 1/2" Trap Primer, Flow Through Type With Sediment Strainer	54.32	14.83
15080-0081 Trap Primer Distribution Unit <small>(15080-0077)</small>		
15080-0082 EA Two Opening Distribution Unit	58.28	18.14
15080-0083 EA Three Opening Distribution Unit.....	63.88	19.42
15080-0084 EA Four Opening Distribution Unit.....	68.76	20.63
15080-0085 Trap Primer Manifold <small>(15080-0077)</small>		
15080-0086 EA Two Outlet Manifold.....	64.72	18.14
15080-0087 EA Four Outlet Manifold	88.08	20.63
15080-0088 EA Six Outlet Manifold.....	104.42	21.84
15080-0089 EA Eight Outlet Manifold.....	127.67	25.62
15080-0090 Valve Lock Shields <small>(15080)</small>		
15080-0091 EA Valve Lock Cover.....	52.65	10.32
15080-0092 Vent Valves <small>(15080)</small>		
15080-0093 EA 1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	41.74	10.12
15080-0094 EA 1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74).....	96.10	10.88
15080-0095 EA 1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75).....	91.78	10.88
15080-0096 EA 1/2" x 3/4", 10 PSIG Operating Pressure, Non-Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	94.80	10.88
15080-0097 EA 3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	121.21	10.88
15080-0098 EA 1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	90.60	10.88
15080-0099 Other Piping Specialties <small>(15080)</small>		
15080-0100 Drip-Pan Elbow Threaded Inlet <small>(15080-0099)</small>		
15080-0101 Cast Iron <small>(15080-0100)</small>		
15080-0102 EA 2-1/2" Cast Iron Drip-Pan Elbow Threaded Inlet	138.06	17.02
15MOD-0113 For Flanged Inlet, Add	48.04	
15080-0103 EA 3" Cast Iron Drip-Pan Elbow Threaded Inlet	157.19	20.17
15MOD-0113 For Flanged Inlet, Add	51.57	
15080-0104 EA 3-1/2" Cast Iron Drip-Pan Elbow Threaded Inlet	196.40	23.32
15MOD-0113 For Flanged Inlet, Add	69.57	
15080-0105 EA 4" Cast Iron Drip-Pan Elbow Threaded Inlet	286.86	26.48
15MOD-0113 For Flanged Inlet, Add	122.41	
15080-0106 EA 5" Cast Iron Drip-Pan Elbow Threaded Inlet	325.07	31.52
15MOD-0113 For Flanged Inlet, Add	135.31	
15080-0107 EA 6" Cast Iron Drip-Pan Elbow Threaded Inlet	448.40	39.71
15MOD-0113 For Flanged Inlet, Add	197.74	
15080-0108 EA 8" Cast Iron Drip-Pan Elbow Threaded Inlet	983.95	52.33
15MOD-0113 For Flanged Inlet, Add	526.20	
15080-0109 Cast Steel <small>(15080-0100)</small>		
15080-0110 EA 2-1/2" Cast Steel Drip-Pan Elbow Threaded Inlet	229.48	17.02
15MOD-0113 For Flanged Inlet, Add	110.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15080-0111	EA	3" Cast Steel Drip-Pan Elbow Threaded Inlet.....	277.73	20.17
		15MOD-0113 For Flanged Inlet, Add	133.54	
15080-0112	EA	3-1/2" Cast Steel Drip-Pan Elbow Threaded Inlet.....	386.76	23.32
		15MOD-0113 For Flanged Inlet, Add	199.02	
15080-0113	EA	4" Cast Steel Drip-Pan Elbow Threaded Inlet.....	399.52	26.48
		15MOD-0113 For Flanged Inlet, Add	199.02	
15080-0114	EA	5" Cast Steel Drip-Pan Elbow Threaded Inlet.....	562.75	31.52
		15MOD-0113 For Flanged Inlet, Add	296.94	
15080-0115	EA	6" Cast Steel Drip-Pan Elbow Threaded Inlet.....	594.27	39.71
		15MOD-0113 For Flanged Inlet, Add	296.94	
15080-0116	EA	8" Cast Steel Drip-Pan Elbow Threaded Inlet.....	960.00	52.33
		15MOD-0113 For Flanged Inlet, Add	509.91	
15080-0117		Sight Flow Indicator (15080)		
15080-0118		Threaded Sight Flow Indicator, Single Sided With Impeller (15080-0117)		
		Note: Dwyer; SFI-100		
15080-0119	EA	1/4" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	83.24	9.82
15080-0120	EA	3/8" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	86.96	10.33
15080-0121	EA	1/2" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	93.98	10.86
15080-0122	EA	3/4" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	105.86	14.63
15080-0123	EA	1" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	126.58	17.73
15080-0124	EA	1-1/4" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	144.14	22.45
15080-0125	EA	1-1/2" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	202.79	25.95
15080-0126	EA	2" Threaded Sight Flow Indicator, Single Window, Bronze Body With ABS Plastic Impeller.....	225.16	30.67
15080-0127		Threaded Sight Flow Indicator, Double Sided With Impeller (15080-0117)		
		Note: Dwyer; SFI-300		
15080-0128	EA	1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	107.50	9.82
15080-0129	EA	3/8" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	110.68	10.33
15080-0130	EA	1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	119.32	10.86
15080-0131	EA	3/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	127.42	14.63
15080-0132	EA	1" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	135.74	17.73
15080-0133	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	147.91	22.45
15080-0134	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	276.10	25.95
15080-0135	EA	2" Threaded Sight Flow Indicator, Double Window, Bronze Body With ABS Plastic Impeller.....	296.32	30.67
15080-0136		Threaded Sight Flow Indicator, Double Sided With Impeller (15080-0117)		
		Note: Dwyer; SFI-300SS		
15080-0137	EA	1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	154.39	9.82
15080-0138	EA	3/8" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	162.97	10.33
15080-0139	EA	1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	177.00	10.86
15080-0140	EA	3/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	193.18	14.63
15080-0141	EA	1" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	221.99	17.73
15080-0142	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	235.77	22.45
15080-0143	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	470.16	25.95
15080-0144	EA	2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With Stainless Steel Impeller.....	495.76	30.67
15080-0145		Threaded Sight Flow Indicator, Double Sided With Flapper (15080-0117)		
		Note: Dwyer; SFI-360		
15080-0146	EA	1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	105.88	9.82
15080-0147	EA	3/8" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	110.14	10.33
15080-0148	EA	1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	116.62	10.86
15080-0149	EA	3/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	126.88	14.63
15080-0150	EA	1" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	135.20	17.73
15080-0151	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	147.91	22.45
15080-0152	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	272.87	25.95
15080-0153	EA	2" Threaded Sight Flow Indicator, Double Window, Bronze Body With 304SS Flapper.....	292.00	30.67
15080-0154		Threaded Sight Flow Indicator, Double Sided With Flapper (15080-0117)		
		Note: Dwyer; SFI-360SS		
15080-0155	EA	1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	153.31	9.82
15080-0156	EA	3/8" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	165.13	10.33
15080-0157	EA	1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	180.23	10.86
15080-0158	EA	3/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	193.18	14.63
15080-0159	EA	1" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	221.99	17.73
15080-0160	EA	1-1/4" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	237.93	22.45
15080-0161	EA	1-1/2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	470.16	25.95
15080-0162	EA	2" Threaded Sight Flow Indicator, Double Window, Stainless Steel Body With 304SS Flapper.....	495.76	30.67
15080-0163		Threaded Sight Flow Indicator, Tube Type Without Indicator (15080-0117)		
		Note: Dwyer; SFI-400		
15080-0164	EA	1" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller.....	226.30	17.73
15080-0165	EA	1-1/4" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller.....	255.18	22.45
15080-0166	EA	1-1/2" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller.....	290.12	25.95
15080-0167	EA	2" Threaded Sight Flow Indicator, Tube Style, Cast Iron Body Without Impeller.....	326.50	30.67

15000 Mechanical**15050 Basic Materials And Methods****15080 Piping Specialties**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
15080-0168		Flanged Sight Flow Indicator, Double Window With Flapper <small>(15080-0117)</small>			
		Note: Dwyer; SFI-360FCS			
15080-0169	EA	1-1/2" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper.....	499.73		70.79
15080-0170	EA	2" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper.....	560.03		89.86
15080-0171	EA	3" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper.....	820.15		105.51
15080-0172	EA	4" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper.....	1,240.73		176.89
15080-0173	EA	6" Flanged Sight Flow Indicator, Double Window, Carbon Steel Body With Flapper.....	2,041.52		251.31
15080-0174		Flanged Sight Flow Indicator, Tube Type Without Indicator <small>(15080-0117)</small>			
		Note: Dwyer; SFI-400F			
15080-0175	EA	1" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller.....	382.72		50.56
15080-0176	EA	1-1/4" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller.....	451.69		58.99
15080-0177	EA	1-1/2" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller.....	488.68		70.79
15080-0178	EA	2" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller.....	612.59		89.86
15080-0179	EA	3" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller.....	884.56		105.51
15080-0180	EA	4" Flanged Sight Flow Indicator, Tube Style, Stainless Steel Body Without Impeller.....	1,310.54		176.89
15083		Strainers, Filters And Driers <small>(15050)</small>			
15083-0001		Strainers <small>(15083)</small>			
15083-0002		Y-Type Iron Body Strainers, 250 LB, Screwed Ends <small>(15083-0001)</small>			
15083-0003	EA	1/4" Or 3/8" Strainer, Iron Body, Y-Type, 250 # Screwed Ends.....	37.01		7.55
		15MOD-0114 For Galvanized Body, Add	7.71		
		15MOD-0118 For Work In Restricted Working Space, Add	6.48		
15083-0004	EA	1/2" Strainer, Iron Body, Y-Type, 250 # Screwed Ends.....	37.34		7.69
		15MOD-0114 For Galvanized Body, Add	7.71		
		15MOD-0118 For Work In Restricted Working Space, Add	6.58		
15083-0005	EA	3/4" Strainer, Iron Body, Y-Type, 250 # Screwed Ends.....	48.08		10.39
		15MOD-0114 For Galvanized Body, Add	9.20		
		15MOD-0118 For Work In Restricted Working Space, Add	8.90		
15083-0006	EA	1" Strainer, Iron Body, Y-Type, 250 #, Screwed Ends.....	60.27		12.41
		15MOD-0114 For Galvanized Body, Add	12.44		
		15MOD-0118 For Work In Restricted Working Space, Add	10.62		
15083-0007	EA	1-1/4" Strainer, Iron Body, Y-Type, 250 #, Screwed Ends.....	77.91		15.34
		15MOD-0114 For Galvanized Body, Add	17.04		
		15MOD-0118 For Work In Restricted Working Space, Add	13.15		
15083-0008	EA	1-1/2" Strainer, Iron Body, Y-Type, 250 #, Screwed Ends.....	88.25		16.52
		15MOD-0114 For Galvanized Body, Add	20.52		
		15MOD-0118 For Work In Restricted Working Space, Add	14.17		
15083-0009	EA	2" Strainer, Iron Body, Y-Type, 250 #, Screwed Ends.....	117.11		18.88
		15MOD-0114 For Galvanized Body, Add	31.58		
		15MOD-0118 For Work In Restricted Working Space, Add	16.19		
15083-0010	EA	2-1/2" Strainer, Iron Body, Y-Type, 250 #, Screwed Ends.....	209.45		23.60
		15MOD-0114 For Galvanized Body, Add	71.00		
		15MOD-0118 For Work In Restricted Working Space, Add	20.24		
15083-0011	EA	3" Strainer, Iron Body, Y-Type, 250 #, Screwed Ends.....	269.83		29.54
		15MOD-0114 For Galvanized Body, Add	92.76		
		15MOD-0118 For Work In Restricted Working Space, Add	25.29		
15083-0012		Y-Type Iron Body Strainers, 125 LB, Flanged Ends <small>(15083-0001)</small>			
15083-0013	EA	1 1/2" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	148.64		33.72
		15MOD-0115 For Galvanized Body, Add	40.60		
		15MOD-0118 For Work In Restricted Working Space, Add	20.24		
15083-0014	EA	2" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	172.17		42.15
		15MOD-0115 For Galvanized Body, Add	43.93		
		15MOD-0118 For Work In Restricted Working Space, Add	25.29		
15083-0015	EA	3" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	344.34		67.45
		15MOD-0115 For Galvanized Body, Add	104.73		
		15MOD-0118 For Work In Restricted Working Space, Add	40.47		
15083-0016	EA	4" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	406.31		84.31
		15MOD-0115 For Galvanized Body, Add	118.85		
		15MOD-0118 For Work In Restricted Working Space, Add	50.59		
15083-0017	EA	5" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	517.33		125.71
		15MOD-0115 For Galvanized Body, Add	132.96		
		15MOD-0118 For Work In Restricted Working Space, Add	75.43		
15083-0018	EA	6" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	623.57		146.45
		15MOD-0115 For Galvanized Body, Add	165.13		
		15MOD-0118 For Work In Restricted Working Space, Add	88.00		
15083-0019	EA	8" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	1,002.42		175.99
		15MOD-0115 For Galvanized Body, Add	325.22		
		15MOD-0118 For Work In Restricted Working Space, Add	105.60		
15083-0020	EA	10" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	1,889.68		220.00
		15MOD-0115 For Galvanized Body, Add	724.85		
		15MOD-0118 For Work In Restricted Working Space, Add	131.99		
15083-0021	EA	12" Strainer, Iron Body, Y-Type, 125 #, Flanged Ends.....	2,135.91		314.27
		15MOD-0115 For Galvanized Body, Add	753.68		
		15MOD-0118 For Work In Restricted Working Space, Add	188.57		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15083-0022	Y-Type Bronze Body Strainers, 150 LB Screwed Ends <small>(15083-0001)</small>		
	Note: With screwed cap (4" size has bolted cap)		
15083-0023	EA 1/2" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 33.80	33.80	7.69
	15MOD-0116 For 300 LB Rating, Add 20.20	20.20	
	15MOD-0118 For Work In Restricted Working Space, Add 6.58	6.58	
15083-0024	EA 3/4" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 45.13	45.13	10.39
	15MOD-0116 For 300 LB Rating, Add 26.27	26.27	
	15MOD-0118 For Work In Restricted Working Space, Add 8.90	8.90	
15083-0025	EA 1" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 54.86	54.86	12.41
	15MOD-0116 For 300 LB Rating, Add 33.08	33.08	
	15MOD-0118 For Work In Restricted Working Space, Add 10.62	10.62	
15083-0026	EA 1-1/4" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 68.20	68.20	15.34
	15MOD-0116 For 300 LB Rating, Add 41.41	41.41	
	15MOD-0118 For Work In Restricted Working Space, Add 13.15	13.15	
15083-0027	EA 1-1/2" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 78.85	78.85	16.52
	15MOD-0116 For 300 LB Rating, Add 53.77	53.77	
	15MOD-0118 For Work In Restricted Working Space, Add 14.17	14.17	
15083-0028	EA 2" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 105.34	105.34	18.88
	15MOD-0116 For 300 LB Rating, Add 87.36	87.36	
	15MOD-0118 For Work In Restricted Working Space, Add 16.19	16.19	
15083-0029	EA 2-1/2" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 152.25	152.25	23.60
	15MOD-0116 For 300 LB Rating, Add 144.16	144.16	
	15MOD-0118 For Work In Restricted Working Space, Add 20.24	20.24	
15083-0030	EA 3" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 260.14	260.14	29.54
	15MOD-0116 For 300 LB Rating, Add 298.91	298.91	
	15MOD-0118 For Work In Restricted Working Space, Add 25.29	25.29	
15083-0031	EA 4" Strainer, Bronze Body, Y-Type, 150 #, Screwed Ends 434.87	434.87	35.40
	15MOD-0116 For 300 LB Rating, Add 567.29	567.29	
	15MOD-0118 For Work In Restricted Working Space, Add 30.35	30.35	
15083-0032	Y-Type Bronze Body Strainer, 150 LB, Flanged Ends <small>(15083-0001)</small>		
	Note: With bolted cap		
15083-0033	EA 2" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 231.91	231.91	42.15
	15MOD-0117 For 300 LB Rating, Add 88.56	88.56	
	15MOD-0118 For Work In Restricted Working Space, Add 25.29	25.29	
15083-0034	EA 2-1/2" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 260.32	260.32	54.97
	15MOD-0117 For 300 LB Rating, Add 90.23	90.23	
	15MOD-0118 For Work In Restricted Working Space, Add 32.98	32.98	
15083-0035	EA 3" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 307.09	307.09	67.45
	15MOD-0117 For 300 LB Rating, Add 103.32	103.32	
	15MOD-0118 For Work In Restricted Working Space, Add 40.47	40.47	
15083-0036	EA 4" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 587.04	587.04	84.31
	15MOD-0117 For 300 LB Rating, Add 251.05	251.05	
	15MOD-0118 For Work In Restricted Working Space, Add 50.59	50.59	
15083-0037	EA 6" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 927.57	927.57	146.45
	15MOD-0117 For 300 LB Rating, Add 380.55	380.55	
	15MOD-0118 For Work In Restricted Working Space, Add 88.00	88.00	
15083-0038	EA 8" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 1,434.39	1,434.39	175.99
	15MOD-0117 For 300 LB Rating, Add 649.44	649.44	
	15MOD-0118 For Work In Restricted Working Space, Add 105.60	105.60	
15083-0039	EA 10" Strainer, Bronze Body, Y-Type, 150 #, Flanged Ends 4,324.86	4,324.86	220.00
	15MOD-0117 For 300 LB Rating, Add 2,330.93	2,330.93	
	15MOD-0118 For Work In Restricted Working Space, Add 131.99	131.99	
15083-0040	Cast Iron Body Suction Diffuser <small>(15083)</small>		
	Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
15083-0041	EA 2" x 1-1/2" Threaded Cast Iron Suction Diffuser 354.52	354.52	26.58
	15MOD-0118 For Work In Restricted Working Space, Add 13.01	13.01	
15083-0042	EA 2" x 2" Threaded Cast Iron Suction Diffuser 371.76	371.76	29.47
	15MOD-0118 For Work In Restricted Working Space, Add 14.45	14.45	
15083-0043	EA 2-1/2" x 2" Threaded Cast Iron Suction Diffuser 377.32	377.32	30.96
	15MOD-0118 For Work In Restricted Working Space, Add 15.18	15.18	
15083-0044	EA 2-1/2" x 2-1/2" Flanged Cast Iron Suction Diffuser 641.83	641.83	34.80
	15MOD-0118 For Work In Restricted Working Space, Add 17.06	17.06	
15083-0045	EA 3" x 1-1/2" Threaded Cast Iron Suction Diffuser 388.60	388.60	36.02
	15MOD-0118 For Work In Restricted Working Space, Add 17.63	17.63	
15083-0046	EA 3" x 2" Threaded Cast Iron Suction Diffuser 441.49	441.49	36.02
	15MOD-0118 For Work In Restricted Working Space, Add 17.63	17.63	
15083-0047	EA 3" x 2-1/2" Flanged Cast Iron Suction Diffuser 672.74	672.74	40.40
	15MOD-0118 For Work In Restricted Working Space, Add 19.80	19.80	
15083-0048	EA 3" x 3" Flanged Cast Iron Suction Diffuser 678.70	678.70	42.15
	15MOD-0118 For Work In Restricted Working Space, Add 20.66	20.66	
15083-0049	EA 4" x 3" Flanged Cast Iron Suction Diffuser 819.96	819.96	61.98
	15MOD-0118 For Work In Restricted Working Space, Add 30.36	30.36	
15083-0050	EA 4" x 4" Flanged Cast Iron Suction Diffuser 948.09	948.09	73.72
	15MOD-0118 For Work In Restricted Working Space, Add 36.13	36.13	
15083-0051	EA 6" x 4" Flanged Cast Iron Suction Diffuser 1,180.08	1,180.08	116.72
	15MOD-0118 For Work In Restricted Working Space, Add 57.19	57.19	
15083-0052	EA 6" x 6" Flanged Cast Iron Suction Diffuser 1,432.33	1,432.33	128.29
	15MOD-0118 For Work In Restricted Working Space, Add 62.86	62.86	

15000 Mechanical**15050 Basic Materials And Methods****15083 Strainers, Filters And Driers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15083-0053 EA 8" x 6" Flanged Cast Iron Suction Diffuser.....	1,562.42	137.47
15MOD-0118 For Work In Restricted Working Space, Add	67.34	
15083-0054 EA 8" x 8" Flanged Cast Iron Suction Diffuser.....	2,550.80	153.94
15MOD-0118 For Work In Restricted Working Space, Add	75.43	
15083-0055 EA 10" x 8" Flanged Cast Iron Suction Diffuser.....	2,874.63	173.10
15MOD-0118 For Work In Restricted Working Space, Add	84.83	
15083-0056 EA 10" x 10" Flanged Cast Iron Suction Diffuser.....	3,431.97	192.40
15MOD-0118 For Work In Restricted Working Space, Add	94.28	

15084 Basket Strainers (15050)**15084-0001 Bronze Body Basket Strainers** (15084)**15084-0002 Bronze Basket Strainers, Screwed Ends** (15084-0001)

15084-0003 EA 1/2" Basket Strainer, Bronze, Screwed Ends.....	123.34	13.49
15MOD-0119 For Work In Restricted Working Space, Add	8.03	
15084-0004 EA 3/4" Basket Strainer, Bronze, Screwed Ends.....	145.70	15.85
15MOD-0119 For Work In Restricted Working Space, Add	9.44	
15084-0005 EA 1" Basket Strainer, Bronze, Screwed Ends.....	169.39	18.88
15MOD-0119 For Work In Restricted Working Space, Add	11.24	
15084-0006 EA 1-1/4" Basket Strainer, Bronze, Screwed Ends.....	209.05	20.91
15MOD-0119 For Work In Restricted Working Space, Add	12.53	
15084-0007 EA 1-1/2" Basket Strainer, Bronze, Screwed Ends.....	246.00	23.60
15MOD-0119 For Work In Restricted Working Space, Add	14.15	
15084-0008 EA 2" Basket Strainer, Bronze, Screwed Ends.....	360.16	26.98
15MOD-0119 For Work In Restricted Working Space, Add	16.21	
15084-0009 EA 2-1/2" Basket Strainer, Bronze, Screwed Ends.....	507.88	36.08
15MOD-0119 For Work In Restricted Working Space, Add	21.71	
15084-0010 EA 3" Basket Strainer, Bronze, Screwed Ends.....	704.78	38.44
15MOD-0119 For Work In Restricted Working Space, Add	23.02	

15084-0011 Bronze Basket Strainers, Flared Ends (15084-0001)

15084-0012 EA 2" Basket Strainer, Bronze, Flanged Ends.....	621.11	78.58
15MOD-0119 For Work In Restricted Working Space, Add	47.15	
15084-0013 EA 2-1/2" Basket Strainer, Bronze, Flanged Ends.....	965.33	119.72
15MOD-0119 For Work In Restricted Working Space, Add	71.83	
15084-0014 EA 3" Basket Strainer, Bronze, Flanged Ends.....	1,128.83	154.12
15MOD-0119 For Work In Restricted Working Space, Add	92.48	
15084-0015 EA 4" Basket Strainer, Bronze, Flanged Ends.....	1,748.19	179.75
15MOD-0119 For Work In Restricted Working Space, Add	107.86	
15084-0016 EA 6" Basket Strainer, Bronze, Flanged Ends.....	3,248.60	251.42
15MOD-0119 For Work In Restricted Working Space, Add	150.85	
15084-0017 EA 8" Basket Strainer, Bronze, Flanged Ends.....	5,700.40	301.70
15MOD-0119 For Work In Restricted Working Space, Add	181.01	

15084-0018 Iron Body Basket Strainers (15084)**15084-0019 Iron Basket Strainers, Screwed Ends** (15084-0018)

15084-0020 EA 1/2" Basket Strainer, Iron, Screwed Ends.....	141.96	13.49
15MOD-0119 For Work In Restricted Working Space, Add	8.03	
15084-0021 EA 3/4" Basket Strainer, Iron, Screwed Ends.....	160.39	15.85
15MOD-0119 For Work In Restricted Working Space, Add	9.44	
15084-0022 EA 1" Basket Strainer, Iron, Screwed Ends.....	189.66	18.88
15MOD-0119 For Work In Restricted Working Space, Add	11.24	
15084-0023 EA 1-1/4" Basket Strainer, Iron, Screwed Ends.....	245.76	20.91
15MOD-0119 For Work In Restricted Working Space, Add	12.53	
15084-0024 EA 1-1/2" Basket Strainer, Iron, Screwed Ends.....	270.17	23.60
15MOD-0119 For Work In Restricted Working Space, Add	14.15	
15084-0025 EA 2" Basket Strainer, Iron, Screwed Ends.....	320.36	26.98
15MOD-0119 For Work In Restricted Working Space, Add	16.21	
15084-0026 EA 2-1/2" Basket Strainer, Iron, Screwed Ends.....	452.83	36.08
15MOD-0119 For Work In Restricted Working Space, Add	21.71	
15084-0027 EA 3" Basket Strainer, Iron, Screwed Ends.....	510.05	38.44
15MOD-0119 For Work In Restricted Working Space, Add	23.02	

15084-0028 Iron Basket Strainers, Flared Ends (15084-0018)

15084-0029 EA 2" Basket Strainer, Iron, Flanged Ends.....	507.60	78.58
15MOD-0119 For Work In Restricted Working Space, Add	47.15	
15084-0030 EA 2-1/2" Basket Strainer, Iron, Flanged Ends.....	711.76	119.72
15MOD-0119 For Work In Restricted Working Space, Add	71.83	
15084-0031 EA 3" Basket Strainer, Iron, Flanged Ends.....	811.06	154.12
15MOD-0119 For Work In Restricted Working Space, Add	92.48	
15084-0032 EA 4" Basket Strainer, Iron, Flanged Ends.....	1,116.26	179.75
15MOD-0119 For Work In Restricted Working Space, Add	107.86	
15084-0033 EA 6" Basket Strainer, Iron, Flanged Ends.....	1,975.68	251.42
15MOD-0119 For Work In Restricted Working Space, Add	150.85	
15084-0034 EA 8" Basket Strainer, Iron, Flanged Ends.....	3,320.51	301.70
15MOD-0119 For Work In Restricted Working Space, Add	181.01	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15084-0035	EA 10" Basket Strainer, Iron, Flanged Ends.....	4,774.15	342.87
	15MOD-0119 For Work In Restricted Working Space, Add	205.73	
15084-0036	EA 12" Basket Strainer, Iron, Flanged Ends.....	5,737.63	443.76
	15MOD-0119 For Work In Restricted Working Space, Add	266.23	
15084-0037	EA 14" Basket Strainer, Iron, Flanged Ends.....	7,197.23	538.66
	15MOD-0119 For Work In Restricted Working Space, Add	323.20	
15084-0038	EA 16" Basket Strainer, Iron, Flanged Ends.....	7,908.09	754.20
	15MOD-0119 For Work In Restricted Working Space, Add	452.66	
15084-0039	Cast Steel Body Basket Strainers (15084)		
15084-0040	Cast Steel Basket Strainers, Screwed Ends (15084-0039)		
15084-0041	EA 1" Basket Strainer, Cast Steel, Screwed Ends	290.47	18.88
	15MOD-0119 For Work In Restricted Working Space, Add	11.24	
15084-0042	EA 1-1/4" Basket Strainer, Cast Steel, Screwed Ends	379.47	20.91
	15MOD-0119 For Work In Restricted Working Space, Add	12.53	
15084-0043	EA 1-1/2" Basket Strainer, Cast Steel, Screwed Ends	427.73	23.60
	15MOD-0119 For Work In Restricted Working Space, Add	14.15	
15084-0044	EA 2" Basket Strainer, Cast Steel, Screwed Ends	595.37	26.98
	15MOD-0119 For Work In Restricted Working Space, Add	16.20	
15084-0045	EA 2-1/2" Basket Strainer, Cast Steel, Screwed Ends	833.46	36.08
	15MOD-0119 For Work In Restricted Working Space, Add	21.70	
15084-0046	EA 3" Basket Strainer, Cast Steel, Screwed Ends	1,073.73	38.44
	15MOD-0119 For Work In Restricted Working Space, Add	23.03	
15084-0047	Cast Steel Basket Strainers, Flared Ends (15084-0039)		
15084-0048	EA 2" Basket Strainer, Cast Steel, Flanged Ends	945.10	78.58
	15MOD-0119 For Work In Restricted Working Space, Add	47.15	
15084-0049	EA 2-1/2" Basket Strainer, Cast Steel, Flanged Ends	1,391.86	119.72
	15MOD-0119 For Work In Restricted Working Space, Add	71.83	
15084-0050	EA 3" Basket Strainer, Cast Steel, Flanged Ends	1,567.88	154.12
	15MOD-0119 For Work In Restricted Working Space, Add	92.48	
15084-0051	EA 4" Basket Strainer, Cast Steel, Flanged Ends	2,128.36	179.75
	15MOD-0119 For Work In Restricted Working Space, Add	107.86	
15084-0052	EA 6" Basket Strainer, Cast Steel, Flanged Ends	3,692.10	251.42
	15MOD-0119 For Work In Restricted Working Space, Add	150.85	
15084-0053	EA 8" Basket Strainer, Cast Steel, Flanged Ends	5,829.48	301.70
	15MOD-0119 For Work In Restricted Working Space, Add	181.01	
15084-0054	Stainless Steel Body Basket Strainers (15084)		
15084-0055	Stainless Steel Basket Strainers, Screwed Ends (15084-0054)		
15084-0056	EA 1" Basket Strainer, Stainless Steel, Screwed Ends	268.36	18.88
	15MOD-0119 For Work In Restricted Working Space, Add	11.24	
15084-0057	EA 1-1/4" Basket Strainer, Stainless Steel, Screwed Ends	383.55	20.91
	15MOD-0119 For Work In Restricted Working Space, Add	12.53	
15084-0058	EA 1-1/2" Basket Strainer, Stainless Steel, Screwed Ends	396.93	23.60
	15MOD-0119 For Work In Restricted Working Space, Add	14.15	
15084-0059	EA 2" Basket Strainer, Stainless Steel, Screwed Ends	583.22	26.98
	15MOD-0119 For Work In Restricted Working Space, Add	16.20	
15084-0060	EA 2-1/2" Basket Strainer, Stainless Steel, Screwed Ends	823.30	36.08
	15MOD-0119 For Work In Restricted Working Space, Add	21.70	
15084-0061	EA 3" Basket Strainer, Stainless Steel, Screwed Ends	1,156.91	38.44
	15MOD-0119 For Work In Restricted Working Space, Add	23.03	
15084-0062	Stainless Steel Basket Strainers, Flanged Ends (15084-0054)		
15084-0063	EA 2" Basket Strainer, Stainless Steel, Flanged Ends	944.72	78.58
	15MOD-0119 For Work In Restricted Working Space, Add	47.15	
15084-0064	EA 2-1/2" Basket Strainer, Stainless Steel, Flanged Ends	1,465.91	119.72
	15MOD-0119 For Work In Restricted Working Space, Add	71.83	
15084-0065	EA 3" Basket Strainer, Stainless Steel, Flanged Ends	1,693.61	154.12
	15MOD-0119 For Work In Restricted Working Space, Add	92.48	
15084-0066	EA 4" Basket Strainer, Stainless Steel, Flanged Ends	2,702.74	179.75
	15MOD-0119 For Work In Restricted Working Space, Add	107.86	
15084-0067	EA 6" Basket Strainer, Stainless Steel, Flanged Ends	4,160.54	251.42
	15MOD-0119 For Work In Restricted Working Space, Add	150.85	
15084-0068	EA 8" Basket Strainer, Stainless Steel, Flanged Ends	7,050.07	301.70
	15MOD-0119 For Work In Restricted Working Space, Add	181.01	
15084-0069	Duplex Strainers (15084)		
15084-0070	Iron Body Duplex Strainers (15084-0069)		
15084-0071	Iron Body Duplex Strainers, Screwed, Bronze Diverter (15084-0070)		
	Note: 125 LB flanged, with brass or stainless steel basket.		
15084-0072	EA 3/4" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	336.59	16.79
	15MOD-0119 For Work In Restricted Working Space, Add	10.08	
15084-0073	EA 1" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	376.17	19.23
	15MOD-0119 For Work In Restricted Working Space, Add	11.54	

15000 Mechanical
15050 Basic Materials And Methods
15084 Basket Strainers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15084-0074	EA	1-1/4" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	507.53	22.59
	15MOD-0119	For Work In Restricted Working Space, Add	13.55	
15084-0075	EA	1-1/2" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	636.26	24.62
	15MOD-0119	For Work In Restricted Working Space, Add	14.77	
15084-0076	EA	2" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	850.81	30.02
	15MOD-0119	For Work In Restricted Working Space, Add	18.07	
15084-0077	EA	2-1/2" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	1,071.03	38.44
	15MOD-0119	For Work In Restricted Working Space, Add	23.06	
15084-0078		Iron Body Duplex Strainers, Flanged, Bronze Diverter (15084-0070)		
		Note: 125 LB flanged, with brass or stainless steel basket.		
15084-0079	EA	2" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	1,146.77	44.71
	15MOD-0119	For Work In Restricted Working Space, Add	26.85	
15084-0080	EA	2-1/2" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	1,328.39	119.78
	15MOD-0119	For Work In Restricted Working Space, Add	71.87	
15084-0081	EA	3" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	1,712.64	154.12
	15MOD-0119	For Work In Restricted Working Space, Add	92.46	
15084-0082	EA	4" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	2,544.75	167.51
	15MOD-0119	For Work In Restricted Working Space, Add	100.65	
15084-0083	EA	6" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	4,921.31	251.42
	15MOD-0119	For Work In Restricted Working Space, Add	150.85	
15084-0084	EA	8" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	9,124.72	301.70
	15MOD-0119	For Work In Restricted Working Space, Add	181.01	
15084-0085	EA	10" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	12,489.39	342.87
	15MOD-0119	For Work In Restricted Working Space, Add	205.73	
15084-0086	EA	12" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	14,016.96	443.76
	15MOD-0119	For Work In Restricted Working Space, Add	266.34	
15084-0087	EA	14" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	16,983.83	538.66
	15MOD-0119	For Work In Restricted Working Space, Add	323.20	
15084-0088	EA	16" Duplex Strainer, Iron Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	21,455.11	754.26
	15MOD-0119	For Work In Restricted Working Space, Add	452.66	
15084-0089		Bronze Body Duplex Strainers (15084-0069)		
15084-0090		Bronze Body Duplex Strainers, Screwed, Bronze Diverter (15084-0089)		
		Note: 125 LB flanged, with brass or stainless steel basket.		
15084-0091	EA	3/4" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	617.48	16.87
	15MOD-0119	For Work In Restricted Working Space, Add	10.08	
15084-0092	EA	1" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	685.46	19.23
	15MOD-0119	For Work In Restricted Working Space, Add	11.54	
15084-0093	EA	1-1/4" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	999.88	22.59
	15MOD-0119	For Work In Restricted Working Space, Add	13.55	
15084-0094	EA	1-1/2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	1,311.65	24.62
	15MOD-0119	For Work In Restricted Working Space, Add	14.77	
15084-0095	EA	2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	1,693.48	30.02
	15MOD-0119	For Work In Restricted Working Space, Add	18.07	
15084-0096	EA	2-1/2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	2,080.96	38.44
	15MOD-0119	For Work In Restricted Working Space, Add	23.06	
15084-0097		Bronze Body Duplex Strainers, Flanged, Bronze Diverter (15084-0089)		
		Note: 125 LB flanged, with brass or stainless steel basket.		
15084-0098	EA	2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	2,361.85	44.86
	15MOD-0119	For Work In Restricted Working Space, Add	26.85	
15084-0099	EA	2-1/2" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	2,575.03	119.72
	15MOD-0119	For Work In Restricted Working Space, Add	71.87	
15084-0100	EA	3" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	3,527.37	154.12
	15MOD-0119	For Work In Restricted Working Space, Add	92.46	
15084-0101	EA	4" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	5,416.75	167.51
	15MOD-0119	For Work In Restricted Working Space, Add	100.65	
15084-0102	EA	6" Duplex Strainer, Bronze Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	11,675.26	251.42
	15MOD-0119	For Work In Restricted Working Space, Add	150.85	
15084-0103		Cast Steel Body Duplex Strainers (15084-0069)		
15084-0104		Cast Steel Body Duplex Strainers, Screwed, Bronze Diverter (15084-0103)		
		Note: 125 LB flanged, with brass or stainless steel basket.		
15084-0105	EA	1" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	1,991.38	19.23
	15MOD-0119	For Work In Restricted Working Space, Add	11.54	
15084-0106	EA	1-1/4" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	1,178.55	22.59
	15MOD-0119	For Work In Restricted Working Space, Add	13.55	
15084-0107	EA	1-1/2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	1,397.06	24.62
	15MOD-0119	For Work In Restricted Working Space, Add	14.77	
15084-0108	EA	2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Screwed, With Brass Or Stainless Steel Basket	2,357.64	30.02
	15MOD-0119	For Work In Restricted Working Space, Add	18.07	
15084-0109		Cast Steel Body Duplex Strainers, Flanged, Bronze Diverter (15084-0103)		
		Note: 125 LB flanged, with brass or stainless steel basket.		
15084-0110	EA	2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket	2,402.23	44.86
	15MOD-0119	For Work In Restricted Working Space, Add	26.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15084-0111	EA 2-1/2" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	2,781.99 71.85	119.72
15084-0112	EA 3" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	3,662.49 92.48	154.12
15084-0113	EA 4" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	5,251.84 100.61	167.51
15084-0114	EA 6" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	8,956.77 150.68	251.42
15084-0115	EA 8" Duplex Strainer, Cast Steel Body, Bronze Diverter, 125 #, Flanged, With Brass Or Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	17,205.40 180.82	301.70
15084-0116	Stainless Steel Body Duplex Strainers <small>(15084-0069)</small>		
15084-0117	Stainless Steel Body Duplex Strainers, Screwed <small>(15084-0116)</small> Note: Stainless steel diverter, 125 LB flanged, with stainless steel basket.		
15084-0118	EA 1" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Screwed, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	3,910.99 11.54	19.23
15084-0119	EA 1-1/4" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Screwed, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	4,943.17 13.55	22.59
15084-0120	EA 1-1/2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Screwed, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	5,965.57 14.77	24.62
15084-0121	EA 2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Screwed, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	9,562.21 18.07	30.02
15084-0122	Stainless Steel Body Duplex Strainers, Flanged <small>(15084-0116)</small> Note: Stainless steel diverter, 125 LB flanged, with stainless steel basket.		
15084-0123	EA 2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Flanged, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	9,985.91 26.85	44.86
15084-0124	EA 2-1/2" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Flanged, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	10,637.91 71.85	119.72
15084-0125	EA 3" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Flanged, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	16,658.85 92.48	154.12
15084-0126	EA 4" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Flanged, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	20,271.61 100.61	167.51
15084-0127	EA 6" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Flanged, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	35,641.70 150.68	251.42
15084-0128	EA 8" Duplex Strainer, Stainless Steel Body, Stainless Diverter, 125 #, Flanged, With Stainless Steel Basket..... <i>15MOD-0119 For Work In Restricted Working Space, Add</i>	65,718.24 180.82	301.70
15086	Vacuum Breakers <small>(15050)</small>		
15086-0001	Brass Vacuum Breakers <small>(15086)</small> Note: With stainless steel ball and spring.		
15086-0002	EA 1/2" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	50.38	16.86
15086-0003	EA 3/4" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	57.18	18.87
15086-0004	EA 1" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	72.92	21.58
15086-0005	EA 1-1/4" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	111.58	24.94
15086-0006	EA 1-1/2" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	110.16	27.64
15086-0007	EA 2" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	166.26	33.70
15086-0008	EA 2-1/2" NPT Male, Brass, Inlet Vacuum Breaker With Stainless Steel Ball And Spring.....	368.34	42.13
15086-0009	Anti-Siphon Pressure Type Vacuum Breaker <small>(15086)</small>		
15086-0010	EA 1/2" Anti-Siphon Pressure Type Vacuum Breaker.....	92.98	16.86
15086-0011	EA 3/4" Anti-Siphon Pressure Type Vacuum Breaker.....	96.73	18.87
15086-0012	EA 1" Anti-Siphon Pressure Type Vacuum Breaker.....	103.49	21.58
15086-0013	EA 1-1/4" Anti-Siphon Pressure Type Vacuum Breaker.....	169.00	24.94
15086-0014	EA 1-1/2" Anti-Siphon Pressure Type Vacuum Breaker.....	205.11	27.64
15086-0015	EA 2" Anti-Siphon Pressure Type Vacuum Breaker.....	221.04	33.70
15087	Shock Absorbers <small>(15050)</small>		
15087-0001	Bellows Type (NPTF) <small>(15087)</small>		
15087-0002	EA 3/4" Bellows Type (NPTF) Shock Absorber, For 11 Fixture Units.....	70.79	27.64
15087-0003	EA 1" Bellows Type (NPTF) Shock Absorber, For 32 Fixture Units.....	97.97	31.01
15087-0004	EA 1" Bellows Type (NPTF) Shock Absorber, For 60 Fixture Units.....	218.81	31.01
15087-0005	EA 1" Bellows Type (NPTF) Shock Absorber, For 113 Fixture Units.....	456.19	31.01
15087-0006	EA 1" Bellows Type (NPTF) Shock Absorber, For 154 Fixture Units.....	518.02	42.48
15087-0007	EA 1-1/2" Bellows Type (NPTF) Shock Absorber, For 300 Fixture Units.....	581.31	54.60
15092	Wall Seals, Sleeves, Escutcheons <small>(15050)</small>		
15092-0001	Wall Seals And Sleeves <small>(15092)</small> Note: Up to 12" walls. Excludes drilling hole.		
15092-0002	Ductile Iron Wall Sleeve <small>(15092-0001)</small> Note: Includes rubber gasket seal		
15092-0003	EA 3" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	73.15	29.55

15000 Mechanical**15050 Basic Materials And Methods****15092 Wall Seals, Sleeves, Escutcheons**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15092-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	90.32	34.51
15092-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	110.44	41.40
15092-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	156.72	62.07
15092-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	201.46	82.73
15092-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	248.30	103.46
15092-0009		Steel Pipe Sleeves <small>(15092-0001)</small>		
		Note: Includes link seals 12" length.		
15092-0010	EA	2.07" Inside Diameter Steel Pipe Sleeve With Link Seals.....	77.72	30.01
15092-0011	EA	3.07" Inside Diameter Steel Pipe Sleeve With Link Seals.....	109.56	35.05
15092-0012	EA	4.03" Inside Diameter Steel Pipe Sleeve With Link Seals.....	134.83	42.05
15092-0013	EA	6.07" Inside Diameter Steel Pipe Sleeve With Link Seals.....	192.22	52.51
15092-0014	EA	10.02" Inside Diameter Steel Pipe Sleeve With Link Seals.....	373.96	63.05
15092-0015	EA	13.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	366.80	78.80
15092-0016	EA	17.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	598.59	96.96
15092-0017	EA	23.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	827.62	126.08
15092-0018	EA	29.25" Inside Diameter Steel Pipe Sleeve With Link Seals.....	733.49	157.60
15092-0019		Escutcheons <small>(15092)</small>		
15092-0020		Brass Escutcheons <small>(15092-0019)</small>		
15092-0021		Shallow Brass Escutcheons <small>(15092-0020)</small>		
15092-0022	EA	3/8" IPS Antique Or Polished Brass Shallow Escutcheon.....	10.17	1.68
15092-0023	EA	1/2" IPS Antique Or Polished Brass Shallow Escutcheon.....	11.16	1.68
15092-0024		Deep Bell Brass Escutcheons <small>(15092-0020)</small>		
15092-0025	EA	3/8" IPS Antique Or Polished Brass Deep Bell Escutcheon.....	12.45	1.89
15092-0026	EA	1/2" IPS Antique Or Polished Brass Deep Bell Escutcheon.....	12.49	1.89
15092-0027		Plastic Escutcheons <small>(15092-0019)</small>		
15092-0028		White Plastic Escutcheons <small>(15092-0027)</small>		
15092-0029	EA	3/8" Pipe White Plastic Split-Ring Escutcheon.....	3.57	1.68
15092-0030	EA	1/2" Pipe White Plastic Split-Ring Escutcheon.....	3.57	1.68
15092-0031	EA	3/4" Pipe White Plastic Split-Ring Escutcheon.....	4.00	1.88
15092-0032	EA	1" Pipe White Plastic Split-Ring Escutcheon.....	4.36	2.01
15092-0033	EA	1-1/4" Pipe White Plastic Split-Ring Escutcheon.....	4.71	2.21
15092-0034	EA	1-1/2" Pipe White Plastic Split-Ring Escutcheon.....	5.06	2.35
15092-0035	EA	2" Pipe White Plastic Split-Ring Escutcheon.....	5.76	2.68
15092-0036	EA	2-1/2" Pipe White Plastic Split-Ring Escutcheon.....	6.55	2.89
15092-0037	EA	3" Pipe White Plastic Split-Ring Escutcheon.....	7.32	3.03
15092-0038	EA	4" Pipe White Plastic Split-Ring Escutcheon.....	8.44	3.36
15092-0039		Chrome Plate Style Plastic Escutcheons <small>(15092-0027)</small>		
15092-0040	EA	1/2" Pipe Chrome Plate Style Plastic Escutcheon.....	3.94	1.68
15092-0041	EA	3/4" Pipe Chrome Plate Style Plastic Escutcheon.....	4.32	1.88
15092-0042	EA	1" Pipe Chrome Plate Style Plastic Escutcheon.....	4.77	2.01
15092-0043	EA	1-1/4" Pipe Chrome Plate Style Plastic Escutcheon.....	5.21	2.21
15092-0044	EA	1-1/2" Pipe Chrome Plate Style Plastic Escutcheon.....	5.56	2.35
15092-0045	EA	2" Pipe Chrome Plate Style Plastic Escutcheon.....	6.61	2.68
15092-0046	EA	2-1/2" Pipe Chrome Plate Style Plastic Escutcheon.....	8.07	2.89
15092-0047	EA	3" Pipe Chrome Plate Style Plastic Escutcheon.....	8.45	3.03
15092-0048	EA	4" Pipe Chrome Plate Style Plastic Escutcheon.....	9.22	3.36
15092-0049		Stainless Steel Escutcheons <small>(15092-0019)</small>		
15092-0050		Shallow Stainless Steel Escutcheons <small>(15092-0049)</small>		
15092-0051	EA	3/8" IPS Stainless Steel Shallow Escutcheon.....	9.32	1.68
15092-0052	EA	1/2" IPS Stainless Steel Shallow Escutcheon.....	9.32	1.68
15092-0053	EA	3/4" IPS Stainless Steel Shallow Escutcheon.....	12.98	1.89
15092-0054		Chrome Plated Steel Escutcheons <small>(15092-0019)</small>		
15092-0055		Split-Ring Escutcheons <small>(15092-0054)</small>		
15092-0056	EA	1/2" Pipe Chrome Plated Split-Ring Escutcheon.....	3.71	1.68
15092-0057	EA	3/4" Pipe Chrome Plated Split-Ring Escutcheon.....	4.04	1.88
15092-0058	EA	1" Pipe Chrome Plated Split-Ring Escutcheon.....	4.44	2.01
15092-0059	EA	1-1/4" Pipe Chrome Plated Split-Ring Escutcheon.....	4.77	2.21
15092-0060	EA	1-1/2" Pipe Chrome Plated Split-Ring Escutcheon.....	5.11	2.35
15092-0061	EA	2" Pipe Chrome Plated Split-Ring Escutcheon.....	5.88	2.68
15092-0062	EA	2-1/2" Pipe Chrome Plated Split-Ring Escutcheon.....	8.54	2.89
15092-0063	EA	3" Pipe Chrome Plated Split-Ring Escutcheon.....	9.06	3.03
15092-0064	EA	3-1/2" Pipe Chrome Plated Split-Ring Escutcheon.....	11.01	3.23



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15092-0065 EA 4" Pipe Chrome Plated Split-Ring Escutcheon	9.89	3.36
15092-0066 EA 5" Pipe Chrome Plated Split-Ring Escutcheon	12.59	3.69
15092-0067 EA 6" Pipe Chrome Plated Split-Ring Escutcheon	14.61	4.03
15092-0068 Split-Ring Escutcheons With Springs (15092-0054)		
15092-0069 EA 3/8" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	5.64	1.68
15092-0070 EA 1/2" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	5.64	1.68
15092-0071 EA 3/4" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	6.05	1.88
15092-0072 EA 1" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	6.47	2.01
15092-0073 EA 1-1/4" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	7.22	2.21
15092-0074 EA 1-1/2" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	7.66	2.35
15092-0075 EA 2" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	9.05	2.68
15092-0076 EA 2-1/2" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	10.35	2.89
15092-0077 EA 3" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	12.51	3.03
15092-0078 EA 3-1/2" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	15.23	3.23
15092-0079 EA 4" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	15.49	3.36
15092-0080 EA 5" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	25.07	3.69
15092-0081 EA 6" Pipe Chrome Plated Split-Ring Escutcheon With Springs.....	26.22	4.03
15092-0082 Deep Bell Escutcheons (15092-0054)		
15092-0083 EA 3/8" IPS Chrome Plated Deep Bell Escutcheon.....	4.49	1.89
15092-0084 EA 1/2" IPS Chrome Plated Deep Bell Escutcheon.....	4.44	1.89
15092-0085 EA 3/4" IPS Chrome Plated Deep Bell Escutcheon.....	4.32	1.89
15092-0086 EA 1" IPS Chrome Plated Deep Bell Escutcheon.....	4.76	2.03
15092-0087 EA 1-1/4" IPS Chrome Plated Deep Bell Escutcheon.....	5.18	2.23
15092-0088 EA 1-1/2" IPS Chrome Plated Deep Bell Escutcheon.....	5.68	2.36
15092-0089 Shallow Escutcheons (15092-0054)		
15092-0090 EA 3/8" IPS Chrome Plated Shallow Escutcheon.....	4.09	1.68
15092-0091 EA 1/2" IPS Chrome Plated Shallow Escutcheon.....	4.09	1.68
15092-0092 EA 3/4" IPS Chrome Plated Shallow Escutcheon.....	4.15	1.68
15092-0093 EA 1" IPS Chrome Plated Shallow Escutcheon.....	4.42	2.03
15092-0094 EA 1-1/4" IPS Chrome Plated Shallow Escutcheon	4.80	2.23
15092-0095 EA 1-1/2" IPS Chrome Plated Shallow Escutcheon	5.29	2.36
15092-0096 EA 2" IPS Chrome Plated Shallow Escutcheon.....	6.00	2.69
15092-0097 Cast Brass Escutcheons (15092-0019)		
Note: With Brass Setscrew		
15092-0098 EA 3/8" IPS Cast Brass Escutcheon.....	11.35	1.68
15092-0099 EA 1/2" IPS Cast Brass Escutcheon.....	11.46	1.68
15092-0100 EA 5/8" IPS Cast Brass Escutcheon.....	11.63	1.68
15092-0101 EA 3/4" IPS Cast Brass Escutcheon.....	12.23	1.68
15092-0102 EA 7/8" IPS Cast Brass Escutcheon.....	12.44	2.03
15092-0103 EA 1" IPS Cast Brass Escutcheon	13.03	2.03
15092-0104 EA 1-1/4" IPS Cast Brass Escutcheon	13.55	2.23
15092-0105 EA 1-1/2" IPS Cast Brass Escutcheon	14.18	2.36
15092-0106 EA 2" IPS Cast Brass Escutcheon	20.13	2.69
15093 Flashing And Safeing (15050)		
15093-0001 Roof Flashing (15093)		
15093-0002 Lead Boot, Built Up Roofing (15093-0001)		
15093-0003 EA 2" Vent Through Roof, 1/16" Lead Roof Flashing - Built Up Roof.....	66.45	17.73
15093-0004 EA 3" Vent Through Roof, 1/16" Lead Roof Flashing - Built Up Roof.....	70.38	17.73
15093-0005 EA 4" Vent Through Roof, 1/16" Lead Roof Flashing - Built Up Roof.....	73.33	17.73
15093-0006 EA 6" Vent Through Roof, 1/16" Lead Roof Flashing - Built Up Roof.....	81.85	17.73
15093-0007 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing (15093-0001)		
15093-0008 EA 2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	41.08	11.46
15093-0009 EA 3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	41.58	11.46
15093-0010 EA 4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	43.34	11.46
15093-0011 EA 6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	52.18	11.46
15094 Hangers And Supports (15050)		
Note: All hanger sizes are net dimensions. Allowances for insulation (if required) must be considered and the selected hanger size should include pipe and insulation requirements (A 4" pipe with 1" insulation will require a 6" hanger min.) Hanger types referenced herein are from MSS SP-58.		
15094-0001 Hangers And Supports (15094)		
15094-0002 Clevis Hanger (15094-0001)		
15094-0003 Steel Clevis Hanger Type 1 (15094-0002)		

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0004 EA 3/4" Steel Clevis Hanger Type 1.....	13.55	6.20
15MOD-0683 For Work In Restricted Working Space, Add	3.72	
15094-0005 EA 1" Steel Clevis Hanger Type 1.....	14.23	6.20
15MOD-0683 For Work In Restricted Working Space, Add	3.92	
15094-0006 EA 1-1/2" Steel Clevis Hanger Type 1.....	14.95	6.72
15MOD-0683 For Work In Restricted Working Space, Add	4.03	
15094-0007 EA 2" Steel Clevis Hanger Type 1.....	15.66	6.83
15MOD-0683 For Work In Restricted Working Space, Add	4.14	
15094-0008 EA 2-1/2" Steel Clevis Hanger Type 1.....	16.87	7.07
15MOD-0683 For Work In Restricted Working Space, Add	4.26	
15094-0009 EA 3" Steel Clevis Hanger Type 1.....	18.09	7.44
15MOD-0683 For Work In Restricted Working Space, Add	4.38	
15094-0010 EA 4" Steel Clevis Hanger Type 1.....	20.88	8.69
15MOD-0683 For Work In Restricted Working Space, Add	4.97	
15094-0011 EA 6" Steel Clevis Hanger Type 1.....	31.76	12.41
15MOD-0683 For Work In Restricted Working Space, Add	7.45	
15094-0012 EA 8" Steel Clevis Hanger Type 1.....	42.21	15.52
15MOD-0683 For Work In Restricted Working Space, Add	9.31	
15094-0013 EA 10" Steel Clevis Hanger Type 1.....	61.91	21.10
15MOD-0683 For Work In Restricted Working Space, Add	12.41	
15094-0014 EA 12" Steel Clevis Hanger Type 1.....	86.23	31.03
15MOD-0683 For Work In Restricted Working Space, Add	18.62	
15094-0015 Adjustable Clevis Roller Hanger Type 43 (15094-0001)		
15094-0016 EA 2" Steel Clevis Roller Hanger Type 43.....	25.63	8.77
15MOD-0683 For Work In Restricted Working Space, Add	5.06	
15094-0017 EA 3" Steel Clevis Roller Hanger Type 43.....	31.44	9.44
15MOD-0683 For Work In Restricted Working Space, Add	5.78	
15094-0018 EA 4" Steel Clevis Roller Hanger Type 43.....	39.46	11.47
15MOD-0683 For Work In Restricted Working Space, Add	6.74	
15094-0019 EA 6" Steel Clevis Roller Hanger Type 43.....	52.10	13.49
15MOD-0683 For Work In Restricted Working Space, Add	8.09	
15094-0020 EA 8" Steel Clevis Roller Hanger Type 43.....	71.56	16.87
15MOD-0683 For Work In Restricted Working Space, Add	10.12	
15094-0021 EA 10" Steel Clevis Roller Hanger Type 43.....	91.50	22.93
15MOD-0683 For Work In Restricted Working Space, Add	13.49	
15094-0022 EA 12" Steel Clevis Roller Hanger Type 43.....	132.75	33.72
15MOD-0683 For Work In Restricted Working Space, Add	20.24	
15094-0023 Adjustable Steel Band Hanger Type 7 (15094-0001)		
15094-0024 EA 1/2" Adjustable Steel Band Hanger Type 7.....	13.03	6.20
15MOD-0683 For Work In Restricted Working Space, Add	3.72	
15094-0025 EA 3/4" Adjustable Steel Band Hanger Type 7.....	13.68	6.20
15MOD-0683 For Work In Restricted Working Space, Add	3.92	
15094-0026 EA 1" Adjustable Steel Band Hanger Type 7.....	14.41	6.83
15MOD-0683 For Work In Restricted Working Space, Add	4.14	
15094-0027 EA 1-1/4" Adjustable Steel Band Hanger Type 7.....	15.30	7.44
15MOD-0683 For Work In Restricted Working Space, Add	4.38	
15094-0028 EA 1-1/2" Adjustable Steel Band Hanger Type 7.....	17.28	8.69
15MOD-0683 For Work In Restricted Working Space, Add	4.97	
15094-0029 EA 2" Adjustable Steel Band Hanger Type 7.....	18.70	8.69
15MOD-0683 For Work In Restricted Working Space, Add	5.32	
15094-0030 EA 2-1/2" Adjustable Steel Band Hanger Type 7.....	20.38	9.31
15MOD-0683 For Work In Restricted Working Space, Add	5.73	
15094-0031 EA 3" Adjustable Steel Band Hanger Type 7.....	21.97	10.55
15MOD-0683 For Work In Restricted Working Space, Add	6.21	
15094-0032 EA 4" Adjustable Steel Band Hanger Type 7.....	27.54	12.41
15MOD-0683 For Work In Restricted Working Space, Add	7.45	
15094-0033 Riser Clamp (15094-0001)		
15094-0034 Steel Riser Clamp Type 8 (15094-0033)		
15094-0035 EA 1/2" Steel Riser Clamp Type 8.....	22.39	9.31
15MOD-0683 For Work In Restricted Working Space, Add	5.59	
15094-0036 EA 3/4" Steel Riser Clamp Type 8.....	24.25	10.24
15MOD-0683 For Work In Restricted Working Space, Add	6.14	
15094-0037 EA 1" Steel Riser Clamp Type 8.....	25.97	11.17
15MOD-0683 For Work In Restricted Working Space, Add	6.65	
15094-0038 EA 1-1/4" Steel Riser Clamp Type 8.....	27.71	11.79
15MOD-0683 For Work In Restricted Working Space, Add	7.05	
15094-0039 EA 1-1/2" Steel Riser Clamp Type 8.....	29.46	12.11
15MOD-0683 For Work In Restricted Working Space, Add	7.45	
15094-0040 EA 2" Steel Riser Clamp Type 8.....	31.15	13.03
15MOD-0683 For Work In Restricted Working Space, Add	7.76	
15094-0041 EA 2-1/2" Steel Riser Clamp Type 8.....	31.95	13.18
15MOD-0683 For Work In Restricted Working Space, Add	7.91	
15094-0042 EA 3" Steel Riser Clamp Type 8.....	32.56	13.35
15MOD-0683 For Work In Restricted Working Space, Add	8.01	
15094-0043 EA 3-1/2" Steel Riser Clamp Type 8.....	35.34	14.12
15MOD-0683 For Work In Restricted Working Space, Add	8.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0044	EA 4" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	36.97 8.87	14.90
15094-0045	EA 5" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	47.36 10.95	18.00
15094-0046	EA 6" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	56.84 13.30	21.72
15094-0047	EA 8" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	76.55 16.93	28.55
15094-0048	EA 10" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	102.98 21.91	36.62
15094-0049	EA 12" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	141.02 28.64	47.79
15094-0050	EA 14" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	227.59 37.24	62.07
15094-0051	EA 16" Steel Riser Clamp Type 8..... 15MOD-0683 For Work In Restricted Working Space, Add	379.69 46.55	77.59
15094-0052	Split Pipe Ring Type 11, Copper Or Malleable Iron (15094-0001)		
15094-0053	EA 1/2" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	14.76 0.41 2.89	4.72
15094-0054	EA 3/4" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	15.23 0.41 3.02	4.72
15094-0055	EA 1" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	16.69 0.44 3.37	6.07
15094-0056	EA 1-1/4" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	18.58 0.54 3.55	6.07
15094-0057	EA 1-1/2" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	20.47 0.66 3.68	6.07
15094-0058	EA 2" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	22.83 0.75 4.04	6.74
15094-0059	EA 2-1/2" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	27.57 1.08 4.21	6.74
15094-0060	EA 3" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	31.53 1.35 4.40	7.42
15094-0061	EA 4" Split Pipe Ring Type 11..... 15MOD-0120 For Copper Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	39.44 1.87 4.82	8.09
15094-0062	Adjustable Swivel Pipe Ring Clamp (15094-0001)		
	Note: Split ring type or solid ring type, type 6.		
15094-0063	EA 1/2" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	49.32 12.39	20.69
15094-0064	EA 3/4" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	49.73 12.39	20.69
15094-0065	EA 1" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	21.04 3.63	6.04
15094-0066	EA 1-1/4" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	22.79 4.03	6.71
15094-0067	EA 1-1/2" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	24.66 4.23	7.06
15094-0068	EA 2" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	26.76 4.43	7.39
15094-0069	EA 2-1/2" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	33.70 4.64	7.72
15094-0070	EA 3" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or Solid Ring Type, Type 6..... 15MOD-0683 For Work In Restricted Working Space, Add	37.13 4.83	8.06
15094-0071	EA 3-1/2" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or..... 15MOD-0683 For Work In Restricted Working Space, Add	40.18 5.04	8.39
15094-0072	EA 4" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or..... 15MOD-0683 For Work In Restricted Working Space, Add	46.06 5.44	9.07
15094-0073	EA 5" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or..... 15MOD-0683 For Work In Restricted Working Space, Add	58.68 6.85	11.42
15094-0074	EA 6" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or..... 15MOD-0683 For Work In Restricted Working Space, Add	78.82 8.06	13.43
15094-0075	EA 8" Adjustable Swivel Pipe Ring Clamp, Split Ring Type Or..... 15MOD-0683 For Work In Restricted Working Space, Add	101.26 10.07	16.79
15094-0076	Single Pipe Roll Type 41 (15094-0001)		
	Note: Excludes rod and nuts		
15094-0077	EA 1" Single Pipe Roll Type 41..... 15MOD-0683 For Work In Restricted Working Space, Add	32.73 4.97	8.69
15094-0078	EA 1-1/2" Single Pipe Roll Type 41..... 15MOD-0683 For Work In Restricted Working Space, Add	33.55 5.33	8.69

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0079 EA 2" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	35.54 5.73	9.32
15094-0080 EA 2-1/2" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	38.52 6.21	10.56
15094-0081 EA 3" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	43.50 7.45	12.42
15094-0082 EA 4" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	46.34 6.77	11.17
15094-0083 EA 6" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	65.44 9.32	15.53
15094-0084 EA 8" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	95.09 12.42	21.12
15094-0085 EA 10" Single Pipe Roll Type 41 15MOD-0683 For Work In Restricted Working Space, Add	125.40 18.63	31.05
15094-0086 Pipe Clip/Strap, Plain Type 26 (15094-0001)		
15094-0087 EA 1/2" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	11.21 2.02	3.37
15094-0088 EA 3/4" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	11.72 2.13	4.04
15094-0089 EA 1" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	12.18 2.25	4.04
15094-0090 EA 1-1/4" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	13.21 2.38	4.04
15094-0091 EA 1-1/2" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	15.07 2.53	4.72
15094-0092 EA 2" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	15.81 2.70	4.72
15094-0093 EA 2-1/2" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	21.58 2.89	4.72
15094-0094 EA 3" Pipe Clip/Strap, Plain Type 26 15MOD-0683 For Work In Restricted Working Space, Add	23.50 3.11	4.72
15094-0095 Pipe and Equipment Supports, Welded Steel Bracket (15094-0001)		
15094-0096 Pipe and Equipment Supports, Welded Steel Bracket, Type 31 (15094-0095) Note: Up to 750# load		
15094-0097 EA 9" x 6-1/2" Welded Wall Mounted Bracket 15MOD-0121 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	138.88 24.80 4.47	7.44
15094-0098 EA 13" x 10-1/2" Welded Wall Mounted Bracket 15MOD-0121 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	149.57 26.93 4.47	7.44
15094-0099 EA 19" x 16-1/2" Welded Wall Mounted Bracket 15MOD-0121 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	169.81 30.98 4.47	7.44
15094-0100 Pipe and Equipment Supports, Light Wall Bracket (15094-0095)		
15094-0101 EA Wall Mounted Bracket Note: Supports up to 40 Lbs (Up to 10 KW electric, 36 MBH steam, and 26 MBH hot water unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	71.10 4.47	7.44
15094-0102 EA Wall Mounted Bracket Note: Supports up to 65 Lbs (Up to 20 KW electric, 120 MBH steam, and 87 MBH hot water unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	82.50 4.47	7.44
15094-0103 EA Wall Mounted Bracket Note: Supports up to 100 Lbs (Up to 30 KW electric, 204 MBH steam, and 148 MBH hot water, 45 MBH gas unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	93.00 4.47	7.44
15094-0104 EA Wall Mounted Bracket Note: Supports up to 140 Lbs (Up to 50 KW electric, 280 MBH steam, and 209 MBH hot water, 75 MBH gas unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	106.25 4.47	7.44
15094-0105 EA Wall Mounted Bracket, 12" Wide, 18" Deep Note: Supports up to 180 Lbs (Up to 333 MBH steam, and 243 MBH hot water, 100 MBH gas unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	363.23 4.47	7.44
15094-0106 EA Wall Mounted Bracket, 18" Wide, 24" Deep Note: Supports up to 275 Lbs (Up to 496 MBH steam, and 368 MBH hot water, 200 MBH gas unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	418.23 4.47	7.44
15094-0107 EA Wall Mounted Bracket, 24" Wide, 30" Deep Note: Supports up to 350 Lbs (Up to 700 MBH steam, and 519 MBH hot water, 300 MBH gas unit heater). 15MOD-0683 For Work In Restricted Working Space, Add	546.56 4.47	7.44
15094-0108 Sway Bracing For No Hub Pipe (15094-0001)		
15094-0109 EA 1-1/2" Sway Bracing 15MOD-0683 For Work In Restricted Working Space, Add	84.05 4.90	8.19
15094-0110 EA 2" Sway Bracing 15MOD-0683 For Work In Restricted Working Space, Add	86.57 5.17	8.63
15094-0111 EA 3" Sway Bracing 15MOD-0683 For Work In Restricted Working Space, Add	89.65 5.48	9.12



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0112	EA 4" Sway Bracing..... 15MOD-0683 For Work In Restricted Working Space, Add	101.75 6.21	10.36
15094-0113	EA 6" Sway Bracing..... 15MOD-0683 For Work In Restricted Working Space, Add	149.25 9.31	15.52
15094-0114	EA 8" Sway Bracing..... 15MOD-0683 For Work In Restricted Working Space, Add	165.03 11.64	19.37
15094-0115	EA 10" Sway Bracing..... 15MOD-0683 For Work In Restricted Working Space, Add	185.51 15.52	25.89
15094-0116	Adjustable Pipe Stand With Saddle Up To 24" High (15094-0001)		
15094-0117	EA Up to 24" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	106.56 3.72	6.20
15094-0118	EA Up to 24" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	109.43 4.10	6.83
15094-0119	EA Up to 24" High Adjustable Pipe Stand With Saddle For 2" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	119.25 4.66	7.76
15094-0120	EA Up to 24" High Adjustable Pipe Stand With Saddle For 2-1/2" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	156.01 5.21	8.69
15094-0121	EA Up to 24" High Adjustable Pipe Stand With Saddle For 3" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	161.13 5.77	9.62
15094-0122	EA Up to 24" High Adjustable Pipe Stand With Saddle For 3-1/2" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	175.85 6.52	10.86
15094-0123	EA Up to 24" High Adjustable Pipe Stand With Saddle For 4" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	202.83 7.08	11.79
15094-0124	EA Up to 24" High Adjustable Pipe Stand With Saddle For 5" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	237.70 7.64	12.72
15094-0125	EA Up to 24" High Adjustable Pipe Stand With Saddle For 6" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	242.86 8.38	13.96
15094-0126	EA Up to 24" High Adjustable Pipe Stand With Saddle For 8" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	290.11 9.12	15.20
15094-0127	EA Up to 24" High Adjustable Pipe Stand With Saddle For 10" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	307.06 10.05	16.76
15094-0128	EA Up to 24" High Adjustable Pipe Stand With Saddle For 12" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	315.63 11.17	18.62
15094-0129	EA Up to 24" High Adjustable Pipe Stand With Saddle For 14" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	387.31 12.29	20.48
15094-0130	EA Up to 24" High Adjustable Pipe Stand With Saddle For 16" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	392.27 13.78	22.96
15094-0131	EA Up to 24" High Adjustable Pipe Stand With Saddle For 18" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	531.99 15.27	25.45
15094-0132	EA Up to 24" High Adjustable Pipe Stand With Saddle For 20" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	687.39 16.76	27.93
15094-0133	EA Up to 24" High Adjustable Pipe Stand With Saddle For 24" Pipe 15MOD-0683 For Work In Restricted Working Space, Add	781.12 16.76	27.93
15094-0134	Steel Pipe Clamp Type 4 (15094-0001)		
15094-0135	EA 1/2" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	13.18 2.40	4.03
15094-0136	EA 3/4" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	13.20 2.40	4.03
15094-0137	EA 1" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	13.48 2.40	4.03
15094-0138	EA 1-1/4" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	16.32 2.60	4.36
15094-0139	EA 1-1/2" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	16.48 2.60	4.36
15094-0140	EA 2" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	16.76 2.60	4.36
15094-0141	EA 2-1/2" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	17.40 2.63	4.36
15094-0142	EA 3" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	19.17 2.84	4.70
15094-0143	EA 3-1/2" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	21.09 2.82	4.70
15094-0144	EA 4" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	22.79 2.82	4.70
15094-0145	EA 5" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	32.00 3.02	5.04
15094-0146	EA 6" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	44.31 3.23	5.37
15094-0147	EA 8" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	51.49 3.43	5.71
15094-0148	EA 10" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	84.40 3.63	6.04
15094-0149	EA 12" Steel Pipe Clamp Type 4 15MOD-0683 For Work In Restricted Working Space, Add	96.77 3.83	6.38
15094-0150	Extension Split Pipe Clamp Hinged Or Two Bolt Type 12 (15094-0001)		
15094-0151	EA 1/2" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12 15MOD-0683 For Work In Restricted Working Space, Add	14.73 2.89	4.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0152	EA	3/4" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	15.41	5.06
	15MOD-0683	For Work In Restricted Working Space, Add	3.02	
15094-0153	EA	1" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	16.99	5.73
	15MOD-0683	For Work In Restricted Working Space, Add	3.37	
15094-0154	EA	1-1/4" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	18.94	6.07
	15MOD-0683	For Work In Restricted Working Space, Add	3.55	
15094-0155	EA	1-1/2" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	22.41	6.07
	15MOD-0683	For Work In Restricted Working Space, Add	3.68	
15094-0156	EA	2" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	27.26	6.74
	15MOD-0683	For Work In Restricted Working Space, Add	4.04	
15094-0157	EA	2-1/2" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	41.90	7.08
	15MOD-0683	For Work In Restricted Working Space, Add	4.21	
15094-0158	EA	3" Extension Split Pipe Clamp Hinged Or Two Bolt Type 12	47.43	7.42
	15MOD-0683	For Work In Restricted Working Space, Add	4.40	
15094-0159		Forged Steel Clevis Type 14 <small>(15094-0001)</small>		
15094-0160	EA	2" Forged Steel Clevis With Pin Type 14	79.10	6.20
	15MOD-0683	For Work In Restricted Working Space, Add	3.72	
15094-0161	EA	2-1/2" Forged Steel Clevis With Pin Type 14	121.43	6.52
	15MOD-0683	For Work In Restricted Working Space, Add	3.92	
15094-0162	EA	3" Forged Steel Clevis With Pin Type 14	191.63	6.83
	15MOD-0683	For Work In Restricted Working Space, Add	4.14	
15094-0163	EA	3-1/2" Forged Steel Clevis With Pin Type 14	318.21	7.44
	15MOD-0683	For Work In Restricted Working Space, Add	4.38	
15094-0164	EA	4" Forged Steel Clevis With Pin Type 14	405.57	8.38
	15MOD-0683	For Work In Restricted Working Space, Add	4.97	
15094-0165	EA	5" Forged Steel Clevis With Pin Type 14	799.76	10.86
	15MOD-0683	For Work In Restricted Working Space, Add	6.52	
15094-0166	EA	6" Forged Steel Clevis With Pin Type 14	1,191.89	12.41
	15MOD-0683	For Work In Restricted Working Space, Add	7.45	
15094-0167	EA	8" Forged Steel Clevis With Pin Type 14	2,059.48	15.52
	15MOD-0683	For Work In Restricted Working Space, Add	9.31	
15094-0168		Carbon Or Alloy Steel Riser Clamp Type 42 <small>(15094-0001)</small>		
15094-0169	EA	1/2" Carbon Or Alloy Steel Riser Clamp Type 42	30.23	3.72
	15MOD-0683	For Work In Restricted Working Space, Add	2.21	
15094-0170	EA	3/4" Carbon Or Alloy Steel Riser Clamp Type 42	30.23	3.72
	15MOD-0683	For Work In Restricted Working Space, Add	2.21	
15094-0171	EA	1" Carbon Or Alloy Steel Riser Clamp Type 42	30.23	3.72
	15MOD-0683	For Work In Restricted Working Space, Add	2.21	
15094-0172	EA	1-1/4" Carbon Or Alloy Steel Riser Clamp Type 42	30.23	3.72
	15MOD-0683	For Work In Restricted Working Space, Add	2.21	
15094-0173	EA	1-1/2" Carbon Or Alloy Steel Riser Clamp Type 42	30.85	4.04
	15MOD-0683	For Work In Restricted Working Space, Add	2.40	
15094-0174	EA	2" Carbon Or Alloy Steel Riser Clamp Type 42	31.41	4.04
	15MOD-0683	For Work In Restricted Working Space, Add	2.40	
15094-0175	EA	2-1/2" Carbon Or Alloy Steel Riser Clamp Type 42	32.42	4.04
	15MOD-0683	For Work In Restricted Working Space, Add	2.40	
15094-0176	EA	3" Carbon Or Alloy Steel Riser Clamp Type 42	34.90	4.35
	15MOD-0683	For Work In Restricted Working Space, Add	2.59	
15094-0177	EA	4" Carbon Or Alloy Steel Riser Clamp Type 42	57.15	4.35
	15MOD-0683	For Work In Restricted Working Space, Add	2.59	
15094-0178	EA	5" Carbon Or Alloy Steel Riser Clamp Type 42	62.44	4.65
	15MOD-0683	For Work In Restricted Working Space, Add	2.78	
15094-0179	EA	6" Carbon Or Alloy Steel Riser Clamp Type 42	93.21	4.65
	15MOD-0683	For Work In Restricted Working Space, Add	2.81	
15094-0180	EA	8" Carbon Or Alloy Steel Riser Clamp Type 42	105.22	4.96
	15MOD-0683	For Work In Restricted Working Space, Add	2.98	
15094-0181	EA	10" Carbon Or Alloy Steel Riser Clamp Type 42	134.58	4.96
	15MOD-0683	For Work In Restricted Working Space, Add	2.97	
15094-0182	EA	12" Carbon Or Alloy Steel Riser Clamp Type 42	153.59	5.59
	15MOD-0683	For Work In Restricted Working Space, Add	3.35	
15094-0183		Steel Swivel Split Ring Hanger With Bolt Type 5 <small>(15094-0001)</small>		
15094-0184	EA	1/2" Steel Swivel Split Ring Hanger, Type 5	50.05	20.69
	15MOD-0683	For Work In Restricted Working Space, Add	12.39	
15094-0185	EA	3/4" Steel Swivel Split Ring Hanger, Type 5	50.43	20.69
	15MOD-0683	For Work In Restricted Working Space, Add	12.39	
15094-0186	EA	1" Steel Swivel Split Ring Hanger, Type 5	21.86	6.04
	15MOD-0683	For Work In Restricted Working Space, Add	3.63	
15094-0187	EA	1-1/4" Steel Swivel Split Ring Hanger, Type 5	23.34	6.71
	15MOD-0683	For Work In Restricted Working Space, Add	4.03	
15094-0188	EA	1-1/2" Steel Swivel Split Ring Hanger, Type 5	25.44	7.06
	15MOD-0683	For Work In Restricted Working Space, Add	4.23	
15094-0189	EA	2" Steel Swivel Split Ring Hanger, Type 5	27.38	7.39
	15MOD-0683	For Work In Restricted Working Space, Add	4.43	
15094-0190	EA	2-1/2" Steel Swivel Split Ring Hanger, Type 5	35.77	7.72
	15MOD-0683	For Work In Restricted Working Space, Add	4.64	
15094-0191	EA	3" Steel Swivel Split Ring Hanger, Type 5	39.73	8.06
	15MOD-0683	For Work In Restricted Working Space, Add	4.83	



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15094-0192	EA 4" Steel Swivel Split Ring Hanger, Type 5 15MOD-0683 For Work In Restricted Working Space, Add	49.16 5.44	9.07
15094-0193	Copper Straps, 2 Hole (15094-0001)		
15094-0194	EA 2 Hole Copper Strap, 1/2" 15MOD-0683 For Work In Restricted Working Space, Add	1.70 0.42	
15094-0195	EA 2 Hole Copper Strap, 3/4" 15MOD-0683 For Work In Restricted Working Space, Add	1.98 0.44	
15094-0196	EA 2 Hole Copper Strap, 1" 15MOD-0683 For Work In Restricted Working Space, Add	2.29 0.46	
15094-0197	Black Malleable Iron Clamps, 1 Hole (15094-0001)		
15094-0198	EA 1/2" Black Malleable Iron Clamp, 1 Hole 15MOD-0683 For Work In Restricted Working Space, Add	2.61 0.34	
15094-0199	EA 3/4" Black Malleable Iron Clamp, 1 Hole 15MOD-0683 For Work In Restricted Working Space, Add	2.94 0.36	
15094-0200	EA 1" Black Malleable Iron Clamp, 1 Hole 15MOD-0683 For Work In Restricted Working Space, Add	3.85 0.39	
15094-0201	EA 1-1/4" Black Malleable Iron Clamp, 1 Hole 15MOD-0683 For Work In Restricted Working Space, Add	4.41 0.42	
15094-0202	EA 1-1/2" Black Malleable Iron Clamp, 1 Hole 15MOD-0683 For Work In Restricted Working Space, Add	4.84 0.46	
15094-0203	EA 2" Black Malleable Iron Clamp, 1 Hole 15MOD-0683 For Work In Restricted Working Space, Add	6.26 0.50	
15094-0204	Channel Mounted Cushion Clamp (15094-0001) Note: Includes fastening into channel		
15094-0205	EA 1/2" Channel Mounted Cushion Clamp For 3/8" Pipe	8.89	2.79
15094-0206	EA 5/8" Channel Mounted Cushion Clamp For 1/2" Pipe	9.36	3.11
15094-0207	EA 7/8" Channel Mounted Cushion Clamp For 3/4" Pipe	10.18	3.26
15094-0208	EA 1-1/8" Channel Mounted Cushion Clamp For 1" Pipe	11.05	3.41
15094-0209	EA 1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe	12.51	3.72
15094-0210	EA 1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe	13.85	3.88
15094-0211	EA 2-1/8" Channel Mounted Cushion Clamp For 2" Pipe	18.96	4.04
15094-0212	EA 2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe	22.14	4.35
15094-0213	EA 3-1/8" Channel Mounted Cushion Clamp For 3" Pipe	28.50	4.96
15094-0214	EA 4-1/8" Channel Mounted Cushion Clamp For 4" Pipe	41.26	5.59
15094-0215	Galvanized Steel Cushion Tube Clamp (15094-0001) Note: Excludes fastening bolt and drilling if necessary		
15094-0216	EA 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe..... Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.27	
15094-0217	EA 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe..... Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.33	
15094-0218	EA 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe..... Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.37	
15094-0219	EA 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe..... Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.47	
15094-0220	EA 7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe..... Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.35	
15094-0221	EA 7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe..... Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.53	
15094-0222	EA 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe..... Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.42	
15094-0223	EA 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe..... Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.64	
15094-0224	EA 1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	2.65	
15094-0225	EA 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.52	
15094-0226	EA 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	2.62	
15094-0227	EA 1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	2.93	
15094-0228	EA 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	2.63	
15094-0229	EA 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	2.83	
15094-0230	EA 1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.16	
15094-0231	EA 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe..... Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.19	
15094-0232	EA 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe..... Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	3.37	
15094-0233	EA 2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.73	
15094-0234	EA 2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.84	

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15094-0235	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.38	
15094-0236	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.42	
15094-0237	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe..... Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.95	
15094-0238	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe..... Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.38	
15094-0239	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe..... Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.64	
15094-0240	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.09	
15094-0241	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.35	
15094-0242	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.36	
15094-0243	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe..... Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.06	
15094-0244	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe..... Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.44	
15094-0245	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe..... Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.58	
15094-0246		Threaded Rod, Accessories And Attachments (15094)		
15094-0247		Threaded Rod And Rod Accessories (15094-0246)		
15094-0248		Threaded Rod (15094-0247) Note: Fully threaded.		
15094-0249	LF	3/8" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.91 0.42 0.30 0.26	0.42
15094-0250	LF	1/2" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	2.55 0.66 0.47 0.27	0.45
15094-0251	LF	5/8" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	3.48 1.02 0.73 0.28	0.46
15094-0252	LF	3/4" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	5.60 1.86 1.32 0.29	0.47
15094-0253	LF	7/8" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	6.09 2.04 1.45 0.30	0.49
15094-0254	LF	1" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	8.28 2.86 2.04 0.34	0.56
15094-0255	LF	1-1/8" Diameter, Carbon Steel Threaded Rod 15MOD-0122 For Galvanized, Add 15MOD-0123 For Zinc Plated, Add 15MOD-0683 For Work In Restricted Working Space, Add	10.28 3.61 2.57 0.38	0.63
15094-0256		Rod Couplings (15094-0247)		
15094-0257	EA	3/8" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	5.06 1.24	
15094-0258	EA	1/2" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	5.74 1.38	
15094-0259	EA	5/8" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	7.22 1.55	
15094-0260	EA	3/4" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	8.83 1.69	
15094-0261	EA	7/8" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	12.16 1.86	
15094-0262	EA	1" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	15.48 2.19	
15094-0263	EA	1-1/8" Rod Coupling 15MOD-0683 For Work In Restricted Working Space, Add	21.07 2.48	
15094-0264		Flat Washers (15094-0247) Note: Zinc plated.		
15094-0265	EA	3/8", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.33 0.01 0.08	0.13
15094-0266	EA	1/2", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.44 0.03 0.10	0.13



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15094-0267	EA 5/8", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.59 0.06 0.11	0.20
15094-0268	EA 3/4", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.81 0.08 0.14	0.20
15094-0269	EA 7/8", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.02 0.12 0.17	0.27
15094-0270	EA 1", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.19 0.14 0.19	0.27
15094-0271	EA 1-1/8", Carbon Steel Flat Washer 15MOD-0124 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.40 0.17 0.21	0.33
15094-0272	Hex Nuts (15094-0247) Note: Grade 2 and zinc plated.		
15094-0273	EA 3/8" - 16, Carbon Steel Hex Nut..... 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.43 0.01 0.11	0.17
15094-0274	EA 1/2" - 13, Carbon Steel Hex Nut..... 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.53 0.03 0.13	0.17
15094-0275	EA 5/8" - 11, Carbon Steel Hex Nut..... 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.66 0.06 0.13	0.17
15094-0276	EA 3/4" - 10, Carbon Steel Hex Nut..... 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	0.83 0.09 0.14	0.33
15094-0277	EA 7/8" - 9, Carbon Steel Hex Nut 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.26 0.19 0.15	0.33
15094-0278	EA 1" - 8, Carbon Steel Hex Nut 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.60 0.26 0.17	0.33
15094-0279	EA 1-1/8" - 7, Carbon Steel Hex Nut 15MOD-0125 For Galvanized, Add 15MOD-0683 For Work In Restricted Working Space, Add	1.75 0.28 0.19	0.33
15094-0280	Turnbuckle (15094-0247)		
15094-0281	EA 3/8" Turnbuckle Type-13..... 15MOD-0683 For Work In Restricted Working Space, Add	20.97 2.02	3.37
15094-0282	EA 1/2" Turnbuckle Type-13..... 15MOD-0683 For Work In Restricted Working Space, Add	25.10 2.25	3.71
15094-0283	EA 5/8" Turnbuckle Type-13..... 15MOD-0683 For Work In Restricted Working Space, Add	26.86 2.53	4.04
15094-0284	EA 3/4" Turnbuckle Type-13..... 15MOD-0683 For Work In Restricted Working Space, Add	34.36 2.89	4.72
15094-0285	EA 7/8" Turnbuckle Type-13..... 15MOD-0683 For Work In Restricted Working Space, Add	45.17 3.37	5.06
15094-0286	EA 1" Turnbuckle Type-13..... 15MOD-0683 For Work In Restricted Working Space, Add	56.31 4.05	5.40
15094-0287	EA 1-1/8" Turnbuckle Type-13 15MOD-0683 For Work In Restricted Working Space, Add	148.78 5.06	6.07
15094-0288	Welded Eye Rod (15094-0247)		
15094-0289	EA 3/8" Welded Eye Rod..... 15MOD-0683 For Work In Restricted Working Space, Add	24.48 2.89	4.79
15094-0290	EA 1/2" Welded Eye Rod..... 15MOD-0683 For Work In Restricted Working Space, Add	33.85 3.37	5.60
15094-0291	EA 5/8" Welded Eye Rod..... 15MOD-0683 For Work In Restricted Working Space, Add	47.11 4.05	6.75
15094-0292	EA 3/4" Welded Eye Rod..... 15MOD-0683 For Work In Restricted Working Space, Add	59.52 5.06	8.43
15094-0293	EA 7/8" Welded Eye Rod..... 15MOD-0683 For Work In Restricted Working Space, Add	74.19 6.74	11.27
15094-0294	EA 1" Welded Eye Rod..... 15MOD-0683 For Work In Restricted Working Space, Add	99.63 10.12	16.87
15094-0295	Welded Linked Eye Rod (15094-0247)		
15094-0296	EA 3/8" Welded Linked Eye Rod 15MOD-0683 For Work In Restricted Working Space, Add	30.32 2.89	4.79
15094-0297	EA 1/2" Welded Linked Eye Rod 15MOD-0683 For Work In Restricted Working Space, Add	34.50 3.37	5.60
15094-0298	EA 5/8" Welded Linked Eye Rod 15MOD-0683 For Work In Restricted Working Space, Add	42.57 4.05	6.75
15094-0299	EA 3/4" Welded Linked Eye Rod 15MOD-0683 For Work In Restricted Working Space, Add	56.95 5.06	8.43

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15094-0300 EA 7/8" Welded Linked Eye Rod.....	70.95	11.27
15MOD-0683 For Work In Restricted Working Space, Add	6.74	
15094-0301 EA 1" Welded Linked Eye Rod.....	98.36	16.87
15MOD-0683 For Work In Restricted Working Space, Add	10.12	
15094-0302 Swivel Turnbuckle (15094-0247)		
15094-0303 EA 3/8" Swivel Turnbuckle Type-15.....	23.10	3.37
15MOD-0683 For Work In Restricted Working Space, Add	2.02	
15094-0304 EA 1/2" Swivel Turnbuckle Type-15.....	27.75	3.77
15MOD-0683 For Work In Restricted Working Space, Add	2.25	
15094-0305 EA 5/8" Swivel Turnbuckle Type-15.....	29.63	4.19
15MOD-0683 For Work In Restricted Working Space, Add	2.53	
15094-0306 EA 3/4" Swivel Turnbuckle Type-15.....	38.07	4.79
15MOD-0683 For Work In Restricted Working Space, Add	2.89	
15094-0307 EA 7/8" Swivel Turnbuckle Type-15.....	50.26	5.60
15MOD-0683 For Work In Restricted Working Space, Add	3.37	
15094-0308 EA 1" Swivel Turnbuckle Type-15.....	62.74	6.75
15MOD-0683 For Work In Restricted Working Space, Add	4.05	
15094-0309 Attachments (15094-0246)		
15094-0310 Welded Beam Attachments (15094-0309)		
Note: Type 22.		
15094-0311 EA 3/8" Rod Size, Welded Beam Attachment.....	28.33	6.30
15MOD-0683 For Work In Restricted Working Space, Add	3.78	
15094-0312 EA 1/2" Rod Size, Welded Beam Attachment.....	30.23	6.62
15MOD-0683 For Work In Restricted Working Space, Add	3.98	
15094-0313 EA 5/8" Rod Size, Welded Beam Attachment.....	32.20	7.00
15MOD-0683 For Work In Restricted Working Space, Add	4.20	
15094-0314 EA 3/4" Rod Size, Welded Beam Attachment.....	41.18	7.44
15MOD-0683 For Work In Restricted Working Space, Add	4.45	
15094-0315 EA 7/8" Rod Size, Welded Beam Attachment.....	49.47	7.88
15MOD-0683 For Work In Restricted Working Space, Add	4.73	
15094-0316 EA 1" Rod Size, Welded Beam Attachment.....	69.47	9.02
15MOD-0683 For Work In Restricted Working Space, Add	5.40	
15094-0317 EA 1-1/8" Rod Size, Welded Beam Attachment.....	98.59	9.02
15MOD-0683 For Work In Restricted Working Space, Add	5.67	
15094-0318 C-Clamp Style Beam Clamps (15094-0309)		
Note: Type 23. Top or bottom flange mount.		
15094-0319 EA 3/8" Rod Size, C-Clamp Style Beam Clamp.....	10.35	3.44
15MOD-0683 For Work In Restricted Working Space, Add	2.53	
15094-0320 EA 1/2" Rod Size, C-Clamp Style Beam Clamp.....	12.33	4.39
15MOD-0683 For Work In Restricted Working Space, Add	2.70	
15094-0321 EA 5/8" Rod Size, C-Clamp Style Beam Clamp.....	13.96	4.72
15MOD-0683 For Work In Restricted Working Space, Add	2.89	
15094-0322 EA 3/4" Rod Size, C-Clamp Style Beam Clamp.....	17.89	5.06
15MOD-0683 For Work In Restricted Working Space, Add	3.11	
15094-0323 EA 7/8" Rod Size, C-Clamp Style Beam Clamp.....	25.84	5.40
15MOD-0683 For Work In Restricted Working Space, Add	3.37	
15094-0324 Bottom Mount I-Beam Clamps (15094-0309)		
Note: Type 21. For attaching threaded rod centered under beam flanges.		
15094-0325 EA 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	28.12	4.72
15MOD-0683 For Work In Restricted Working Space, Add	3.37	
15094-0326 EA 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	41.21	6.07
15MOD-0683 For Work In Restricted Working Space, Add	3.68	
15094-0327 EA 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	58.75	6.75
15MOD-0683 For Work In Restricted Working Space, Add	4.05	
15094-0328 EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	70.28	7.42
15MOD-0683 For Work In Restricted Working Space, Add	4.50	
15094-0329 EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	169.53	8.09
15MOD-0683 For Work In Restricted Working Space, Add	5.06	
15094-0330 Steel U-Bolts (15094-0309)		
Note: Type 24. Includes plate and nuts.		
15094-0331 EA 1/2" Pipe Size, Steel U-Bolt.....	8.43	1.68
15MOD-0683 For Work In Restricted Working Space, Add	2.02	
15094-0332 EA 3/4" Pipe Size, Steel U-Bolt.....	9.15	2.03
15MOD-0683 For Work In Restricted Working Space, Add	2.13	
15094-0333 EA 1" Pipe Size, Steel U-Bolt.....	9.83	2.03
15MOD-0683 For Work In Restricted Working Space, Add	2.25	
15094-0334 EA 1-1/4" Pipe Size, Steel U-Bolt.....	11.16	2.03
15MOD-0683 For Work In Restricted Working Space, Add	2.38	
15094-0335 EA 1-1/2" Pipe Size, Steel U-Bolt.....	11.54	2.36
15MOD-0683 For Work In Restricted Working Space, Add	2.53	
15094-0336 EA 2" Pipe Size, Steel U-Bolt.....	12.35	2.36
15MOD-0683 For Work In Restricted Working Space, Add	2.70	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0337	EA 2-1/2" Pipe Size, Steel U-Bolt.....	17.67	2.36
	15MOD-0683 For Work In Restricted Working Space, Add	2.89	
15094-0338	EA 3" Pipe Size, Steel U-Bolt.....	19.48	2.69
	15MOD-0683 For Work In Restricted Working Space, Add	3.11	
15094-0339	EA 4" Pipe Size, Steel U-Bolt.....	23.48	3.03
	15MOD-0683 For Work In Restricted Working Space, Add	3.37	
15094-0340	Standoff Brackets With Flange Copper (15094-0309)		
	Note: Installed in wood, concrete, concrete masonry units or steel.		
15094-0341	EA Clamp Size 1/2", Standoff Brackets With Flange Copper.....	25.24	9.64
	15MOD-0683 For Work In Restricted Working Space, Add	5.78	
15094-0342	EA Clamp Size 3/4", Standoff Brackets With Flange Copper.....	25.60	9.64
	15MOD-0683 For Work In Restricted Working Space, Add	5.78	
15094-0343	EA Clamp Size 1", Standoff Brackets With Flange Copper.....	25.97	9.64
	15MOD-0683 For Work In Restricted Working Space, Add	5.78	
15094-0344	EA Clamp Size 1 1/4", Standoff Brackets With Flange Copper.....	27.86	10.25
	15MOD-0683 For Work In Restricted Working Space, Add	6.13	
15094-0345	EA Clamp Size 1 1/2", Standoff Brackets With Flange Copper.....	28.59	10.25
	15MOD-0683 For Work In Restricted Working Space, Add	6.13	
15094-0346	Malleable Iron Eye Sockets (15094-0309)		
	Note: Type 16.		
15094-0347	EA 3/8" Rod Size, Malleable Iron Eye Socket.....	6.31	1.01
	15MOD-0683 For Work In Restricted Working Space, Add	0.82	
15094-0348	EA 1/2" Rod Size, Malleable Iron Eye Socket.....	8.03	1.35
	15MOD-0683 For Work In Restricted Working Space, Add	0.81	
15094-0349	EA 5/8" Rod Size, Malleable Iron Eye Socket.....	13.69	1.35
	15MOD-0683 For Work In Restricted Working Space, Add	0.82	
15094-0350	EA 3/4" Rod Size, Malleable Iron Eye Socket.....	19.22	1.35
	15MOD-0683 For Work In Restricted Working Space, Add	0.81	
15094-0351	EA 7/8" Rod Size, Malleable Iron Eye Socket.....	20.79	1.68
	15MOD-0683 For Work In Restricted Working Space, Add	1.01	
15094-0352	Steel Weldless Eye Nuts (15094-0309)		
	Note: Type 17.		
15094-0353	EA 3/8" Rod Size, Steel Weldless Eye Nut.....	20.24	1.01
	15MOD-0683 For Work In Restricted Working Space, Add	0.82	
15094-0354	EA 1/2" Rod Size, Steel Weldless Eye Nut.....	20.88	1.35
	15MOD-0683 For Work In Restricted Working Space, Add	0.81	
15094-0355	EA 5/8" Rod Size, Steel Weldless Eye Nut.....	20.91	1.35
	15MOD-0683 For Work In Restricted Working Space, Add	0.82	
15094-0356	EA 3/4" Rod Size, Steel Weldless Eye Nut.....	20.88	1.35
	15MOD-0683 For Work In Restricted Working Space, Add	0.81	
15094-0357	EA 7/8" Rod Size, Steel Weldless Eye Nut.....	40.57	1.48
	15MOD-0683 For Work In Restricted Working Space, Add	0.91	
15094-0358	EA 1" Rod Size, Steel Weldless Eye Nut.....	40.90	1.68
	15MOD-0683 For Work In Restricted Working Space, Add	1.01	
15094-0359	Top Mount I-Beam Clamps (15094-0309)		
	Note: For attaching threaded rod to either side of an I-beam.		
15094-0360	EA 3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	14.02	3.15
	15MOD-0683 For Work In Restricted Working Space, Add	1.89	
15094-0361	EA 1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	16.83	3.46
	15MOD-0683 For Work In Restricted Working Space, Add	2.09	
15094-0362	EA 5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	20.35	3.78
	15MOD-0683 For Work In Restricted Working Space, Add	2.29	
15094-0363	EA 3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	27.81	4.10
	15MOD-0683 For Work In Restricted Working Space, Add	2.41	
15094-0364	EA 7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	42.51	4.72
	15MOD-0683 For Work In Restricted Working Space, Add	2.84	
15094-0365	EA 3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp.....	14.74	3.15
	15MOD-0683 For Work In Restricted Working Space, Add	1.89	
15094-0366	EA 1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp.....	17.84	3.46
	15MOD-0683 For Work In Restricted Working Space, Add	2.09	
15094-0367	EA 5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp.....	20.35	3.78
	15MOD-0683 For Work In Restricted Working Space, Add	2.29	
15094-0368	EA 3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp.....	30.47	4.10
	15MOD-0683 For Work In Restricted Working Space, Add	2.41	
15094-0369	EA 7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp.....	47.07	4.72
	15MOD-0683 For Work In Restricted Working Space, Add	2.84	
15094-0370	EA 3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp.....	16.40	3.15
	15MOD-0683 For Work In Restricted Working Space, Add	1.89	
15094-0371	EA 1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp.....	19.72	3.46
	15MOD-0683 For Work In Restricted Working Space, Add	2.09	
15094-0372	EA 5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp.....	24.74	3.78
	15MOD-0683 For Work In Restricted Working Space, Add	2.29	
15094-0373	EA 3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp.....	35.46	4.10
	15MOD-0683 For Work In Restricted Working Space, Add	2.41	
15094-0374	EA 7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp.....	56.81	4.72
	15MOD-0683 For Work In Restricted Working Space, Add	2.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0375		Side Beam Brackets (15094-0309) Note: Type 34.		
15094-0376	EA	3/8" Rod Size, Side Beam Bracket	11.54	4.39
		15MOD-0683 For Work In Restricted Working Space, Add	2.53	
15094-0377	EA	1/2" Rod Size, Side Beam Bracket	13.61	4.39
		15MOD-0683 For Work In Restricted Working Space, Add	2.70	
15094-0378	EA	5/8" Rod Size, Side Beam Bracket	17.50	4.72
		15MOD-0683 For Work In Restricted Working Space, Add	2.89	
15094-0379	EA	3/4" Rod Size, Side Beam Bracket	30.74	5.06
		15MOD-0683 For Work In Restricted Working Space, Add	3.11	
15094-0380	EA	7/8" Rod Size, Side Beam Bracket	35.93	5.73
		15MOD-0683 For Work In Restricted Working Space, Add	3.37	
15094-0381		Hex Lag Bolts (15094-0309) Note: Also known as coach screws.		
15094-0382	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	1.80	
		15MOD-0683 For Work In Restricted Working Space, Add	0.42	
15094-0383	EA	3/8" x 4" Long, Hex Lag Bolt	1.95	
		15MOD-0683 For Work In Restricted Working Space, Add	0.44	
15094-0384	EA	3/8" x 6" Long, Hex Lag Bolt	2.23	
		15MOD-0683 For Work In Restricted Working Space, Add	0.45	
15094-0385	EA	3/8" x 8" Long, Hex Lag Bolt	2.54	
		15MOD-0683 For Work In Restricted Working Space, Add	0.47	
15094-0386	EA	3/8" x 10" Long, Hex Lag Bolt	2.99	
		15MOD-0683 For Work In Restricted Working Space, Add	0.49	
15094-0387	EA	3/8" x 12" Long, Hex Lag Bolt	3.29	
		15MOD-0683 For Work In Restricted Working Space, Add	0.50	
15094-0388	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	2.45	
		15MOD-0683 For Work In Restricted Working Space, Add	0.50	
15094-0389	EA	1/2" x 4" Long, Hex Lag Bolt	2.70	
		15MOD-0683 For Work In Restricted Working Space, Add	0.53	
15094-0390	EA	1/2" x 6" Long, Hex Lag Bolt	3.21	
		15MOD-0683 For Work In Restricted Working Space, Add	0.55	
15094-0391	EA	1/2" x 8" Long, Hex Lag Bolt	3.87	
		15MOD-0683 For Work In Restricted Working Space, Add	0.58	
15094-0392	EA	1/2" x 10" Long, Hex Lag Bolt	4.62	
		15MOD-0683 For Work In Restricted Working Space, Add	0.60	
15094-0393	EA	1/2" x 12" Long, Hex Lag Bolt	4.98	
		15MOD-0683 For Work In Restricted Working Space, Add	0.63	
15094-0394	EA	5/8" x 4" Long, Hex Lag Bolt	3.38	
		15MOD-0683 For Work In Restricted Working Space, Add	0.56	
15094-0395	EA	3/4" x 5" Long, Hex Lag Bolt	3.95	
		15MOD-0683 For Work In Restricted Working Space, Add	0.58	
15094-0396		Shields And Saddles (15094)		
15094-0397		Pipe Covering Protection Shield Type 40 (15094-0396) Note: Length variable with pipe size.		
15094-0398	EA	Pipe Cover Shield, < 3-1/2" Outside Diameter, 16 Gauge, Shield Type 40	10.81	1.01
		15MOD-0683 For Work In Restricted Working Space, Add	0.68	
15094-0399	EA	Pipe Cover Shield, 3-1/2" - 6" Outside Diameter, 16 Gauge, Shield Type 40	15.06	1.01
		15MOD-0683 For Work In Restricted Working Space, Add	0.72	
15094-0400	EA	Pipe Cover Shield, 6" - 9" Outside Diameter, 14 Gauge, Shield Type 40	23.52	1.15
		15MOD-0683 For Work In Restricted Working Space, Add	0.78	
15094-0401	EA	Pipe Cover Shield, 9" - 11" Outside Diameter, 14 Gauge, Shield Type 40	26.18	1.35
		15MOD-0683 For Work In Restricted Working Space, Add	0.84	
15094-0402	EA	Pipe Cover Shield, 11" - 14" Outside Diameter, 14 Gauge, Shield Type 40	42.86	1.48
		15MOD-0683 For Work In Restricted Working Space, Add	0.92	
15094-0403		Pipe Covering Protection Saddle (15094-0396) Note: Type 39, sizes are pipe sizes		
15094-0404		Saddle Type 39 For 1" Insulation (15094-0403)		
15094-0405	EA	3/4" Pipe Saddle, Type 39 (For 1" Insulation)	16.80	2.20
		15MOD-0683 For Work In Restricted Working Space, Add	2.52	
15094-0406	EA	1" Pipe Saddle, Type 39 (For 1" Insulation)	17.41	2.20
		15MOD-0683 For Work In Restricted Working Space, Add	2.70	
15094-0407	EA	1-1/4" Pipe Saddle, Type 39 (For 1" Insulation)	18.10	2.52
		15MOD-0683 For Work In Restricted Working Space, Add	2.91	
15094-0408	EA	1-1/2" Pipe Saddle, Type 39 (For 1" Insulation)	19.62	2.84
		15MOD-0683 For Work In Restricted Working Space, Add	3.15	
15094-0409	EA	2" Pipe Saddle, Type 39 (For 1" Insulation)	20.59	2.84
		15MOD-0683 For Work In Restricted Working Space, Add	3.44	
15094-0410	EA	2-1/2" Pipe Saddle, Type 39 (For 1" Insulation)	21.72	3.16
		15MOD-0683 For Work In Restricted Working Space, Add	3.78	
15094-0411	EA	3" Pipe Saddle, Type 39 (For 1" Insulation)	27.11	3.46
		15MOD-0683 For Work In Restricted Working Space, Add	4.20	
15094-0412	EA	4" Pipe Saddle, Type 39 (For 1" Insulation)	29.81	4.10
		15MOD-0683 For Work In Restricted Working Space, Add	4.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0413 Saddle, Type 39 For 1-1/2" Insulation (15094-0403)		
15094-0414 EA 1-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	18.88	2.20
15MOD-0683 For Work In Restricted Working Space, Add	2.52	
15094-0415 EA 2" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	19.78	2.20
15MOD-0683 For Work In Restricted Working Space, Add	2.52	
15094-0416 EA 2-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	23.14	2.52
15MOD-0683 For Work In Restricted Working Space, Add	2.91	
15094-0417 EA 3" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	23.94	2.84
15MOD-0683 For Work In Restricted Working Space, Add	3.15	
15094-0418 EA 4" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	25.13	2.84
15MOD-0683 For Work In Restricted Working Space, Add	3.44	
15094-0419 EA 6" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	32.14	3.16
15MOD-0683 For Work In Restricted Working Space, Add	3.78	
15094-0420 EA 8" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	38.60	3.46
15MOD-0683 For Work In Restricted Working Space, Add	4.20	
15094-0421 EA 10" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	40.35	4.10
15MOD-0683 For Work In Restricted Working Space, Add	4.73	
15094-0422 EA 12" Pipe Saddle, Type 39 (For 1-1/2" Insulation).....	53.99	4.42
15MOD-0683 For Work In Restricted Working Space, Add	5.40	
15094-0423 Saddle, Type 39 For 2" Insulation (15094-0403)		
15094-0424 EA 2-1/2" Pipe Saddle, Type 39 (For 2" Insulation).....	21.27	2.20
15MOD-0683 For Work In Restricted Working Space, Add	2.52	
15094-0425 EA 3" Pipe Saddle, Type 39 (For 2" Insulation).....	21.88	2.20
15MOD-0683 For Work In Restricted Working Space, Add	2.70	
15094-0426 EA 4" Pipe Saddle, Type 39 (For 2" Insulation).....	24.85	2.52
15MOD-0683 For Work In Restricted Working Space, Add	2.91	
15094-0427 EA 6" Pipe Saddle, Type 39 (For 2" Insulation).....	32.22	2.84
15MOD-0683 For Work In Restricted Working Space, Add	3.15	
15094-0428 EA 8" Pipe Saddle, Type 39 (For 2" Insulation).....	32.90	2.84
15MOD-0683 For Work In Restricted Working Space, Add	3.44	
15094-0429 EA 10" Pipe Saddle, Type 39 (For 2" Insulation).....	39.90	3.16
15MOD-0683 For Work In Restricted Working Space, Add	3.78	
15094-0430 EA 12" Pipe Saddle, Type 39 (For 2" Insulation).....	54.46	3.46
15MOD-0683 For Work In Restricted Working Space, Add	4.20	
15094-0431 Saddle, Type 39 For 2-1/2" Insulation (15094-0403)		
15094-0432 EA 3" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	23.55	2.20
15MOD-0683 For Work In Restricted Working Space, Add	2.52	
15094-0433 EA 4" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	24.16	2.20
15MOD-0683 For Work In Restricted Working Space, Add	2.70	
15094-0434 EA 6" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	31.42	2.52
15MOD-0683 For Work In Restricted Working Space, Add	2.91	
15094-0435 EA 8" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	31.93	2.84
15MOD-0683 For Work In Restricted Working Space, Add	3.15	
15094-0436 EA 10" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	38.77	2.84
15MOD-0683 For Work In Restricted Working Space, Add	3.44	
15094-0437 EA 12" Pipe Saddle, Type 39 (For 2-1/2" Insulation).....	53.05	3.16
15MOD-0683 For Work In Restricted Working Space, Add	3.78	
15094-0438 Adjustable Pipe Saddle Support Type 38 (15094-0396)		
15094-0439 EA 2-1/2" Adjustable Pipe Saddle Support, Type 38.....	166.44	8.43
15094-0440 EA 3" Adjustable Pipe Saddle Support, Type 38.....	171.58	9.78
15094-0441 EA 3-1/2" Adjustable Pipe Saddle Support, Type 38.....	189.69	10.45
15094-0442 EA 4" Adjustable Pipe Saddle Support, Type 38.....	215.96	11.13
15094-0443 EA 5" Adjustable Pipe Saddle Support, Type 38.....	221.88	12.14
15094-0444 EA 6" Adjustable Pipe Saddle Support, Type 38.....	231.44	13.49
15094-0445 EA 8" Adjustable Pipe Saddle Support, Type 38.....	245.04	16.87
15094-0446 EA 10" Adjustable Pipe Saddle Support, Type 38.....	280.99	22.59
15094-0447 EA 12" Adjustable Pipe Saddle Support, Type 38.....	310.33	33.72
15094-0448 Pipe Stanchion Support Type 37 (15094-0396)		
15094-0449 EA 2-1/2" Pipe Stanchion Support, Type 37.....	115.59	8.43
15094-0450 EA 3" Pipe Stanchion Support, Type 37.....	119.80	9.78
15094-0451 EA 3-1/2" Pipe Stanchion Support, Type 37.....	132.31	10.45
15094-0452 EA 4" Pipe Stanchion Support, Type 37.....	150.18	11.13
15094-0453 EA 5" Pipe Stanchion Support, Type 37.....	154.69	12.14
15094-0454 EA 6" Pipe Stanchion Support, Type 37.....	161.92	13.49
15094-0455 EA 8" Pipe Stanchion Support, Type 37.....	173.19	16.87
15094-0456 EA 10" Pipe Stanchion Support, Type 37.....	200.74	22.59
15094-0457 EA 12" Pipe Stanchion Support, Type 37.....	227.75	33.72
15094-0458 Pipe Saddle Support Type 36 (15094-0396)		
15094-0459 EA 2-1/2" Pipe Saddle Support, Type 36.....	110.65	8.43
15094-0460 EA 3" Pipe Saddle Support, Type 36.....	114.77	9.78

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0461 EA 3-1/2" Pipe Saddle Support, Type 36.....	126.74	10.45
15094-0462 EA 4" Pipe Saddle Support, Type 36.....	143.79	11.13
15094-0463 EA 5" Pipe Saddle Support, Type 36.....	148.17	12.14
15094-0464 EA 6" Pipe Saddle Support, Type 36.....	155.18	13.49
15094-0465 EA 8" Pipe Saddle Support, Type 36.....	166.22	16.87
15094-0466 EA 10" Pipe Saddle Support, Type 36.....	192.95	22.59
15094-0467 EA 12" Pipe Saddle Support, Type 36.....	219.74	33.72
15094-0468 Equipment Housekeeping Pads (15094) See CSI section 03311-0098 for Concrete Equipment Pads.		
15094-0469 Molded Plastic Condenser Pad (15094-0468)		
15094-0470 EA 30" Round Molded Plastic Pad.....	57.06	8.43
15094-0471 EA 30" Octagon Molded Plastic Pad.....	59.70	8.43
15094-0472 EA 30" x 30" Molded Plastic Pad.....	57.06	8.43
15094-0473 EA 36" x 36" Molded Plastic Pad.....	72.90	8.43
15094-0474 EA 36" x 48" Molded Plastic Pad.....	102.55	8.43
15094-0475 Inertia Base (15094-0468) Note: Includes spring isolators		
15094-0476 EA Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	629.11	
15094-0477 EA >12 SF To 16 SF Inertia Base, 8" Thick With Spring Base.....	758.14	
15094-0478 EA >16 SF To 20 SF Inertia Base, 8" Thick With Spring Base.....	868.24	
15094-0479 EA >20 SF To 24 SF Inertia Base, 8" Thick With Spring Base.....	990.96	
15094-0480 Hanger Assemblies (15094) Note: Includes hanger, rod, saddle, clamps, insulation inserts, insulation shields, upper attachment, etc. Complete installation includes drilling in wood or metal. Not for use where detail is available.		
15094-0481 EA 1/2" Hanger Assembly For Pipe.....	71.78	28.35
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	14.21	
15094-0482 EA 1" Hanger Assembly For Pipe.....	75.98	28.98
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	14.59	
15094-0483 EA 2" Hanger Assembly For Pipe.....	83.28	30.87
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	15.54	
15094-0484 EA 3" Hanger Assembly For Pipe.....	92.36	38.73
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	17.53	
15094-0485 EA 4" Hanger Assembly For Pipe.....	101.50	41.27
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	18.66	
15094-0486 EA 6" Hanger Assembly For Pipe.....	124.80	46.35
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	21.14	
15094-0487 EA 8" Hanger Assembly For Pipe.....	148.10	51.43
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	23.40	
15094-0488 EA 10" Hanger Assembly For Pipe.....	185.23	62.22
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	28.38	
15094-0489 EA 12" Hanger Assembly For Pipe.....	234.54	69.21
Note: Includes hanger, rod, saddle and clamp.		
15MOD-0038 For Work In Restricted Working Space, Add	31.39	
15094-0490 Steel Shapes For Hanger Devices (15094)		
15094-0491 Angle Iron (15094-0490)		
15094-0492 LF 1/2" x 1/2" x 1/8" Angle Iron.....	1.66	0.98
15094-0493 LF 3/4" x 3/4" x 1/8" Angle Iron.....	2.21	1.22
15094-0494 LF 1" x 1" x 1/8" Angle Iron.....	2.73	1.46
15094-0495 LF 1-1/4" x 1-1/4" x 3/16" Angle Iron.....	3.85	1.83
15094-0496 LF 1-1/2" x 1-1/2" x 3/16" Angle Iron.....	4.32	1.96
15094-0497 LF 2" x 2" x 1/4" Angle Iron.....	6.00	2.20
15094-0498 LF 2-1/2" x 2-1/2" x 1/4" Angle Iron.....	7.49	2.67
15094-0499 LF 3" x 2" x 3/8" Angle Iron.....	11.24	4.19
15094-0500 LF 3" x 3" x 3/8" Angle Iron.....	13.42	4.91
15094-0501 Channels (15094-0490)		
15094-0502 LF C2 X 1.78 - 2" Wide (Channels).....	7.99	5.14
15094-0503 LF C3 X 4.1 - 3" Wide (Channels).....	11.38	7.54
15094-0504 LF C4 X 5.4 - 4" Wide (Channels).....	13.81	9.25
15094-0505 LF C5 X 6.7 - 5" Wide (Channels).....	16.26	10.62
15094-0506 LF C6 X 8.2 - 6" Wide (Channels).....	17.69	11.30
15094-0507 LF C7 X 9.8 - 7" Wide (Channels).....	23.61	15.41
15094-0508 LF C8 X 11.5 - 8" Wide (Channels).....	26.19	16.77



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15094-0509 Structural Bar Tees <small>(15094-0490)</small>		
15094-0510 LF 3/4" x 3/4" x 1/8" Structural Bar Tee	5.75	3.77
15094-0511 LF 1" x 1" x 1/8" Structural Bar Tee	6.92	4.45
15094-0512 LF 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.03	5.14
15094-0513 LF 2" x 2" x 1/4" Structural Bar Tee	12.94	6.85
15094-0514 LF 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	17.83	8.21
15094-0515 LF 3" x 3" x 3/8" Structural Bar Tee	22.35	10.62
15094-0516 Structural Zees <small>(15094-0490)</small>		
15094-0517 LF 1-1/4" x 1-3/4" x 1-3/4" Structural Zee	10.05	5.14
15094-0518 LF 2-1/16" x 3" x 2-1/16" Structural Zee.....	12.20	5.14
15094-0519 LF 3-1/16" x 4" x 3-1/16" Structural Zee.....	17.95	5.14
15094-0520 LF 3-1/4" x 5" x 3-1/4" Structural Zee.....	22.78	5.14
15094-0521 LF 3-1/2" x 6" x 3-1/2" Structural Zee.....	27.88	5.14
15094-0522 Junior I-beams <small>(15094-0490)</small>		
15094-0523 LF 3" I-beam (Junior)	12.39	7.54
15094-0524 LF 4" I-beam (Junior)	14.29	8.21
15094-0525 LF 5" I-beam (Junior)	16.57	8.90
15094-0526 LF 6" I-beam (Junior)	18.12	9.93
15094-0527 LF 7" I-beam (Junior)	21.66	10.62
15094-0528 LF 8" I-beam (Junior)	23.48	11.30

15100 Building Services Valves And Equipment (15000)

15101 Gate Valves (15100)

15101-0001 Gate Valves (15101)

15101-0002 Bronze Gate Valves For Threaded, Brazed Or Soldered Installation (15101-0001)

Note: 125 LB			
15101-0003	EA 1/4" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	30.96	6.74
	15MOD-0126 For 150 LB Rating, Add	1.13	
	15MOD-0127 For 200 LB Rating, Add	1.70	
	15MOD-0128 For 250 LB Rating, Add	2.83	
	15MOD-0129 For 300 LB Rating, Add	3.97	
	15MOD-0147 For Work In Restricted Working Space, Add	5.89	
15101-0004	EA 3/8" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	31.99	6.74
	15MOD-0126 For 150 LB Rating, Add	1.13	
	15MOD-0127 For 200 LB Rating, Add	1.70	
	15MOD-0128 For 250 LB Rating, Add	2.83	
	15MOD-0129 For 300 LB Rating, Add	3.97	
	15MOD-0147 For Work In Restricted Working Space, Add	6.20	
15101-0005	EA 1/2" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	33.08	6.74
	15MOD-0126 For 150 LB Rating, Add	1.13	
	15MOD-0127 For 200 LB Rating, Add	1.70	
	15MOD-0128 For 250 LB Rating, Add	2.83	
	15MOD-0129 For 300 LB Rating, Add	3.97	
	15MOD-0147 For Work In Restricted Working Space, Add	6.53	
15101-0006	EA 3/4" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	42.83	7.42
	15MOD-0126 For 150 LB Rating, Add	1.35	
	15MOD-0127 For 200 LB Rating, Add	2.03	
	15MOD-0128 For 250 LB Rating, Add	3.38	
	15MOD-0129 For 300 LB Rating, Add	4.73	
	15MOD-0147 For Work In Restricted Working Space, Add	8.79	
15101-0007	EA 1" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	55.90	8.43
	15MOD-0126 For 150 LB Rating, Add	2.04	
	15MOD-0127 For 200 LB Rating, Add	3.06	
	15MOD-0128 For 250 LB Rating, Add	5.11	
	15MOD-0129 For 300 LB Rating, Add	7.15	
	15MOD-0147 For Work In Restricted Working Space, Add	10.64	
15101-0008	EA 1-1/4" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered	72.48	8.96
	15MOD-0126 For 150 LB Rating, Add	2.75	
	15MOD-0127 For 200 LB Rating, Add	4.13	
	15MOD-0128 For 250 LB Rating, Add	6.88	
	15MOD-0129 For 300 LB Rating, Add	9.64	
	15MOD-0147 For Work In Restricted Working Space, Add	13.49	
15101-0009	EA 1-1/2" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered	86.55	10.38
	15MOD-0126 For 150 LB Rating, Add	3.47	
	15MOD-0127 For 200 LB Rating, Add	5.20	
	15MOD-0128 For 250 LB Rating, Add	8.67	
	15MOD-0129 For 300 LB Rating, Add	12.14	
	15MOD-0147 For Work In Restricted Working Space, Add	15.56	
15101-0010	EA 2" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	108.69	12.27
	15MOD-0126 For 150 LB Rating, Add	4.74	
	15MOD-0127 For 200 LB Rating, Add	7.11	
	15MOD-0128 For 250 LB Rating, Add	11.85	
	15MOD-0129 For 300 LB Rating, Add	16.59	
	15MOD-0147 For Work In Restricted Working Space, Add	18.39	

15000 Mechanical
15100 Building Services Valves And Equipment
15101 Gate Valves



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15101-0011 EA 2-1/2" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	217.93	16.57
15MOD-0126 For 150 LB Rating, Add	13.52	
15MOD-0127 For 200 LB Rating, Add	20.28	
15MOD-0128 For 250 LB Rating, Add	33.80	
15MOD-0129 For 300 LB Rating, Add	47.31	
15MOD-0130 For Chain Operated Type, Add	60.83	
15MOD-0147 For Work In Restricted Working Space, Add	24.83	
15101-0012 EA 3" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	257.07	19.24
15MOD-0126 For 150 LB Rating, Add	16.16	
15MOD-0127 For 200 LB Rating, Add	24.24	
15MOD-0128 For 250 LB Rating, Add	40.40	
15MOD-0129 For 300 LB Rating, Add	56.56	
15MOD-0130 For Chain Operated Type, Add	72.72	
15MOD-0147 For Work In Restricted Working Space, Add	28.64	
15101-0013 EA 4" Gate Valve, Bronze, Threaded, 125#, Brazed Or Soldered.....	493.58	21.72
15MOD-0126 For 150 LB Rating, Add	38.50	
15MOD-0127 For 200 LB Rating, Add	57.74	
15MOD-0128 For 250 LB Rating, Add	96.24	
15MOD-0129 For 300 LB Rating, Add	134.74	
15MOD-0130 For Chain Operated Type, Add	173.23	
15MOD-0147 For Work In Restricted Working Space, Add	32.59	
15101-0014 Bronze Flanged Valves (15101-0001)		
Note: 150 LB		
15101-0015 EA 1" Gate Valve, Bronze, Flanged, 150#.....	148.14	50.56
15MOD-0131 For 250 LB Rating, Add	12.68	
15MOD-0132 For 300 LB Rating, Add	21.14	
15MOD-0133 For Chain Operated Type, Add	38.04	
15MOD-0147 For Work In Restricted Working Space, Add	19.08	
15101-0016 EA 1-1/4" Gate Valve, Bronze, Flanged, 150#.....	191.17	58.99
15MOD-0131 For 250 LB Rating, Add	17.68	
15MOD-0132 For 300 LB Rating, Add	29.47	
15MOD-0133 For Chain Operated Type, Add	53.05	
15MOD-0147 For Work In Restricted Working Space, Add	21.98	
15101-0017 EA 1-1/2" Gate Valve, Bronze, Flanged, 150#.....	224.54	70.79
15MOD-0131 For 250 LB Rating, Add	20.38	
15MOD-0132 For 300 LB Rating, Add	33.96	
15MOD-0133 For Chain Operated Type, Add	61.13	
15MOD-0147 For Work In Restricted Working Space, Add	26.61	
15101-0018 EA 2" Gate Valve, Bronze, Flanged, 150#.....	333.07	89.86
15MOD-0131 For 250 LB Rating, Add	33.11	
15MOD-0132 For 300 LB Rating, Add	55.18	
15MOD-0133 For Chain Operated Type, Add	99.32	
15MOD-0147 For Work In Restricted Working Space, Add	33.71	
15101-0019 EA 2-1/2" Gate Valve, Bronze, Flanged, 150#.....	403.69	89.99
15MOD-0131 For 250 LB Rating, Add	43.63	
15MOD-0132 For 300 LB Rating, Add	72.71	
15MOD-0133 For Chain Operated Type, Add	130.88	
15MOD-0147 For Work In Restricted Working Space, Add	33.85	
15101-0020 EA 3" Gate Valve, Bronze, Flanged, 150#.....	484.15	105.51
15MOD-0131 For 250 LB Rating, Add	52.82	
15MOD-0132 For 300 LB Rating, Add	88.03	
15MOD-0133 For Chain Operated Type, Add	158.45	
15MOD-0147 For Work In Restricted Working Space, Add	39.62	
15101-0021 Iron Body, Bronze Trim, Threaded Valves, 125 LB (15101-0001)		
15101-0022 EA 1-1/2" Gate Valve, Iron Body, Threaded, 125# Bronze Trim.....	81.47	10.38
15MOD-0134 For 150 LB Rating, Add	5.92	
15MOD-0135 For 250 LB Rating, Add	10.36	
15MOD-0136 For Chain Operated Type, Add	10.36	
15MOD-0147 For Work In Restricted Working Space, Add	15.56	
15101-0023 EA 2" Gate Valve, Iron Body, Threaded, 125# Bronze Trim.....	174.35	12.27
15MOD-0134 For 150 LB Rating, Add	22.61	
15MOD-0135 For 250 LB Rating, Add	39.57	
15MOD-0136 For Chain Operated Type, Add	39.57	
15MOD-0147 For Work In Restricted Working Space, Add	18.39	
15101-0024 EA 2-1/2" Gate Valve, Iron Body, Threaded, 125# Bronze Trim.....	252.79	16.57
15MOD-0134 For 150 LB Rating, Add	34.01	
15MOD-0135 For 250 LB Rating, Add	59.51	
15MOD-0136 For Chain Operated Type, Add	59.51	
15MOD-0147 For Work In Restricted Working Space, Add	24.83	
15101-0025 EA 3" Gate Valve, Iron Body, Threaded, 125# Bronze Trim.....	318.58	19.24
15MOD-0134 For 150 LB Rating, Add	44.62	
15MOD-0135 For 250 LB Rating, Add	78.09	
15MOD-0136 For Chain Operated Type, Add	78.09	
15MOD-0147 For Work In Restricted Working Space, Add	28.64	
15101-0026 EA 4" Gate Valve, Iron Body, Threaded, 125# Bronze Trim.....	709.19	21.72
15MOD-0134 For 150 LB Rating, Add	120.11	
15MOD-0135 For 250 LB Rating, Add	210.20	
15MOD-0136 For Chain Operated Type, Add	210.20	
15MOD-0147 For Work In Restricted Working Space, Add	32.59	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15101-0027	Iron Body, Bronze Trim, Flanged, 125 LB <small>(15101-0001)</small>		
	Note: Non-rising stem		
15101-0028	EA 1-1/2" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	230.75	70.79
	15MOD-0137 For 150 LB Rating, Add	41.19	
	15MOD-0138 For 250 LB Rating, Add	71.03	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	186.40	
	15MOD-0140 For Chain Operated Type, Add	71.03	
	15MOD-0147 For Work In Restricted Working Space, Add	26.61	
15101-0029	EA 2" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	260.91	89.86
	15MOD-0137 For 150 LB Rating, Add	43.08	
	15MOD-0138 For 250 LB Rating, Add	74.28	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	204.74	
	15MOD-0140 For Chain Operated Type, Add	74.28	
	15MOD-0147 For Work In Restricted Working Space, Add	33.71	
15101-0030	EA 2-1/2" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	291.09	89.99
	15MOD-0137 For 150 LB Rating, Add	51.69	
	15MOD-0138 For 250 LB Rating, Add	89.13	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	234.67	
	15MOD-0140 For Chain Operated Type, Add	89.13	
	15MOD-0147 For Work In Restricted Working Space, Add	33.85	
15101-0031	EA 3" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	354.85	105.51
	15MOD-0137 For 150 LB Rating, Add	64.61	
	15MOD-0138 For 250 LB Rating, Add	111.40	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	288.83	
	15MOD-0140 For Chain Operated Type, Add	111.40	
	15MOD-0147 For Work In Restricted Working Space, Add	39.62	
15101-0032	EA 4" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	518.74	176.89
	15MOD-0137 For 150 LB Rating, Add	86.15	
	15MOD-0138 For 250 LB Rating, Add	148.54	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	407.91	
	15MOD-0140 For Chain Operated Type, Add	148.54	
	15MOD-0147 For Work In Restricted Working Space, Add	66.50	
15101-0033	EA 5" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	669.89	226.17
	15MOD-0137 For 150 LB Rating, Add	111.99	
	15MOD-0138 For 250 LB Rating, Add	193.08	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	528.03	
	15MOD-0140 For Chain Operated Type, Add	193.08	
	15MOD-0147 For Work In Restricted Working Space, Add	85.12	
15101-0034	EA 6" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	789.36	251.31
	15MOD-0137 For 150 LB Rating, Add	137.82	
	15MOD-0138 For 250 LB Rating, Add	237.62	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	632.30	
	15MOD-0140 For Chain Operated Type, Add	237.62	
	15MOD-0147 For Work In Restricted Working Space, Add	94.24	
15101-0035	EA 8" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	1,146.22	289.00
	15MOD-0137 For 150 LB Rating, Add	228.29	
	15MOD-0138 For 250 LB Rating, Add	393.61	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	966.72	
	15MOD-0140 For Chain Operated Type, Add	393.61	
	15MOD-0147 For Work In Restricted Working Space, Add	107.70	
15101-0036	EA 10" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	1,479.43	351.83
	15MOD-0137 For 150 LB Rating, Add	301.50	
	15MOD-0138 For 250 LB Rating, Add	519.83	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	1,259.54	
	15MOD-0140 For Chain Operated Type, Add	519.83	
	15MOD-0147 For Work In Restricted Working Space, Add	131.93	
15101-0037	EA 12" Gate Valve, Iron Body, Flanged, 125# Bronze Trim, With Non-Rising Stem.....	2,018.36	427.22
	15MOD-0137 For 150 LB Rating, Add	430.73	
	15MOD-0138 For 250 LB Rating, Add	742.65	
	15MOD-0139 For 300 LB Rating, ASTM A182, Add	1,751.83	
	15MOD-0140 For Chain Operated Type, Add	742.65	
	15MOD-0147 For Work In Restricted Working Space, Add	159.92	
15101-0038	Iron Body, Outside Stem And Yoke, Threaded Valves, 125 LB, Bronze Trim <small>(15101-0001)</small>		
15101-0039	EA 1-1/2" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#.....	215.87	10.38
	15MOD-0141 For 175 LB Rating, Add	82.01	
	15MOD-0142 For 250 LB Rating, Add	123.01	
	15MOD-0147 For Work In Restricted Working Space, Add	15.56	
15101-0040	EA 2" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#.....	273.31	12.27
	15MOD-0141 For 175 LB Rating, Add	106.01	
	15MOD-0142 For 250 LB Rating, Add	159.02	
	15MOD-0147 For Work In Restricted Working Space, Add	18.39	
15101-0041	EA 2-1/2" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#.....	321.83	16.57
	15MOD-0141 For 175 LB Rating, Add	119.54	
	15MOD-0142 For 250 LB Rating, Add	179.31	
	15MOD-0147 For Work In Restricted Working Space, Add	24.83	
15101-0042	EA 3" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#.....	359.28	19.24
	15MOD-0141 For 175 LB Rating, Add	131.90	
	15MOD-0142 For 250 LB Rating, Add	197.85	
	15MOD-0147 For Work In Restricted Working Space, Add	28.64	
15101-0043	EA 4" Gate Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#.....	472.90	21.72
	15MOD-0141 For 175 LB Rating, Add	182.14	
	15MOD-0142 For 250 LB Rating, Add	273.21	
	15MOD-0147 For Work In Restricted Working Space, Add	32.59	

15000 Mechanical**15100 Building Services Valves And Equipment****15101 Gate Valves**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15101-0044 Iron Body, Outside Stem And Yoke, Flanged Valves, 125 LB, Bronze Trim <small>(15101-0001)</small>				
15101-0045	EA	1-1/2" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	293.48	70.79
	15MOD-0143	For 150 LB Rating, Add	30.72	
	15MOD-0144	For 175 LB Rating, Add	63.48	
	15MOD-0145	For 250 LB Rating, Add	133.11	
	15MOD-0146	For Chain Operated Type, Add	102.39	
	15MOD-0147	For Work In Restricted Working Space, Add	26.61	
15101-0046	EA	2" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	323.21	89.86
	15MOD-0143	For 150 LB Rating, Add	31.63	
	15MOD-0144	For 175 LB Rating, Add	65.37	
	15MOD-0145	For 250 LB Rating, Add	137.06	
	15MOD-0146	For Chain Operated Type, Add	105.43	
	15MOD-0147	For Work In Restricted Working Space, Add	33.71	
15101-0047	EA	2-1/2" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	330.58	89.99
	15MOD-0143	For 150 LB Rating, Add	32.66	
	15MOD-0144	For 175 LB Rating, Add	67.50	
	15MOD-0145	For 250 LB Rating, Add	141.53	
	15MOD-0146	For Chain Operated Type, Add	108.87	
	15MOD-0147	For Work In Restricted Working Space, Add	33.85	
15101-0048	EA	3" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	371.62	105.51
	15MOD-0143	For 150 LB Rating, Add	35.94	
	15MOD-0144	For 175 LB Rating, Add	74.27	
	15MOD-0145	For 250 LB Rating, Add	155.72	
	15MOD-0146	For Chain Operated Type, Add	119.79	
	15MOD-0147	For Work In Restricted Working Space, Add	39.62	
15101-0049	EA	4" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	512.20	176.89
	15MOD-0143	For 150 LB Rating, Add	43.58	
	15MOD-0144	For 175 LB Rating, Add	90.07	
	15MOD-0145	For 250 LB Rating, Add	188.85	
	15MOD-0146	For Chain Operated Type, Add	145.27	
	15MOD-0147	For Work In Restricted Working Space, Add	66.50	
15101-0050	EA	5" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	689.10	226.17
	15MOD-0143	For 150 LB Rating, Add	60.81	
	15MOD-0144	For 175 LB Rating, Add	125.66	
	15MOD-0145	For 250 LB Rating, Add	263.49	
	15MOD-0146	For Chain Operated Type, Add	202.69	
	15MOD-0147	For Work In Restricted Working Space, Add	85.12	
15101-0051	EA	6" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	777.07	251.31
	15MOD-0143	For 150 LB Rating, Add	69.44	
	15MOD-0144	For 175 LB Rating, Add	143.51	
	15MOD-0145	For 250 LB Rating, Add	300.91	
	15MOD-0146	For Chain Operated Type, Add	231.47	
	15MOD-0147	For Work In Restricted Working Space, Add	94.24	
15101-0052	EA	8" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	1,141.96	289.00
	15MOD-0143	For 150 LB Rating, Add	117.44	
	15MOD-0144	For 175 LB Rating, Add	242.72	
	15MOD-0145	For 250 LB Rating, Add	508.92	
	15MOD-0146	For Chain Operated Type, Add	391.48	
	15MOD-0147	For Work In Restricted Working Space, Add	107.70	
15101-0053	EA	10" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	1,644.76	351.83
	15MOD-0143	For 150 LB Rating, Add	180.75	
	15MOD-0144	For 175 LB Rating, Add	373.54	
	15MOD-0145	For 250 LB Rating, Add	783.24	
	15MOD-0146	For Chain Operated Type, Add	602.49	
	15MOD-0147	For Work In Restricted Working Space, Add	131.93	
15101-0054	EA	12" Gate Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	2,060.28	427.22
	15MOD-0143	For 150 LB Rating, Add	229.08	
	15MOD-0144	For 175 LB Rating, Add	473.44	
	15MOD-0145	For 250 LB Rating, Add	992.69	
	15MOD-0146	For Chain Operated Type, Add	763.61	
	15MOD-0147	For Work In Restricted Working Space, Add	159.92	
15101-0055 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Outside Stem And Yoke <small>(15101-0001)</small>				
Note: 800 PSIG at 850 degrees F				
15101-0056	EA	1/4" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	66.63	10.86
	15MOD-0147	For Work In Restricted Working Space, Add	5.89	
15101-0057	EA	1/2" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	68.75	10.86
	15MOD-0147	For Work In Restricted Working Space, Add	6.53	
15101-0058	EA	3/4" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	82.62	14.63
	15MOD-0147	For Work In Restricted Working Space, Add	8.79	
15101-0059	EA	1" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	100.25	17.73
	15MOD-0147	For Work In Restricted Working Space, Add	10.64	
15101-0060	EA	1-1/4" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	149.46	22.45
	15MOD-0147	For Work In Restricted Working Space, Add	13.49	
15101-0061	EA	1-1/2" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	176.25	25.95
	15MOD-0147	For Work In Restricted Working Space, Add	15.56	
15101-0062	EA	2" Gate Valve, Forged Steel, Screwed, Outside Stem And Yoke	220.07	30.67
	15MOD-0147	For Work In Restricted Working Space, Add	18.39	

15102 Flap Valves (15100)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15102-0001 Cast Iron Body Flap Valves, Flanged ⁽¹⁵¹⁰²⁾		
15102-0002 EA 4" Flap And Flush Valve, Cast Iron, Flanged.....	487.82	176.89
15102-0003 EA 6" Flap And Flush Valve, Cast Iron, Flanged.....	609.88	251.31
15102-0004 EA 8" Flap And Flush Valve, Cast Iron, Flanged.....	806.17	289.00
15102-0005 EA 10" Flap And Flush Valve, Cast Iron, Flanged.....	1,048.26	351.83
15102-0006 EA 12" Flap And Flush Valve, Cast Iron, Flanged.....	1,232.77	427.22
15102-0007 Mud Valves, (Drain Plug Valves) ⁽¹⁵¹⁰²⁾		
Note: For settling basins, waterworks, sewage treatment plants where sedimentateous material must be flushed from system.		
15102-0008 EA 4" Diameter Mud Valve, Flanged, Non-Rising ANSI Type 304 SS Extension Stem.....	791.93	176.89
15102-0009 EA 8" Diameter Mud Valve, Flanged, Non-Rising ANSI Type 304 SS Extension Stem.....	1,213.37	289.00
15102-0010 EA 10" Diameter Mud Valve, Flanged, Non-Rising ANSI Type 304 SS Extension Stem.....	1,670.86	351.83
15102-0011 EA 12" Diameter Mud Valve, Flanged, Non-Rising ANSI Type 304 SS Extension Stem.....	2,056.52	427.22
15103 Butterfly Valves ⁽¹⁵¹⁰⁰⁾		
15103-0001 Cast Iron Body, Iron Disc ⁽¹⁵¹⁰³⁾		
Note: With on-off handle, 150 PSI wafer type		
15103-0002 EA 2" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	186.34	89.86
15MOD-0148 For 200 PSI, Add	35.52	
15MOD-0149 For Work In Restricted Working Space, Add	33.71	
15103-0003 EA 2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	191.14	89.99
15MOD-0148 For 200 PSI, Add	37.58	
15MOD-0149 For Work In Restricted Working Space, Add	33.85	
15103-0004 EA 3" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	216.37	105.51
15MOD-0148 For 200 PSI, Add	40.47	
15MOD-0149 For Work In Restricted Working Space, Add	39.62	
15103-0005 EA 4" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	327.49	176.89
15MOD-0148 For 200 PSI, Add	50.80	
15MOD-0149 For Work In Restricted Working Space, Add	66.50	
15103-0006 EA 5" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	434.30	226.17
15MOD-0148 For 200 PSI, Add	72.27	
15MOD-0149 For Work In Restricted Working Space, Add	85.12	
15103-0007 EA 6" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	498.26	251.31
15MOD-0148 For 200 PSI, Add	88.38	
15MOD-0149 For Work In Restricted Working Space, Add	94.24	
15103-0008 EA 8" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	636.05	289.00
15MOD-0148 For 200 PSI, Add	132.98	
15MOD-0149 For Work In Restricted Working Space, Add	107.70	
15103-0009 EA 10" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	976.67	351.83
15MOD-0148 For 200 PSI, Add	257.71	
15MOD-0149 For Work In Restricted Working Space, Add	131.93	
15103-0010 EA 12" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type.....	1,217.09	427.22
15MOD-0148 For 200 PSI, Add	328.33	
15MOD-0149 For Work In Restricted Working Space, Add	159.92	
15103-0011 Cast Iron Body, Bronze Disc, Gear Operated, 200# ⁽¹⁵¹⁰³⁾		
15103-0012 EA 2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	315.40	89.86
15MOD-0149 For Work In Restricted Working Space, Add	33.71	
15103-0013 EA 2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	317.62	89.99
15MOD-0149 For Work In Restricted Working Space, Add	33.85	
15103-0014 EA 3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	347.15	105.51
15MOD-0149 For Work In Restricted Working Space, Add	39.62	
15103-0015 EA 4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	464.29	176.89
15MOD-0149 For Work In Restricted Working Space, Add	66.50	
15103-0016 EA 5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	585.73	226.17
15MOD-0149 For Work In Restricted Working Space, Add	85.12	
15103-0017 EA 6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	648.78	251.31
15MOD-0149 For Work In Restricted Working Space, Add	94.24	
15103-0018 EA 8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	792.64	289.00
15MOD-0149 For Work In Restricted Working Space, Add	107.70	
15103-0019 EA 10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	999.90	351.83
15MOD-0149 For Work In Restricted Working Space, Add	131.93	
15103-0020 EA 12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,347.01	427.22
15MOD-0149 For Work In Restricted Working Space, Add	159.92	
15104 Ball Valves ⁽¹⁵¹⁰⁰⁾		
15104-0001 Ball Valves ⁽¹⁵¹⁰⁴⁾		
See CSI section 15106-0000 for refrigeration valves.		
15104-0002 Threaded Or Sweated Ball Valve, Brass Body, 125 LB, Carbon Steel Trim ⁽¹⁵¹⁰⁴⁻⁰⁰⁰¹⁾		
Note: Regular port		
15104-0003 EA 1/2" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port.....	26.75	6.74
15MOD-0150 For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
15MOD-0151 For Full Port, Add	2.25	
15MOD-0154 For Work In Restricted Working Space, Add	6.53	

15000 Mechanical
15100 Building Services Valves And Equipment
15104 Ball Valves



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15104-0004	EA	3/4" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	37.00	7.42
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	3.46	
	15MOD-0154	For Work In Restricted Working Space, Add	8.79	
15104-0005	EA	1" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	45.85	8.43
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	4.67	
	15MOD-0154	For Work In Restricted Working Space, Add	10.64	
15104-0006	EA	1-1/4" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	62.37	8.96
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	7.84	
	15MOD-0154	For Work In Restricted Working Space, Add	13.49	
15104-0007	EA	1-1/2" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	74.11	10.38
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	10.01	
	15MOD-0154	For Work In Restricted Working Space, Add	15.56	
15104-0008	EA	2" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	89.16	12.27
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	12.54	
	15MOD-0154	For Work In Restricted Working Space, Add	18.39	
15104-0009	EA	2-1/2" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	214.27	16.57
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	59.18	
	15MOD-0154	For Work In Restricted Working Space, Add	24.83	
15104-0010	EA	3" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	247.23	19.24
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	68.29	
	15MOD-0154	For Work In Restricted Working Space, Add	28.64	
15104-0011	EA	4" Ball Valve, Brass Body, Threaded Or Sweated, 125#, Regular Port	315.51	21.72
	15MOD-0150	For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
	15MOD-0151	For Full Port, Add	93.10	
	15MOD-0154	For Work In Restricted Working Space, Add	32.59	
15104-0012		Flanged Ball Valves, Carbon Steel Body, 150 LB, Full Port (15104-0001)		
15104-0013	EA	4" Ball Valve, Flanged, 150#, Carbon Steel Trim	762.21	176.89
	15MOD-0154	For Work In Restricted Working Space, Add	66.50	
15104-0014	EA	6" Ball Valve, Flanged, 150#, Carbon Steel Trim	1,309.37	251.31
	15MOD-0154	For Work In Restricted Working Space, Add	94.24	
15104-0015	EA	8" Ball Valve, Flanged, 150#, Carbon Steel Trim	2,701.58	289.00
	15MOD-0154	For Work In Restricted Working Space, Add	107.70	
15104-0016		Socket Weld End Connections Ball Valves, PVC Body, 150 LB (15104-0001)		
15104-0017	EA	1/2" Ball Valve, PVC, Socket Weld, 150#	24.46	6.74
	15MOD-0152	For True Union Socket Or Thread Type, Add	2.23	
	15MOD-0154	For Work In Restricted Working Space, Add	6.53	
15104-0018	EA	3/4" Ball Valve, PVC, Socket Weld, 150#	32.43	7.42
	15MOD-0152	For True Union Socket Or Thread Type, Add	2.79	
	15MOD-0154	For Work In Restricted Working Space, Add	8.79	
15104-0019	EA	1" Ball Valve, PVC, Socket Weld, 150#	39.83	8.43
	15MOD-0152	For True Union Socket Or Thread Type, Add	3.60	
	15MOD-0154	For Work In Restricted Working Space, Add	10.64	
15104-0020	EA	1-1/4" Ball Valve, PVC, Socket Weld, 150#	50.66	8.96
	15MOD-0152	For True Union Socket Or Thread Type, Add	4.64	
	15MOD-0154	For Work In Restricted Working Space, Add	13.49	
15104-0021	EA	1-1/2" Ball Valve, PVC, Socket Weld, 150#	61.80	10.38
	15MOD-0152	For True Union Socket Or Thread Type, Add	6.70	
	15MOD-0154	For Work In Restricted Working Space, Add	15.56	
15104-0022	EA	2" Ball Valve, PVC, Socket Weld, 150#	73.96	12.27
	15MOD-0152	For True Union Socket Or Thread Type, Add	8.29	
	15MOD-0154	For Work In Restricted Working Space, Add	18.39	
15104-0023	EA	2-1/2" Ball Valve, PVC, Socket Weld, 150#	110.01	16.57
	15MOD-0152	For True Union Socket Or Thread Type, Add	15.25	
	15MOD-0154	For Work In Restricted Working Space, Add	24.83	
15104-0024	EA	3" Ball Valve, PVC, Socket Weld, 150#	141.83	19.24
	15MOD-0152	For True Union Socket Or Thread Type, Add	23.55	
	15MOD-0154	For Work In Restricted Working Space, Add	28.64	
15104-0025	EA	4" Ball Valve, PVC, Socket Weld, 150#	197.25	21.72
	15MOD-0152	For True Union Socket Or Thread Type, Add	41.15	
	15MOD-0154	For Work In Restricted Working Space, Add	32.59	
15104-0026		Threaded Ball Valves, Carbon Steel Body, 150 LB, Full Port (15104-0001)		
15104-0027	EA	1/4" Ball Valve, Carbon Steel Body, Screwed	29.19	6.74
	15MOD-0154	For Work In Restricted Working Space, Add	5.89	
15104-0028	EA	1/2" Ball Valve, Carbon Steel Body, Screwed	32.13	6.74
	15MOD-0154	For Work In Restricted Working Space, Add	6.53	
15104-0029	EA	3/4" Ball Valve, Carbon Steel Body, Screwed	44.33	7.42
	15MOD-0154	For Work In Restricted Working Space, Add	8.79	
15104-0030	EA	1" Ball Valve, Carbon Steel Body, Screwed	55.67	8.43
	15MOD-0154	For Work In Restricted Working Space, Add	10.64	
15104-0031	EA	1-1/4" Ball Valve, Carbon Steel Body, Screwed	79.46	8.96
	15MOD-0154	For Work In Restricted Working Space, Add	13.49	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15104-0032	EA 1-1/2" Ball Valve, Carbon Steel Body, Screwed 15MOD-0154 For Work In Restricted Working Space, Add	95.58 15.56	10.38
15104-0033	EA 2" Ball Valve, Carbon Steel Body, Screwed..... 15MOD-0154 For Work In Restricted Working Space, Add	163.52 18.39	12.27
15104-0034	Threaded Or Sweated Ball Valve, Brass Body, 125 LB, 3-Way, Carbon Steel		
	Trim <small>(15104-0001)</small>		
	Note: Regular port		
15104-0035	EA 1/4" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	44.48 6.76 8.84	10.11
15104-0036	EA 3/8" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	46.03 6.76 9.30	10.11
15104-0037	EA 1/2" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	47.66 6.76 9.79	10.11
15104-0038	EA 3/4" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	59.91 7.17 13.19	11.12
15104-0039	EA 1" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	76.83 10.62 15.97	12.64
15104-0040	EA 1-1/4" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	99.73 14.54 20.23	13.45
15104-0041	EA 1-1/2" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	120.75 19.33 23.34	15.58
15104-0042	EA 2" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	161.85 31.46 27.58	18.40
15104-0043	EA 2-1/2" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	293.80 76.35 37.24	24.86
15104-0044	EA 3" 3-Way Ball Valve, Brass Body, Threaded, 125#, Regular Port..... 15MOD-0153 For Full Port, Add 15MOD-0154 For Work In Restricted Working Space, Add	412.66 121.24 42.97	28.86
15105	Globe Valves <small>(15100)</small>		
	Note: Combination shut-off and balancing		
15105-0001	Globe Valves <small>(15105)</small>		
15105-0002	Bronze Threaded, Brazed Or Soldered Installation, 125 LB <small>(15105-0001)</small>		
15105-0003	EA 1/8" Globe Valve, Bronze, Threaded Or Soldered, 125# 15MOD-0155 For 150 LB Rating, Add 15MOD-0156 For 200 LB Rating, Add 15MOD-0157 For 250 LB Rating, Add 15MOD-0158 For 300 LB Rating, Add 15MOD-0169 For Work In Restricted Working Space, Add	34.64 4.00 4.90 5.80 7.09 6.53	6.74
15105-0004	EA 1/4" Globe Valve, Bronze, Threaded Or Soldered, 125# 15MOD-0155 For 150 LB Rating, Add 15MOD-0156 For 200 LB Rating, Add 15MOD-0157 For 250 LB Rating, Add 15MOD-0158 For 300 LB Rating, Add 15MOD-0169 For Work In Restricted Working Space, Add	32.52 4.00 4.90 5.80 7.09 5.89	6.74
15105-0005	EA 3/8" Globe Valve, Bronze, Threaded Or Soldered, 125# 15MOD-0155 For 150 LB Rating, Add 15MOD-0156 For 200 LB Rating, Add 15MOD-0157 For 250 LB Rating, Add 15MOD-0158 For 300 LB Rating, Add 15MOD-0169 For Work In Restricted Working Space, Add	39.91 5.97 7.32 8.66 10.59 6.20	6.74
15105-0006	EA 1/2" Globe Valve, Bronze, Threaded Or Soldered, 125# 15MOD-0155 For 150 LB Rating, Add 15MOD-0156 For 200 LB Rating, Add 15MOD-0157 For 250 LB Rating, Add 15MOD-0158 For 300 LB Rating, Add 15MOD-0159 For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add 15MOD-0169 For Work In Restricted Working Space, Add	41.00 5.97 7.32 8.66 10.59 29.88 6.53	6.74
15105-0007	EA 3/4" Globe Valve, Bronze, Threaded Or Soldered, 125# 15MOD-0155 For 150 LB Rating, Add 15MOD-0156 For 200 LB Rating, Add 15MOD-0157 For 250 LB Rating, Add 15MOD-0158 For 300 LB Rating, Add 15MOD-0159 For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add 15MOD-0169 For Work In Restricted Working Space, Add	50.17 6.47 7.93 9.39 11.47 34.67 8.79	7.08

15000 Mechanical
15100 Building Services Valves And Equipment
15105 Globe Valves



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15105-0008 EA 1" Globe Valve, Bronze, Threaded Or Soldered, 125#	63.68	7.08
15MOD-0155 For 150 LB Rating, Add	8.74	
15MOD-0156 For 200 LB Rating, Add	10.72	
15MOD-0157 For 250 LB Rating, Add	12.69	
15MOD-0158 For 300 LB Rating, Add	15.51	
15MOD-0159 For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	45.21	
15MOD-0169 For Work In Restricted Working Space, Add	10.64	
15105-0009 EA 1-1/4" Globe Valve, Bronze, Threaded Or Soldered, 125#	93.65	8.96
15MOD-0155 For 150 LB Rating, Add	15.10	
15MOD-0156 For 200 LB Rating, Add	18.51	
15MOD-0157 For 250 LB Rating, Add	21.92	
15MOD-0158 For 300 LB Rating, Add	26.79	
15MOD-0159 For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	71.55	
15MOD-0169 For Work In Restricted Working Space, Add	13.49	
15105-0010 EA 1-1/2" Globe Valve, Bronze, Threaded Or Soldered, 125#	121.47	10.38
15MOD-0155 For 150 LB Rating, Add	21.58	
15MOD-0156 For 200 LB Rating, Add	26.45	
15MOD-0157 For 250 LB Rating, Add	31.32	
15MOD-0158 For 300 LB Rating, Add	38.29	
15MOD-0159 For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	97.32	
15MOD-0169 For Work In Restricted Working Space, Add	15.56	
15105-0011 EA 2" Globe Valve, Bronze, Threaded Or Soldered, 125#	143.12	12.27
15MOD-0155 For 150 LB Rating, Add	25.37	
15MOD-0156 For 200 LB Rating, Add	31.10	
15MOD-0157 For 250 LB Rating, Add	36.82	
15MOD-0158 For 300 LB Rating, Add	45.01	
15MOD-0159 For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	114.53	
15MOD-0169 For Work In Restricted Working Space, Add	18.39	
15105-0012 EA 2-1/2" Globe Valve, Bronze, Threaded Or Soldered, 125#	165.25	16.57
15MOD-0155 For 150 LB Rating, Add	25.58	
15MOD-0156 For 200 LB Rating, Add	31.35	
15MOD-0157 For 250 LB Rating, Add	37.13	
15MOD-0158 For 300 LB Rating, Add	45.38	
15MOD-0169 For Work In Restricted Working Space, Add	24.83	
15105-0013 EA 3" Globe Valve, Bronze, Threaded Or Soldered, 125#	280.31	19.24
15MOD-0155 For 150 LB Rating, Add	57.30	
15MOD-0156 For 200 LB Rating, Add	70.24	
15MOD-0157 For 250 LB Rating, Add	83.17	
15MOD-0158 For 300 LB Rating, Add	101.66	
15MOD-0169 For Work In Restricted Working Space, Add	28.64	
15105-0014 Iron Body, Threaded Valve Outside Stem And Yoke, 125 LB <small>(15105-0001)</small>		
15105-0015 EA 2" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#	205.06	12.27
15MOD-0155 For 150 LB Rating, Add	44.57	
15MOD-0156 For 200 LB Rating, Add	54.63	
15MOD-0157 For 250 LB Rating, Add	64.70	
15MOD-0158 For 300 LB Rating, Add	79.07	
15MOD-0160 For Chain Operated Type, Add	120.05	
15MOD-0169 For Work In Restricted Working Space, Add	18.39	
15105-0016 EA 2-1/2" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#	257.01	16.57
15MOD-0155 For 150 LB Rating, Add	54.02	
15MOD-0156 For 200 LB Rating, Add	66.22	
15MOD-0157 For 250 LB Rating, Add	78.42	
15MOD-0158 For 300 LB Rating, Add	95.84	
15MOD-0160 For Chain Operated Type, Add	145.51	
15MOD-0169 For Work In Restricted Working Space, Add	24.83	
15105-0017 EA 3" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#	304.59	19.24
15MOD-0155 For 150 LB Rating, Add	64.82	
15MOD-0156 For 200 LB Rating, Add	79.46	
15MOD-0157 For 250 LB Rating, Add	94.10	
15MOD-0158 For 300 LB Rating, Add	115.01	
15MOD-0160 For Chain Operated Type, Add	174.61	
15MOD-0169 For Work In Restricted Working Space, Add	28.64	
15105-0018 EA 4" Globe Valve, Iron Body, Threaded, Outside Stem And Yoke, 125#	387.41	21.72
15MOD-0155 For 150 LB Rating, Add	86.43	
15MOD-0156 For 200 LB Rating, Add	105.95	
15MOD-0157 For 250 LB Rating, Add	125.47	
15MOD-0158 For 300 LB Rating, Add	153.35	
15MOD-0160 For Chain Operated Type, Add	232.81	
15MOD-0169 For Work In Restricted Working Space, Add	32.58	
15105-0019 Iron Body, Flanged Valves Outside Stem And Yoke, 125 LB <small>(15105-0001)</small>		
15105-0020 EA 2" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	234.05	89.86
15MOD-0161 For 150 LB Rating, Add	37.73	
15MOD-0162 For 250 LB Rating, Add	54.77	
15MOD-0163 For Chain Operated Type, Add	60.85	
15MOD-0169 For Work In Restricted Working Space, Add	33.71	
15105-0021 EA 2-1/2" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#	261.19	89.99
15MOD-0161 For 150 LB Rating, Add	45.99	
15MOD-0162 For 250 LB Rating, Add	66.76	
15MOD-0163 For Chain Operated Type, Add	74.18	
15MOD-0169 For Work In Restricted Working Space, Add	33.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15105-0022	EA 3" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	310.08	105.51
	15MOD-0161 For 150 LB Rating, Add	55.19	
	15MOD-0162 For 250 LB Rating, Add	80.11	
	15MOD-0163 For Chain Operated Type, Add	89.02	
	15MOD-0169 For Work In Restricted Working Space, Add	39.62	
15105-0023	EA 4" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	431.33	176.89
	15MOD-0161 For 150 LB Rating, Add	73.58	
	15MOD-0162 For 250 LB Rating, Add	106.82	
	15MOD-0163 For Chain Operated Type, Add	118.69	
	15MOD-0169 For Work In Restricted Working Space, Add	58.19	
15105-0024	EA 5" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	613.82	226.17
	15MOD-0161 For 150 LB Rating, Add	102.33	
	15MOD-0162 For 250 LB Rating, Add	148.54	
	15MOD-0163 For Chain Operated Type, Add	165.05	
	15MOD-0169 For Work In Restricted Working Space, Add	85.12	
15105-0025	EA 6" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	731.38	251.31
	15MOD-0161 For 150 LB Rating, Add	129.35	
	15MOD-0162 For 250 LB Rating, Add	187.76	
	15MOD-0163 For Chain Operated Type, Add	208.63	
	15MOD-0169 For Work In Restricted Working Space, Add	94.24	
15105-0026	EA 8" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	1,000.63	289.00
	15MOD-0161 For 150 LB Rating, Add	198.91	
	15MOD-0162 For 250 LB Rating, Add	288.73	
	15MOD-0163 For Chain Operated Type, Add	320.82	
	15MOD-0169 For Work In Restricted Working Space, Add	107.70	
15105-0027	EA 10" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	1,417.06	351.83
	15MOD-0161 For 150 LB Rating, Add	302.96	
	15MOD-0162 For 250 LB Rating, Add	439.78	
	15MOD-0163 For Chain Operated Type, Add	488.64	
	15MOD-0169 For Work In Restricted Working Space, Add	131.93	
15105-0028	EA 12" Globe Valve, Iron Body, Flanged, Outside Stem And Yoke, 125#.....	2,382.35	427.22
	15MOD-0161 For 150 LB Rating, Add	573.28	
	15MOD-0162 For 250 LB Rating, Add	832.18	
	15MOD-0163 For Chain Operated Type, Add	924.64	
	15MOD-0169 For Work In Restricted Working Space, Add	159.92	
15105-0029	Bronze Angle Valve, Threaded, Brazed Or Soldered Connection <small>(15105-0001)</small>		
	Note: 125 LB		
15105-0030	EA 1/8" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	31.52	6.74
	15MOD-0164 For 150 LB Rating, Add	3.03	
	15MOD-0165 For 200 LB Rating, Add	3.71	
	15MOD-0166 For 300 LB Rating, Add	5.37	
	15MOD-0169 For Work In Restricted Working Space, Add	6.53	
15105-0031	EA 1/4" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	29.40	6.74
	15MOD-0164 For 150 LB Rating, Add	3.03	
	15MOD-0165 For 200 LB Rating, Add	3.71	
	15MOD-0166 For 300 LB Rating, Add	5.37	
	15MOD-0169 For Work In Restricted Working Space, Add	5.89	
15105-0032	EA 3/8" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	30.43	6.74
	15MOD-0164 For 150 LB Rating, Add	3.03	
	15MOD-0165 For 200 LB Rating, Add	3.71	
	15MOD-0166 For 300 LB Rating, Add	5.37	
	15MOD-0169 For Work In Restricted Working Space, Add	6.20	
15105-0033	EA 1/2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	32.17	6.74
	15MOD-0164 For 150 LB Rating, Add	3.23	
	15MOD-0165 For 200 LB Rating, Add	3.96	
	15MOD-0166 For 300 LB Rating, Add	5.73	
	15MOD-0169 For Work In Restricted Working Space, Add	6.53	
15105-0034	EA 3/4" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	43.76	7.08
	15MOD-0164 For 150 LB Rating, Add	4.48	
	15MOD-0165 For 200 LB Rating, Add	5.49	
	15MOD-0166 For 300 LB Rating, Add	7.95	
	15MOD-0169 For Work In Restricted Working Space, Add	8.79	
15105-0035	EA 1" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	54.44	7.08
	15MOD-0164 For 150 LB Rating, Add	5.88	
	15MOD-0165 For 200 LB Rating, Add	7.20	
	15MOD-0166 For 300 LB Rating, Add	10.43	
	15MOD-0169 For Work In Restricted Working Space, Add	10.64	
15105-0036	EA 1-1/4" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	73.11	8.96
	15MOD-0164 For 150 LB Rating, Add	8.73	
	15MOD-0165 For 200 LB Rating, Add	10.70	
	15MOD-0166 For 300 LB Rating, Add	15.49	
	15MOD-0169 For Work In Restricted Working Space, Add	13.49	
15105-0037	EA 1-1/2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	84.70	10.38
	15MOD-0164 For 150 LB Rating, Add	10.18	
	15MOD-0165 For 200 LB Rating, Add	12.48	
	15MOD-0166 For 300 LB Rating, Add	18.06	
	15MOD-0169 For Work In Restricted Working Space, Add	15.56	
15105-0038	EA 2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	110.75	12.27
	15MOD-0164 For 150 LB Rating, Add	15.33	
	15MOD-0165 For 200 LB Rating, Add	18.79	
	15MOD-0166 For 300 LB Rating, Add	27.20	
	15MOD-0169 For Work In Restricted Working Space, Add	18.39	

15000 Mechanical
15100 Building Services Valves And Equipment
15105 Globe Valves



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15105-0039	EA	2-1/2" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	179.10	18.00
	15MOD-0164	For 150 LB Rating, Add	27.66	
	15MOD-0165	For 200 LB Rating, Add	33.90	
	15MOD-0166	For 300 LB Rating, Add	49.07	
	15MOD-0169	For Work In Restricted Working Space, Add	26.97	
15105-0040	EA	3" Angle Globe Valve, Bronze, Threaded, Brazed Or Soldered Connection, 125#.....	254.79	20.90
	15MOD-0164	For 150 LB Rating, Add	46.83	
	15MOD-0165	For 200 LB Rating, Add	57.41	
	15MOD-0166	For 300 LB Rating, Add	83.09	
	15MOD-0169	For Work In Restricted Working Space, Add	31.11	
15105-0041		Iron Body Angle Valve Flanged, 125 LB <small>(15105-0001)</small>		
15105-0042	EA	2" Angle Globe Valve, Iron Body, Flanged, 125#.....	425.45	89.86
	15MOD-0167	For 250 LB Rating, Add	187.86	
	15MOD-0168	For Chain Operated Type, Add	122.11	
	15MOD-0169	For Work In Restricted Working Space, Add	33.71	
15105-0043	EA	2-1/2" Angle Globe Valve, Iron Body, Flanged, 125#.....	483.14	89.99
	15MOD-0167	For 250 LB Rating, Add	222.18	
	15MOD-0168	For Chain Operated Type, Add	144.42	
	15MOD-0169	For Work In Restricted Working Space, Add	33.85	
15105-0044	EA	3" Angle Globe Valve, Iron Body, Flanged, 125#.....	568.42	105.51
	15MOD-0167	For 250 LB Rating, Add	261.82	
	15MOD-0168	For Chain Operated Type, Add	170.18	
	15MOD-0169	For Work In Restricted Working Space, Add	39.62	
15105-0045	EA	4" Angle Globe Valve, Iron Body, Flanged, 125#.....	844.92	176.89
	15MOD-0167	For 250 LB Rating, Add	373.96	
	15MOD-0168	For Chain Operated Type, Add	243.07	
	15MOD-0169	For Work In Restricted Working Space, Add	66.50	
15105-0046	EA	5" Angle Globe Valve, Iron Body, Flanged, 125#.....	1,400.73	226.17
	15MOD-0167	For 250 LB Rating, Add	670.20	
	15MOD-0168	For Chain Operated Type, Add	435.63	
	15MOD-0169	For Work In Restricted Working Space, Add	85.12	
15105-0047	EA	6" Angle Globe Valve, Iron Body, Flanged, 125#.....	1,431.13	251.31
	15MOD-0167	For 250 LB Rating, Add	670.20	
	15MOD-0168	For Chain Operated Type, Add	435.63	
	15MOD-0169	For Work In Restricted Working Space, Add	94.24	
15105-0048	EA	8" Angle Globe Valve, Iron Body, Flanged, 125#.....	2,545.19	289.00
	15MOD-0167	For 250 LB Rating, Add	1,311.71	
	15MOD-0168	For Chain Operated Type, Add	852.61	
	15MOD-0169	For Work In Restricted Working Space, Add	107.70	
15105-0049		Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Outside Stem And Yoke <small>(15105-0001)</small>		
		Note: 800 PSIG at 850 degrees F		
15105-0050	EA	1/4" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	82.11	10.92
	15MOD-0169	For Work In Restricted Working Space, Add	5.89	
15105-0051	EA	1/2" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	84.23	10.92
	15MOD-0169	For Work In Restricted Working Space, Add	6.53	
15105-0052	EA	3/4" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	100.39	14.70
	15MOD-0169	For Work In Restricted Working Space, Add	8.79	
15105-0053	EA	1" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	123.76	17.73
	15MOD-0169	For Work In Restricted Working Space, Add	10.64	
15105-0054	EA	1-1/4" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	196.28	22.45
	15MOD-0169	For Work In Restricted Working Space, Add	13.49	
15105-0055	EA	1-1/2" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	234.72	25.95
	15MOD-0169	For Work In Restricted Working Space, Add	15.56	
15105-0056	EA	2" Globe Valve, Forged Steel, Screwed, Outside Stem And Yoke.....	296.88	30.67
	15MOD-0169	For Work In Restricted Working Space, Add	18.39	
15106 Refrigerant Valves <small>(15100)</small>				
15106-0001		Ball Valves <small>(15106)</small>		
15106-0002		Refrigeration Ball Valves, Sweat, 1400 Series <small>(15106-0001)</small>		
15106-0003	EA	3/8" Refrigeration Ball Valve, Sweated.....	24.78	6.74
15106-0004	EA	1/2" Refrigeration Ball Valve, Sweated.....	25.87	6.74
15106-0005	EA	5/8" Refrigeration Ball Valve, Sweated.....	31.89	6.74
15106-0006	EA	7/8" Refrigeration Ball Valve, Sweated.....	42.77	7.42
15106-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated.....	57.80	8.43
15106-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated.....	91.90	10.38
15106-0009		Shut-Off Valves <small>(15106)</small>		
15106-0010		Packless <small>(15106-0009)</small>		
15106-0011	EA	1/2" Refrigeration Valve, Packless.....	27.92	7.01
15106-0012	EA	5/8" Refrigeration Valve, Packless.....	34.07	7.69
15106-0013	EA	7/8" Refrigeration Valve, Packless.....	65.93	10.52
15106-0014		Packed <small>(15106-0009)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15106-0015	EA	1 1/8" Refrigeration Valve, Packed.....	114.55	15.31
15106-0016	EA	1 3/8" Refrigeration Valve, Packed.....	151.81	18.75
15106-0017	EA	1 5/8" Refrigeration Valve, Packed.....	183.61	21.11
15106-0018	EA	2 1/8" Refrigeration Valve, Packed.....	257.78	24.08
15106-0019	EA	2 5/8" Refrigeration Valve, Packed.....	448.54	67.45
15106-0020	EA	3 1/8" Refrigeration Valve, Packed.....	585.41	84.31
15106-0021	EA	4 1/8" Refrigeration Valve, Packed.....	826.80	112.44
15106-0022		Check Valves <small>(15106)</small>		
15106-0023	EA	5/8" Check Valve, Refrigeration.....	36.81	6.75
15106-0024	EA	7/8" Check Valve, Refrigeration.....	101.29	7.42
15106-0025	EA	1 1/8" Check Valve, Refrigeration.....	118.05	8.43
15106-0026	EA	1 3/8" Check Valve, Refrigeration.....	157.90	8.97
15106-0027	EA	1 5/8" Check Valve, Refrigeration.....	205.11	10.39
15106-0028	EA	2 1/8" Check Valve, Refrigeration.....	298.22	12.28
15106-0029	EA	2 5/8" Check Valve, Refrigeration.....	418.10	18.01
15106-0030	EA	3 1/8" Check Valve, Refrigeration.....	547.50	23.60
15106-0031		Solenoid Valves <small>(15106)</small>		
15106-0032		Solenoid Valve, 24 Volt Coil <small>(15106-0031)</small>		
15106-0033	EA	1/2" Solenoid Valve, Refrigeration.....	86.19	6.75
15106-0034	EA	5/8" Solenoid Valve, Refrigeration.....	88.06	6.75
15106-0035	EA	3/4" Solenoid Valve, Refrigeration.....	109.79	7.42
15106-0036	EA	7/8" Solenoid Valve, Refrigeration.....	109.79	7.42
15106-0037	EA	1 1/8" Solenoid Valve, Refrigeration.....	151.61	8.43
15106-0038	EA	1 3/8" Solenoid Valve, Refrigeration.....	238.79	8.97
15106-0039	EA	1 5/8" Solenoid Valve, Refrigeration.....	427.82	10.39
15106-0040	EA	2 1/8" Solenoid Valve, Refrigeration.....	437.25	12.28
15107		Triple Duty Valve <small>(15100)</small>		
15107-0001		Straight Pattern Triple Duty Valves <small>(15107)</small>		
		Note: Bell & Gossett 3DX and 3DS-S Series.		
15107-0002	EA	1" Threaded, Straight Pattern Triple Duty Valve.....	200.37	7.08
15107-0003	EA	1-1/4" Threaded, Straight Pattern Triple Duty Valve.....	231.59	8.96
15107-0004	EA	1-1/2" Threaded, Straight Pattern Triple Duty Valve.....	250.97	10.38
15107-0005	EA	2" Flanged, Straight Pattern Triple Duty Valve.....	633.33	18.40
15107-0006	EA	2-1/2" Flanged, Straight Pattern Triple Duty Valve.....	738.25	89.99
15107-0007	EA	3" Flanged, Straight Pattern Triple Duty Valve.....	807.24	105.51
15107-0008	EA	4" Flanged, Straight Pattern Triple Duty Valve.....	1,659.16	176.89
15107-0009	EA	5" Flanged, Straight Pattern Triple Duty Valve.....	1,979.49	226.17
15107-0010	EA	6" Flanged, Straight Pattern Triple Duty Valve.....	2,629.07	251.31
15107-0011	EA	8" Flanged, Straight Pattern Triple Duty Valve.....	3,501.59	289.00
15107-0012	EA	10" Flanged, Straight Pattern Triple Duty Valve.....	5,629.73	351.83
15107-0013		Angle Pattern, Flanged, Triple Duty Valves <small>(15107)</small>		
		Note: Bell & Gossett 3D-S Series.		
15107-0014	EA	2" Angle Pattern, Flanged Triple Duty Valve.....	617.77	18.40
15107-0015	EA	2-1/2" Angle Pattern, Flanged Triple Duty Valve.....	719.58	89.99
15107-0016	EA	3" Angle Pattern, Flanged Triple Duty Valve.....	791.68	105.51
15107-0017	EA	4" Angle Pattern, Flanged Triple Duty Valve.....	1,618.71	176.89
15107-0018	EA	5" Angle Pattern, Flanged Triple Duty Valve.....	1,929.70	226.17
15107-0019	EA	6" Angle Pattern, Flanged Triple Duty Valve.....	2,162.35	251.31
15107-0020	EA	8" Angle Pattern, Flanged Triple Duty Valve.....	3,280.68	289.00
15107-0021	EA	10" Angle Pattern, Flanged Triple Duty Valve.....	4,388.25	351.83
15107-0022		Balanced, Straight Pattern Triple Duty Valves <small>(15107)</small>		
		Note: Bell & Gossett 3DS-B Series.		
15107-0023	EA	3" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	738.79	105.51
15107-0024	EA	4" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	1,478.70	176.89
15107-0025	EA	5" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	1,771.02	226.17
15107-0026	EA	6" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	2,345.93	251.31
15107-0027	EA	8" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	3,115.77	289.00
15107-0028	EA	10" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	4,985.65	351.83
15107-0029	EA	12" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	7,515.31	427.22
15107-0030	EA	14" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	9,136.21	471.19
15107-0031	EA	16" Flanged, Balanced, Straight Pattern Triple Duty Valve.....	11,454.33	552.87
15107-0032		Grooved Straight Pattern Triple Duty Valves <small>(15107)</small>		
		Note: Bell & Gossett 3DS-G Series.		
15107-0033	EA	2" Grooved, Straight Pattern Triple Duty Valve.....	709.14	16.66
15107-0034	EA	2-1/2" Grooved, Straight Pattern Triple Duty Valve.....	845.19	19.86
15107-0035	EA	3" Grooved, Straight Pattern Triple Duty Valve.....	984.38	21.54
15107-0036	EA	4" Grooved, Straight Pattern Triple Duty Valve.....	1,637.48	23.21

15000 Mechanical
15100 Building Services Valves And Equipment
15107 Triple Duty Valve



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15107-0037	EA	5" Grooved, Straight Pattern Triple Duty Valve.....	1,899.08	32.04
15107-0038	EA	6" Grooved, Straight Pattern Triple Duty Valve.....	2,532.09	41.09
15107-0039	EA	8" Grooved, Straight Pattern Triple Duty Valve.....	3,444.52	52.14
15107-0040	EA	10" Grooved, Straight Pattern Triple Duty Valve.....	5,439.70	58.43
15107-0041	EA	12" Grooved, Straight Pattern Triple Duty Valve.....	8,640.69	71.25
15108 Plug, Foot, Float And Needle Valves; Cocks And Stops (15100)				
15108-0001 Plug Valves (15108)				
15108-0002 Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated (15108-0001)				
Note: Includes wrench				
15108-0003	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	113.14	6.74
15108-0004	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	120.70	7.42
15108-0005	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	152.05	8.43
15108-0006	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	182.97	8.96
15108-0007	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	202.00	10.38
15108-0008	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	238.47	12.27
15108-0009	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	354.12	16.57
15108-0010	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	431.20	19.24
15108-0011 Plug Valves, Lubricated, Semisteel Flanged (15108-0001)				
Note: Wrench operated for 4", gear operated for 6" and 10"				
15108-0012	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	242.31	89.86
15108-0013	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	284.02	89.99
15108-0014	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	347.15	105.51
15108-0015	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	512.94	176.89
15108-0016	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,091.18	251.31
15108-0017	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,758.94	289.00
15108-0018	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	2,772.72	351.83
15108-0019	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	4,074.15	427.22
15108-0020 Plug Valves, 1500# Forged Steel, Screwed (15108-0001)				
15108-0021	EA	1/2" Plug Valve, 1500 # Forged Steel, Screwed.....	412.66	6.74
15108-0022	EA	3/4" Plug Valve, 1500 # Forged Steel, Screwed.....	488.90	7.42
15108-0023	EA	1" Plug Valve, 1500 # Forged Steel, Screwed.....	553.58	8.43
15108-0024	EA	1-1/4" Plug Valve, 1500 # Forged Steel, Screwed.....	665.09	8.96
15108-0025	EA	1-1/2" Plug Valve, 1500 # Forged Steel, Screwed.....	774.32	10.38
15108-0026	EA	2" Plug Valve, 1500 # Forged Steel, Screwed.....	1,016.09	12.27
15108-0027 Plug Valves, Eccentric, Cast Iron Flanged (15108-0001)				
15108-0028	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	583.75	176.89
15108-0029	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	904.63	226.17
15108-0030	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,224.46	289.00
15108-0031	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,720.76	351.83
15108-0032	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	2,214.12	427.22
15108-0033 Foot Valves, Metal To Metal Seat Construction (15108)				
15108-0034 Single Poppet (15108-0033)				
15108-0035	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	47.24	16.87
15108-0036	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	53.40	18.88
15108-0037	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	66.26	21.59
15108-0038	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	84.46	24.28
15108-0039	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	181.20	39.79
15108-0040	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	229.77	48.56
15108-0041 Double Poppet (15108-0033)				
15108-0042	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	47.24	16.87
15108-0043	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	88.15	18.88
15108-0044	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	86.30	21.59
15108-0045	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	113.84	24.28
15108-0046	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	217.63	39.79
15108-0047	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	291.59	47.89
15108-0048 Float Valves (15108)				
15108-0049 Float Valve Assembly For Maintaining Liquid Level In Tanks (15108-0048)				
15108-0050 Single Seat, Bronze Construction (15108-0049)				
Note: For storage tanks, reservoirs, cooling towers and filtration plants				
15108-0051	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve.....	91.13	14.16
15108-0052	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve.....	104.92	16.86
15108-0053	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve.....	133.16	18.20
15108-0054	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve.....	216.80	22.92



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15108-0055	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve.....	223.54	26.29
15108-0056		Double Seat, Bronze Construction (15108-0049)		
		Note: For hot or cold water or oil to open tanks		
15108-0057	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	442.84	14.16
15108-0058	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	448.23	16.86
15108-0059	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	516.21	18.20
15108-0060	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve.....	572.75	22.92
15108-0061	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve.....	654.86	26.29
15108-0062	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve.....	856.50	31.01
15108-0063	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve.....	1,000.17	41.58
15108-0064	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	1,201.62	47.79
15108-0065		Float Valve Single Seated Balanced For Air Oil Or Water (15108-0048)		
		Note: Includes arm, ball and bracket		
15108-0066		Brass Body Threaded Ends (15108-0065)		
15108-0067	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	104.70	18.27
15108-0068	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	117.99	20.30
15108-0069	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	143.17	22.45
15108-0070	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	229.26	36.27
15108-0071	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	243.82	41.33
15108-0072	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	279.65	51.24
15108-0073		Cast Iron Body Flanged (15108-0065)		
15108-0074	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	2,791.71	109.23
15108-0075	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	3,364.99	124.13
15108-0076		Float Operated Valves (15108-0048)		
15108-0077		For Condensate Receivers Tanks And Vessels (15108-0076)		
		Note: Cast iron body, self-contained, float in-line mount		
15108-0078	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	327.43	31.69
15108-0079		For Condensate Receivers Tanks And Vessels (15108-0076)		
		Note: Cast iron body, external float tank mount, flanged		
15108-0080	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	426.29	58.96
15108-0081		Needle Valves (15108)		
15108-0082		Bronze Needle Valve (15108-0081)		
		Note: For heating and cooling applications		
15108-0083	EA	1/4" Needle Valve, Bronze.....	49.33	6.74
15108-0084	EA	3/8" Needle Valve, Bronze.....	54.54	6.74
15108-0085	EA	1/2" Needle Valve, Bronze.....	59.34	6.74
15108-0086	EA	3/4" Needle Valve, Bronze.....	88.68	7.42
15108-0087	EA	1" Needle Valve, Bronze.....	132.33	8.43
15108-0088		Gas Stops (15108)		
15108-0089		Brass Gas Stops (15108-0088)		
		Note: Flat or square head		
15108-0090	EA	3/8" Gas Stop, Brass.....	28.31	6.74
15108-0091	EA	1/2" Gas Stop, Brass.....	27.62	6.74
15108-0092	EA	3/4" Gas Stop, Brass.....	36.52	7.42
15108-0093	EA	1" Gas Stop, Brass.....	49.37	8.43
15108-0094	EA	1-1/4" Gas Stop, Brass.....	64.90	8.96
15108-0095	EA	1-1/2" Gas Stop, Brass.....	80.12	10.38
15108-0096	EA	2" Gas Stop, Brass.....	107.45	12.27
15108-0097		Iron Body Gas Stops (15108-0088)		
15108-0098	EA	1/2" Gas Stop, Iron Body.....	34.62	6.74
15108-0099	EA	3/4" Gas Stop, Iron Body.....	43.40	7.42
15108-0100	EA	1" Gas Stop, Iron Body.....	53.52	8.43
15108-0101	EA	1-1/4" Gas Stop, Iron Body.....	68.94	8.96
15108-0102	EA	1-1/2" Gas Stop, Iron Body.....	85.19	10.38
15108-0103	EA	2" Gas Stop, Iron Body.....	108.60	12.27
15108-0104	EA	2-1/2" Gas Stop, Iron Body.....	198.19	16.57
15108-0105	EA	3" Gas Stop, Iron Body.....	260.63	19.24
15108-0106		Eccentric Valves With Taps (15108)		
15108-0107		Screwed Eccentric Valves With Taps (15108-0106)		

15000 Mechanical**15100 Building Services Valves And Equipment**

15108 Plug, Foot, Float And Needle Valves; Cocks And Stops



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15108-0108	EA	1/2" Diameter Eccentric Valves With Taps, Screwed.....	136.66	6.74
15108-0109	EA	3/4" Diameter Eccentric Valves With Taps, Screwed.....	145.99	7.42
15108-0110	EA	1" Diameter Eccentric Valves With Taps, Screwed.....	183.99	8.43
15108-0111	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed.....	223.51	8.96
15108-0112	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed.....	244.56	10.38
15108-0113	EA	2" Diameter Eccentric Valves With Taps, Screwed.....	287.58	12.27
15108-0114	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed.....	432.80	16.57
15108-0115	EA	3" Diameter Eccentric Valves With Taps, Screwed.....	525.08	19.24
15108-0116		Flanged Eccentric Valves With Taps <small>(15108-0106)</small>		
15108-0117	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged.....	528.30	89.99
15108-0118	EA	3" Diameter Eccentric Valves With Taps, Flanged.....	627.07	105.51
15108-0119	EA	4" Diameter Eccentric Valves With Taps, Flanged.....	849.27	176.89
15108-0120	EA	5" Diameter Eccentric Valves With Taps, Flanged.....	1,167.69	226.17
15108-0121	EA	6" Diameter Eccentric Valves With Taps, Flanged.....	1,463.28	251.31
15108-0122	EA	8" Diameter Eccentric Valves With Taps, Flanged.....	2,436.31	289.00
15108-0123	EA	10" Diameter Eccentric Valves With Taps, Flanged.....	3,401.05	351.83
15108-0124	EA	12" Diameter Eccentric Valves With Taps, Flanged.....	5,792.63	427.22
15108-0125		Disconnect Valves <small>(15108)</small>		
15108-0126		Quick Disconnect, Air-Service <small>(15108-0125)</small>		
15108-0127		Combination Steel And Brass <small>(15108-0126)</small>		
15108-0128	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	29.83	9.44
15108-0129	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	32.94	11.46
15108-0130		Earthquake-Sensitive Gas Shut-Off Valve <small>(15108)</small>		
15108-0131		0.5 PSI Threaded Earthquake Gas Shutoff Valves <small>(15108-0130)</small>		
15108-0132	EA	3/4" 0.5 PSI Threaded Earthquake Gas Shutoff Valve.....	143.42	7.42
15108-0133	EA	1" 0.5 PSI Threaded Earthquake Gas Shutoff Valve.....	161.11	8.43
15108-0134		7 PSI Threaded Earthquake Gas Shutoff Valves <small>(15108-0130)</small>		
15108-0135	EA	1-1/4" 7 PSI Threaded Earthquake Gas Shutoff Valve.....	186.28	8.96
15108-0136	EA	1-1/2" 7 PSI Threaded Earthquake Gas Shutoff Valve.....	256.01	10.38
15108-0137		60 PSI Threaded Earthquake Gas Shutoff Valves <small>(15108-0130)</small>		
15108-0138	EA	3/4" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	181.11	7.42
15108-0139	EA	1" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	187.28	8.43
15108-0140	EA	1-1/4" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	207.22	8.96
15108-0141	EA	1-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	287.41	10.38
15108-0142	EA	2" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	689.43	12.27
15108-0143	EA	2-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	815.31	16.51
15108-0144	EA	3" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	1,063.86	19.24
15108-0145	EA	4" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	1,234.04	21.72
15108-0146		60 PSI Flanged Earthquake Gas Shutoff Valves <small>(15108-0130)</small>		
15108-0147	EA	2" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	949.87	89.86
15108-0148	EA	3" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	1,173.72	105.51
15108-0149	EA	4" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	1,634.98	176.89
15108-0150	EA	6" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	2,774.35	251.31
15108-0151	EA	8" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	7,582.61	289.00
15109 Hydrants <small>(15100)</small>				
15109-0001		Wall Hydrants <small>(15109)</small>		
15109-0002		Wall Hydrant <small>(15109-0001)</small>		
		Note: Female inlet connection, 3/4" hose thread outlet		
15109-0003		Cast Bronze Box Type Wall Hydrant, Non-Freeze <small>(15109-0002)</small>		
		Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
15109-0004	EA	Wall Hydrant, 6" Thick Wall, 3/4" NPTM Outlet And 1/2" NPTF Inlet.....	669.75	16.86
		15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add	16.56	
		15MOD-0171 For 1" NPT Outlet Add	25.00	
15109-0005	EA	Wall Hydrant, 12" Thick Wall, 3/4" NPTM Outlet And 1/2" NPTF Inlet.....	700.21	20.22
		15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add	16.56	
		15MOD-0171 For 1" NPT Outlet Add	25.00	
15109-0006	EA	Wall Hydrant, 18" Thick Wall, 3/4" NPTM Outlet And 1/2" NPTF Inlet.....	744.10	24.34
		15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add	16.56	
		15MOD-0171 For 1" NPT Outlet Add	25.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15109-0007	Cast Bronze Box Type Wall Hydrant <small>(15109-0002)</small> Note: With 3/4" NPT female and 1" NPT male inlet connection.		
15109-0008	EA 3/4" Hose Threaded Outlet Wall Hydrant, Cast Bronze, 3/4" NPTF Out And 1" NPTM In 303.05	303.05	28.31
	15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add 16.56	16.56	
	15MOD-0171 For 1" NPT Outlet Add 25.00	25.00	
15109-0009	Cast Bronze Non-Freezing Wall Hydrant <small>(15109-0002)</small> Note: With 3/4" NPT female and 1" NPT male inlet connection, 3/4" hose thread outlet and wall clamp.		
15109-0010	EA 3" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 292.19	292.19	20.90
	15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add 16.56	16.56	
	15MOD-0171 For 1" NPT Outlet Add 25.00	25.00	
15109-0011	EA 4" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 309.84	309.84	20.90
	15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add 16.56	16.56	
	15MOD-0171 For 1" NPT Outlet Add 25.00	25.00	
15109-0012	EA 6" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 327.49	327.49	20.90
	15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add 16.56	16.56	
	15MOD-0171 For 1" NPT Outlet Add 25.00	25.00	
15109-0013	EA 8" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 345.14	345.14	20.90
	15MOD-0170 For 3/4" Nozzle Type Vacuum Breaker, Add 16.56	16.56	
	15MOD-0171 For 1" NPT Outlet Add 25.00	25.00	
15109-0014	EA 10" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 361.04	361.04	42.13
15109-0015	EA 12" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 369.52	369.52	42.13
15109-0016	EA 18" Thick Non-Freezing Hydrant Cast Bronze, 3/4" NPTF Out And 1" NPTM In 386.49	386.49	42.13
15109-0017	Stainless Steel Box Type Wall Hydrant <small>(15109-0002)</small> Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
15109-0018	EA Recessed Stainless Steel Hose Box With Wall Flange Less Door; Acorn #8140 283.92	283.92	16.86
15109-0019	EA Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door; Acorn #8141 311.00	311.00	16.86
15109-0020	EA Recessed Stainless Steel Hose Box With Wall Flange And Door; Acorn #8150 314.69	314.69	16.86
15109-0021	EA Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door; Acorn #8151 355.32	355.32	16.86
15109-0022	EA Recessed Stainless Steel Hose Box With Wall Flange Less Door; Acorn #8145 503.20	503.20	23.59
	Note: Includes hot and cold hose connections		
15109-0023	EA Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door; Acorn #8146 519.20	519.20	23.59
	Note: Includes hot and cold hose connections		
15109-0024	EA Recessed Stainless Steel Hose Box With Wall Flange And Door; Acorn #8155 519.20	519.20	23.59
	Note: Includes hot and cold hose connections		
15109-0025	EA Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door; Acorn #8156 557.36	557.36	23.59
	Note: Includes hot and cold hose connections		
15110	Check Valve <small>(15100)</small>		
15110-0001	Iron Body Wafer Type Check Valve <small>(15110)</small>		
15110-0002	Single Disk Type <small>(15110-0001)</small>		
15110-0003	EA 2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 216.08	216.08	89.90
	15MOD-0172 For 150 LB Rating, Add 21.77	21.77	
	15MOD-0173 For 200 LB Rating, Add 25.92	25.92	
	15MOD-0174 For 300 LB Rating, Add 31.10	31.10	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 69.13	69.13	
15110-0004	EA 2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 248.74	248.74	90.05
	15MOD-0172 For 150 LB Rating, Add 28.52	28.52	
	15MOD-0173 For 200 LB Rating, Add 33.96	33.96	
	15MOD-0174 For 300 LB Rating, Add 40.75	40.75	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 83.70	83.70	
15110-0005	EA 3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 303.82	303.82	105.58
	15MOD-0172 For 150 LB Rating, Add 36.05	36.05	
	15MOD-0173 For 200 LB Rating, Add 42.92	42.92	
	15MOD-0174 For 300 LB Rating, Add 51.50	51.50	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 103.68	103.68	
15110-0006	EA 4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 454.33	454.33	177.00
	15MOD-0172 For 150 LB Rating, Add 48.83	48.83	
	15MOD-0173 For 200 LB Rating, Add 58.13	58.13	
	15MOD-0174 For 300 LB Rating, Add 69.76	69.76	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 149.00	149.00	
15110-0007	EA 6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 701.46	701.46	269.79
	15MOD-0172 For 150 LB Rating, Add 76.49	76.49	
	15MOD-0173 For 200 LB Rating, Add 91.06	91.06	
	15MOD-0174 For 300 LB Rating, Add 109.27	109.27	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 231.35	231.35	
15110-0008	EA 8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 945.36	945.36	310.26
	15MOD-0172 For 150 LB Rating, Add 117.38	117.38	
	15MOD-0173 For 200 LB Rating, Add 139.74	139.74	
	15MOD-0174 For 300 LB Rating, Add 167.68	167.68	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 328.81	328.81	
15110-0009	EA 10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125# 1,368.32	1,368.32	377.71
	15MOD-0172 For 150 LB Rating, Add 187.47	187.47	
	15MOD-0173 For 200 LB Rating, Add 223.18	223.18	
	15MOD-0174 For 300 LB Rating, Add 267.82	267.82	
	15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add 496.85	496.85	

15000 Mechanical
15100 Building Services Valves And Equipment
15110 Check Valve



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15110-0010 Twin Disc Type (15110-0001)		
15110-0011 EA 2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	228.82	89.90
15MOD-0172 For 150 LB Rating, Add	24.45	
15MOD-0173 For 200 LB Rating, Add	29.10	
15MOD-0174 For 300 LB Rating, Add	34.92	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	74.87	
15110-0012 EA 2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	252.63	90.05
15MOD-0172 For 150 LB Rating, Add	29.34	
15MOD-0173 For 200 LB Rating, Add	34.93	
15MOD-0174 For 300 LB Rating, Add	41.91	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	85.45	
15110-0013 EA 3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	295.14	105.58
15MOD-0172 For 150 LB Rating, Add	34.23	
15MOD-0173 For 200 LB Rating, Add	40.75	
15MOD-0174 For 300 LB Rating, Add	48.90	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	99.78	
15110-0014 EA 4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	428.80	177.00
15MOD-0172 For 150 LB Rating, Add	43.47	
15MOD-0173 For 200 LB Rating, Add	51.75	
15MOD-0174 For 300 LB Rating, Add	62.10	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	137.51	
15110-0015 EA 6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	644.33	248.42
15MOD-0172 For 150 LB Rating, Add	70.10	
15MOD-0173 For 200 LB Rating, Add	83.45	
15MOD-0174 For 300 LB Rating, Add	100.14	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	212.32	
15110-0016 EA 8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	864.65	285.69
15MOD-0172 For 150 LB Rating, Add	107.05	
15MOD-0173 For 200 LB Rating, Add	127.44	
15MOD-0174 For 300 LB Rating, Add	152.93	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	300.37	
15110-0017 EA 10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	1,242.23	31.05
15MOD-0172 For 150 LB Rating, Add	169.54	
15MOD-0173 For 200 LB Rating, Add	201.83	
15MOD-0174 For 300 LB Rating, Add	242.19	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	450.27	
15110-0018 EA 12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125#	1,607.94	422.32
15MOD-0172 For 150 LB Rating, Add	227.14	
15MOD-0173 For 200 LB Rating, Add	270.41	
15MOD-0174 For 300 LB Rating, Add	324.49	
15MOD-0175 For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	591.99	
15110-0019 Lift Check Valves (15110)		
15110-0020 Bronze Body, Threaded, Vertical Lift Check Valves (15110-0019)		
Note: Watts #600 Series		
15110-0021 EA 3/8" Lift Check Valve, Bronze, Threaded	50.93	6.74
15110-0022 EA 1/2" Lift Check Valve, Bronze, Threaded	53.85	6.74
15110-0023 EA 3/4" Lift Check Valve, Bronze, Threaded	69.29	7.08
15110-0024 EA 1" Lift Check Valve, Bronze, Threaded	90.04	7.08
15110-0025 EA 1-1/4" Lift Check Valve, Bronze, Threaded	123.15	8.96
15110-0026 EA 1-1/2" Lift Check Valve, Bronze, Threaded	148.70	10.38
15110-0027 EA 2" Lift Check Valve, Bronze, Threaded	206.89	12.27
15110-0028 Bronze Body, Threaded, 300# Lift Check Valves (15110-0019)		
Note: Crane 366E		
15110-0029 EA 1/2" Lift Check Valve, Bronze, Threaded, 300#	273.17	6.74
15110-0030 EA 3/4" Lift Check Valve, Bronze, Threaded, 300#	332.96	7.08
15110-0031 EA 1" Lift Check Valve, Bronze, Threaded, 300#	590.56	7.08
15110-0032 EA 1-1/4" Lift Check Valve, Bronze, Threaded, 300#	786.14	8.96
15110-0033 EA 1-1/2" Lift Check Valve, Bronze, Threaded, 300#	855.10	10.38
15110-0034 EA 2" Lift Check Valve, Bronze, Threaded, 300#	1,096.33	12.27
15110-0035 Iron Body, Flanged, 125 LB Vertical Lift Check Valves (15110-0019)		
Note: Mueller 105MAP		
15110-0036 EA 2" Lift Check Valve, Iron Body, Flanged, 125#	431.06	89.86
15110-0037 EA 2-1/2" Lift Check Valve, Iron Body, Flanged, 125#	562.54	89.99
15110-0038 EA 3" Lift Check Valve, Iron Body, Flanged, 125#	616.93	105.51
15110-0039 EA 4" Lift Check Valve, Iron Body, Flanged, 125#	873.27	176.89
15110-0040 EA 5" Lift Check Valve, Iron Body, Flanged, 125#	1,121.95	226.17
15110-0041 EA 6" Lift Check Valve, Iron Body, Flanged, 125#	1,364.20	251.31
15110-0042 EA 8" Lift Check Valve, Iron Body, Flanged, 125#	2,280.94	289.00
15110-0043 EA 10" Lift Check Valve, Iron Body, Flanged, 125#	2,859.61	351.83
15110-0044 EA 12" Lift Check Valve, Iron Body, Flanged, 125#	4,558.98	427.22
15110-0045 EA 14" Lift Check Valve, Iron Body, Flanged, 125#	6,204.06	539.19
15110-0046 EA 16" Lift Check Valve, Iron Body, Flanged, 125#	6,872.50	632.65
15111 Swing Check Valves (15100)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15111-0001 Swing Check Valves ⁽¹⁵¹¹¹⁾		
15111-0002 Bronze Body ⁽¹⁵¹¹¹⁻⁰⁰⁰¹⁾		
15111-0003 For Threaded, Brazed Or Soldered Installation, 125 LB ⁽¹⁵¹¹¹⁻⁰⁰⁰²⁾		
15111-0004 EA 1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	37.64	6.74
15MOD-0176 For 300 LB Rating, Add	6.20	
15MOD-0179 For Work In Restricted Working Space, Add	6.53	
15111-0005 EA 1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	35.52	6.74
15MOD-0176 For 300 LB Rating, Add	6.20	
15MOD-0179 For Work In Restricted Working Space, Add	5.89	
15111-0006 EA 3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	36.55	6.74
15MOD-0176 For 300 LB Rating, Add	6.20	
15MOD-0179 For Work In Restricted Working Space, Add	6.20	
15111-0007 EA 1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	38.26	6.74
15MOD-0176 For 300 LB Rating, Add	6.44	
15MOD-0179 For Work In Restricted Working Space, Add	6.53	
15111-0008 EA 3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	49.32	7.08
15MOD-0176 For 300 LB Rating, Add	7.80	
15MOD-0179 For Work In Restricted Working Space, Add	8.79	
15111-0009 EA 1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	62.65	7.08
15MOD-0176 For 300 LB Rating, Add	10.60	
15MOD-0179 For Work In Restricted Working Space, Add	10.64	
15111-0010 EA 1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	83.09	8.96
15MOD-0176 For 300 LB Rating, Add	14.87	
15MOD-0179 For Work In Restricted Working Space, Add	13.49	
15111-0011 EA 1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	105.26	10.38
15MOD-0176 For 300 LB Rating, Add	20.83	
15MOD-0179 For Work In Restricted Working Space, Add	15.56	
15111-0012 EA 2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	129.95	12.27
15MOD-0176 For 300 LB Rating, Add	26.78	
15MOD-0179 For Work In Restricted Working Space, Add	18.39	
15111-0013 EA 2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	240.59	16.57
15MOD-0176 For 300 LB Rating, Add	61.56	
15MOD-0179 For Work In Restricted Working Space, Add	24.83	
15111-0014 EA 3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	319.96	19.24
15MOD-0176 For 300 LB Rating, Add	87.55	
15MOD-0179 For Work In Restricted Working Space, Add	28.64	
15111-0015 EA 4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125#.....	362.65	21.72
15MOD-0176 For 300 LB Rating, Add	99.07	
15MOD-0179 For Work In Restricted Working Space, Add	32.59	
15111-0016 Iron Body, Bronze Trim, Flanged, 125 LB ⁽¹⁵¹¹¹⁻⁰⁰⁰¹⁾		
15111-0017 EA 1" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	191.81	50.56
15MOD-0177 For 150 LB Rating, Add	87.18	
15MOD-0178 For 250 LB Rating, Add	166.67	
15MOD-0179 For Work In Restricted Working Space, Add	19.08	
15111-0018 EA 1-1/4" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	214.53	58.99
15MOD-0177 For 150 LB Rating, Add	96.05	
15MOD-0178 For 250 LB Rating, Add	183.63	
15MOD-0179 For Work In Restricted Working Space, Add	21.98	
15111-0019 EA 1-1/2" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	241.90	70.79
15MOD-0177 For 150 LB Rating, Add	104.18	
15MOD-0178 For 250 LB Rating, Add	199.16	
15MOD-0179 For Work In Restricted Working Space, Add	26.61	
15111-0020 EA 2" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	302.62	89.86
15MOD-0177 For 150 LB Rating, Add	129.38	
15MOD-0178 For 250 LB Rating, Add	247.35	
15MOD-0179 For Work In Restricted Working Space, Add	33.71	
15111-0021 EA 2-1/2" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	334.89	89.99
15MOD-0177 For 150 LB Rating, Add	150.99	
15MOD-0178 For 250 LB Rating, Add	288.67	
15MOD-0179 For Work In Restricted Working Space, Add	33.85	
15111-0022 EA 3" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	373.36	105.51
15MOD-0177 For 150 LB Rating, Add	164.09	
15MOD-0178 For 250 LB Rating, Add	313.70	
15MOD-0179 For Work In Restricted Working Space, Add	39.62	
15111-0023 EA 4" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	594.58	176.89
15MOD-0177 For 150 LB Rating, Add	253.59	
15MOD-0178 For 250 LB Rating, Add	484.80	
15MOD-0179 For Work In Restricted Working Space, Add	66.50	
15111-0024 EA 5" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	831.26	226.17
15MOD-0177 For 150 LB Rating, Add	372.32	
15MOD-0178 For 250 LB Rating, Add	711.79	
15MOD-0179 For Work In Restricted Working Space, Add	85.12	
15111-0025 EA 6" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	948.96	251.31
15MOD-0177 For 150 LB Rating, Add	431.68	
15MOD-0178 For 250 LB Rating, Add	825.28	
15MOD-0179 For Work In Restricted Working Space, Add	94.24	
15111-0026 EA 8" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#.....	1,943.94	289.00
15MOD-0177 For 150 LB Rating, Add	1,077.76	
15MOD-0178 For 250 LB Rating, Add	2,060.42	
15MOD-0179 For Work In Restricted Working Space, Add	107.70	

15000 Mechanical
15100 Building Services Valves And Equipment
15111 Swing Check Valves



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15111-0027	EA	10" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#	2,597.22	351.83
	15MOD-0177	For 150 LB Rating, Add	1,467.06	
	15MOD-0178	For 250 LB Rating, Add	2,804.67	
	15MOD-0179	For Work In Restricted Working Space, Add	131.93	
15111-0028	EA	12" Swing Check Valve, Iron Body, Bronze Trim, Flanged, 125#	3,897.50	427.22
	15MOD-0177	For 150 LB Rating, Add	2,287.81	
	15MOD-0178	For 250 LB Rating, Add	4,373.76	
	15MOD-0179	For Work In Restricted Working Space, Add	159.92	
15111-0029		Swing Check Valves, 150 LB PVC Socket Weld End Connections (15111-0001)		
15111-0030	EA	1/2" Check Valve, PVC, Socket Weld, 150#	32.85	6.74
	15MOD-0179	For Work In Restricted Working Space, Add	6.53	
15111-0031	EA	3/4" Check Valve, PVC, Socket Weld, 150#	40.41	7.42
	15MOD-0179	For Work In Restricted Working Space, Add	8.79	
15111-0032	EA	1" Check Valve, PVC, Socket Weld, 150#	47.02	8.43
	15MOD-0179	For Work In Restricted Working Space, Add	10.64	
15111-0033	EA	1-1/4" Check Valve, PVC, Socket Weld, 150#	56.96	8.96
	15MOD-0179	For Work In Restricted Working Space, Add	13.49	
15111-0034	EA	1-1/2" Check Valve, PVC, Socket Weld, 150#	64.57	10.38
	15MOD-0179	For Work In Restricted Working Space, Add	15.56	
15111-0035	EA	2" Check Valve, PVC, Socket Weld, 150#	81.05	12.27
	15MOD-0179	For Work In Restricted Working Space, Add	18.39	
15111-0036	EA	2-1/2" Check Valve, PVC, Socket Weld, 150#	110.88	16.57
	15MOD-0179	For Work In Restricted Working Space, Add	24.83	
15111-0037	EA	3" Check Valve, PVC, Socket Weld, 150#	131.99	19.24
	15MOD-0179	For Work In Restricted Working Space, Add	28.64	
15112		Backflow Preventer Valves (15100)		
15112-0001		Double Check Valve Backflow Preventer Assemblies (15112)		
15112-0002		Threaded Double Check Valve Assemblies (15112-0001)		
15112-0003		Double Check Valve Assemblies With QT Shut-Offs (15112-0002)		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
15112-0004	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	215.70	18.07
	15MOD-0180	For Work In Restricted Working Space, Add	13.55	
	15MOD-0181	For Owner Furnished Material, Deduct	-170.53	
15112-0005	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	256.55	25.62
	15MOD-0180	For Work In Restricted Working Space, Add	19.21	
	15MOD-0181	For Owner Furnished Material, Deduct	-192.51	
15112-0006	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	296.62	31.28
	15MOD-0180	For Work In Restricted Working Space, Add	23.46	
	15MOD-0181	For Owner Furnished Material, Deduct	-218.42	
15112-0007	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	411.90	36.41
	15MOD-0180	For Work In Restricted Working Space, Add	27.30	
	15MOD-0181	For Owner Furnished Material, Deduct	-320.89	
15112-0008	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	508.43	41.80
	15MOD-0180	For Work In Restricted Working Space, Add	31.14	
	15MOD-0181	For Owner Furnished Material, Deduct	-404.62	
15112-0009	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	588.47	53.93
	15MOD-0180	For Work In Restricted Working Space, Add	40.45	
	15MOD-0181	For Owner Furnished Material, Deduct	-453.64	
15112-0010		Double Check Valve Assemblies With QT Shut-Offs And Strainer (15112-0002)		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
15112-0011	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	264.50	18.07
	15MOD-0180	For Work In Restricted Working Space, Add	13.55	
	15MOD-0181	For Owner Furnished Material, Deduct	-219.33	
15112-0012	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	328.02	25.62
	15MOD-0180	For Work In Restricted Working Space, Add	19.21	
	15MOD-0181	For Owner Furnished Material, Deduct	-263.98	
15112-0013	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	384.25	31.28
	15MOD-0180	For Work In Restricted Working Space, Add	23.46	
	15MOD-0181	For Owner Furnished Material, Deduct	-306.04	
15112-0014	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	536.74	36.41
	15MOD-0180	For Work In Restricted Working Space, Add	27.30	
	15MOD-0181	For Owner Furnished Material, Deduct	-445.73	
15112-0015	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	655.47	41.80
	15MOD-0180	For Work In Restricted Working Space, Add	31.14	
	15MOD-0181	For Owner Furnished Material, Deduct	-551.66	
15112-0016	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	791.47	53.93
	15MOD-0180	For Work In Restricted Working Space, Add	40.45	
	15MOD-0181	For Owner Furnished Material, Deduct	-656.64	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0017	Flanged Double Check Valve Assemblies <small>(15112-0001)</small>		
15112-0018	Double Check Valve Assemblies With NRS Shut-Offs <small>(15112-0017)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 NRS series).		
15112-0019	EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS).....	1,860.10	148.96
	15MOD-0180 For Work In Restricted Working Space, Add	59.58	
	15MOD-0181 For Owner Furnished Material, Deduct	-1,661.49	
15112-0020	EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS).....	2,045.17	167.58
	15MOD-0180 For Work In Restricted Working Space, Add	66.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-1,824.84	
15112-0021	Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(15112-0017)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 OSY series).		
15112-0022	EA 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	2,028.99	148.96
	15MOD-0180 For Work In Restricted Working Space, Add	59.58	
	15MOD-0181 For Owner Furnished Material, Deduct	-1,830.38	
15112-0023	EA 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	2,326.83	167.58
	15MOD-0180 For Work In Restricted Working Space, Add	66.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,106.50	
15112-0024	Double Check Valve Assemblies With NRS Shut-Offs <small>(15112-0017)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 NRS series).		
15112-0025	EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,312.05	148.96
	15MOD-0180 For Work In Restricted Working Space, Add	59.58	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,113.45	
15112-0026	EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,541.35	167.58
	15MOD-0180 For Work In Restricted Working Space, Add	66.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,321.01	
15112-0027	EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,899.52	248.26
	15MOD-0180 For Work In Restricted Working Space, Add	99.25	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,568.68	
15112-0028	EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	4,834.30	389.52
	15MOD-0180 For Work In Restricted Working Space, Add	211.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-4,130.64	
15112-0029	EA 8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	9,337.36	584.28
	15MOD-0180 For Work In Restricted Working Space, Add	316.70	
	15MOD-0181 For Owner Furnished Material, Deduct	-8,281.71	
15112-0030	EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	12,278.48	691.09
	15MOD-0180 For Work In Restricted Working Space, Add	376.96	
	15MOD-0181 For Owner Furnished Material, Deduct	-11,021.95	
15112-0031	Double Check Valve Assemblies With NRS Shut-Offs And Strainer <small>(15112-0017)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
15112-0032	EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	2,545.78	148.96
	15MOD-0180 For Work In Restricted Working Space, Add	59.58	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,347.18	
15112-0033	EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	2,820.96	167.58
	15MOD-0180 For Work In Restricted Working Space, Add	66.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,600.63	
15112-0034	EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	3,521.25	248.26
	15MOD-0180 For Work In Restricted Working Space, Add	99.24	
	15MOD-0181 For Owner Furnished Material, Deduct	-3,190.44	
15112-0035	EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	6,014.04	389.52
	15MOD-0180 For Work In Restricted Working Space, Add	211.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-5,310.38	
15112-0036	EA 8" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	11,324.71	584.28
	15MOD-0180 For Work In Restricted Working Space, Add	316.65	
	15MOD-0181 For Owner Furnished Material, Deduct	-10,269.22	
15112-0037	EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series).....	12,278.48	691.09
	15MOD-0180 For Work In Restricted Working Space, Add	376.96	
	15MOD-0181 For Owner Furnished Material, Deduct	-11,021.95	
15112-0038	Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(15112-0017)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 OSY series).		
15112-0039	EA 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,458.94	148.96
	15MOD-0180 For Work In Restricted Working Space, Add	59.58	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,260.34	
15112-0040	EA 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	2,808.46	167.58
	15MOD-0180 For Work In Restricted Working Space, Add	66.10	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,588.13	
15112-0041	EA 4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	3,210.78	248.26
	15MOD-0180 For Work In Restricted Working Space, Add	99.24	
	15MOD-0181 For Owner Furnished Material, Deduct	-2,879.97	

15000 Mechanical
15100 Building Services Valves And Equipment
15112 Backflow Preventer Valves



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0042	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	5,206.85	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-4,503.19	
15112-0043	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	9,958.76	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-8,903.27	
15112-0044	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series).....	13,520.34	691.09
		15MOD-0180 For Work In Restricted Working Space, Add	376.96	
		15MOD-0181 For Owner Furnished Material, Deduct	-12,263.81	
15112-0045		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(15112-0017)</small>		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
15112-0046	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,108.39	148.96
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-1,909.79	
15112-0047	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,321.21	167.58
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,100.88	
15112-0048	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,622.78	248.26
		15MOD-0180 For Work In Restricted Working Space, Add	99.24	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,291.97	
15112-0049	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	4,287.48	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-3,583.82	
15112-0050	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	8,141.00	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-7,085.51	
15112-0051	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	8,838.52	691.09
		15MOD-0180 For Work In Restricted Working Space, Add	376.96	
		15MOD-0181 For Owner Furnished Material, Deduct	-7,581.99	
15112-0052		N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(15112-0017)</small>		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
15112-0053	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757N OSY series).....	2,786.02	148.96
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,587.42	
15112-0054	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757N OSY series).....	2,998.84	167.58
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,778.51	
15112-0055	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	3,755.13	248.26
		15MOD-0180 For Work In Restricted Working Space, Add	99.24	
		15MOD-0181 For Owner Furnished Material, Deduct	-3,424.32	
15112-0056	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757N OSY series).....	6,183.08	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-5,479.42	
15112-0057	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757N OSY series).....	10,950.47	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-9,894.98	
15112-0058	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757N OSY series).....	13,030.97	691.09
		15MOD-0180 For Work In Restricted Working Space, Add	376.96	
		15MOD-0181 For Owner Furnished Material, Deduct	-11,774.44	
15112-0059		Double Check Valve Assemblies With NRS Shut-Off Valves <small>(15112-0017)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
15112-0060	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	1,973.61	148.96
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-1,775.01	
15112-0061	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	2,192.56	167.58
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-1,972.23	
15112-0062	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	2,500.18	248.26
		15MOD-0180 For Work In Restricted Working Space, Add	99.24	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,169.37	
15112-0063	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	4,191.16	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-3,487.50	
15112-0064	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	8,048.18	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-6,992.69	
15112-0065	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	9,097.67	691.09
		15MOD-0180 For Work In Restricted Working Space, Add	376.96	
		15MOD-0181 For Owner Furnished Material, Deduct	-7,841.14	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	15112-0066	N-Pattern Double Check Valve Assemblies With NRS Shut-Offs <small>(15112-0017)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
	15112-0067	EA 2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	2,594.42	148.96
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,395.82	
	15112-0068	EA 3" N-Pattern Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	2,807.24	167.58
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,586.91	
	15112-0069	EA 4" N-Pattern Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	3,563.77	248.26
		15MOD-0180 For Work In Restricted Working Space, Add	99.24	
		15MOD-0181 For Owner Furnished Material, Deduct	-3,232.96	
	15112-0070	EA 6" N-Pattern Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	5,979.26	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-5,275.60	
	15112-0071	EA 8" N-Pattern Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	10,641.97	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-9,586.48	
	15112-0072	EA 10" N-Pattern Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	12,721.56	691.09
		15MOD-0180 For Work In Restricted Working Space, Add	376.96	
		15MOD-0181 For Owner Furnished Material, Deduct	-11,465.03	
	15112-0073	Double Check Valve Assemblies With Butterfly Shut-Off Valves <small>(15112-0017)</small> Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
	15112-0074	EA 2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	2,292.37	148.96
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,093.77	
	15112-0075	EA 3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	2,505.19	167.58
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,284.86	
	15112-0076	EA 4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	2,806.76	248.26
		15MOD-0180 For Work In Restricted Working Space, Add	99.24	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,475.95	
	15112-0077	EA 6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,476.09	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-3,772.43	
	15112-0078	EA 8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	8,329.61	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-7,274.12	
	15112-0079	N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs <small>(15112-0017)</small> Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
	15112-0080	EA 2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series).....	2,970.00	148.96
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,771.40	
	15112-0081	EA 3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	3,182.82	167.58
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,962.49	
	15112-0082	EA 4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	3,939.11	248.26
		15MOD-0180 For Work In Restricted Working Space, Add	99.24	
		15MOD-0181 For Owner Furnished Material, Deduct	-3,608.30	
	15112-0083	EA 6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	6,371.73	389.52
		15MOD-0180 For Work In Restricted Working Space, Add	211.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-5,668.07	
	15112-0084	EA 8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	8,329.61	584.28
		15MOD-0180 For Work In Restricted Working Space, Add	316.65	
		15MOD-0181 For Owner Furnished Material, Deduct	-7,274.12	
	15112-0085	Grooved Double Check Valve Assemblies <small>(15112-0001)</small>		
	15112-0086	Double Check Valve Assemblies With QT Shut-Offs <small>(15112-0085)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
	15112-0087	EA 2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	1,973.61	79.44
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-1,775.01	
	15112-0088	EA 3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	2,192.56	88.14
		15MOD-0180 For Work In Restricted Working Space, Add	66.10	
		15MOD-0181 For Owner Furnished Material, Deduct	-1,972.23	
	15112-0089	N-Patten Double Check Valve Assemblies With QT Shut-Offs <small>(15112-0085)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
	15112-0090	EA 2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shut-offs (Watts 757 QT series).....	2,594.42	79.44
		15MOD-0180 For Work In Restricted Working Space, Add	59.58	
		15MOD-0181 For Owner Furnished Material, Deduct	-2,395.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0091	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shut-offs (Watts 757 QT series)	2,807.24	88.14
	15MOD-0180	For Work In Restricted Working Space, Add	66.10	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,586.91	
15112-0092		Reduced Pressure Zone Backflow Preventer Assemblies (15112)		
15112-0093		Threaded Reduced Pressure Zone Assemblies (15112-0092)		
15112-0094		Reduced Pressure Zone Assemblies With QT Shut-Offs (15112-0093)		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
15112-0095	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	237.44	15.64
	15MOD-0180	For Work In Restricted Working Space, Add	11.73	
	15MOD-0181	For Owner Furnished Material, Deduct	-198.34	
15112-0096	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	251.11	17.26
	15MOD-0180	For Work In Restricted Working Space, Add	12.94	
	15MOD-0181	For Owner Furnished Material, Deduct	-207.97	
15112-0097	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	291.53	18.07
	15MOD-0180	For Work In Restricted Working Space, Add	13.55	
	15MOD-0181	For Owner Furnished Material, Deduct	-246.36	
15112-0098	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	392.14	25.62
	15MOD-0180	For Work In Restricted Working Space, Add	19.21	
	15MOD-0181	For Owner Furnished Material, Deduct	-328.10	
15112-0099	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	465.69	31.28
	15MOD-0180	For Work In Restricted Working Space, Add	23.46	
	15MOD-0181	For Owner Furnished Material, Deduct	-387.48	
15112-0100	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	698.85	36.41
	15MOD-0180	For Work In Restricted Working Space, Add	27.30	
	15MOD-0181	For Owner Furnished Material, Deduct	-607.84	
15112-0101	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	740.24	41.80
	15MOD-0180	For Work In Restricted Working Space, Add	31.14	
	15MOD-0181	For Owner Furnished Material, Deduct	-636.43	
15112-0102	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	890.06	53.93
	15MOD-0180	For Work In Restricted Working Space, Add	40.45	
	15MOD-0181	For Owner Furnished Material, Deduct	-755.23	
15112-0103		Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer (15112-0093)		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
15112-0104	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	261.45	15.64
	15MOD-0180	For Work In Restricted Working Space, Add	11.73	
	15MOD-0181	For Owner Furnished Material, Deduct	-222.35	
15112-0105	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	276.41	17.26
	15MOD-0180	For Work In Restricted Working Space, Add	12.94	
	15MOD-0181	For Owner Furnished Material, Deduct	-233.27	
15112-0106	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	326.21	25.62
	15MOD-0180	For Work In Restricted Working Space, Add	13.55	
	15MOD-0181	For Owner Furnished Material, Deduct	-281.04	
15112-0107	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	446.64	25.62
	15MOD-0180	For Work In Restricted Working Space, Add	19.21	
	15MOD-0181	For Owner Furnished Material, Deduct	-382.60	
15112-0108	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	533.83	31.28
	15MOD-0180	For Work In Restricted Working Space, Add	23.46	
	15MOD-0181	For Owner Furnished Material, Deduct	-455.62	
15112-0109	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	791.78	36.41
	15MOD-0180	For Work In Restricted Working Space, Add	27.30	
	15MOD-0181	For Owner Furnished Material, Deduct	-700.77	
15112-0110	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	871.39	41.80
	15MOD-0180	For Work In Restricted Working Space, Add	31.14	
	15MOD-0181	For Owner Furnished Material, Deduct	-767.58	
15112-0111	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,050.96	53.93
	15MOD-0180	For Work In Restricted Working Space, Add	40.45	
	15MOD-0181	For Owner Furnished Material, Deduct	-916.13	
15112-0112		Reduced Pressure Zone Assemblies With QT Shut-Offs (15112-0093)		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
15112-0113	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	392.14	25.62
	15MOD-0180	For Work In Restricted Working Space, Add	19.21	
	15MOD-0181	For Owner Furnished Material, Deduct	-328.10	
15112-0114	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	465.68	31.28
	15MOD-0180	For Work In Restricted Working Space, Add	23.46	
	15MOD-0181	For Owner Furnished Material, Deduct	-387.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0115 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	698.85	36.41
15MOD-0180 For Work In Restricted Working Space, Add	27.30	
15MOD-0181 For Owner Furnished Material, Deduct	-607.84	
15112-0116 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	740.24	41.80
15MOD-0180 For Work In Restricted Working Space, Add	31.14	
15MOD-0181 For Owner Furnished Material, Deduct	-636.43	
15112-0117 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	890.06	53.93
15MOD-0180 For Work In Restricted Working Space, Add	40.45	
15MOD-0181 For Owner Furnished Material, Deduct	-755.23	
15112-0118 Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer (15112-0093)		
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
15112-0119 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	446.64	25.62
15MOD-0180 For Work In Restricted Working Space, Add	19.21	
15MOD-0181 For Owner Furnished Material, Deduct	-382.60	
15112-0120 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	533.83	31.28
15MOD-0180 For Work In Restricted Working Space, Add	23.46	
15MOD-0181 For Owner Furnished Material, Deduct	-455.62	
15112-0121 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	791.78	36.41
15MOD-0180 For Work In Restricted Working Space, Add	27.30	
15MOD-0181 For Owner Furnished Material, Deduct	-700.77	
15112-0122 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	871.39	41.80
15MOD-0180 For Work In Restricted Working Space, Add	31.14	
15MOD-0181 For Owner Furnished Material, Deduct	-767.58	
15112-0123 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,050.96	53.93
15MOD-0180 For Work In Restricted Working Space, Add	40.45	
15MOD-0181 For Owner Furnished Material, Deduct	-916.13	
15112-0124 Reduced Pressure Zone Assemblies With QT Shut-Offs (15112-0093)		
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
15112-0125 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT)	580.72	25.62
15MOD-0180 For Work In Restricted Working Space, Add	19.21	
15MOD-0181 For Owner Furnished Material, Deduct	-516.68	
15112-0126 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT)	688.00	31.28
15MOD-0180 For Work In Restricted Working Space, Add	23.46	
15MOD-0181 For Owner Furnished Material, Deduct	-609.79	
15112-0127 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,048.07	36.41
15MOD-0180 For Work In Restricted Working Space, Add	27.30	
15MOD-0181 For Owner Furnished Material, Deduct	-957.06	
15112-0128 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,135.84	41.80
15MOD-0180 For Work In Restricted Working Space, Add	31.14	
15MOD-0181 For Owner Furnished Material, Deduct	-1,032.03	
15112-0129 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,323.40	53.93
15MOD-0180 For Work In Restricted Working Space, Add	40.45	
15MOD-0181 For Owner Furnished Material, Deduct	-1,188.57	
15112-0130 Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer (15112-0093)		
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 909 QT-S series).		
15112-0131 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	654.14	25.62
15MOD-0180 For Work In Restricted Working Space, Add	19.21	
15MOD-0181 For Owner Furnished Material, Deduct	-590.10	
15112-0132 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	779.07	31.28
15MOD-0180 For Work In Restricted Working Space, Add	23.46	
15MOD-0181 For Owner Furnished Material, Deduct	-700.86	
15112-0133 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,174.56	36.41
15MOD-0180 For Work In Restricted Working Space, Add	27.30	
15MOD-0181 For Owner Furnished Material, Deduct	-1,083.55	
15112-0134 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,285.25	41.80
15MOD-0180 For Work In Restricted Working Space, Add	31.14	
15MOD-0181 For Owner Furnished Material, Deduct	-1,181.44	
15112-0135 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,533.53	53.93
15MOD-0180 For Work In Restricted Working Space, Add	40.45	
15MOD-0181 For Owner Furnished Material, Deduct	-1,398.70	
15112-0136 Flanged Reduced Pressure Zone Assemblies (15112-0092)		
15112-0137 Reduced Pressure Zone Assemblies With NRS Shut-Offs (15112-0136)		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 009 NRS series).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0138	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series).....	2,231.94	148.96
	15MOD-0180	For Work In Restricted Working Space, Add	59.58	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,033.33	
15112-0139	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series).....	2,513.79	167.58
	15MOD-0180	For Work In Restricted Working Space, Add	66.10	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,293.46	
15112-0140		Reduced Pressure Zone Assemblies With NRS Shut-Off And Strainer <small>(15112-0136)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 009 NRS-S series).		
15112-0141	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,486.77	148.96
	15MOD-0180	For Work In Restricted Working Space, Add	59.58	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,288.16	
15112-0142	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series).....	2,813.18	167.58
	15MOD-0180	For Work In Restricted Working Space, Add	66.10	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,592.85	
15112-0143		Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(15112-0136)</small>		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 009 OSY series).		
15112-0144	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series).....	2,391.13	148.96
	15MOD-0180	For Work In Restricted Working Space, Add	59.58	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,192.52	
15112-0145	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series)	2,779.27	167.58
	15MOD-0180	For Work In Restricted Working Space, Add	66.10	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,558.94	
15112-0146		Reduced Pressure Zone Assemblies With QT Shut-Offs <small>(15112-0136)</small>		
		Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts 009 QT-FDA series).		
15112-0147	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series).....	2,822.54	148.96
	15MOD-0180	For Work In Restricted Working Space, Add	59.58	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,623.93	
15112-0148	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series).....	3,227.93	167.58
	15MOD-0180	For Work In Restricted Working Space, Add	66.10	
	15MOD-0181	For Owner Furnished Material, Deduct	-3,007.60	
15112-0149		Reduced Pressure Zone Assemblies With QT Shut-Offs <small>(15112-0136)</small>		
		Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts FAE 909 QT series).		
15112-0150	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,062.36	93.10
	15MOD-0180	For Work In Restricted Working Space, Add	37.24	
	15MOD-0181	For Owner Furnished Material, Deduct	-938.23	
15112-0151	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,176.94	108.62
	15MOD-0180	For Work In Restricted Working Space, Add	43.76	
	15MOD-0181	For Owner Furnished Material, Deduct	-1,031.09	
15112-0152	EA	2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,393.64	127.24
	15MOD-0180	For Work In Restricted Working Space, Add	51.20	
	15MOD-0181	For Owner Furnished Material, Deduct	-1,222.96	
15112-0153		Reduced Pressure Zone Assemblies With QT Shut-Offs And Strainer <small>(15112-0136)</small>		
		Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, iron body strainers, and captured spring assemblies (Watts FAE 909 QT-S series).		
15112-0154	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series).....	1,157.61	93.10
	15MOD-0180	For Work In Restricted Working Space, Add	37.24	
	15MOD-0181	For Owner Furnished Material, Deduct	-1,033.48	
15112-0155	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series).....	1,483.24	108.62
	15MOD-0180	For Work In Restricted Working Space, Add	43.76	
	15MOD-0181	For Owner Furnished Material, Deduct	-1,337.39	
15112-0156	EA	2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series).....	1,558.99	127.24
	15MOD-0180	For Work In Restricted Working Space, Add	51.20	
	15MOD-0181	For Owner Furnished Material, Deduct	-1,388.31	
15112-0157		Reduced Pressure Zone Assemblies With NRS Shut-Offs <small>(15112-0136)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 909 NRS series).		
15112-0158	EA	2 1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series).....	2,798.32	148.96
	15MOD-0180	For Work In Restricted Working Space, Add	59.58	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,599.72	
15112-0159	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	3,155.99	167.58
	15MOD-0180	For Work In Restricted Working Space, Add	66.10	
	15MOD-0181	For Owner Furnished Material, Deduct	-2,935.65	
15112-0160	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	3,896.89	248.26
	15MOD-0180	For Work In Restricted Working Space, Add	99.25	
	15MOD-0181	For Owner Furnished Material, Deduct	-3,566.05	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0161	EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	6,663.62 295.55 -5,678.45	389.52
15112-0162	EA 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	11,422.50 443.33 -9,944.73	584.28
15112-0163	EA 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	14,473.98 376.96 -13,217.45	691.09
15112-0164	Reduced Pressure Zone Assemblies With NRS Shut-Off And Strainer (15112-0136) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 909 NRS-S series).		
15112-0165	EA 2 1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	3,032.64 59.58 -2,834.04	148.96
15112-0166	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	3,432.11 66.10 -3,211.78	167.58
15112-0167	EA 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	4,429.19 99.24 -4,098.38	248.26
15112-0168	EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	7,393.82 211.10 -6,690.16	389.52
15112-0169	EA 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	12,702.85 316.65 -11,647.36	584.28
15112-0170	EA 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	17,400.79 376.96 -16,144.26	691.09
15112-0171	Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs (15112-0136) Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 909 OSY series).		
15112-0172	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	2,894.83 59.58 -2,696.23	148.96
15112-0173	EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	3,357.46 66.10 -3,137.12	167.58
15112-0174	EA 4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	4,011.20 99.25 -3,680.36	248.26
15112-0175	EA 6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	6,561.29 211.10 -5,857.63	389.52
15112-0176	EA 8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	11,284.67 316.65 -10,229.18	584.28
15112-0177	EA 10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	15,936.25 376.96 -14,679.72	691.09
15112-0178	Reduced Pressure Zone Assemblies With NRS Shut-Offs (15112-0136) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 NRS BB series).		
15112-0179	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	4,743.49 59.58 -4,544.88	148.96
15112-0180	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series) 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	5,352.47 66.10 -5,132.14	167.58
15112-0181	Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs (15112-0136) Note: Includes ball type test cocks, two outside stem and yoke resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 OSY BB series).		
15112-0182	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	4,961.22 59.58 -4,762.61	148.96
15112-0183	EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series)..... 15MOD-0180 For Work In Restricted Working Space, Add 15MOD-0181 For Owner Furnished Material, Deduct	5,761.76 66.10 -5,541.43	167.58
15112-0184	Double Check Detector Assemblies (15112)		

15000 Mechanical
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0185 Flanged Double Check Detector Assemblies With Meter <small>(15112-0184)</small>		
15112-0186 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter <small>(15112-0185)</small>		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series)		
15112-0187 EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	4,167.89	167.58
15MOD-0180 For Work In Restricted Working Space, Add	66.10	
15MOD-0181 For Owner Furnished Material, Deduct	-3,947.56	
15112-0188 EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	4,369.97	248.26
15MOD-0180 For Work In Restricted Working Space, Add	99.24	
15MOD-0181 For Owner Furnished Material, Deduct	-4,039.16	
15112-0189 EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	5,948.65	389.52
15MOD-0180 For Work In Restricted Working Space, Add	211.10	
15MOD-0181 For Owner Furnished Material, Deduct	-5,244.99	
15112-0190 EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	10,536.11	584.28
15MOD-0180 For Work In Restricted Working Space, Add	316.65	
15MOD-0181 For Owner Furnished Material, Deduct	-9,480.62	
15112-0191 EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	14,213.34	691.09
15MOD-0180 For Work In Restricted Working Space, Add	376.96	
15MOD-0181 For Owner Furnished Material, Deduct	-12,956.81	
15112-0192 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter <small>(15112-0185)</small>		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series)		
15112-0193 EA 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,123.10	148.96
15MOD-0180 For Work In Restricted Working Space, Add	59.58	
15MOD-0181 For Owner Furnished Material, Deduct	-2,924.49	
15112-0194 EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,335.72	167.58
15MOD-0180 For Work In Restricted Working Space, Add	66.10	
15MOD-0181 For Owner Furnished Material, Deduct	-3,115.39	
15112-0195 EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,641.80	248.26
15MOD-0180 For Work In Restricted Working Space, Add	99.24	
15MOD-0181 For Owner Furnished Material, Deduct	-3,310.99	
15112-0196 EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,002.95	389.52
15MOD-0180 For Work In Restricted Working Space, Add	211.10	
15MOD-0181 For Owner Furnished Material, Deduct	-4,299.29	
15112-0197 EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	8,826.84	584.28
15MOD-0180 For Work In Restricted Working Space, Add	316.65	
15MOD-0181 For Owner Furnished Material, Deduct	-7,771.35	
15112-0198 EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	10,410.14	691.09
15MOD-0180 For Work In Restricted Working Space, Add	376.96	
15MOD-0181 For Owner Furnished Material, Deduct	-9,153.61	
15112-0199 Double Check Detector Assembly With Butterfly Valves And Meter <small>(15112-0185)</small>		
Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series)		
15112-0200 EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,307.12	148.96
15MOD-0180 For Work In Restricted Working Space, Add	59.58	
15MOD-0181 For Owner Furnished Material, Deduct	-3,108.51	
15112-0201 EA 3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,519.73	167.58
15MOD-0180 For Work In Restricted Working Space, Add	66.10	
15MOD-0181 For Owner Furnished Material, Deduct	-3,299.40	
15112-0202 EA 4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,825.78	248.26
15MOD-0180 For Work In Restricted Working Space, Add	99.24	
15MOD-0181 For Owner Furnished Material, Deduct	-3,494.97	
15112-0203 EA 6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	5,191.56	389.52
15MOD-0180 For Work In Restricted Working Space, Add	211.10	
15MOD-0181 For Owner Furnished Material, Deduct	-4,487.90	
15112-0204 EA 8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	8,600.54	584.28
15MOD-0180 For Work In Restricted Working Space, Add	316.65	
15MOD-0181 For Owner Furnished Material, Deduct	-7,545.05	
15112-0205 Flanged Double Check Detector Assemblies Without Meter <small>(15112-0184)</small>		
15112-0206 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter <small>(15112-0205)</small>		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0207	EA 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	3,065.00 59.58	148.96
15112-0208	EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	3,277.64 66.10	167.58
15112-0209	EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	3,583.73 99.24	248.26
15112-0210	EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	4,944.87 211.10	389.52
15112-0211	EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	8,768.80 316.65	584.28
15112-0212	EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	10,352.03 376.96	691.09
15112-0213	Double Check Detector Assembly With Butterfly Valves Less Meter <small>(15112-0205)</small> Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
15112-0214	EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	3,249.00 59.58	148.96
15112-0215	EA 3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	3,461.62 66.10	167.58
15112-0216	EA 4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	3,767.70 99.24	248.26
15112-0217	EA 6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	5,133.45 211.10	389.52
15112-0218	EA 8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series) <i>15MOD-0180 For Work In Restricted Working Space, Add</i>	8,957.42 316.65	584.28
15112-0219	Backflow Preventer Accessories <small>(15112)</small>		
15112-0220	Air Gap <small>(15112-0219)</small>		
15112-0221	EA Up To 1" Diameter Air Gap For Backflow Preventer	62.24	8.43
15112-0222	EA 1-1/4" To 2" Diameter Air Gap For Backflow Preventer	76.48	10.11
15112-0223	EA 2-1/2" To 3" Diameter Air Gap For Backflow Preventer	141.49	13.48
15112-0224	EA 4" To 6" Diameter Air Gap For Backflow Preventer	278.68	23.59
15112-0225	EA 8" To 10" Diameter Air Gap For Backflow Preventer	298.91	33.70
15112-0226	Brass Test Cocks <small>(15112-0219)</small>		
15112-0227	EA 1/8" Or 1/4" Brass Test Cock	20.21	3.37
15112-0228	Insulated Valve Enclosures <small>(15112)</small>		
15112-0229	Flip-Top, Insulated Fiberglass Valve Enclosures <small>(15112-0228)</small> Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
15112-0230	EA 19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	553.22	60.67
	<i>15MOD-0681 For Heated Enclosure, Add</i>	67.82	
15112-0231	EA 27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	679.72	60.67
	<i>15MOD-0681 For Heated Enclosure, Add</i>	86.79	
15112-0232	EA 27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	860.90	55.86
	<i>15MOD-0681 For Heated Enclosure, Add</i>	115.17	
15112-0233	EA 33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	895.23	74.48
	<i>15MOD-0681 For Heated Enclosure, Add</i>	115.67	
15112-0234	EA 39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	938.13	74.48
	<i>15MOD-0681 For Heated Enclosure, Add</i>	122.10	
15112-0235	EA 47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,105.33	74.48
	<i>15MOD-0681 For Heated Enclosure, Add</i>	147.18	
15112-0236	EA 39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,109.73	74.48
	<i>15MOD-0681 For Heated Enclosure, Add</i>	147.84	
15112-0237	EA 47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,394.63	74.48
	<i>15MOD-0681 For Heated Enclosure, Add</i>	190.58	
15112-0238	EA 70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,210.10	111.72
	<i>15MOD-0681 For Heated Enclosure, Add</i>	453.59	
15112-0239	EA 83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,647.80	111.72
	<i>15MOD-0681 For Heated Enclosure, Add</i>	669.24	
15112-0240	EA 70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,416.80	111.72
	<i>15MOD-0681 For Heated Enclosure, Add</i>	634.59	
15112-0241	EA 83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	5,317.93	130.33
	<i>15MOD-0681 For Heated Enclosure, Add</i>	765.11	
15112-0242	One-Piece Drop Over, Insulated Fiberglass Valve Enclosures <small>(15112-0228)</small> Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
15112-0243	EA 20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	301.97	16.18
	<i>15MOD-0682 For Heated Enclosure, Add</i>	55.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15112-0244	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	418.57	16.18
		15MOD-0682 For Heated Enclosure, Add	78.32	
15112-0245	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	524.23	14.90
		15MOD-0682 For Heated Enclosure, Add	99.88	
15112-0246	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	790.43	14.90
		15MOD-0682 For Heated Enclosure, Add	153.12	
15112-0247	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,044.15	27.93
		15MOD-0682 For Heated Enclosure, Add	399.52	
15112-0248	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,788.85	27.93
		15MOD-0682 For Heated Enclosure, Add	548.46	
15112-0249	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,859.35	27.93
		15MOD-0682 For Heated Enclosure, Add	362.56	
15112-0250	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,103.55	27.93
		15MOD-0682 For Heated Enclosure, Add	411.40	
15112-0251	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,288.25	27.93
		15MOD-0682 For Heated Enclosure, Add	648.34	

15112-0252 Sectional, Insulated Aluminum Valve Enclosures (15112-0228)

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

15112-0253	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	4,175.45	121.35
		15MOD-0681 For Heated Enclosure, Add	595.98	
15112-0254	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	4,601.15	121.35
		15MOD-0681 For Heated Enclosure, Add	659.84	
15112-0255	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	3,261.80	111.72
		15MOD-0681 For Heated Enclosure, Add	461.34	
15112-0256	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	3,576.40	111.72
		15MOD-0681 For Heated Enclosure, Add	508.53	
15112-0257	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	4,163.16	148.96
		15MOD-0681 For Heated Enclosure, Add	587.24	
15112-0258	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	4,666.96	148.96
		15MOD-0681 For Heated Enclosure, Add	662.81	
15112-0259	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	4,666.96	148.96
		15MOD-0681 For Heated Enclosure, Add	662.81	
15112-0260	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,155.36	148.96
		15MOD-0681 For Heated Enclosure, Add	736.07	
15112-0261	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	3,872.53	130.33
		15MOD-0681 For Heated Enclosure, Add	548.30	
15112-0262	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	4,533.86	148.96
		15MOD-0681 For Heated Enclosure, Add	642.84	
15112-0263	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	5,296.16	148.96
		15MOD-0681 For Heated Enclosure, Add	757.19	
15112-0264	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	5,813.28	158.27
		15MOD-0681 For Heated Enclosure, Add	832.43	
15112-0265	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	5,962.51	171.91
		15MOD-0681 For Heated Enclosure, Add	851.40	
15112-0266	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	6,608.57	182.02
		15MOD-0681 For Heated Enclosure, Add	945.78	
15112-0267	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	6,836.39	167.58
		15MOD-0681 For Heated Enclosure, Add	983.57	
15112-0268	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	4,966.16	148.96
		15MOD-0681 For Heated Enclosure, Add	707.69	
15112-0269	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	5,292.86	148.96
		15MOD-0681 For Heated Enclosure, Add	756.69	
15112-0270	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	5,988.18	158.27
		15MOD-0681 For Heated Enclosure, Add	858.66	
15112-0271	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	7,255.49	167.58
		15MOD-0681 For Heated Enclosure, Add	1,046.43	
15112-0272	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	6,332.59	74.48
		15MOD-0681 For Heated Enclosure, Add	908.00	
15112-0273	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	7,607.61	74.48
		15MOD-0681 For Heated Enclosure, Add	1,096.92	
15112-0274	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	7,355.71	111.72
		15MOD-0681 For Heated Enclosure, Add	1,059.14	
15112-0275	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	8,534.05	111.72
		15MOD-0681 For Heated Enclosure, Add	1,231.23	
15112-0276	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	7,875.03	111.72
		15MOD-0681 For Heated Enclosure, Add	1,134.71	
15112-0277	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	9,202.96	130.33
		15MOD-0681 For Heated Enclosure, Add	1,329.24	
15112-0278	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	9,233.99	111.72
		15MOD-0681 For Heated Enclosure, Add	1,329.24	
15112-0279	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	10,953.52	111.72
		15MOD-0681 For Heated Enclosure, Add	1,582.52	

15113 Diaphragm Valves (15100)

15113-0001 Cast Iron Valves (15113)

15113-0002 PTFE Or Viton Lined, Threaded Cast Iron Valves (15113-0001)

15113-0003	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	116.70	20.18
15113-0004	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	147.20	22.34
15113-0005	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	161.93	27.62



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15113-0006	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	255.39	41.27
15113-0007	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, PTFE or Viton Lined, Hand Wheel Operated	399.62	49.65
15113-0008		PTFE Or Viton Lined, Flanged Cast Iron Valves (15113-0001)		
15113-0009	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	137.38	30.34
15113-0010	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	158.83	37.08
15113-0011	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	190.33	50.56
15113-0012	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	285.83	70.79
15113-0013	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	446.27	89.86
15113-0014	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated	560.93	89.99
15113-0015	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	694.29	105.51
15113-0016	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	993.48	176.89
15113-0017	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	2,043.29	251.31
15113-0018	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, PTFE or Viton Lined, Hand Wheel Operated.....	3,101.02	289.00
15113-0019		EPDM Lined, Threaded Cast Iron Valves (15113-0001)		
15113-0020	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	76.93	20.18
15113-0021	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	98.01	22.34
15113-0022	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	112.74	27.62
15113-0023	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	188.41	41.27
15113-0024	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, EPDM Lined, Hand Wheel Operated	243.69	49.65
15113-0025		EPDM Lined, Flanged Cast Iron Valves (15113-0001)		
15113-0026	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	99.14	30.34
15113-0027	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	111.56	33.70
15113-0028	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	143.06	50.56
15113-0029	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	221.47	70.79
15113-0030	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	296.41	89.86
15113-0031	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	352.81	89.99
15113-0032	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	427.76	105.51
15113-0033	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	679.30	176.89
15113-0034	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	1,339.41	251.31
15113-0035	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, EPDM Lined, Hand Wheel Operated.....	1,984.60	289.00
15113-0036		125#, Flanged Cast Iron Valves, Hand Wheel Operated (15113-0001)		
15113-0037	EA	1" Diaphragm Valve, Cast Iron, 125#, Flanged.....	176.09	50.56
15113-0038	EA	1-1/2" Diaphragm Valve, Cast Iron, 125#, Flanged.....	280.60	70.79
15113-0039	EA	2" Diaphragm Valve, Cast Iron, 125#, Flanged.....	375.38	89.86
15113-0040	EA	2-1/2" Diaphragm Valve, Cast Iron, 125#, Flanged.....	523.10	89.99
15113-0041	EA	3" Diaphragm Valve, Cast Iron, 125#, Flanged.....	580.35	105.51
15113-0042	EA	4" Diaphragm Valve, Cast Iron, 125#, Flanged.....	914.80	176.89
15113-0043	EA	6" Diaphragm Valve, Cast Iron, 125#, Flanged.....	1,819.50	251.31
15113-0044	EA	8" Diaphragm Valve, Cast Iron, 125#, Flanged.....	3,637.72	289.00
15115		Faucets (Hose Bibbs) (15100)		
15115-0001		Bronze Garden Hose Valves With Screwed Ends (15115)		
		Note: Rated 125 LB		
15115-0002	EA	1/2" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#	29.99	6.74
15115-0003	EA	3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#.....	36.10	7.42
15115-0004		Hose Valves With Screwed Ends And Vacuum Breaker (15115)		
15115-0005	EA	3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125#	49.59	20.63
15115-0006		Hose Valves With Screwed Ends (15115)		
15115-0007	EA	3/4" Hose Valve With Screwed Ends; Chicago Faucets #387-CP.....	91.01	20.63
15115-0008		1/2" Anti-Siphon Frostproof Sillcocks (15115)		
15115-0009	EA	1/2" Anti-Siphon Frostproof Sillcocks, 4" Long.....	74.06	16.86
15115-0010	EA	1/2" Anti-Siphon Frostproof Sillcocks, 6" Long.....	81.93	18.67
15115-0011	EA	1/2" Anti-Siphon Frostproof Sillcocks, 8" Long.....	85.06	19.75
15115-0012	EA	1/2" Anti-Siphon Frostproof Sillcocks, 10" Long.....	90.19	21.17
15115-0013	EA	1/2" Anti-Siphon Frostproof Sillcocks, 12" Long.....	94.31	22.45
15116		Outlet Boxes (15100)		
15116-0001		Washer And Dryer Outlets (15116)		
15116-0002		Washer Boxes And Dryer Vents (15116-0001)		

15000 Mechanical
15100 Building Services Valves And Equipment
15116 Outlet Boxes



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15116-0003		Washer Box For Plastic Drain <small>(15116-0002)</small>		
		Note: Includes 1/2" supply valves and connections wall mount.		
15116-0004	EA	1-1/2" Washer Box Drain, Plastic With 1/2" Supply Valve And Connections Wall Mount.....	157.79	13.48
15116-0005	EA	2" Washer Box Drain, Plastic With 1/2" Supply Valve And Connections Wall Mount.....	158.21	13.48
15116-0006		Washer Box <small>(15116-0002)</small>		
		Note: Includes 1/2" supply valves and connections flush mount.		
15116-0007	EA	1-1/2" Washer Box Drain, Plastic With 1/2" Supply Valve And Connections Flush Mount.....	157.79	13.48
15116-0008	EA	1-1/2" Washer Box Drain, Plastic With Receptacle, 1/2" Supply Valve And Connections Flush Mount, With 15 Amp DX Outlet.....	171.71	13.48
15116-0009	EA	1-1/2" Washer Box Drain, Plastic, With Receptacle (Washer And Dryer) 1/2" Supply Valve And Connections Flush Mount, With 15 Amp DX Outlet.....	177.35	13.48
15116-0010	EA	2" Washer Box Drain, Plastic With 1/2" Supply Valve And Connections Flush Mount.....	166.65	13.48
15116-0011	EA	2" Washer Box Drain, Plastic With Receptacle, 1/2" Supply Valve And Connections Flush Mount, With 15 Amp DX Outlet.....	172.18	13.48
15116-0012	EA	2" Washer Box Drain, Plastic, With Receptacle (Washer And Dryer) 1/2" Supply Valve And Connections Flush Mount, With 15 Amp DX Outlet.....	177.81	13.48
15116-0013		Dryer Vent Kit <small>(15116-0002)</small>		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
15116-0014	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps.....	50.78	8.76
15116-0015		Ice Maker Outlet Box <small>(15116)</small>		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
15116-0016	EA	Plastic Ice Maker Outlet Box, With 1/2" Quarter Turn Ball Valve And Connections Wall Mount.....	83.58	13.48
15116-0017	EA	Metal Ice Maker Outlet Box, With 1/2" Quarter Turn Ball Valve And Connections Wall Mount.....	105.12	13.48
15116-0018	EA	Plastic Ice Maker Outlet Box, With 1/2" Quarter Turn Ball Valve, Mounted Water Hammer Arrestor And Connections Wall Mount.....	124.65	13.48
15117		Backwater Valves <small>(15100)</small>		
15117-0001		Cast Iron Backwater Sewer Line Valve <small>(15117)</small>		
		Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
15117-0002	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly.....	447.93	42.48
15117-0003	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly.....	672.79	51.52
15117-0004	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly.....	833.64	66.41
15117-0005	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly.....	1,166.98	79.79
15117-0006	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly.....	1,604.29	94.56
15117-0007	EA	10" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly.....	2,144.19	125.65
15117-0008		Cast Iron Drainage Control Backwater Valve <small>(15117)</small>		
		Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
15117-0009	EA	3" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate.....	970.22	67.03
15117-0010	EA	4" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate.....	1,101.71	83.16
15117-0011	EA	5" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate.....	1,274.33	94.87
15117-0012	EA	6" Drainage Control Backwater Valve, Cast Iron, Offset Type With Bronze Manually Operated Shear Gate.....	1,518.43	116.85
15117-0013		PVC Backwater Sewer Line Valve <small>(15117)</small>		
		Note: Oatey		
15117-0014	EA	3" PVC Backwater Sewer Valve.....	141.41	51.52
15117-0015	EA	4" PVC Backwater Sewer Valve.....	175.32	66.41
15117-0016	EA	6" PVC Backwater Sewer Valve.....	338.12	79.79
15121		Pressure Regulating Valves <small>(15100)</small>		
15121-0001		Pressure Regulating Valve <small>(15121)</small>		
15121-0002		Water Pressure Reducing Valve Threaded <small>(15121-0001)</small>		
		Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction		
15121-0003	EA	1/2" Water Pressure Reducing Valve, Iron Construction, Threaded.....	93.88	8.43
		15MOD-0183 For Work In Restricted Working Space, Add.....	10.11	
15121-0004	EA	3/4" Water Pressure Reducing Valve, Iron Construction, Threaded.....	114.15	9.44
		15MOD-0183 For Work In Restricted Working Space, Add.....	11.24	
15121-0005	EA	1" Water Pressure Reducing Valve, Iron Construction, Threaded.....	146.59	10.11
		15MOD-0183 For Work In Restricted Working Space, Add.....	11.90	
15121-0006	EA	1-1/4" Water Pressure Reducing Valve, Iron Construction, Threaded.....	242.62	11.32
		15MOD-0183 For Work In Restricted Working Space, Add.....	13.49	
15121-0007	EA	1-1/2" Water Pressure Reducing Valve, Iron Construction, Threaded.....	326.61	13.48
		15MOD-0183 For Work In Restricted Working Space, Add.....	16.18	
15121-0008	EA	2" Water Pressure Reducing Valve, Iron Construction, Threaded.....	470.11	20.67
		15MOD-0183 For Work In Restricted Working Space, Add.....	24.83	
15121-0009	EA	2-1/2" Water Pressure Reducing Valve, Iron Construction.....	512.56	23.27
		15MOD-0183 For Work In Restricted Working Space, Add.....	27.93	
15121-0010	EA	3" Water Pressure Reducing Valve, Iron Construction, Threaded.....	563.63	67.34
		15MOD-0183 For Work In Restricted Working Space, Add.....	31.03	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15121-0011	Steam Pressure Regulator And Reducer <small>(15121-0001)</small>		
	Note: Single seated, spring loaded, direct acting diaphragm valve, iron body		
15121-0012	EA 1/2" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm.....	153.65	11.33
	15MOD-0182 For Cast Iron Body, Add.....	135.48	
	15MOD-0183 For Work In Restricted Working Space, Add.....	13.58	
15121-0013	EA 3/4" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm.....	195.35	16.05
	15MOD-0182 For Cast Iron Body, Add.....	163.90	
	15MOD-0183 For Work In Restricted Working Space, Add.....	19.27	
15121-0014	EA 1" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm.....	249.49	19.56
	15MOD-0182 For Cast Iron Body, Add.....	213.83	
	15MOD-0183 For Work In Restricted Working Space, Add.....	23.53	
15121-0015	EA 1-1/4" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm.....	328.44	23.74
	15MOD-0182 For Cast Iron Body, Add.....	296.63	
	15MOD-0183 For Work In Restricted Working Space, Add.....	27.34	
15121-0016	EA 1-1/2" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm.....	433.65	26.98
	15MOD-0182 For Cast Iron Body, Add.....	412.36	
	15MOD-0183 For Work In Restricted Working Space, Add.....	31.13	
15121-0017	EA 2" Steam Pressure Regulator Valve And Reducer, Iron Body, Threaded, Single Seated Spring Loaded Direct Acting Diaphragm.....	509.13	37.83
	15MOD-0182 For Cast Iron Body, Add.....	478.81	
	15MOD-0183 For Work In Restricted Working Space, Add.....	37.82	
15121-0018	EA 2-1/2" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm.....	1,140.28	44.38
	15MOD-0182 For Cast Iron Body, Add.....	1,237.73	
	15MOD-0183 For Work In Restricted Working Space, Add.....	45.03	
15121-0019	EA 3" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm.....	1,406.71	50.43
	15MOD-0182 For Cast Iron Body, Add.....	1,545.41	
	15MOD-0183 For Work In Restricted Working Space, Add.....	51.11	
15121-0020	EA 4" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm.....	1,881.50	93.55
	15MOD-0182 For Cast Iron Body, Add.....	1,947.78	
	15MOD-0183 For Work In Restricted Working Space, Add.....	96.98	
15121-0021	EA 6" Steam Pressure Regulator Valve And Reducer, Iron Body, Flanged, Single Seated Spring Loaded Direct Acting Diaphragm.....	4,466.62	117.61
	15MOD-0182 For Cast Iron Body, Add.....	5,072.85	
	15MOD-0183 For Work In Restricted Working Space, Add.....	122.50	
15121-0022	Steam Pressure Regulating And Reduced, Externally Piloted <small>(15121-0001)</small>		
	Note: Cast iron body		
15121-0023	EA 1/2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded.....	784.20	8.23
	15MOD-0183 For Work In Restricted Working Space, Add.....	12.34	
15121-0024	EA 3/4" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded.....	800.31	8.23
	15MOD-0183 For Work In Restricted Working Space, Add.....	12.34	
15121-0025	EA 1" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded.....	855.87	10.39
	15MOD-0183 For Work In Restricted Working Space, Add.....	15.58	
15121-0026	EA 1 1/4" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded.....	1,007.90	13.22
	15MOD-0183 For Work In Restricted Working Space, Add.....	19.83	
15121-0027	EA 1 1/2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded.....	1,154.10	15.24
	15MOD-0183 For Work In Restricted Working Space, Add.....	22.87	
15121-0028	EA 2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Threaded.....	1,429.00	17.94
	15MOD-0183 For Work In Restricted Working Space, Add.....	26.91	
15121-0029	EA 2 1/2" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Flanged.....	1,803.30	30.13
	15MOD-0183 For Work In Restricted Working Space, Add.....	45.20	
15121-0030	EA 3" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Flanged.....	2,206.87	32.78
	15MOD-0183 For Work In Restricted Working Space, Add.....	49.17	
15121-0031	EA 4" Steam Pressure Regulator And Reducer, Externally Piloted, Cast Iron Body, Flanged.....	3,443.33	72.37
	15MOD-0183 For Work In Restricted Working Space, Add.....	108.57	
15121-0032	Air Pressure Reducing Valve Threaded, Iron Construction <small>(15121-0001)</small>		
15121-0033	EA 1/2" Air Pressure Reducing Valve, Iron Construction, Threaded.....	103.78	8.76
15121-0034	EA 3/4" Air Pressure Reducing Valve, Iron Construction, Threaded.....	126.77	9.71
15121-0035	EA 1" Air Pressure Reducing Valve, Iron Construction, Threaded.....	164.17	10.31
15121-0036	EA 1-1/4" Air Pressure Reducing Valve, Iron Construction, Threaded.....	275.12	11.73
15121-0037	EA 1-1/2" Air Pressure Reducing Valve, Iron Construction, Threaded.....	371.44	14.02
15121-0038	EA 2" Air Pressure Reducing Valve, Iron Construction, Threaded.....	533.80	21.48
15121-0039	EA 2-1/2" Air Pressure Reducing Valve, Iron Construction, Threaded.....	578.42	23.40
15121-0040	EA 3" Air Pressure Reducing Valve, Iron Construction, Threaded.....	639.30	26.93
15121-0041	Water Pressure Reducing Valve Threaded <small>(15121-0001)</small>		
	Note: For building services, bronze construction, with pressure adjustment, union and strainer, factory set at 45 PSI, Adjustable (Watts 25AUB series)		
15121-0042	EA 1/2" Water Pressure Reducing Valve, Bronze Construction, Threaded.....	86.28	8.43
15121-0043	EA 3/4" Water Pressure Reducing Valve, Bronze Construction, Threaded.....	94.96	9.44

15000 Mechanical**15100 Building Services Valves And Equipment****15121 Pressure Regulating Valves**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15121-0044	EA	1" Water Pressure Reducing Valve, Bronze Construction, Threaded.....	115.66	10.44
15121-0045	EA	1-1/4" Water Pressure Reducing Valve, Bronze Construction, Threaded.....	257.54	11.32
15121-0046	EA	1-1/2" Water Pressure Reducing Valve, Bronze Construction, Threaded.....	280.90	13.48
15121-0047	EA	2" Water Pressure Reducing Valve, Bronze Construction, Threaded.....	440.71	20.67
15121-0048		Dual Unit Reducing And Relief Valve (15121)		
15121-0049	EA	1/2" Dual Unit Reducing And Relief Valve	98.45	20.57
15122		Safety Relief Valves (15100)		
15122-0001		Safety Relief Valve (15122)		
		Note: Used in water heater and hot water storage tank applications.		
15122-0002		Bronze Body Safety Valve, Threaded (15122-0001)		
		Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
15122-0003	EA	1/2" x 1/2" Threaded Bronze Body Safety Relief Valve.....	42.80	8.43
15122-0004	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve.....	56.24	9.27
15122-0005	EA	1" x 1" Threaded Bronze Body Safety Relief Valve.....	78.57	11.29
15122-0006	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve	98.24	11.97
15122-0007	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve	134.67	16.01
15122-0008	EA	2" x 2" Threaded Bronze Body Safety Relief Valve.....	177.33	18.87
15122-0009	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve	203.88	23.59
15122-0010		High Temperature Safety Relief Valve (15122)		
		Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications		
15122-0011		Cast Iron Body Safety Valve, Steam Or Water (15122-0010)		
		Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
15122-0012		Threaded (15122-0011)		
15122-0013	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	193.20	10.11
15122-0014	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	204.35	11.97
15122-0015	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	228.47	15.16
15122-0016	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	278.92	16.86
15122-0017	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	355.77	20.73
15122-0018	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	538.72	23.59
15122-0019	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	585.98	27.13
15122-0020		Flanged (15122-0011)		
15122-0021	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,263.37	16.86
15122-0022	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,454.98	20.22
15122-0023	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,669.69	34.14
15122-0024	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,993.80	37.24
15122-0025	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,165.26	40.34
15122-0026	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,527.25	46.55
15122-0027	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,243.48	74.54
15122-0028	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	8,292.83	77.59
15122-0029		Bronze Body Safety Valve, Threaded, Steam (15122-0010)		
		Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
15122-0030	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	207.56	9.27
15122-0031	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	213.56	10.11
15122-0032	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	248.87	11.12
15122-0033	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	274.34	11.97
15122-0034	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	316.86	13.48
15122-0035	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	320.91	15.16
15122-0036	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	359.35	16.01
15122-0037	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	390.71	16.86
15122-0038	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	535.60	18.87
15122-0039	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	585.50	20.73
15122-0040	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	696.88	23.59
15122-0041		Bronze Body Safety Valve, Threaded, Water (15122-0010)		
		Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
15122-0042	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	105.12	9.27
15122-0043	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	119.11	10.11
15122-0044	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	160.62	11.12
15122-0045	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	176.44	11.97
15122-0046	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	249.42	13.48
15122-0047	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	333.16	16.01
15122-0048	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	479.19	18.87
15123		Temperature Regulating And Relief Valves (15100)		



	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	15123-0001		Temperature And Pressure Relief Valve, Bronze Body, Threaded ⁽¹⁵¹²³⁾		
	15123-0002	EA	1/2" x 1/2" Temperature And Pressure Relief Valve, Bronze Body, Threaded.....	52.36	17.19
			<i>15MOD-0184 For Cast Iron Body, Add</i>	30.34	
	15123-0003	EA	3/4" x 3/4" Temperature And Pressure Relief Valve, Bronze Body, Threaded.....	62.36	20.63
			<i>15MOD-0184 For Cast Iron Body, Add</i>	35.83	
	15123-0004	EA	1" x 1" Temperature And Pressure Relief Valve, Bronze Body, Threaded	82.32	27.50
			<i>15MOD-0184 For Cast Iron Body, Add</i>	46.71	
	15123-0005	EA	1-1/4" x 1-1/4" Temperature And Pressure Relief Valve, Bronze Body, Threaded	127.58	29.46
			<i>15MOD-0184 For Cast Iron Body, Add</i>	99.29	
	15123-0006	EA	1-1/2" x 1-1/2" Temperature And Pressure Relief Valve, Bronze Body, Threaded	205.86	33.03
			<i>15MOD-0184 For Cast Iron Body, Add</i>	189.93	
	15123-0007	EA	2" x 2" Temperature And Pressure Relief Valve, Bronze Body, Threaded	243.04	47.48
			<i>15MOD-0184 For Cast Iron Body, Add</i>	206.81	
	15123-0008		Steam Temperature Regulator, Iron Body ⁽¹⁵¹²³⁾		
	15123-0009		Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body ⁽¹⁵¹²³⁻⁰⁰⁰⁹⁾		
			Note: Up to 150 PSI		
	15123-0010	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	485.31	9.71
	15123-0011	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	513.04	13.08
	15123-0012	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	679.80	16.11
	15123-0013	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	752.74	20.36
	15123-0014	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	774.59	23.39
	15123-0015	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	913.44	25.45
	15123-0016	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,175.08	46.62
	15123-0017	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,349.94	50.83
	15123-0018	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,023.00	118.98
	15123-0019	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,306.15	139.65
	15123-0020		Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body ⁽¹⁵¹²³⁻⁰⁰²⁰⁾		
	15123-0021	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	715.46	9.71
	15123-0022	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	743.54	13.08
	15123-0023	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	778.78	16.11
	15123-0024	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	933.08	20.36
	15123-0025	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,001.04	23.39
	15123-0026	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,135.80	25.45
	15123-0027	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,747.28	46.62
	15123-0028	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,849.04	50.83
	15123-0029	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,608.11	118.98
	15123-0030	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,159.88	139.65
	15123-0031		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body ⁽¹⁵¹²³⁻⁰⁰³¹⁾		
	15123-0032	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	972.08	9.71
	15123-0033	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	988.96	13.08
	15123-0034	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,083.86	16.11
	15123-0035	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,182.57	20.36
	15123-0036	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,227.48	23.39
	15123-0037	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,383.94	25.45
	15123-0038	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,560.83	46.62
	15123-0039	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,597.03	50.83
	15123-0040	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,340.47	118.98
	15123-0041	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,657.67	139.65
	15123-0042		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body ⁽¹⁵¹²³⁻⁰⁰⁴²⁾		
	15123-0043	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,243.26	9.71
	15123-0044	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,258.79	13.08
	15123-0045	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,368.61	16.11
	15123-0046	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,429.34	20.36
	15123-0047	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,486.45	23.39
	15123-0048	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,618.51	25.45
	15123-0049	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,696.43	46.62
	15123-0050	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,727.35	50.83
	15123-0051	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,470.79	118.98
	15123-0052	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,787.98	139.65
	15123-0053		Thermostatic Radiator Valves ⁽¹⁵¹²³⁾		
	15123-0054	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015).....	40.08	10.88
			Note: For hot water or two pipe low pressure steam.		
	15123-0055	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020).....	48.41	14.67
			Note: For hot water or two pipe low pressure steam.		

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15100 Building Services Valves And Equipment
15123 Temperature Regulating And Relief Valves



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15123-0056	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)..... Note: For hot water or two pipe low pressure steam.	65.28	17.75
15123-0057	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)..... Note: For hot water or two pipe low pressure steam.	96.12	22.48
15123-0058	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)..... Note: For hot water or two pipe low pressure steam.	40.08	10.88
15123-0059	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)..... Note: For hot water or two pipe low pressure steam.	48.41	14.67
15123-0060	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)..... Note: For hot water or two pipe low pressure steam.	65.28	17.75
15123-0061	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)..... Note: For hot water or two pipe low pressure steam.	96.12	22.48
15123-0062	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)..... Note: For hot water or two pipe low pressure steam.	50.27	8.43
15123-0063	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)..... Note: For hot water or two pipe low pressure steam.	74.18	11.80
15123-0064		Radiator Trap Repair Kits (15123)		
15123-0065	EA	1/2" Trap Model TH-125, Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)..... Note: For hot water or two pipe low pressure steam.	72.99	
15123-0066	EA	3/4" Trap Model TH-125, Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)..... Note: For hot water or two pipe low pressure steam.	91.04	
15123-0067	EA	1/2" Trap Model TA-125, Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)..... Note: For hot water or two pipe low pressure steam.	91.69	
15123-0068	EA	3/4" Trap Model TA-125, Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)..... Note: For hot water or two pipe low pressure steam.	104.41	
15123-0069	EA	1" Trap Model TA-125, Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)..... Note: For hot water or two pipe low pressure steam.	242.72	
15124		Solenoid Valves (15100)		
15124-0001		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure (15124)		
15124-0002	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water.....	55.14	6.74
15124-0003	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	63.61	6.74
15124-0004	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water.....	81.96	7.42
15124-0005	EA	1" Solenoid Valve, Bronze, 150 PSI, Water.....	117.94	8.43
15124-0006	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	204.10	10.38
15124-0007	EA	2" Solenoid Valve, Bronze, 150 PSI, Water.....	312.28	12.27
15124-0008	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water.....	425.06	16.57
15124-0009	EA	3" Solenoid Valve, Bronze, 150 PSI, Water.....	607.63	19.24
15124-0010		Bronze Body Solenoid Valves, 150 PSI Gas (15124)		
15124-0011	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	76.19	6.74
15124-0012	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	88.44	6.74
15124-0013	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	113.18	7.42
15124-0014	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas.....	166.84	8.43
15124-0015	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	294.38	10.38
15124-0016	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas.....	491.72	12.27
15124-0017	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	611.52	16.57
15124-0018	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas.....	911.36	19.24
15124-0019		Controller Panel (15124)		
		Note: Excludes valves. Panel to be tied into fire alarm system.		
15124-0020	EA	Single Zone Controller Panel Box.....	2,090.85	93.10
15124-0021	EA	Double Zone Controller Panel Box.....	2,393.96	108.62
15124-0022	EA	Triple Zone Controller Panel Box.....	2,878.49	124.13
15125		Steam Traps (15100)		
15125-0001		Inverted Bucket Steam Traps (15125)		
15125-0002	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	234.35 12.14	20.23
15125-0003	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	236.03 12.65	21.08
15125-0004	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	357.07 13.49	22.46
15125-0005	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	581.49 18.40	30.65
15125-0006	EA	1 1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	871.28 22.48	37.78
15125-0007	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	1,106.06 33.73	56.20
15125-0008		Float And Thermostatic Steam Traps (15125)		
15125-0009	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap..... 15MOD-0185 For Work In Restricted Working Space, Add	247.93 12.65	21.08



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15125-0010	EA 1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	330.27 13.49	22.48
15125-0011	EA 1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	406.52 18.40	30.65
15125-0012	EA 1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	552.56 22.49	37.46
15125-0013	EA 2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	1,018.75 33.72	56.18
15125-0014	EA 3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	319.57 12.65	21.08
15125-0015	EA 1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	347.61 13.49	22.46
15125-0016	EA 1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	453.80 18.40	30.65
15125-0017	EA 1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	656.58 22.49	37.43
15125-0018	EA 2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	1,124.37 33.72	56.20
15125-0019	EA 3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	418.88 12.65	21.08
15125-0020	EA 1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	467.40 13.49	22.48
15125-0021	EA 1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	713.89 18.40	30.65
15125-0022	EA 1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	727.52 22.49	37.43
15125-0023	EA 2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	1,422.27 33.72	56.20
15125-0024	EA 3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	425.18 12.65	21.08
15125-0025	EA 1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	467.40 13.49	22.48
15125-0026	EA 1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	713.89 18.40	30.65
15125-0027	EA 1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	727.52 22.49	37.43
15125-0028	EA 2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	1,422.27 33.72	56.20
15125-0029	Thermostatic Steam Traps (15125)		
15125-0030	EA 1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	113.60 12.14	20.23
15125-0031	EA 3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	198.19 12.65	21.08
15125-0032	EA 1" 25 PSI Maximum Pressure Thermostatic Steam Trap 15MOD-0185 For Work In Restricted Working Space, Add	247.09 13.49	22.46
15125-0033	Thermodynamic Steam Traps (15125)		
15125-0034	EA 3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	267.33	18.21
15125-0035	EA 1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	384.10	20.23
15125-0036	EA 3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	478.77	21.08
15125-0037	EA 1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	645.52	22.46
15125-0038	Steam Moisture Separator (15125)		
15125-0039	EA 1" Steam Moisture Separator, Threaded	346.23	51.26
15125-0040	EA 1-1/2" Steam Moisture Separator, Threaded	420.75	58.68
15125-0041	EA 2" Steam Moisture Separator, Flanged	648.64	89.94
15125-0042	EA 2-1/2" Steam Moisture Separator, Flanged	741.63	107.92
15125-0043	EA 3" Steam Moisture Separator, Flanged	982.01	134.89
15125-0044	EA 4" Steam Moisture Separator, Flanged	1,529.40	179.75
15125-0045	EA 6" Steam Moisture Separator, Flanged	3,058.58	238.09
15130	Tempering Controllers (15100)		
15130-0001	Tempering Controllers For Potable Hot Water (15130)		
15130-0002	Double Seated Self Contained Unit (15130-0001)		
	Note: With temperature adjusting rod, direct action, spring opened, with 6" capillary tube and temperature dial.		
15130-0003	EA 3/4" Tempering Controller For Potable Hot Water	420.22	33.70
15130-0004	EA 1" Tempering Controller For Potable Hot Water	767.10	42.48
15130-0005	EA 1-1/4" Tempering Controller For Potable Hot Water	839.93	51.24
15130-0006	EA 1-1/2" Tempering Controller For Potable Hot Water	977.99	60.00
15130-0007	EA 2" Tempering Controller For Potable Hot Water	1,162.67	78.87
15130-0008	EA 2-1/2" Tempering Controller For Potable Hot Water	1,332.31	89.93
15130-0009	Stainless Steel Hose Rack (15130-0001)		
	Note: With bronze hot and cold water, heavy duty mixing valve control valves, thermometer gauge, vacuum breaker		
15130-0010	EA 3/4" Stainless Steel Hose Rack With Hose Adapter	1,083.31	168.54

15000 Mechanical
15100 Building Services Valves And Equipment
15130 Tempering Controllers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15140 Pumps (15100)

15140-0001 Positive Displacement Pump (15140)

15140-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing.....	1,853.40	
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15140-0003 Diaphragm Pump (15140)

15140-0004	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI.....	2,247.54	
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15140-0005 Natural Gas Booster Pump (15140)

15140-0006	EA	Natural Gas Booster Pump, 3/4" Outlet Size	594.10	93.16
15140-0007	EA	Natural Gas Booster Pump, 1" Outlet Size	702.77	104.02
15140-0008	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	785.58	108.69
15140-0009	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	888.48	113.34
15140-0010	EA	Natural Gas Booster Pump, 2" Outlet Size	1,001.67	116.45

15141 Centrifugal Pumps (15100)

15141-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (15141)

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

15141-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	2,909.41	196.87
15141-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	3,253.92	197.12
15141-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	4,280.36	258.98
15141-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	4,714.11	318.60
15141-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T).....	5,251.05	318.60
15141-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	5,131.59	345.31
15141-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	5,436.87	345.31
15141-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	5,937.07	362.08
15141-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T).....	6,639.81	460.20
15141-0011	EA	40 HP, 1050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	7,047.62	517.34
15141-0012	EA	60 HP, 1500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	11,449.09	1,312.43
15141-0013	EA	75 HP, 2000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T).....	16,296.24	1,574.64
15141-0014	EA	100 HP, 3000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	18,649.95	1,968.31

15141-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (15141)

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

15141-0016	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP	2,721.77	144.70
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	615.20	
15141-0017	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP	3,420.02	155.26
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	796.78	
15141-0018	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP	4,279.30	165.82
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,000.82	
15141-0019	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP	5,007.10	196.87
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,163.05	
15141-0020	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP	5,262.21	197.12
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,222.39	
15141-0021	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,654.65	258.98
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,297.21	
15141-0022	EA	225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,654.65	258.98
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,297.21	
15141-0023	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,654.65	258.98
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,297.21	
15141-0024	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	6,884.71	318.60
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,577.86	
15141-0025	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	6,998.21	318.36
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,600.45	
15141-0026	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP	7,373.25	345.31
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,688.05	
15141-0027	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP	8,085.69	362.08
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	1,853.75	
15141-0028	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP	8,977.74	460.20
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	2,037.42	
15141-0029	EA	1050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP	10,180.72	517.34
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	2,312.28	
15141-0030	EA	1500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP	14,939.49	1,312.43
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	3,102.20	
15141-0031	EA	2000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP	17,786.73	1,574.64
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	3,687.48	
15141-0032	EA	3000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP	21,112.99	1,968.31
		<i>15MOD-0186 For 300 LB Flanges, Add</i>	4,329.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15141-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump ⁽¹⁵¹⁴¹⁾		
Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
15141-0034 EA 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP.....	4,254.17	144.70
15MOD-0186 For 300 LB Flanges, Add	998.30	
15141-0035 EA 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP.....	4,362.78	155.26
15MOD-0186 For 300 LB Flanges, Add	1,020.82	
15141-0036 EA 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP.....	4,471.49	165.82
15MOD-0186 For 300 LB Flanges, Add	1,043.35	
15141-0037 EA 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP.....	4,863.99	169.55
15MOD-0186 For 300 LB Flanges, Add	1,139.64	
15141-0038 EA 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP.....	7,988.72	196.87
15MOD-0186 For 300 LB Flanges, Add	1,908.46	
15141-0039 EA 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP.....	10,689.65	258.98
15MOD-0186 For 300 LB Flanges, Add	2,571.72	
15141-0040 EA 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP.....	10,888.73	279.47
15MOD-0186 For 300 LB Flanges, Add	2,605.73	
15141-0041 EA 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP.....	11,484.98	310.53
15MOD-0186 For 300 LB Flanges, Add	2,727.92	
15141-0042 EA 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP.....	12,868.95	326.22
15MOD-0186 For 300 LB Flanges, Add	3,070.58	
15141-0043 EA 1000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP.....	14,391.39	419.24
15MOD-0186 For 300 LB Flanges, Add	3,409.28	
15141-0044 EA 1500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP.....	18,280.82	525.11
15MOD-0186 For 300 LB Flanges, Add	4,317.14	
15141-0045 EA 2000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP.....	20,571.33	655.86
15MOD-0186 For 300 LB Flanges, Add	4,826.50	
15141-0046 EA 3000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP.....	29,375.82	787.32
15MOD-0186 For 300 LB Flanges, Add	6,964.35	
15141-0047 EA 3500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP.....	56,207.74	874.49
15MOD-0186 For 300 LB Flanges, Add	13,630.16	
15141-0048 EA 4000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP.....	59,648.62	1,124.75
15MOD-0186 For 300 LB Flanges, Add	14,369.87	
15141-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump ⁽¹⁵¹⁴¹⁾		
Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
15141-0050 EA 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP.....	15,296.06	318.60
15MOD-0186 For 300 LB Flanges, Add	3,680.69	
15141-0051 EA 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP.....	16,569.71	345.31
15MOD-0186 For 300 LB Flanges, Add	3,987.16	
15141-0052 EA 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP.....	19,938.16	474.06
15MOD-0186 For 300 LB Flanges, Add	4,767.47	
15141-0053 EA 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP.....	39,433.95	651.39
15MOD-0186 For 300 LB Flanges, Add	9,560.02	
15141-0054 EA 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP.....	48,259.12	868.52
15MOD-0186 For 300 LB Flanges, Add	11,666.83	
15141-0055 In-Line Circulating Pumps ⁽¹⁵¹⁴¹⁾		
15141-0056 All Bronze In-Line Centrifugal Circulating-Booster Pump ⁽¹⁵¹⁴¹⁻⁰⁰⁵⁵⁾		
Note: ODP motor.		
15141-0057 EA 1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Pump (B&G PL30B).....	541.10	111.72
15141-0058 EA 1/6 HP, 3/4" Flanges, Bronze In-Line Pump (B&G PL36B).....	554.39	111.72
15141-0059 EA 1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Pump (B&G PL45B).....	579.15	113.89
15141-0060 EA 1/6 HP, 1-1/2" Flanges, Bronze In-Line Pump (B&G PL50B).....	635.74	118.54
15141-0061 EA 1/6 HP, 2" Flanges, Bronze In-Line Pump (B&G PL75B).....	1,107.44	122.97
15141-0062 EA 1/6 HP, 2" Flanges, Bronze In-Line Pump (B&G 2AB).....	1,178.39	122.97
15141-0063 EA 1/4 HP, 2-1/2" Flanges, Bronze In-Line Pump (B&G 2-1/2AB).....	1,743.83	135.39
15141-0064 EA 1/4 HP, 3" Flanges, Bronze In-Line Pump (B&G LD3 AB).....	1,821.17	148.74
15141-0065 EA 1/3 HP, 3" Flanges, Bronze In-Line Pump (B&G HD3 AB).....	2,199.01	163.65
15141-0066 EA 1/2 HP, 3" Flanges, Bronze In-Line Pump (B&G PDB35S).....	2,252.15	180.10
15141-0067 EA 3/4 HP, 3" Flanges, Bronze In-Line Pump (B&G PDB37S).....	2,463.25	197.81
15141-0068 EA 1 HP, 3" Flanges, Bronze In-Line Pump (B&G PDB38S).....	3,506.38	217.69
15141-0069 EA 1-1/2 HP, 3" Flanges, Bronze In-Line Pump (B&G PDB40S).....	4,031.17	228.23
15141-0070 Cast Iron In-Line Centrifugal Circulating-Booster Pump ⁽¹⁵¹⁴¹⁻⁰⁰⁵⁵⁾		
Note: ODP motor.		
15141-0071 EA 1/12 HP Cast Iron In-Line Pump, 3/4" To 1-1/2" Flanges (B&G PL30).....	558.45	111.72
15141-0072 EA 1/6 HP Cast Iron In-Line Pump, 3/4" Flanges (B&G PL36).....	905.79	111.72
15141-0073 EA 1/6 HP Cast Iron In-Line Pump, 1" To 1-1/4" Flanges (B&G PL45).....	910.28	113.89
15141-0074 EA 1/6 HP Cast Iron In-Line Pump, 1-1/4" Flanges (B&G PL45).....	926.40	116.37
15141-0075 EA 1/6 HP Cast Iron In-Line Pump, 1-1/2" Flanges (B&G PL50).....	930.73	118.54
15141-0076 EA 1/6 HP Cast Iron In-Line Pump, 2" Flanges (B&G PL75).....	949.14	122.97
15141-0077 EA 1/4 HP Cast Iron In-Line Pump, 2-1/2" Flanges (B&G 2-1/2).....	1,154.20	135.39
15141-0078 EA 1/3 HP Cast Iron In-Line Pump, 3" Flanges (B&G HD30).....	1,485.25	163.65
15141-0079 EA 1/2 HP Cast Iron In-Line Pump, 3" Flanges (B&G PD35S).....	1,567.37	180.10
15141-0080 EA 3/4 HP Cast Iron In-Line Pump, 3" Flanges (B&G PD37S).....	1,825.44	197.81

15000 Mechanical
15100 Building Services Valves And Equipment
15141 Centrifugal Pumps



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15141-0081	EA	1 HP Cast Iron In-Line Pump, 3" Flanges (B&G PD38S).....	2,444.14	217.69
15141-0082	EA	1-1/2 HP Cast Iron In-Line Pump, 3" Flanges (B&G PD40S).....	2,848.59	228.23
15141-0083	EA	2 HP Cast Iron In-Line Pump, 4" Flanges (B&G 80, 4x4x7, BF).....	2,592.25	239.73
15141-0084	EA	3 HP Cast Iron In-Line Pump, 4" Flanges (B&G 80, 4x4x7, BF).....	2,788.74	263.51
15141-0085		Cast Iron Single Stage In-Line Centrifugal Pump (15141)		
		Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
15141-0086	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 3 HP.....	6,839.97	180.10
		15MOD-0187 For Mechanical Seal, Add	503.99	
		15MOD-0188 For Cast Steel Case, Add	1,133.99	
15141-0087	EA	75 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 5 HP.....	7,407.39	217.99
		15MOD-0187 For Mechanical Seal, Add	540.29	
		15MOD-0188 For Cast Steel Case, Add	1,215.66	
15141-0088	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP.....	8,542.15	258.98
		15MOD-0187 For Mechanical Seal, Add	621.27	
		15MOD-0188 For Cast Steel Case, Add	1,397.85	
15141-0089	EA	125 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 10 HP.....	9,010.34	345.31
		15MOD-0187 For Mechanical Seal, Add	638.02	
		15MOD-0188 For Cast Steel Case, Add	1,435.54	
15141-0090	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage With 200' Head And 15 HP.....	10,841.58	376.36
		15MOD-0187 For Mechanical Seal, Add	776.99	
		15MOD-0188 For Cast Steel Case, Add	1,748.23	
15141-0091	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 30 HP.....	16,634.15	414.24
		15MOD-0187 For Mechanical Seal, Add	1,231.36	
		15MOD-0188 For Cast Steel Case, Add	2,770.57	
15141-0092	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 40 HP.....	19,457.43	517.34
		15MOD-0187 For Mechanical Seal, Add	1,432.38	
		15MOD-0188 For Cast Steel Case, Add	3,222.86	
15141-0093	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 50 HP.....	15,910.00	591.25
		15MOD-0187 For Mechanical Seal, Add	1,130.84	
		15MOD-0188 For Cast Steel Case, Add	2,544.40	
15141-0094	EA	400 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 75 HP.....	35,375.45	651.80
		15MOD-0187 For Mechanical Seal, Add	2,673.60	
		15MOD-0188 For Cast Steel Case, Add	6,015.59	
15141-0095	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 100 HP.....	38,300.70	837.86
		15MOD-0187 For Mechanical Seal, Add	2,862.92	
		15MOD-0188 For Cast Steel Case, Add	6,441.57	
15141-0096		Cast Iron Close Coupling Pumps (15141)		
15141-0097		Foot Mounted Cast Iron Close Coupled Pumps (15141-0096)		
15141-0098	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM).....	2,611.43	186.32
15141-0099	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM).....	2,831.03	186.32
15141-0100	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM).....	3,140.82	196.67
15141-0101	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM).....	3,335.08	196.67
15141-0102	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM).....	3,819.82	206.81
15141-0103	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM).....	4,568.45	261.89
15141-0104	EA	15 HP, 1000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP).....	5,980.28	322.63
15141-0105	EA	20 HP, 1350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP).....	6,405.03	349.19
15141-0106	EA	25 HP, 1550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP).....	7,396.19	377.13
15141-0107		Pumps, Polypropylene Body, Housing And Impeller, 115/230 V (15141)		
15141-0108	EA	1/3 HP, Centrifugal Pump, Polypropylene Body.....	1,740.21	96.25
15141-0109	EA	1/2 HP, Centrifugal Pump, Polypropylene Body.....	1,858.16	102.05
15141-0110	EA	3/4 HP, Centrifugal Pump, Polypropylene Body.....	2,196.49	108.66
15142 Rotary Pumps (15100)				
15142-0001		Cast Iron Internal Gear Rotary Pump (15142)		
		Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
15142-0002		10 GPM 1" Discharge (15142-0001)		
15142-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge.....	1,750.16	180.10
15142-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge.....	1,794.18	217.99
15142-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge.....	1,933.51	258.98
15142-0006		25 GPM 1-1/4" Discharge (15142-0001)		
15142-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge.....	1,768.56	180.10



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15142-0008 EA 25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge.....	1,844.82	217.99
15142-0009 EA 25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge.....	1,920.98	258.98
15142-0010 Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI (15142)		
15142-0011 EA 1/4 HP Pump Fuel Oil/Diesel	1,266.26	100.92
15142-0012 EA 1/3 HP Pump Fuel Oil/Diesel	1,501.76	113.04
15142-0013 EA 1/2 HP Pump Fuel Oil/Diesel	1,634.75	126.69
15142-0014 EA 3/4 HP Pump Fuel Oil/Diesel	1,772.71	142.85
15142-0015 EA 1 HP Pump Fuel Oil/Diesel	2,590.36	158.99
15142-0016 EA 1-1/2 HP Pump Fuel Oil/Diesel	3,206.33	177.93
15142-0017 EA 2 HP Pump Fuel Oil/Diesel	3,548.20	199.36
15142-0018 EA 3 HP Pump Fuel Oil/Diesel	4,372.77	222.96
15142-0019 EA 5 HP Pump Fuel Oil/Diesel	5,184.24	249.98
15142-0020 EA 7.5 HP Pump Fuel Oil/Diesel	5,803.22	280.41
15142-0021 EA 10 HP Pump Fuel Oil/Diesel	6,506.80	314.32
15143 Turbine Pumps (15100)		
15143-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps (15143)		
Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
15143-0002 EA 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage, 2 HP	7,691.71	460.20
15MOD-0189 For Each Extra Column Assembly < 60", Add	642.94	
15MOD-0190 For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	280.07	
15MOD-0191 For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	203.15	
15143-0003 EA 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage, 3 HP	8,063.50	517.34
15MOD-0189 For Each Extra Column Assembly < 60", Add	672.91	
15MOD-0190 For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	294.71	
15MOD-0191 For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	214.08	
15143-0004 EA 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage, 15 HP	9,817.49	525.11
15MOD-0189 For Each Extra Column Assembly < 60", Add	823.06	
15MOD-0190 For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	355.04	
15MOD-0191 For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	256.87	
15143-0005 EA 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage, 25 HP	10,602.55	605.96
15MOD-0189 For Each Extra Column Assembly < 60", Add	887.14	
15MOD-0190 For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	385.17	
15MOD-0191 For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	279.14	
15143-0006 EA 1000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage, 50 HP	13,018.92	655.86
15MOD-0189 For Each Extra Column Assembly < 60", Add	1,083.69	
15MOD-0190 For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	478.58	
15MOD-0191 For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	348.39	
15143-0007 EA 2000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage, 100 HP	20,724.04	787.32
15MOD-0189 For Each Extra Column Assembly < 60", Add	1,708.54	
15MOD-0190 For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	778.35	
15MOD-0191 For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	571.11	
15144 A/C Condensate Pumps (15100)		
15144-0001 Automatic Shallow Pan Condensate Pump (15144)		
15144-0002 EA 1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS).....	135.19	20.19
15144-0003 EA 1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS).....	147.05	20.19
15144-0004 EA 1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS).....	231.31	23.29
15144-0005 Automatic Condensate Pump With Tank (15144)		
15144-0006 EA 1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	73.04	15.53
15144-0007 EA 1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	78.11	15.53
15144-0008 EA 1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	131.31	20.19
15144-0009 EA 1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	141.40	23.29
15144-0010 EA 1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS)	265.12	26.40
15145 Sump Pumps (15100)		
See CSI section 15061-0000 for pipe extensions into well, 15310-0000 for submersible sewage pumps.		
15145-0001 Submersible Sump/Effluent Pumps (15145)		
Note: Includes 25' of cord with pumps unless otherwise noted.		
15145-0002 Submersible Sump Pump With Vortex Impeller (15145-0001)		
15145-0003 Submersible Sump Pump With Cast Iron Vortex Impeller (15145-0002)		
15145-0004 EA 1/3 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	250.33	40.45
15145-0005 EA 1/3 HP Automatic Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	279.12	40.45
15145-0006 EA 1/2 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	412.29	42.81
15145-0007 EA 1/2 HP Automatic Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	445.89	42.81



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15145-0008			Submersible Sump Pump With Bronze Vortex Impeller <small>(15145-0002)</small>		
15145-0009	EA		1/2 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	665.19	42.81
15145-0010	EA		1/2 HP Automatic Submersible Sump Pump, 115V Or 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	723.16	42.81
15145-0011	EA		1 HP Manual Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	759.34	47.19
15145-0012	EA		1 HP Automatic Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	819.33	47.19
15145-0013	EA		1-1/2 HP Manual Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	854.97	53.93
15145-0014	EA		1-1/2 HP Automatic Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	914.96	53.93
15145-0015	EA		2 HP Manual Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	921.66	64.04
15145-0016	EA		2 HP Automatic Submersible Sump Pump, 230V 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	971.11	64.04
15145-0017			Submersible Sump Pump With Semi-Open Impeller <small>(15145-0001)</small>		
15145-0018	EA		1/3 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	651.70	40.45
15145-0019	EA		1/2 HP Manual Submersible Sump Pump, 115V Or 230V 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	746.26	42.81
15145-0020	EA		3/4 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	891.50	45.17
15145-0021	EA		1 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	942.16	47.19
15145-0022	EA		1-1/2 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	1,074.70	53.93
15145-0023	EA		2 HP Manual Submersible Sump Pump, 230V 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	1,252.00	64.04
15145-0024			Vertical Mounted Sump Pumps <small>(15145)</small>		
15145-0025			Vertical Mounted Sump Pumps <small>(15145-0024)</small>		
			Note: Mounted on steel support plate and supplied with cast iron strainer, 1750 RPM drip-proof motor, 5' column sections.		
15145-0026	EA		1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head.....	2,859.61	180.10
15145-0027	EA		1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head.....	3,039.68	217.99
15145-0028	EA		2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head.....	3,478.80	258.98
15145-0029	EA		3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head.....	3,736.03	318.60
15145-0030	EA		5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head.....	3,951.12	345.31
15145-0031	EA		10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head.....	4,688.32	414.24
15145-0032	EA		15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head.....	5,517.50	451.29
15145-0033	EA		20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head.....	6,738.36	562.37
15145-0034	EA		30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1000 GPM 70' Head.....	7,315.03	655.86
15145-0035	EA		50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1600 GPM 70' Head.....	9,746.54	787.32
15145-0036	EA		60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2000 GPM 70' Head.....	13,329.50	874.49
15145-0037			Extra Column Assemblies <small>(15145-0024)</small>		
15145-0038	EA		1-1/2" Diameter x 5' Long Extra Column Assembly.....	1,200.19	
15145-0039	EA		2" Diameter x 5' Long Extra Column Assembly.....	1,313.28	
15145-0040	EA		2-1/2" Diameter x 5' Long Extra Column Assembly.....	1,517.51	
15145-0041	EA		3" Diameter x 5' Long Extra Column Assembly.....	1,725.45	
15145-0042	EA		4" Diameter x 5' Long Extra Column Assembly.....	1,928.59	
15145-0043	EA		5" Diameter x 5' Long Extra Column Assembly.....	2,107.18	
15145-0044	EA		6" Diameter x 5' Long Extra Column Assembly.....	2,204.46	
15145-0045	EA		8" Diameter x 5' Long Extra Column Assembly.....	2,412.20	
15145-0046			Float Switch <small>(15145-0024)</small>		
15145-0047	EA		For Float Switch Copper Coated Float, General Purpose.....	1,330.37	19.55
15145-0048	EA		For Float Switch Copper Coated Float, Weathertight.....	1,395.58	19.55
15145-0049	EA		For Float Switch Copper Coated Float, Explosion Proof.....	1,425.67	19.55
15145-0050			Support Plate <small>(15145-0024)</small>		
15145-0051	EA		24" Steel Support Plate, Round Or Square.....	413.47	24.83
15145-0052	EA		30" Steel Support Plate, Round Or Square.....	457.78	27.93
15145-0053	EA		36" Steel Support Plate, Round Or Square.....	634.94	37.24
15145-0054	EA		40" Steel Support Plate, Round Or Square.....	919.56	43.45
15145-0055	EA		42" Steel Support Plate, Round Or Square.....	985.52	45.00
15145-0056	EA		48" Steel Support Plate, Round Or Square.....	1,053.50	46.55
15145-0057	EA		54" Steel Support Plate, Round Or Square.....	1,341.48	55.86
15145-0058	EA		60" Steel Support Plate, Round Or Square.....	1,814.73	62.07
15145-0059	EA		72" Steel Support Plate, Round Or Square.....	2,422.17	77.59
15145-0060	EA		84" Steel Support Plate, Round Or Square.....	2,922.99	85.34



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15149 Submersible Well Pumps <small>(15100)</small>		
<small>Note: Includes pump end, motor and control box.</small>		
15149-0001 4" Submersible Well Pumps <small>(15149)</small>		
15149-0002 Powder Coated Case And Cast Iron Ends <small>(15149-0001)</small>		
15149-0003 EA 1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,018.71	303.28
15149-0004 EA 3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,165.47	336.15
15149-0005 EA 1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,293.11	373.50
15149-0006 Stainless Steel Case And Ends <small>(15149-0001)</small>		
15149-0007 EA 1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,183.11	298.80
15149-0008 EA 3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,353.53	336.15
15149-0009 EA 1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,520.56	373.50
15149-0010 EA 1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,757.41	410.85
15149-0011 EA 2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,004.38	448.20
15149-0012 EA 3 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,491.58	522.90
15149-0013 EA 5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,189.35	597.59
15149-0014 6" Submersible Well Pumps <small>(15149)</small>		
15149-0015 EA 5 HP Submersible Well Pump, 6" Diameter Stainless Steel	2,948.79	747.00
15149-0016 EA 7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,437.02	821.70
15149-0017 EA 10 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,946.84	896.40
15149-0018 EA 15 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,052.98	1,045.80
15152 Air Compressors <small>(15100)</small>		
<small>See CSI section 15915-0000 for control air compressors.</small>		
15161 Vibration Isolation <small>(15100)</small>		
15161-0001 Unhoused Stable Steel Spring Isolators <small>(15161)</small>		
<small>Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.</small>		
15161-0002 EA 60# Unhoused Steel Spring Isolator	61.35	18.87
15161-0003 EA 115# Unhoused Steel Spring Isolator	65.17	18.87
15161-0004 EA 1130# Unhoused Steel Spring Isolator	77.86	18.87
15161-0005 Vibration Isolators <small>(15161)</small>		
15161-0006 Spring And Rubber Hanger For 1" Deflection <small>(15161-0005)</small>		
15161-0007 EA 50-500# Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size.....	80.44	12.14
15161-0008 EA 600-1000# Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size.....	168.59	13.49
15161-0009 Rubber-In-Shear Isolator Hanger <small>(15161-0005)</small>		
15161-0010 EA 45-340# Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size.....	38.84	10.12
15161-0011 EA 130-700# Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size.....	49.82	12.14
15161-0012 Spring Hanger For 1" Deflection <small>(15161-0005)</small>		
15161-0013 EA 50-1000# Rubber In Shear Hanger For 1" Deflection With < 3/4" Rod Size	44.40	12.14
15161-0014 Rubber-In-Shear Vibration Isolator <small>(15161-0005)</small>		
15161-0015 EA 45-340# Rubber In Shear Vibration Isolation With 0.38" Deflection.....	81.86	22.93
15161-0016 EA 130-700# Rubber In Shear Vibration Isolation With 0.43" Deflection.....	107.42	22.93
15161-0017 EA 550-1920# Rubber In Shear Vibration Isolation With 0.48" Deflection.....	195.13	22.93
15161-0018 Two-Piece Spring Type Vibration Isolator <small>(15161-0005)</small>		
<small>Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.</small>		
15161-0019 EA 50-1000# Rated Load 2-Piece Isolator Spring Type Vibration Isolator	79.49	22.93
15161-0020 EA 1100-1600# Rated Load 2-Piece Isolator Spring Type Vibration Isolator	82.01	22.93
15161-0021 Open Double Spring Type Vibration Isolator <small>(15161-0005)</small>		
<small>Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.</small>		
15161-0022 EA 150-450# Rated Load Open Isolator, Double Spring Type Vibration Isolator	61.52	11.47
15161-0023 EA 500-1000# Rated Load Open Isolator, Double Spring Type Vibration Isolator	61.52	11.47
15161-0024 EA 1100-1600# Rated Load Open Isolator, Double Spring Type Vibration Isolator	69.94	11.47
15161-0025 EA 1700-2400# Rated Load Open Isolator, Double Spring Type Vibration Isolator	69.94	11.47
15161-0026 EA 2500-3400# Rated Load Open Isolator, Double Spring Type Vibration Isolator	107.98	11.47
15161-0027 Isolation Pads <small>(15161-0005)</small>		

15000 Mechanical**15100 Building Services Valves And Equipment****15161 Vibration Isolation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15161-0028		Laminated Neoprene And Cork Isolation Pad <small>(15161-0027)</small>		
15161-0029	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	4.58	1.68
15161-0030	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	6.40	1.76
15161-0031	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	8.49	1.83
15161-0032	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	40.52	2.09
15161-0033	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	79.80	2.36
15161-0034		Neoprene And Steel Plate Isolation Pad <small>(15161-0027)</small>		
15161-0035	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad.....	30.33	1.68
15161-0036	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad.....	33.30	1.68
15161-0037		Neoprene Isolation Pad <small>(15161-0027)</small>		
15161-0038	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad.....	4.12	1.68
15161-0039	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad.....	4.91	1.68
15161-0040	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad.....	6.22	1.68
15161-0041	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad.....	39.82	2.03
15161-0042	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad.....	74.80	2.36
15162 Piping Expansion Joints <small>(15100)</small>				
15162-0001		Stainless Steel Bellows Type Expansion Joints <small>(15162)</small>		
		Note: Includes internal sleeves and external covers.		
15162-0002		Threaded Stainless Steel Bellows Type Expansion Joints <small>(15162-0001)</small>		
		Note: Pressure rating 150 LB		
15162-0003	EA	1/2" Threaded Stainless Steel Bellows Type Expansion Joint.....	129.83	54.36
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	5.26	
15162-0004	EA	3/4" Threaded Stainless Steel Bellows Type Expansion Joint.....	145.60	61.31
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	5.76	
15162-0005	EA	1" Threaded Stainless Steel Bellows Type Expansion Joint.....	170.57	70.28
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	7.51	
15162-0006	EA	1-1/4" Threaded Stainless Steel Bellows Type Expansion Joint.....	192.78	78.45
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	9.02	
15162-0007	EA	1-1/2" Threaded Stainless Steel Bellows Type Expansion Joint.....	208.67	84.31
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	10.01	
15162-0008	EA	2" Threaded Stainless Steel Bellows Type Expansion Joint.....	240.43	99.21
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	10.51	
15162-0009		Flanged Stainless Steel Bellows Type Expansion Joints <small>(15162-0001)</small>		
		Note: Pressure rating 150 LB		
15162-0010	EA	1 1/4" Flanged Stainless Steel Bellows Type Expansion Joint.....	581.48	49.68
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	120.54	
15162-0011	EA	1-1/2" Flanged Stainless Steel Bellows Type Expansion Joint.....	613.84	50.06
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	128.42	
15162-0012	EA	2" Flanged Stainless Steel Bellows Type Expansion Joint.....	617.27	51.79
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	128.44	
15162-0013	EA	2-1/2" Flanged Stainless Steel Bellows Type Expansion Joint.....	664.74	56.46
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	137.96	
15162-0014	EA	3" Flanged Stainless Steel Bellows Type Expansion Joint.....	729.01	66.39
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	149.08	
15162-0015	EA	4" Flanged Stainless Steel Bellows Type Expansion Joint.....	907.27	132.10
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	160.80	
15162-0016	EA	5" Flanged Stainless Steel Bellows Type Expansion Joint.....	1,242.51	141.93
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	239.76	
15162-0017	EA	6" Flanged Stainless Steel Bellows Type Expansion Joint.....	1,135.59	157.14
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	205.33	
15162-0018	EA	8" Flanged Stainless Steel Bellows Type Expansion Joint.....	1,422.88	179.57
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	266.15	
15162-0019	EA	10" Flanged Stainless Steel Bellows Type Expansion Joint.....	1,816.21	220.00
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	344.28	
15162-0020	EA	12" Flanged Stainless Steel Bellows Type Expansion Joint.....	2,401.85	266.63
		Note: Carbon steel ends. 150# pressure rating. Includes internal sleeves and external covers.		
		15MOD-0192 For 300 LB Rating, Add	466.97	

15000 Mechanical
15100 Building Services Valves And Equipment
15164 Flexible Hose Connectors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15164-0025	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	306.69	139.15
15164-0026	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	312.60	168.48
15164-0027	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	400.25	215.70
15164-0028	EA	4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	870.99	297.57
15164-0029	EA	4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	992.08	348.83
15164-0030	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	884.71	329.99
15164-0031	EA	6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,265.95	353.55
15164-0032	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	922.67	377.13
15164-0033	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,314.35	436.09
15164-0034	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,733.04	471.41
15164-0035 Flanged Flexible Molded Teflon Hose Connectors (15164-0010)				
Note: 150 PSI				
15164-0036	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	837.87	139.15
15164-0037	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	947.59	168.28
15164-0038	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,350.36	215.70
15164-0039	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,596.91	235.71
15164-0040	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,118.22	269.21
15164-0041 Flexible Hose Connectors Braided Metal Hose Type, Bronze (15164)				
15164-0042 Braided Metal Hose Type Flexible Bronze Hose Connectors (15164-0041)				
Note: MPT connection				
15164-0043	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	28.83	1.35
15164-0044	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	34.63	1.35
15164-0045	DI	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.38	1.75
15164-0046	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	46.89	1.75
15164-0047	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	38.71	1.61
15164-0048	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	46.99	1.61
15164-0049	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	53.57	2.09
15164-0050	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	66.46	2.09
15164-0051	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	53.00	1.89
15164-0052	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	58.08	1.89
15164-0053	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	68.84	2.49
15164-0054	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	87.69	2.49
15164-0055	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	106.39	2.49
15164-0056	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	125.16	2.49
15164-0057	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	75.68	2.42
15164-0058	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	83.59	2.42
15164-0059	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	107.71	2.42
15164-0060	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	149.85	3.23
15164-0061	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	174.15	3.23
15164-0062	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	206.49	3.23
15164-0063	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	103.87	2.92
15164-0064	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	120.41	2.92
15164-0065	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	152.44	2.92
15164-0066	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	203.30	3.91
15164-0067	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	252.11	3.91
15164-0068	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	300.88	3.91
15164-0069	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	144.62	3.66
15164-0070	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	164.99	3.48
15164-0071	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	185.56	3.48
15164-0072	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	228.59	4.65
15164-0073	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	269.96	4.65
15164-0074	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	310.04	4.65
15164-0075	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	228.61	4.65
15164-0076	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	256.09	4.65
15164-0077	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	228.75	4.65
15164-0078	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	276.20	6.20
15164-0079	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	397.26	6.20
15164-0080	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	451.34	6.20
15164-0081	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	420.90	5.65
15164-0082	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	453.00	5.65
15164-0083	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	485.11	5.65
15164-0084	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	554.04	7.54
15164-0085	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	618.01	7.54
15164-0086	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	683.35	7.54
15164-0087 Braided Stainless Steel Flexible Hose Connectors (15164-0041)				
Note: Over braided carbon steel connection.				
15164-0088	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	136.06	2.96
15164-0089	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	165.00	2.96
15164-0090	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	193.39	2.96



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15164-0091 EA 2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	253.06	3.98
15164-0092 EA 2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	310.62	3.98
15164-0093 EA 2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	368.12	3.98
15164-0094 EA 2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	154.11	3.48
15164-0095 EA 2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	184.35	3.48
15164-0096 EA 2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	214.74	3.48
15164-0097 EA 2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	278.07	4.65
15164-0098 EA 2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	338.59	4.65
15164-0099 EA 2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	398.27	4.65
15164-0100 EA 4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	162.60	4.65
15164-0101 EA 4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	197.25	4.78
15164-0102 FT 4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	232.40	4.65
15164-0103 EA 4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	307.75	6.20
15164-0104 EA 4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	377.66	6.20
15164-0105 EA 4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	449.55	6.20
15164-0106 EA 6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	328.16	9.08
15164-0107 EA 6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	488.41	9.14
15164-0108 EA 6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	655.18	12.04
15164-0109 EA 6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	815.50	12.04
15164-0110 EA 6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	975.78	12.04
15164-0111 EA 8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	575.02	11.62
15164-0112 EA 8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	696.26	11.62
15164-0113 EA 8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	944.47	15.11
15164-0114 EA 8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,185.00	15.11
15164-0115 EA 8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,425.45	15.11
15164-0116 EA 10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	614.32	14.54
15164-0117 EA 10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	917.44	14.54
15164-0118 EA 10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,229.29	18.93
15164-0119 EA 10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,533.47	18.93
15164-0120 EA 10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,836.37	18.93
15164-0121 EA 12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,227.73	17.58
15164-0122 EA 12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,606.02	17.58
15164-0123 EA 12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,007.92	23.65
15164-0124 EA 12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,389.53	23.65
15164-0125 EA 12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,772.92	23.65
15164-0126 Braided Metal Hose Type Flexible Bronze Hose Connectors (15164-0041)		
Note: Flanged end connection (carbon steel ends)		
15164-0127 EA 2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	102.91	2.92
15164-0128 EA 2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	144.58	2.92
15164-0129 EA 2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	188.44	3.91
15164-0130 EA 2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	230.17	3.91
15164-0131 EA 2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	271.91	3.91

15000 Mechanical
15100 Building Services Valves And Equipment
15164 Flexible Hose Connectors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15164-0132	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	117.01	3.48
15164-0133	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	160.98	3.48
15164-0134	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	207.54	4.65
15164-0135	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	251.55	4.65
15164-0136	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	294.78	4.65
15164-0137	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	144.92	4.65
15164-0138	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	196.24	4.65
15164-0139	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	251.85	6.20
15164-0140	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	310.17	6.20
15164-0141	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	354.73	6.20
15164-0142	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	256.81	9.14
15164-0143	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	373.10	9.14
15164-0144	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	495.93	12.04
15164-0145	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	612.24	12.04
15164-0146	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	728.52	12.04
15164-0147	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	474.97	11.62
15164-0148	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	562.95	11.62
15164-0149	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	745.81	15.44
15164-0150	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	920.30	15.44
15164-0151	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,094.71	15.44
15164-0152	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	832.77	14.54
15164-0153	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,051.95	14.54
15164-0154	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,283.37	19.38
15164-0155	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,503.55	19.38
15164-0156	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,681.49	19.38
15164-0157	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,154.10	17.58
15164-0158	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,432.23	17.58
15164-0159	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,723.78	23.65
15164-0160	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,001.90	23.65
15164-0161	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,280.03	23.65

15173 Flow Measuring Devices (15100)

15173-0001 Flow Control Valves And Meters (15173)

15173-0002 Conditioned Water Balancing Valves (15173-0001)

Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off)

15173-0003	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	77.04	34.40
15173-0004	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	94.46	45.86
15173-0005	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	145.26	52.41
15173-0006	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	188.64	64.75
15173-0007	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	216.21	68.79
15173-0008	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	286.67	78.65
15173-0009	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	554.80	148.66
15173-0010	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	760.31	169.90
15173-0011	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	978.94	198.29
15173-0012	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,112.03	198.29
15173-0013	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,245.42	212.46
15173-0014	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,067.93	242.81
15173-0015	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,484.16	269.79



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15173-0016 Venturi Flowmeters <small>(15173-0001)</small>		
15173-0017 Threaded Brass Venturi Flowmeters <small>(15173-0016)</small>		
15173-0018 EA 3/4" Venturi Flowmeter, Threaded, Brass.....	131.60	45.86
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15173-0019 EA 1" Venturi Flowmeter, Threaded, Brass.....	147.35	55.03
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15173-0020 EA 1-1/4" Venturi Flowmeter, Threaded, Brass.....	162.73	61.18
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15173-0021 EA 1-1/2" Venturi Flowmeter, Threaded, Brass.....	183.34	68.79
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15173-0022 EA 2" Venturi Flowmeter, Threaded, Brass.....	216.77	78.65
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15173-0023 EA 2 1/2" Venturi Flowmeter, Threaded, Brass.....	308.40	114.59
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15173-0024 Butt Weld Carbon Steel Venturi Flowmeters <small>(15173-0016)</small>		
15173-0025 EA 3" Venturi Flowmeter, Carbon Steel, Butt Weld.....	515.07	25.31
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	106.46	
15173-0026 EA 4" Venturi Flowmeter, Carbon Steel, Butt Weld.....	689.07	33.74
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	152.60	
15173-0027 EA 5" Venturi Flowmeter, Carbon Steel, Butt Weld.....	894.29	46.39
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	202.28	
15173-0028 EA 6" Venturi Flowmeter, Carbon Steel, Butt Weld.....	1,090.98	49.20
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	234.22	
15173-0029 EA 8" Venturi Flowmeter, Carbon Steel, Butt Weld.....	1,530.21	64.67
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	358.43	
15173-0030 EA 10" Venturi Flowmeter, Carbon Steel, Butt Weld.....	2,386.79	80.14
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	613.94	
15173-0031 EA 12" Venturi Flowmeter, Carbon Steel, Butt Weld.....	3,500.09	104.04
15MOD-0193 For Portable Venturi Flow Meter, Add	995.00	
15MOD-0194 For Flanged Ends, Add	929.79	
15173-0032 Turbine Flowmeter <small>(15173-0016)</small>		
15173-0033 EA Turbine Flowmeter.....	331.10	50.59
15173-0034 Balancing Valves <small>(15173)</small>		
15173-0035 Balancing Valves With Lever <small>(15173-0034)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
15173-0036 EA 1/2" PEC, Threaded Balancing Valve With Lever.....	126.04	21.24
15173-0037 EA 3/4" PEC, Threaded Balancing Valve With Lever.....	142.24	27.99
15173-0038 EA 1" PEC, Threaded Balancing Valve With Lever.....	152.40	32.04
15173-0039 EA 1-1/4" PEC, Threaded Balancing Valve With Lever.....	175.03	39.79
15173-0040 EA 1-1/2" PEC, Threaded Balancing Valve With Lever.....	187.56	42.15
15173-0041 EA 2" PEC, Threaded Balancing Valve With Lever.....	208.20	48.23
15173-0042 EA 2-1/2" PEC, Flanged Balancing Valve With Lever.....	402.73	92.74
15173-0043 EA 3" PEC, Flanged Balancing Valve With Lever.....	492.52	123.77
15173-0044 EA 4" PEC, Flanged Balancing Valve With Lever.....	642.67	143.33
15173-0045 EA 5" PEC, Flanged Balancing Valve With Lever.....	986.01	192.56
15173-0046 EA 6" PEC, Flanged Balancing Valve With Lever.....	938.44	168.62
15173-0047 EA 8" PEC, Flanged Balancing Valve With Lever.....	1,219.40	192.56
15173-0048 Balancing Valves With Nut <small>(15173-0034)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
15173-0049 EA 4" PEC, Flanged Balancing Valve With Nut.....	614.71	143.33
15173-0050 EA 5" PEC, Flanged Balancing Valve With Nut.....	950.52	192.56
15173-0051 EA 6" PEC, Flanged Balancing Valve With Nut.....	902.95	168.62
15173-0052 EA 8" PEC, Flanged Balancing Valve With Nut.....	1,169.93	192.56
15173-0053 Balancing Valves With Hand Wheel <small>(15173-0034)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
15173-0054 EA 4" PEC, Flanged Balancing Valve With Hand Wheel.....	824.43	143.33
15173-0055 EA 5" PEC, Flanged Balancing Valve With Hand Wheel.....	1,171.00	192.56
15173-0056 EA 6" PEC, Flanged Balancing Valve With Hand Wheel.....	1,123.43	168.62
15173-0057 EA 8" PEC, Flanged Balancing Valve With Hand Wheel.....	1,410.84	192.56
15173-0058 EA 10" PEC, Flanged Balancing Valve With Hand Wheel.....	2,078.52	235.86
15173-0059 EA 12" PEC, Flanged Balancing Valve With Hand Wheel.....	2,675.98	286.18

15000 Mechanical
15100 Building Services Valves And Equipment
15173 Flow Measuring Devices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15173-0060 EA 14" PEC, Flanged Balancing Valve With Hand Wheel.....	3,522.81	296.64
15173-0061 Balancing Valves With Chain Wheel (15173-0034)		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
15173-0062 EA 4" PEC, Flanged Balancing Valve With Chain Wheel.....	938.43	143.33
15173-0063 EA 5" PEC, Flanged Balancing Valve With Chain Wheel.....	1,286.08	192.56
15173-0064 EA 6" PEC, Flanged Balancing Valve With Chain Wheel.....	1,238.51	168.62
15173-0065 EA 8" PEC, Flanged Balancing Valve With Chain Wheel.....	1,524.84	192.56
15173-0066 EA 10" PEC, Flanged Balancing Valve With Chain Wheel.....	2,193.83	235.72
15173-0067 EA 12" PEC, Flanged Balancing Valve With Chain Wheel.....	2,817.04	285.98
15173-0068 EA 14" PEC, Flanged Balancing Valve With Chain Wheel.....	3,662.06	296.77
15173-0069 Calibrated Balancing Valves (15173-0034)		
Note: Bell & Gossett CB Series.		
15173-0070 EA 1/2" Brazerd Or Soldered Calibrated Balancing Valve (CB-1/2S).....	71.54	6.75
15173-0071 EA 3/4" Brazerd Or Soldered Calibrated Balancing Valve (CB-3/4S).....	84.08	7.42
15173-0072 EA 1" Brazerd Or Soldered Calibrated Balancing Valve (CB-1S).....	102.71	8.43
15173-0073 EA 1-1/4" Brazerd Or Soldered Calibrated Balancing Valve (CB-1-1/4S).....	138.31	8.97
15173-0074 EA 1" Threaded Calibrated Balancing Valve (CB-1).....	109.55	8.43
15173-0075 EA 1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4).....	150.14	8.97
15173-0076 EA 1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2).....	174.47	10.39
15173-0077 EA 2" Threaded Calibrated Balancing Valve (CB-2).....	235.56	12.28
15173-0078 EA 2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2).....	438.39	18.01
15173-0079 EA 3" Threaded Calibrated Balancing Valve (CB-3).....	617.13	20.91
15173-0080 EA 2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F).....	583.13	97.80
15173-0081 EA 3" Flanged Calibrated Balancing Valve (CB-3F).....	843.58	114.66
15173-0082 EA 4" Flanged Calibrated Balancing Valve (CB-4F).....	1,290.45	192.23
15173-0083 EA 5" Flanged Calibrated Balancing Valve (CB-5F).....	1,931.89	242.81
15173-0084 EA 6" Flanged Calibrated Balancing Valve (CB-6F).....	2,530.83	269.79
15173-0085 EA 8" Flanged Calibrated Balancing Valve (CB-8F).....	4,508.10	310.26
15173-0086 EA 10" Flanged Calibrated Balancing Valve (CB-10F).....	6,259.48	377.71
15173-0087 EA 12" Flanged Calibrated Balancing Valve (CB-12F).....	13,185.04	458.65
15173-0088 EA 4" Grooved Calibrated Balancing Valve (CB-4G).....	1,559.70	23.21
15173-0089 EA 5" Grooved Calibrated Balancing Valve (CB-5G).....	1,802.62	32.04
15173-0090 EA 6" Grooved Calibrated Balancing Valve (CB-6G).....	2,395.18	41.09
15173-0091 EA 8" Grooved Calibrated Balancing Valve (CB-8G).....	4,477.53	52.14
15173-0092 EA 10" Grooved Calibrated Balancing Valve (CB-10G).....	6,016.36	58.43
15173-0093 EA 12" Grooved Calibrated Balancing Valve (CB-12G).....	12,376.27	71.25
15174 Tank Monitoring And Accessories (15100)		
15174-0001 Monitoring System For Underground Tanks (15174)		
15174-0002 Continuous Leak Detection System (15174-0001)		
Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.		
15174-0003 EA Single Channel Underground Tank Monitoring System.....	2,718.46	296.99
15174-0004 EA 2 Channel Underground Tank Monitoring System.....	3,662.75	396.24
15174-0005 EA 3 Channel Underground Tank Monitoring System.....	5,036.12	424.49
15174-0006 EA 4 Channel Underground Tank Monitoring System.....	5,551.34	594.00
15174-0007 EA Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System.....	3,506.38	50.71
15174-0008 EA Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System.....	3,161.56	45.27
15174-0009 EA Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System.....	4,147.85	50.71
15174-0010 EA Tank Leak Detection Probe.....	1,278.76	10.87
15174-0011 EA Secondary Containment Collar Probe.....	159.35	4.34
15174-0012 EA Interstitial Leak Detection Probe.....	293.25	9.06
15174-0013 EA Liquid Phase Detection.....	964.83	27.17
15174-0014 EA Hydrocarbon Vapor, Fixed.....	892.83	27.17
15174-0015 EA Hydrocarbon Vapor, Float Mounted.....	1,044.17	30.79
15174-0016 EA Liquid And Vapor Hydrocarbon.....	1,188.18	30.79
15174-0017 EPA Requirements (15174)		
15174-0018 EA Fill Pipe Spill Containment Manhole (5 Gallon).....	331.81	
15174-0019 EA Over-Fill Prevention Valve.....	503.00	
15174-0020 EA Tank Manway With Cover, Fiberglass.....	1,766.06	
15174-0021 EA Tank Manway With Cover, Steel.....	1,208.93	
15174-0022 EA Vent Fill Alarm (Whistle Vent).....	66.45	
15174-0023 EA Reservoir Sensor, Liquid Level.....	160.73	
15174-0024 EA Manhole Spill Containment.....	611.11	157.50
15174-0025 EA Fill Adapter, 4".....	161.18	105.02
15174-0026 EA Fill Cap, 4".....	106.05	39.37
15174-0027 EA Vent Cap, 2".....	66.36	26.28
15174-0028 EA 4" X 2" Extractor Fitting.....	174.19	39.37
15174-0029 EA Float Vent Valve.....	207.17	78.75
15174-0030 EA Vapor Hose Adapter.....	181.90	52.48
15174-0031 EA Dust Cap.....	84.57	28.66



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15174-0032	EA	1" Double Poppet Foot Valve.....	201.00	44.98
15174-0033	EA	10' Wood Gage Stick.....	20.90	
15174-0034	EA	1-1/4" Tank Filled Breather, NPT.....	58.49	
15174-0035	EA	1-1/2" Tank Filled Breather, Bayonet.....	75.32	
15174-0036	EA	2" Cast Iron Combination Fill Cap And Vent.....	44.99	
15174-0037	EA	3" Cast Iron Combination Fill Cap And Vent.....	59.85	
15174-0038	EA	4" Cast Iron Combination Fill Cap And Vent.....	92.41	
15174-0039	EA	Pressure And Vacuum Control Vent.....	302.21	
15174-0040	EA	1/4 HP Fuel/Diesel Pump Set.....	909.25	
15174-0041	EA	1/3 HP Fuel/Diesel Pump Set.....	1,074.28	
15174-0042	EA	1/2 HP Fuel/Diesel Pump Set.....	1,171.60	
15174-0043	EA	3/4 HP Fuel/Diesel Pump Set.....	1,284.83	
15174-0044	EA	1 HP Fuel/Diesel Pump Set.....	1,829.12	
15174-0045	EA	1-1/2 HP Fuel/Diesel Pump Set.....	2,255.27	
15174-0046	EA	2 HP Fuel/Diesel Pump Set.....	2,497.36	
15174-0047	EA	3 HP Fuel/Diesel Pump Set.....	3,064.81	
15174-0048	EA	5 HP Fuel/Diesel Pump Set.....	3,625.23	
15174-0049	EA	7.5 HP Fuel/Diesel Pump Set.....	4,058.11	
15174-0050	EA	10 HP Fuel/Diesel Pump Set.....	4,684.90	
15174-0051		Tank Bulkhead Fittings (15174)		
15174-0052		Tank Bulkhead Fittings (15174-0051)		
15174-0053		PVC Tank Bulkhead Fittings, Socket x Threaded Connection (15174-0052)		
15174-0054	EA	1/2" PVC Bulkhead Fitting, Socket x Thread.....	23.45	
15174-0055	EA	3/4" PVC Bulkhead Fitting, Socket x Thread.....	26.18	
15174-0056	EA	1" PVC Bulkhead Fitting, Socket x Thread.....	28.77	
15174-0057	EA	1-1/4" PVC Bulkhead Fitting, Socket x Thread.....	34.22	
15174-0058	EA	1-1/2" PVC Bulkhead Fitting, Socket x Thread.....	35.56	
15174-0059	EA	2" PVC Bulkhead Fitting, Socket x Thread.....	45.46	
15174-0060	EA	3" PVC Bulkhead Fitting, Socket x Thread.....	69.30	
15174-0061	EA	4" PVC Bulkhead Fitting, Socket x Thread.....	117.17	
15174-0062		PVC Tank Bulkhead Fittings, Thread x Threaded Connection (15174-0052)		
15174-0063	EA	1/2" PVC Bulkhead Fitting, Thread x Thread.....	26.69	
15174-0064	EA	3/4" PVC Bulkhead Fitting, Thread x Thread.....	29.40	
15174-0065	EA	1" PVC Bulkhead Fitting, Thread x Thread.....	32.12	
15174-0066	EA	1-1/4" PVC Bulkhead Fitting, Thread x Thread.....	39.42	
15174-0067	EA	1-1/2" PVC Bulkhead Fitting, Thread x Thread.....	42.12	
15174-0068	EA	2" PVC Bulkhead Fitting, Thread x Thread.....	51.41	
15174-0069	EA	3" PVC Bulkhead Fitting, Thread x Thread.....	77.23	
15174-0070	EA	4" PVC Bulkhead Fitting, Thread x Thread.....	128.44	
15174-0071		CPVC Tank Bulkhead Fittings, Socket x Threaded Connection (15174-0052)		
15174-0072	EA	1/2" CPVC Bulkhead Fitting, Socket x Thread.....	27.42	
15174-0073	EA	3/4" CPVC Bulkhead Fitting, Socket x Thread.....	31.52	
15174-0074	EA	1" CPVC Bulkhead Fitting, Socket x Thread.....	35.47	
15174-0075	EA	1-1/2" CPVC Bulkhead Fitting, Socket x Thread.....	45.34	
15174-0076	EA	2" CPVC Bulkhead Fitting, Socket x Thread.....	58.10	
15174-0077	EA	3" CPVC Bulkhead Fitting, Socket x Thread.....	88.02	
15174-0078	EA	4" CPVC Bulkhead Fitting, Socket x Thread.....	135.14	
15174-0079		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection (15174-0052)		
15174-0080	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	31.52	
15174-0081	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	36.97	
15174-0082	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread.....	45.00	
15174-0083	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	54.29	
15174-0084	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	55.63	
15174-0085	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread.....	77.80	
15174-0086	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread.....	135.60	
15174-0087	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread.....	238.02	
15174-0088		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection (15174-0052)		
15174-0089	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	28.53	
15174-0090	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread.....	36.04	
15174-0091	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	37.39	
15174-0092	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread.....	38.73	
15174-0093	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread.....	52.39	
15174-0094	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread.....	65.37	
15174-0095		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection (15174-0052)		
15174-0096	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	108.54	
15174-0097	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	124.05	

15000 Mechanical
15100 Building Services Valves And Equipment
15174 Tank Monitoring And Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15174-0098	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	151.98	
15174-0099	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	174.91	
15174-0100	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	201.38	
15174-0101	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread.....	253.02	
15174-0102	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	328.13	
15174-0103	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	362.37	
15174-0104		Self-Aligning Bulkhead Fittings (15174-0051)		
15174-0105	EA	3/4" Self-Aligning PVC Bulkhead Fitting.....	112.22	
15174-0106	EA	1" Self-Aligning PVC Bulkhead Fitting.....	112.74	
15174-0107	EA	1-1/2" Self-Aligning PVC Bulkhead Fitting.....	163.30	
15174-0108	EA	2" Self-Aligning PVC Bulkhead Fitting.....	166.97	
15174-0109	EA	3" Self-Aligning PVC Bulkhead Fitting.....	223.72	
15176		Steel Tanks (15100)		
15176-0001		Aboveground Storage Tanks (15176)		
15176-0002		Single Wall Aboveground Storage Tanks (15176-0001)		
		Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.		
15176-0003	EA	275 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	1,572.11	439.89
15176-0004	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	1,892.71	532.49
15176-0005	EA	1000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,603.03	762.15
15176-0006	EA	1500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,340.03	952.68
15176-0007	EA	2000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	4,183.30	1,295.74
15176-0008	EA	3000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,805.35	1,333.85
15176-0009	EA	5000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	8,204.88	1,649.12
15176-0010	EA	8000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	10,963.29	1,889.58
15176-0011	EA	10000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	12,912.14	2,061.35
15176-0012	EA	12000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	14,887.02	2,267.49
15176-0013	EA	15000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	16,487.56	2,519.42
15176-0014	EA	20000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	20,669.27	3,239.25
15176-0015	EA	30000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	27,711.43	3,779.16
15176-0016		Double Wall Aboveground Storage Tanks (15176-0001)		
		Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.		
15176-0017	EA	275 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,382.35	548.89
15176-0018	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,866.18	664.22
15176-0019	EA	1000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,927.54	952.68
15176-0020	EA	1500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,053.84	1,190.85
15176-0021	EA	2000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	6,237.65	1,619.66
15176-0022	EA	3000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	8,931.35	1,667.26
15176-0023	EA	5000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	12,752.36	2,053.90
15176-0024	EA	8000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	17,239.49	2,361.99
15176-0025	EA	10000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	20,401.24	2,576.72
15176-0026	EA	12000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	23,586.21	2,834.33
15176-0027	EA	15000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	26,117.22	3,149.32
15176-0028	EA	20000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	32,693.37	4,049.08
15176-0029	EA	30000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	44,166.20	4,723.91
15176-0030		Coated Underground Storage Tanks (15176)		
		Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
15176-0031		Coated Underground Single Wall Storage Tanks (15176-0030)		
		Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
15176-0032	EA	250 Gallon Steel Storage Tank, With 10 Gauge Shell, Underground.....	3,793.00	765.71
		Note: Includes setting in place with hold down bars.		
		15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	693.01	
15176-0033	EA	550 Gallon Steel Storage Tank, With 10 Gauge Shell, Underground.....	4,676.06	862.18
		Note: Includes setting in place with hold down bars.		
		15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	881.63	
15176-0034	EA	1000 Gallon Steel Storage Tank, With 7 Gauge Shell, Underground.....	5,274.30	952.68
		Note: Includes setting in place with hold down bars.		
		15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	1,001.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15176-0035 EA 2000 Gallon Steel Storage Tank, With 7 Gauge Shell, Underground Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	8,785.32 1,754.70	1,324.99
15176-0036 EA 2500 Gallon Steel Storage Tank, With 7 Gauge Shell, Underground Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	8,168.95 1,540.02	1,439.67
15176-0037 EA 4000 Gallon Steel Storage Tank, With 3/16" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	11,438.38 2,311.06	1,572.48
15176-0038 EA 5000 Gallon Steel Storage Tank, With 1/4" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	12,959.16 2,541.04	2,003.06
15176-0039 EA 7500 Gallon Steel Storage Tank, With 1/4" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	18,093.79 3,696.06	2,371.83
15176-0040 EA 8000 Gallon Steel Storage Tank, With 1/4" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	22,220.26 4,690.60	2,478.14
15176-0041 EA 10000 Gallon Steel Storage Tank, With 1/4" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	20,607.06 4,158.06	2,848.61
15176-0042 EA 10000 Gallon Steel Storage Tank, With 5/16" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	25,578.95 5,401.04	2,848.61
15176-0043 EA 12000 Gallon Steel Storage Tank, With 5/16" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	29,978.51 6,299.78	3,425.22
15176-0044 EA 15000 Gallon Steel Storage Tank, With 5/16" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	36,575.35 7,746.34	4,006.19
15176-0045 EA 20000 Gallon Steel Storage Tank, With 5/16" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	38,593.61 7,315.11	6,688.80
15176-0046 EA 30000 Gallon Steel Storage Tank, With 3/8" Shell, Underground..... Note: Includes setting in place with hold down bars. 15MOD-0195 For 20-Year Warranty Galvanic Protection, Add	58,660.43 11,165.17	10,033.16

15176-0047 Coated Underground Double Wall Storage Tanks (15176-0030)

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each; all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

15176-0048 EA 250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	4,432.61	453.50
15176-0049 EA 500 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	4,759.81	453.50
15176-0050 EA 1000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	6,807.37	566.84
15176-0051 EA 2000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	9,587.51	1,107.17
15176-0052 EA 3000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	14,994.16	1,423.42
15176-0053 EA 4000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	16,743.25	1,634.85
15176-0054 EA 5000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	18,391.74	2,161.61
15176-0055 EA 6000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	19,087.11	2,320.86
15176-0056 EA 8000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	23,222.70	2,741.81
15176-0057 EA 10000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	26,884.78	3,162.47
15176-0058 EA 12000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	33,937.29	3,477.75
15176-0059 EA 14000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	40,311.72	4,222.53
15176-0060 EA 15000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	41,734.98	4,481.21
15176-0061 EA 20000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	52,496.89	7,108.12
15176-0062 EA 25000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	64,902.03	9,217.50
15176-0063 EA 30000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	76,218.39	10,546.49
15176-0064 EA 40000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	96,245.89	11,337.48
15176-0065 EA 48000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	127,402.70	11,628.21

15176-0066 Fuel Day Tank (15176)

Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs

15176-0067 EA 10 Gallon Double Wall Steel Day Tank; Tramont TRX	671.46	80.94
15176-0068 EA 15 Gallon Double Wall Steel Day Tank; Tramont TRX	720.90	84.98
15176-0069 EA 25 Gallon Double Wall Steel Day Tank; Tramont TRX	782.45	91.05
15176-0070 EA 50 Gallon Double Wall Steel Day Tank; Tramont TRX	898.32	97.13
15176-0071 EA 60 Gallon Double Wall Steel Day Tank; Tramont TRX	1,001.13	101.17
15176-0072 EA 75 Gallon Double Wall Steel Day Tank; Tramont TRX	1,180.39	121.41
15176-0073 EA 100 Gallon Double Wall Steel Day Tank; Tramont TRX	1,586.70	141.64
15176-0074 EA 150 Gallon Double Wall Steel Day Tank; Tramont TRX	2,006.61	161.87
15176-0075 EA 200 Gallon Double Wall Steel Day Tank; Tramont TRX	2,572.05	182.11
15176-0076 EA 275 Gallon Double Wall Steel Day Tank; Tramont TRX	2,866.78	202.34

15000 Mechanical
15100 Building Services Valves And Equipment
15176 Steel Tanks



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15176-0077	EA	300 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	3,281.59	242.81
15176-0078	EA	350 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	3,677.00	283.28
15176-0079	EA	400 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	4,084.05	323.75
15176-0080	EA	450 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	4,531.12	343.98
15176-0081	EA	500 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	4,981.10	364.22
15176-0082	EA	550 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	5,492.20	384.45
15176-0083	EA	600 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	5,939.26	404.68
15176-0084	EA	700 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	6,617.53	485.62
15176-0085	EA	800 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	7,138.09	526.09
15176-0086	EA	900 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	7,836.73	607.03
15176-0087	EA	1000 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior	8,538.27	687.96
15176-0088	EA	10 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	813.12	80.94
15176-0089	EA	15 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	863.54	84.98
15176-0090	EA	25 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	925.08	91.05
15176-0091	EA	50 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	1,039.98	97.13
15176-0092	EA	60 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	1,142.79	101.17
15176-0093	EA	75 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	1,323.02	121.41
15176-0094	EA	100 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	1,742.92	141.64
15176-0095	EA	150 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	2,162.83	161.87
15176-0096	EA	200 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	2,728.26	182.11
15176-0097	EA	275 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	3,022.99	202.34
15176-0098	EA	300 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	3,437.81	242.81
15176-0099	EA	350 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	3,833.21	283.28
15176-0100	EA	400 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	4,240.27	323.75
15176-0101	EA	450 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	4,687.34	343.98
15176-0102	EA	500 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	5,137.31	364.22
15176-0103	EA	550 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	5,649.39	384.45
15176-0104	EA	600 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	6,096.45	404.68
15176-0105	EA	700 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	6,773.74	485.62
15176-0106	EA	800 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	7,294.31	526.09
15176-0107	EA	900 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	7,992.95	607.03
15176-0108	EA	1000 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior	8,694.49	687.96
15176-0109	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,349.69	80.94
15176-0110	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,394.28	84.98
15176-0111	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,434.48	91.05
15176-0112	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,588.20	97.13
15176-0113	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,646.37	101.17
15176-0114	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,819.81	121.41
15176-0115	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,190.22	141.64
15176-0116	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,763.44	161.87
15176-0117	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	3,107.65	182.11
15176-0118	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	4,060.23	202.34



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15176-0119 EA 300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	4,589.54	242.81
15176-0120 EA 350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	4,909.27	283.28
15176-0121 EA 400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	5,343.49	323.75
15176-0122 EA 450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	5,770.18	343.98
15176-0123 EA 500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	6,332.71	364.22
15176-0124 EA 550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	6,567.28	384.45
15176-0125 EA 600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	6,777.59	404.68
15176-0126 EA 700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	7,753.74	485.62
15176-0127 EA 800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	8,698.32	526.09
15176-0128 EA 900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	9,732.68	607.03
15176-0129 EA 1000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	10,783.52	687.96
15176-0130 EA 10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	1,990.08	80.94
15176-0131 EA 15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,034.68	84.98
15176-0132 EA 25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,074.87	91.05
15176-0133 EA 50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,228.59	97.13
15176-0134 EA 60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,286.76	101.17
15176-0135 EA 75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,460.20	121.41
15176-0136 EA 100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	2,830.62	141.64
15176-0137 EA 150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	3,403.83	161.87
15176-0138 EA 200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	3,790.73	182.11
15176-0139 EA 275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	4,477.46	202.34
15176-0140 EA 300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	5,006.77	242.81
15176-0141 EA 350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	5,327.46	283.28
15176-0142 EA 400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	5,760.71	323.75
15176-0143 EA 450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	6,188.38	343.98
15176-0144 EA 500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	6,749.94	364.22
15176-0145 EA 550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	6,984.51	384.45
15176-0146 EA 600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	7,194.82	404.68
15176-0147 EA 700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	8,170.96	485.62
15176-0148 EA 800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	9,116.51	526.09
15176-0149 EA 900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	10,149.90	607.03
15176-0150 EA 1000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior	11,200.74	687.96
15176-0151 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,348.12	80.94
15176-0152 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,397.56	84.98
15176-0153 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,438.73	91.05
15176-0154 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,597.30	97.13
15176-0155 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,682.64	101.17
15176-0156 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,840.56	121.41
15176-0157 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,225.52	141.64

15000 Mechanical
15100 Building Services Valves And Equipment
15176 Steel Tanks



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15176-0158	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,825.90	161.87
15176-0159	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	4,182.73	182.11
15176-0160	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	5,172.19	202.34
15176-0161	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	5,728.66	242.81
15176-0162	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	6,018.31	283.28
15176-0163	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	6,510.74	323.75
15176-0164	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	7,026.71	343.98
15176-0165	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	7,545.57	364.22
15176-0166	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	7,808.28	384.45
15176-0167	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	8,004.04	404.68
15176-0168	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	9,023.85	485.62
15176-0169	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	10,014.03	526.09
15176-0170	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	11,093.99	607.03
15176-0171	EA	1000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	12,188.50	687.96
15176-0172	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	2,988.51	80.94
15176-0173	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,037.96	84.98
15176-0174	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,079.12	91.05
15176-0175	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,237.69	97.13
15176-0176	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,323.03	101.17
15176-0177	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,479.01	121.41
15176-0178	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	3,865.91	141.64
15176-0179	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	4,466.29	161.87
15176-0180	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	4,823.12	182.11
15176-0181	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	5,589.41	202.34
15176-0182	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	6,145.89	242.81
15176-0183	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	6,532.56	283.28
15176-0184	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	6,927.97	323.75
15176-0185	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	7,443.93	343.98



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15176-0186	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	7,962.80	364.22
15176-0187	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	8,225.51	384.45
15176-0188	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	8,422.24	404.68
15176-0189	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	9,441.07	485.62
15176-0190	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	10,431.26	526.09
15176-0191	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	11,511.22	607.03
15176-0192	EA	1000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior	12,605.72	687.96
15176-0193	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	665.13	80.94
15176-0194	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	720.55	84.98
15176-0195	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	781.91	91.05
15176-0196	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	893.20	97.13
15176-0197	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,185.56	101.17
15176-0198	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	1,219.28	121.41
15176-0199	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	1,532.21	141.64
15176-0200	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	1,895.10	161.87
15176-0201	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	2,487.24	182.11
15176-0202	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	3,122.93	202.34
15176-0203	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	3,748.80	242.81
15176-0204	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	4,030.14	283.28
15176-0205	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	4,312.77	323.75
15176-0206	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	4,734.57	343.98
15176-0207	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	5,157.65	364.22
15176-0208	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	5,525.67	384.45
15176-0209	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	5,897.50	404.68
15176-0210	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	6,675.36	485.62
15176-0211	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	7,408.80	526.09
15176-0212	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	8,230.20	607.03
15176-0213	EA	150% Containment Double Wall Open Top Basin For 1000 Gallon Tank.....	9,023.41	687.96
15176-0214	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	701.34	84.98
15176-0215	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	762.84	91.05
15176-0216	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	827.02	97.13
15176-0217	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	940.58	101.17
15176-0218	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,275.78	121.41
15176-0219	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	1,309.50	141.64
15176-0220	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	1,637.95	161.87
15176-0221	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	2,019.12	182.11
15176-0222	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	2,642.28	202.34
15176-0223	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	3,311.42	222.58
15176-0224	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	3,968.31	263.04
15176-0225	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	4,261.54	303.51
15176-0226	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	4,556.12	343.98
15176-0227	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	4,999.47	364.22
15176-0228	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	5,444.18	384.45
15176-0229	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	5,830.77	404.68
15176-0230	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	6,255.12	445.15
15176-0231	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	7,068.68	526.09
15176-0232	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	7,906.59	607.03
15176-0233	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	8,766.12	687.96
15176-0234	EA	200% Containment Double Wall Open Top Basin For 1000 Gallon Tank.....	9,595.91	768.90
15176-0235	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	766.32	80.94
15176-0236	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	834.54	84.98
15176-0237	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	903.58	91.05
15176-0238	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,040.49	97.13
15176-0239	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	1,387.93	101.17
15176-0240	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	1,421.65	121.41
15176-0241	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	1,780.68	141.64
15176-0242	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	2,203.77	161.87
15176-0243	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	2,900.59	182.11
15176-0244	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	3,681.35	202.34
15176-0245	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	4,421.21	242.81
15176-0246	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	4,742.26	283.28
15176-0247	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	5,065.87	323.75
15176-0248	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	5,568.36	343.98
15176-0249	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	6,072.13	364.22
15176-0250	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	6,500.33	384.45
15176-0251	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	6,938.78	404.68
15176-0252	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	7,851.11	485.62
15176-0253	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	8,720.32	526.09

15000 Mechanical
15100 Building Services Valves And Equipment
15176 Steel Tanks



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15176-0254 EA 150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	9,676.21	607.03
15176-0255 EA 150% Containment Double Wall Sealed Top Basin For 1000 Gallon Tank	10,603.90	687.96
15176-0256 EA 200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	808.15	84.98
15176-0257 EA 200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	883.16	91.05
15176-0258 EA 200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	955.46	97.13
15176-0259 EA 200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,096.05	101.17
15176-0260 EA 200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	1,489.38	121.41
15176-0261 EA 200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	1,523.10	141.64
15176-0262 EA 200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	1,900.23	161.87
15176-0263 EA 200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	2,344.94	182.11
15176-0264 EA 200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	3,078.59	202.34
15176-0265 EA 200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	3,900.87	222.58
15176-0266 EA 200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	4,678.08	263.04
15176-0267 EA 200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	5,013.22	303.51
15176-0268 EA 200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	5,351.06	343.98
15176-0269 EA 200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	5,879.59	364.22
15176-0270 EA 200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	6,409.47	384.45
15176-0271 EA 200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	6,859.58	404.68
15176-0272 EA 200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	7,354.25	445.15
15176-0273 EA 200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	8,309.76	526.09
15176-0274 EA 200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	9,290.97	607.03
15176-0275 EA 200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	10,292.46	687.96
15176-0276 EA 200% Containment Double Wall Sealed Top Basin For 1000 Gallon Tank	11,264.20	768.90

15176-0277 Expansion Tanks (15176)

15176-0278 Horizontal Steel Expansion Tanks ASME Code Stamp (15176-0277)

Note: 150 PSI with glass gauge cocks

15176-0279 EA 10 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	385.32	67.45
15176-0280 EA 15 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	544.27	84.31
15176-0281 EA 30 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	712.61	101.17
15176-0282 EA 40 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	820.40	118.04
15176-0283 EA 60 Gallon Steel Expansion Tank, ASME Stamp 150 PSI With Gauge Glass And Cocks	954.96	125.71

15176-0284 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks, ASME (15176-0277)

Note: Precharged with working pressure 125 psi. Armstrong AX Series

15176-0285 EA 8.0 Gallon Vertical Diaphragm Steel Expansion Tank	1,350.71	50.59
15176-0286 EA 11.0 Gallon Vertical Diaphragm Steel Expansion Tank	1,389.73	59.02
15176-0287 EA 22.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,000.89	67.45
15176-0288 EA 34.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,134.04	75.87
15176-0289 EA 44.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,721.22	84.31
15176-0290 EA 56.0 Gallon Vertical Diaphragm Steel Expansion Tank	2,859.90	92.74
15176-0291 EA 67.0 Gallon Vertical Diaphragm Steel Expansion Tank	3,495.07	101.17
15176-0292 EA 77.0 Gallon Vertical Diaphragm Steel Expansion Tank	3,777.72	109.60
15176-0293 EA 91.0 Gallon Vertical Diaphragm Steel Expansion Tank	4,180.32	118.04
15176-0294 EA 111.0 Gallon Vertical Diaphragm Steel Expansion Tank	4,274.96	134.89
15176-0295 EA 132.0 Gallon Vertical Diaphragm Steel Expansion Tank	5,268.44	151.76
15176-0296 EA 158.0 Gallon Vertical Diaphragm Steel Expansion Tank	6,117.96	168.62
15176-0297 EA 211.0 Gallon Vertical Diaphragm Steel Expansion Tank	7,041.82	202.34

15176-0298 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks, ASME (15176-0277)

15176-0299 EA 2.1 Gallon Residential Expansion Tank	44.52	6.20
15176-0300 EA 3.1 Gallon Residential Expansion Tank	55.68	6.20
15176-0301 EA 4.7 Gallon Residential Expansion Tank	66.84	6.20

15177 Plastic Tanks (15100)

15177-0001 Horizontal Cylindrical Non-Pressurized Plastic Tanks (15177)

Note: Made of glass fiber reinforcement and isophthalic resin. Includes hold down straps and 4" NPT connections as follows: 550 gallon or 1000 gallon, 4 each; all others 6 each. Excludes excavation and backfill.

15177-0002 EA 550 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	2,297.30	287.58
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0003 EA 1000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	2,944.45	381.07
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0004 EA 2000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	3,994.22	476.34
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0005 EA 4000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	5,263.31	564.56
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0006 EA 6000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	6,740.17	762.15
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0007 EA 8000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	7,940.80	952.68
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0008 EA 10000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	9,415.59	1,295.74
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0009 EA 12000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	11,558.83	1,649.12
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0010 EA 15000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	15,452.99	1,814.00
15MOD-0196 For Helical Heating Coil, Add	1,763.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15177-0011 EA 20000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	19,798.51	2,015.58
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0012 EA 25000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	31,737.12	2,591.42
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0013 EA 30000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	47,183.36	3,023.33
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0014 EA 40000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	58,963.38	4,534.99
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0015 EA 48000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	66,548.88	6,046.66
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0016 EA 50000 Gallon Horizontal Cylindrical Plastic Tank With Fitting Connections And Hold Down Straps.....	69,482.99	6,480.85
15MOD-0196 For Helical Heating Coil, Add	1,763.00	
15177-0017 Expansion Tanks (15177)		
15177-0018 Vertical Diaphragm Type (Bladder) FRP Expansion Tanks, ASME (15177-0017)		
15177-0019 EA 7.8 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 2.5 Gallon Acceptance	1,100.70	202.27
15177-0020 EA 14.5 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 5 Gallon Acceptance	1,279.13	202.41
15177-0021 EA 21.7 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 5 Gallon Acceptance	1,450.64	202.41
15177-0022 EA 33.6 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 11.5 Gallon Acceptance.....	1,548.17	202.41
15177-0023 EA 44.4 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 22.6 Gallon Acceptance.....	1,876.07	202.41
15177-0024 EA 55.7 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 22.6 Gallon Acceptance.....	2,086.40	269.72
15177-0025 EA 68 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance.....	2,446.59	269.85
15177-0026 EA 77 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance.....	2,586.16	269.85
15177-0027 EA 90 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance.....	2,893.88	269.85
15177-0028 EA 110 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 34 Gallon Acceptance.....	3,084.09	337.23
15177-0029 EA 132 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 46 Gallon Acceptance.....	3,475.88	337.23
15177-0030 EA 158 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 56 Gallon Acceptance.....	4,057.69	337.23
15177-0031 EA 211 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 84 Gallon Acceptance.....	4,563.82	337.23
15177-0032 EA 315 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 125 Gallon Acceptance.....	5,697.28	404.55
15177-0033 EA 420 Gallon Volume FRP Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 167 Gallon Acceptance.....	8,012.74	404.55
15177-0034 Polyethylene Chemical Storage Tanks (15177)		
15177-0035 EA 15 Gallon Chemical Storage Tank, Polyethylene.....	175.47	51.87
15177-0036 Underground Fiberglass Storage Tanks (15177)		
15177-0037 Single Wall Fiberglass Underground Storage Tanks (15177-0036)		
Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
15177-0038 EA 550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,199.96	453.50
15177-0039 EA 1000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,762.62	566.84
15177-0040 EA 2000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,591.14	701.34
15177-0041 EA 2500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,092.44	854.26
15177-0042 EA 3000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,589.97	1,001.91
15177-0043 EA 4000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,607.01	1,318.31
15177-0044 EA 5000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,787.46	2,003.84
15177-0045 EA 6000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,738.69	2,531.16
15177-0046 EA 8000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,234.93	2,847.56
15177-0047 EA 10000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	10,442.31	3,374.88
15177-0048 EA 12000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,360.79	4,007.67
15177-0049 EA 15000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	16,463.50	5,009.59
15177-0050 EA 20000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	20,855.73	6,697.02
15177-0051 EA 25000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	30,772.17	8,331.73
15177-0052 EA 30000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	37,626.30	10,019.17
15177-0053 EA 40000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	53,831.73	14,501.43
15177-0054 EA 50000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	76,103.16	18,456.37
15177-0055 Double Wall Fiberglass Underground Storage Tanks (15177-0036)		
Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
15177-0056 EA 550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps.....	4,152.79	453.50
15177-0057 EA 1000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	5,465.99	566.84
15177-0058 EA 2000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	6,554.88	685.53
15177-0059 EA 3000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	8,549.97	1,001.99
15177-0060 EA 4000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,649.51	1,318.31
15177-0061 EA 5000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,231.46	2,003.84
15177-0062 EA 6000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,578.69	2,531.16
15177-0063 EA 8000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	15,394.93	2,847.56
15177-0064 EA 10000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,602.31	3,374.88
15177-0065 EA 12000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,070.79	4,007.67
15177-0066 EA 15000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	27,491.00	5,009.59
15177-0067 EA 20000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	34,165.73	6,697.02
15177-0068 EA 30000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	52,696.30	10,019.17

15000 Mechanical**15100 Building Services Valves And Equipment****15177 Plastic Tanks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15177-0069			Underground Storage Tank Pump Enclosures (15177)		
15177-0070	EA		Secondary Containment Collar	853.68	
15177-0071	EA		Turbine Enclosure With Lid 4" Long x 42" Diameter	853.68	
15177-0072	EA		Fitting Kit For Turbine Enclosure.....	170.74	
15177-0073	EA		Grommet Kits For Plumbing And Electrical.....	341.47	
15177-0074	EA		Turbine Electrical Coupling Kit.....	426.84	
15179			Concrete Tanks (15100)		
15179-0001			Aboveground Concrete Vaulted Storage Tanks (15179)		
			Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.		
15179-0002	EA		500 Gallon Concrete Vaulted Storage Tank	15,539.48	980.75
	15MOD-0197		For Low Profile Tanks, Add	5,668.40	
15179-0003	EA		1000 Gallon Concrete Vaulted Storage Tank	19,547.00	1,107.17
	15MOD-0197		For Low Profile Tanks, Add	7,200.84	
15179-0004	EA		2000 Gallon Concrete Vaulted Storage Tank	34,558.70	1,318.31
	15MOD-0197		For Low Profile Tanks, Add	13,087.68	
15179-0005	EA		4000 Gallon Concrete Vaulted Storage Tank	54,909.78	2,899.65
15179-0006	EA		5000 Gallon Concrete Vaulted Storage Tank	62,697.99	3,166.90
15179-0007	EA		6000 Gallon Concrete Vaulted Storage Tank	70,542.79	3,420.01
15179-0008	EA		8000 Gallon Concrete Vaulted Storage Tank	78,372.66	3,711.17
15179-0009	EA		10000 Gallon Concrete Vaulted Storage Tank	86,197.87	3,950.37
15180			Insulation (15000)		
			See CSI section 07200-0000 for building insulation.		
15182			Pipe Insulation (15180)		
15182-0001			Fiberglass Pipe Insulation (15182)		
			Note: Includes factory applied all service jacket (fire retardant), vapor barrier coatings, lap and butt strips, staples, and adhesive. Excludes fittings, for fittings/valves up to 4" add 3 LF for each fitting or 4 LF (for each flanged/grooved joint, for fittings/valves < 4" add 2 LF for each fitting or 3 LF for each flanged/grooved joint.		
15182-0002			1" Thick Fiberglass Pipe Insulation (15182-0001)		
15182-0003	LF		1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	6.30	1.84
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.08	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.13	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.57	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.23	
	15MOD-0202		For Work In Restricted Working Space, Add	1.51	
15182-0004	LF		3/4" Diameter Pipe, 1" Thick Fiberglass Insulation	6.48	1.84
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.09	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.15	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.65	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.26	
	15MOD-0202		For Work In Restricted Working Space, Add	1.51	
15182-0005	LF		1" Diameter Pipe, 1" Thick Fiberglass Insulation	6.59	1.84
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.10	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.15	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.66	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.34	
	15MOD-0202		For Work In Restricted Working Space, Add	1.54	
15182-0006	LF		1-1/4" Diameter Pipe, 1" Thick Fiberglass Insulation	6.85	1.90
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.11	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.17	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.75	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.44	
	15MOD-0202		For Work In Restricted Working Space, Add	1.56	
15182-0007	LF		1-1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	7.05	1.90
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.12	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.19	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.81	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.53	
	15MOD-0202		For Work In Restricted Working Space, Add	1.58	
15182-0008	LF		2" Diameter Pipe, 1" Thick Fiberglass Insulation	7.36	1.97
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.13	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.20	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.88	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.70	
	15MOD-0202		For Work In Restricted Working Space, Add	1.62	
15182-0009	LF		2-1/2" Diameter Pipe, 1" Thick Fiberglass Insulation	7.77	2.09
	15MOD-0198		For Standard Canvas Jacket Only, Deduct	-0.14	
	15MOD-0199		For Single Layer Of Felt Finish, Add	0.23	
	15MOD-0200		For Polyurethane With Canvas Jacket, Add	0.97	
	15MOD-0201		For Water Resistant Cellular Glass Insulation, Add	5.94	
	15MOD-0202		For Work In Restricted Working Space, Add	1.69	



Mechanical 15000	15
Insulation 15180	
Pipe Insulation 15182	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0010	LF 3" Diameter Pipe, 1" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	8.20 -0.16 0.26 1.09 6.13 1.73	2.15
15182-0011	LF 4" Diameter Pipe, 1" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	9.34 -0.20 0.33 1.41 6.68 1.86	2.27
15182-0012	LF 6" Diameter Pipe, 1" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	10.83 -0.25 0.40 1.72 7.57 2.10	2.63
15182-0013	LF 8" Diameter Pipe, 1" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	13.50 -0.36 0.57 2.46 8.85 2.41	2.95
15182-0014	LF 10" Diameter Pipe, 1" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	15.87 -0.41 0.67 2.87 10.45 2.85	3.50
15182-0015	LF 12" Diameter Pipe, 1" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	18.21 -0.47 0.76 3.26 12.05 3.29	3.99
15182-0016	1-1/2" Thick Fiberglass Pipe Insulation <small>(15182-0001)</small>		
15182-0017	LF 1/2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	7.80 -0.17 0.27 1.15 5.63 1.58	1.90
15182-0018	LF 3/4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	7.92 -0.17 0.28 1.20 5.65 1.58	1.90
15182-0019	LF 1" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	8.36 -0.18 0.29 1.26 5.98 1.67	2.01
15182-0020	LF 1-1/4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	8.68 -0.20 0.32 1.35 6.12 1.70	2.05
15182-0021	LF 1-1/2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	8.95 -0.21 0.33 1.43 6.25 1.73	2.09
15182-0022	LF 2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	9.56 -0.23 0.36 1.56 6.61 1.83	2.20
15182-0023	LF 2-1/2" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation 15MOD-0198 For Standard Canvas Jacket Only, Deduct 15MOD-0199 For Single Layer Of Felt Finish, Add 15MOD-0200 For Polyurethane With Canvas Jacket, Add 15MOD-0201 For Water Resistant Cellular Glass Insulation, Add 15MOD-0202 For Work In Restricted Working Space, Add	10.01 -0.25 0.40 1.71 6.77 1.86	2.23

15000 Mechanical**15180 Insulation****15182 Pipe Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0024	LF	3" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	10.34	2.31
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.26	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.41	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	1.77	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	7.00	
		15MOD-0202 For Work In Restricted Working Space, Add	1.92	
15182-0025	LF	4" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	11.42	2.50
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.29	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.47	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.03	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	7.60	
		15MOD-0202 For Work In Restricted Working Space, Add	2.08	
15182-0026	LF	6" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	13.22	2.92
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.33	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.54	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.31	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	8.85	
		15MOD-0202 For Work In Restricted Working Space, Add	2.42	
15182-0027	LF	8" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	14.97	3.08
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.42	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.68	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.89	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	9.50	
		15MOD-0202 For Work In Restricted Working Space, Add	2.56	
15182-0028	LF	10" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	18.32	3.68
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.53	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.85	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	3.65	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	11.43	
		15MOD-0202 For Work In Restricted Working Space, Add	3.06	
15182-0029	LF	12" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	20.73	4.30
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.57	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.93	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	3.97	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	13.22	
		15MOD-0202 For Work In Restricted Working Space, Add	3.57	
15182-0030		2" Thick Fiberglass Pipe Insulation (15182-0001)		
15182-0031	LF	1/2" Diameter Pipe, 2" Thick Fiberglass Insulation	9.77	2.09
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.26	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.42	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	1.80	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	6.37	
		15MOD-0202 For Work In Restricted Working Space, Add	1.73	
15182-0032	LF	3/4" Diameter Pipe, 2" Thick Fiberglass Insulation	9.91	2.09
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.27	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.43	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	1.86	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	6.39	
		15MOD-0202 For Work In Restricted Working Space, Add	1.73	
15182-0033	LF	1" Diameter Pipe, 2" Thick Fiberglass Insulation	10.27	2.15
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.29	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.47	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	1.99	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	6.50	
		15MOD-0202 For Work In Restricted Working Space, Add	1.75	
15182-0034	LF	1-1/4" Diameter Pipe, 2" Thick Fiberglass Insulation	10.58	2.15
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.30	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.49	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.10	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	6.61	
		15MOD-0202 For Work In Restricted Working Space, Add	1.77	
15182-0035	LF	1-1/2" Diameter Pipe, 2" Thick Fiberglass Insulation	10.93	2.21
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.32	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.52	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.22	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	6.73	
		15MOD-0202 For Work In Restricted Working Space, Add	1.80	
15182-0036	LF	2" Diameter Pipe, 2" Thick Fiberglass Insulation	11.35	2.27
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.33	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.54	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.31	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	6.98	
		15MOD-0202 For Work In Restricted Working Space, Add	1.86	
15182-0037	LF	2-1/2" Diameter Pipe, 2" Thick Fiberglass Insulation	11.95	2.33
		15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.36	
		15MOD-0199 For Single Layer Of Felt Finish, Add	0.58	
		15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.48	
		15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	7.26	
		15MOD-0202 For Work In Restricted Working Space, Add	1.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0038 LF 3" Diameter Pipe, 2" Thick Fiberglass Insulation	12.60	2.45
15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.39	
15MOD-0199 For Single Layer Of Felt Finish, Add	0.62	
15MOD-0200 For Polyurethane With Canvas Jacket, Add	2.68	
15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	7.54	
15MOD-0202 For Work In Restricted Working Space, Add	2.00	
15182-0039 LF 4" Diameter Pipe, 2" Thick Fiberglass Insulation	13.83	2.57
15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.44	
15MOD-0199 For Single Layer Of Felt Finish, Add	0.72	
15MOD-0200 For Polyurethane With Canvas Jacket, Add	3.07	
15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	8.03	
15MOD-0202 For Work In Restricted Working Space, Add	2.10	
15182-0040 LF 6" Diameter Pipe, 2" Thick Fiberglass Insulation	16.34	3.03
15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.51	
15MOD-0199 For Single Layer Of Felt Finish, Add	0.83	
15MOD-0200 For Polyurethane With Canvas Jacket, Add	3.56	
15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	9.61	
15MOD-0202 For Work In Restricted Working Space, Add	2.53	
15182-0041 LF 8" Diameter Pipe, 2" Thick Fiberglass Insulation	18.67	3.20
15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.64	
15MOD-0199 For Single Layer Of Felt Finish, Add	1.03	
15MOD-0200 For Polyurethane With Canvas Jacket, Add	4.41	
15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	10.35	
15MOD-0202 For Work In Restricted Working Space, Add	2.66	
15182-0042 LF 10" Diameter Pipe, 2" Thick Fiberglass Insulation	22.34	3.82
15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.76	
15MOD-0199 For Single Layer Of Felt Finish, Add	1.23	
15MOD-0200 For Polyurethane With Canvas Jacket, Add	5.27	
15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	12.39	
15MOD-0202 For Work In Restricted Working Space, Add	3.19	
15182-0043 LF 12" Diameter Pipe, 2" Thick Fiberglass Insulation	25.58	4.58
15MOD-0198 For Standard Canvas Jacket Only, Deduct	-0.84	
15MOD-0199 For Single Layer Of Felt Finish, Add	1.35	
15MOD-0200 For Polyurethane With Canvas Jacket, Add	5.79	
15MOD-0201 For Water Resistant Cellular Glass Insulation, Add	14.65	
15MOD-0202 For Work In Restricted Working Space, Add	3.82	
15182-0044 Foamglas Pipe Insulation, Rigid, Closed Cell ⁽¹⁵¹⁸²⁾		
Note: Includes adhesive. Excludes fittings; for fittings/valves up to 4" add 3 LF for each fitting or 4 LF for each flanged joint, for fittings/valves < 4" add 2 LF for each fitting or 3 LF for each flanged joint.		
15182-0045 1" Thick Foamglas Pipe Insulation ⁽¹⁵¹⁸²⁻⁰⁰⁴⁴⁾		
15182-0046 LF 1/2" Diameter Pipe, 1" Thick Foamglas Insulation	11.67	3.00
15MOD-0202 For Work In Restricted Working Space, Add	2.72	
15182-0047 LF 3/4" Diameter Pipe, 1" Thick Foamglas Insulation	12.33	3.00
15MOD-0202 For Work In Restricted Working Space, Add	2.72	
15182-0048 LF 1" Diameter Pipe, 1" Thick Foamglas Insulation	13.12	3.04
15MOD-0202 For Work In Restricted Working Space, Add	2.76	
15182-0049 LF 1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	13.48	3.08
15MOD-0202 For Work In Restricted Working Space, Add	2.80	
15182-0050 LF 1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	14.05	3.12
15MOD-0202 For Work In Restricted Working Space, Add	2.84	
15182-0051 LF 2" Diameter Pipe, 1" Thick Foamglas Insulation	15.16	3.21
15MOD-0202 For Work In Restricted Working Space, Add	2.92	
15182-0052 LF 2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	16.51	3.34
15MOD-0202 For Work In Restricted Working Space, Add	3.04	
15182-0053 LF 3" Diameter Pipe, 1" Thick Foamglas Insulation	18.06	3.43
15MOD-0202 For Work In Restricted Working Space, Add	3.12	
15182-0054 LF 4" Diameter Pipe, 1" Thick Foamglas Insulation	21.29	3.68
15MOD-0202 For Work In Restricted Working Space, Add	3.35	
15182-0055 LF 6" Diameter Pipe, 1" Thick Foamglas Insulation	27.89	4.16
15MOD-0202 For Work In Restricted Working Space, Add	3.78	
15182-0056 1-1/2" Thick Foamglas Pipe Insulation ⁽¹⁵¹⁸²⁻⁰⁰⁴⁴⁾		
15182-0057 LF 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	16.47	3.93
15MOD-0202 For Work In Restricted Working Space, Add	3.56	
15182-0058 LF 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	16.89	3.93
15MOD-0202 For Work In Restricted Working Space, Add	3.56	
15182-0059 LF 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	17.31	3.93
15MOD-0202 For Work In Restricted Working Space, Add	3.56	
15182-0060 LF 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	18.00	4.05
15MOD-0202 For Work In Restricted Working Space, Add	3.68	
15182-0061 LF 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	18.67	4.19
15MOD-0202 For Work In Restricted Working Space, Add	3.80	
15182-0062 LF 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	20.43	4.34
15MOD-0202 For Work In Restricted Working Space, Add	3.95	
15182-0063 LF 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.36	4.50
15MOD-0202 For Work In Restricted Working Space, Add	4.09	
15182-0064 LF 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	26.10	4.67
15MOD-0202 For Work In Restricted Working Space, Add	4.25	
15182-0065 LF 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	29.38	4.86
15MOD-0202 For Work In Restricted Working Space, Add	4.42	

15000 Mechanical**15180 Insulation****15182 Pipe Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0066	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.68	5.15
		15MOD-0202 For Work In Restricted Working Space, Add	4.68	
15182-0067	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	36.85	5.47
		15MOD-0202 For Work In Restricted Working Space, Add	4.97	
15182-0068	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	45.42	6.43
		15MOD-0202 For Work In Restricted Working Space, Add	5.84	
15182-0069	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	51.95	7.47
		15MOD-0202 For Work In Restricted Working Space, Add	6.78	
15182-0070	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	56.79	7.73
		15MOD-0202 For Work In Restricted Working Space, Add	7.02	
15182-0071	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	62.32	8.63
		15MOD-0202 For Work In Restricted Working Space, Add	7.84	
15182-0072	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	69.98	10.20
		15MOD-0202 For Work In Restricted Working Space, Add	9.28	
15182-0073	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	78.34	11.29
		15MOD-0202 For Work In Restricted Working Space, Add	10.27	
15182-0074	LF	24" Diameter Pipe, 2" Thick Fiberglass Insulation	100.25	12.51
		15MOD-0202 For Work In Restricted Working Space, Add	11.38	
15182-0075		2" Thick Foamglas Pipe Insulation (15182-0044)		
15182-0076	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	16.38	3.43
		15MOD-0202 For Work In Restricted Working Space, Add	3.12	
15182-0077	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	17.03	3.43
		15MOD-0202 For Work In Restricted Working Space, Add	3.12	
15182-0078	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	17.79	3.47
		15MOD-0202 For Work In Restricted Working Space, Add	3.15	
15182-0079	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	18.95	3.51
		15MOD-0202 For Work In Restricted Working Space, Add	3.20	
15182-0080	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	20.11	3.56
		15MOD-0202 For Work In Restricted Working Space, Add	3.23	
15182-0081	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	22.93	3.68
		15MOD-0202 For Work In Restricted Working Space, Add	3.35	
15182-0082	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	24.12	3.82
		15MOD-0202 For Work In Restricted Working Space, Add	3.47	
15182-0083	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	26.12	3.95
		15MOD-0202 For Work In Restricted Working Space, Add	3.59	
15182-0084	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	29.84	4.17
		15MOD-0202 For Work In Restricted Working Space, Add	3.79	
15182-0085	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	36.08	4.73
		15MOD-0202 For Work In Restricted Working Space, Add	4.30	
15182-0086	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	40.15	5.28
		15MOD-0202 For Work In Restricted Working Space, Add	4.79	
15182-0087	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	49.39	6.08
		15MOD-0202 For Work In Restricted Working Space, Add	5.53	
15182-0088	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	61.14	7.56
		15MOD-0202 For Work In Restricted Working Space, Add	6.87	
15182-0089	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	65.05	8.25
		15MOD-0202 For Work In Restricted Working Space, Add	7.50	
15182-0090	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	75.66	10.54
		15MOD-0202 For Work In Restricted Working Space, Add	9.59	
15182-0091	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	83.16	11.08
		15MOD-0202 For Work In Restricted Working Space, Add	10.07	
15182-0092	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	91.35	12.65
		15MOD-0202 For Work In Restricted Working Space, Add	11.51	
15182-0093	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	115.49	15.29
		15MOD-0202 For Work In Restricted Working Space, Add	13.90	
15182-0094		2-1/2" Thick Foamglas Pipe Insulation (15182-0044)		
15182-0095	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	20.59	3.71
		15MOD-0202 For Work In Restricted Working Space, Add	3.38	
15182-0096	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	21.69	3.71
		15MOD-0202 For Work In Restricted Working Space, Add	3.38	
15182-0097	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	22.99	3.77
		15MOD-0202 For Work In Restricted Working Space, Add	3.43	
15182-0098	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	24.18	3.80
		15MOD-0202 For Work In Restricted Working Space, Add	3.46	
15182-0099	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	25.38	3.83
		15MOD-0202 For Work In Restricted Working Space, Add	3.48	
15182-0100	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	27.39	3.99
		15MOD-0202 For Work In Restricted Working Space, Add	3.63	
15182-0101	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	29.34	4.13
		15MOD-0202 For Work In Restricted Working Space, Add	3.75	
15182-0102	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	32.20	4.27
		15MOD-0202 For Work In Restricted Working Space, Add	3.89	
15182-0103	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	36.53	4.50
		15MOD-0202 For Work In Restricted Working Space, Add	4.10	
15182-0104	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	44.10	5.13
		15MOD-0202 For Work In Restricted Working Space, Add	4.66	
15182-0105	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	49.13	5.71
		15MOD-0202 For Work In Restricted Working Space, Add	5.19	
15182-0106	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	55.95	6.58
		15MOD-0202 For Work In Restricted Working Space, Add	5.99	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0107	LF 12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	69.70 7.44	8.18
15182-0108	LF 14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	72.03 8.12	8.93
15182-0109	LF 16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	83.52 10.38	11.42
15182-0110	LF 18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	91.50 10.90	11.99
15182-0111	LF 20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	105.33 12.46	13.70
15182-0112	LF 24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	132.90 15.05	16.56
15182-0113	3" Thick Foamglas Pipe Insulation (15182-0044)		
15182-0114	LF 1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	25.75 3.59	3.96
15182-0115	LF 3/4" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	26.41 3.59	3.96
15182-0116	LF 1" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	27.27 3.65	4.02
15182-0117	LF 1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	28.02 3.68	4.05
15182-0118	LF 1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	28.80 3.71	4.08
15182-0119	LF 2" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	31.17 3.86	4.25
15182-0120	LF 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	33.47 3.99	4.39
15182-0121	LF 3" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	38.74 4.13	4.55
15182-0122	LF 4" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	44.86 4.36	4.79
15182-0123	LF 6" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	48.80 4.95	5.45
15182-0124	LF 8" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	55.24 5.52	6.07
15182-0125	LF 10" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	66.31 6.37	7.00
15182-0126	LF 12" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	76.09 7.92	8.71
15182-0127	LF 14" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	81.16 8.64	9.50
15182-0128	LF 16" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	95.58 11.04	12.15
15182-0129	LF 18" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	102.73 11.60	12.75
15182-0130	LF 20" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	120.99 13.25	14.58
15182-0131	LF 24" Diameter Pipe, 3" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	148.26 16.01	17.62
15182-0132	3-1/2" Thick Foamglas Pipe Insulation (15182-0044)		
15182-0133	LF 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	30.96 4.36	4.79
15182-0134	LF 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	31.79 4.36	4.79
15182-0135	LF 1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	32.72 4.39	4.82
15182-0136	LF 1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	33.64 4.41	4.85
15182-0137	LF 1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	34.66 4.47	4.91
15182-0138	LF 2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	38.69 4.62	5.09
15182-0139	LF 2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	42.72 4.78	5.27
15182-0140	LF 3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	45.32 4.95	5.45
15182-0141	LF 4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	48.66 5.24	5.76
15182-0142	LF 6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	56.17 5.94	6.54
15182-0143	LF 8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	64.13 6.62	7.29
15182-0144	LF 10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	77.22 7.64	8.41
15182-0145	LF 12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	90.36 9.50	10.44
15182-0146	LF 14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	93.41 10.37	11.40
15182-0147	LF 16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... 15MOD-0202 For Work In Restricted Working Space, Add	110.44 13.25	14.58

15000 Mechanical**15180 Insulation****15182 Pipe Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0148	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	122.60	15.31
		15MOD-0202 For Work In Restricted Working Space, Add	13.91	
15182-0149	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	139.45	17.51
		15MOD-0202 For Work In Restricted Working Space, Add	15.92	
15182-0150	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation.....	171.85	21.14
		15MOD-0202 For Work In Restricted Working Space, Add	19.22	
15182-0151		4" Thick Foamglas Pipe Insulation (15182-0044)		
15182-0152	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation.....	37.61	5.89
		15MOD-0202 For Work In Restricted Working Space, Add	5.35	
15182-0153	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation.....	38.68	5.89
		15MOD-0202 For Work In Restricted Working Space, Add	5.35	
15182-0154	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation.....	40.06	5.98
		15MOD-0202 For Work In Restricted Working Space, Add	5.45	
15182-0155	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation.....	41.34	6.06
		15MOD-0202 For Work In Restricted Working Space, Add	5.51	
15182-0156	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation.....	43.00	6.26
		15MOD-0202 For Work In Restricted Working Space, Add	5.68	
15182-0157	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation.....	46.97	6.44
		15MOD-0202 For Work In Restricted Working Space, Add	5.86	
15182-0158	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation.....	50.66	6.55
		15MOD-0202 For Work In Restricted Working Space, Add	5.95	
15182-0159	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation.....	53.33	6.78
		15MOD-0202 For Work In Restricted Working Space, Add	6.17	
15182-0160	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation.....	58.02	7.57
		15MOD-0202 For Work In Restricted Working Space, Add	6.88	
15182-0161	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation.....	68.20	8.12
		15MOD-0202 For Work In Restricted Working Space, Add	7.39	
15182-0162	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation.....	77.64	8.81
		15MOD-0202 For Work In Restricted Working Space, Add	8.01	
15182-0163	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation.....	88.26	10.46
		15MOD-0202 For Work In Restricted Working Space, Add	9.52	
15182-0164	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation.....	101.79	13.00
		15MOD-0202 For Work In Restricted Working Space, Add	11.82	
15182-0165	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation.....	110.56	14.20
		15MOD-0202 For Work In Restricted Working Space, Add	12.91	
15182-0166	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation.....	128.99	18.15
		15MOD-0202 For Work In Restricted Working Space, Add	16.50	
15182-0167	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation.....	145.55	19.03
		15MOD-0202 For Work In Restricted Working Space, Add	17.30	
15182-0168	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation.....	162.37	21.77
		15MOD-0202 For Work In Restricted Working Space, Add	19.79	
15182-0169	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation.....	208.21	26.31
		15MOD-0202 For Work In Restricted Working Space, Add	23.91	
15182-0170		Flexible Polyethylene Tubing Closed Cell Foam Insulation (15182)		
		Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). No additional linear feet for fittings required.		
15182-0171		3/8" Wall Flexible Polyethylene Tubing Foam Insulation (15182-0170)		
15182-0172	LF	1/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	3.84	1.84
		15MOD-0203 For Work In Restricted Working Space, Add	1.10	
15182-0173	LF	1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	3.85	1.84
		15MOD-0203 For Work In Restricted Working Space, Add	1.10	
15182-0174	LF	3/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	3.86	1.84
		15MOD-0203 For Work In Restricted Working Space, Add	1.10	
15182-0175	LF	1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.01	1.90
		15MOD-0203 For Work In Restricted Working Space, Add	1.14	
15182-0176	LF	3/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.18	1.97
		15MOD-0203 For Work In Restricted Working Space, Add	1.18	
15182-0177	LF	1" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.31	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.20	
15182-0178	LF	1-1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.46	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.22	
15182-0179	LF	1-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.51	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.22	
15182-0180	LF	2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.67	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.23	
15182-0181	LF	2-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.00	2.09
		15MOD-0203 For Work In Restricted Working Space, Add	1.27	
15182-0182	LF	3" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.15	2.13
		15MOD-0203 For Work In Restricted Working Space, Add	1.28	
15182-0183		1/2" Wall Flexible Polyethylene Tubing Foam Insulation (15182-0170)		
15182-0184	LF	1/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.25	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.20	
15182-0185	LF	1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.27	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.20	
15182-0186	LF	3/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.31	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.21	
15182-0187	LF	1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	4.38	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.22	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0188	LF 3/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.45 1.23	2.03
15182-0189	LF 1" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.64 1.26	2.09
15182-0190	LF 1-1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.47 1.18	2.13
15182-0191	LF 1-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.98 1.30	2.16
15182-0192	LF 2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.19 1.31	2.19
15182-0193	LF 2-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.57 1.35	2.26
15182-0194	LF 3" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.95 1.37	2.29
15182-0195	LF 3-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	6.30 1.39	2.32
15182-0196	LF 4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	6.51 1.41	2.35
15182-0197	3/4" Wall Flexible Polyethylene Tubing Foam Insulation (15182-0170)		
15182-0198	LF 1/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.68 1.30	2.16
15182-0199	LF 1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.71 1.30	2.16
15182-0200	LF 3/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.77 1.31	2.19
15182-0201	LF 1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.04 1.35	2.26
15182-0202	LF 3/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.17 1.37	2.29
15182-0203	LF 1" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.48 1.41	2.35
15182-0204	LF 1-1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.79 1.43	2.39
15182-0205	LF 1-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.93 1.44	2.39
15182-0206	LF 2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	6.49 1.45	2.42
15182-0207	LF 2-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	7.28 1.49	2.48
15182-0208	LF 3" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	7.34 1.51	2.51
15182-0209	LF 3-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	7.90 1.53	2.54
15182-0210	LF 4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	8.15 1.55	2.57
15182-0211	1" Wall Flexible Polyethylene Tubing Foam Insulation (15182-0170)		
15182-0212	LF 1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.32 1.43	2.39
15182-0213	LF 3/8" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.44 1.45	2.42
15182-0214	LF 1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.81 1.49	2.48
15182-0215	LF 3/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	5.93 1.51	2.51
15182-0216	LF 1" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	6.47 1.55	2.57
15182-0217	LF 1-1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	6.76 1.59	2.64
15182-0218	LF 1-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	6.87 1.61	2.64
15182-0219	LF 2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	7.36 1.62	2.70
15182-0220	LF 2-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	7.74 1.66	2.77
15182-0221	LF 3" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	8.07 1.68	2.81
15182-0222	Flexible Elastomeric Tubing Closed Cell Foam Insulation (15182) Note: No additional LF for fittings required.		
15182-0223	3/8" Wall Flexible Elastomeric Tubing Foam Insulation (15182-0222)		
15182-0224	LF 1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	3.94 1.10	1.84
15182-0225	LF 3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	3.99 1.10	1.84
15182-0226	LF 1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.13 1.14	1.90
15182-0227	LF 5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation 15MOD-0203 For Work In Restricted Working Space, Add	4.18 1.16	1.94

15000 Mechanical**15180 Insulation****15182 Pipe Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0228	LF	3/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.33	1.97
		15MOD-0203 For Work In Restricted Working Space, Add	1.18	
15182-0229	LF	7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.36	1.97
		15MOD-0203 For Work In Restricted Working Space, Add	1.19	
15182-0230	LF	1" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.43	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.20	
15182-0231	LF	1-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.46	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.21	
15182-0232	LF	1-1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.61	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.22	
15182-0233	LF	1-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.68	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.22	
15182-0234	LF	2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.89	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.23	
15182-0235	LF	2-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.01	2.06
		15MOD-0203 For Work In Restricted Working Space, Add	1.24	
15182-0236	LF	2-3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.16	2.09
		15MOD-0203 For Work In Restricted Working Space, Add	1.26	
15182-0237	LF	2-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.29	2.09
		15MOD-0203 For Work In Restricted Working Space, Add	1.27	
15182-0238	LF	2-7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.38	2.13
		15MOD-0203 For Work In Restricted Working Space, Add	1.28	
15182-0239	LF	3-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.50	2.13
		15MOD-0203 For Work In Restricted Working Space, Add	1.28	
15182-0240	LF	3-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.79	2.16
		15MOD-0203 For Work In Restricted Working Space, Add	1.30	
15182-0241	LF	4-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.11	2.19
		15MOD-0203 For Work In Restricted Working Space, Add	1.31	
15182-0242	LF	4-1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.47	2.20
		15MOD-0203 For Work In Restricted Working Space, Add	1.32	
15182-0243		1/2" Wall Flexible Elastomeric Tubing Foam Insulation (15182-0222)		
15182-0244	LF	1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.40	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.20	
15182-0245	LF	3/8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.48	2.00
		15MOD-0203 For Work In Restricted Working Space, Add	1.21	
15182-0246	LF	1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.57	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.22	
15182-0247	LF	3/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.66	2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.23	
15182-0248	LF	1" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.80	2.09
		15MOD-0203 For Work In Restricted Working Space, Add	1.26	
15182-0249	LF	1-1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.96	2.13
		15MOD-0203 For Work In Restricted Working Space, Add	1.28	
15182-0250	LF	1-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.19	2.16
		15MOD-0203 For Work In Restricted Working Space, Add	1.30	
15182-0251	LF	2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.48	2.19
		15MOD-0203 For Work In Restricted Working Space, Add	1.31	
15182-0252	LF	2-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.91	2.26
		15MOD-0203 For Work In Restricted Working Space, Add	1.35	
15182-0253	LF	3" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.12	2.29
		15MOD-0203 For Work In Restricted Working Space, Add	1.37	
15182-0254	LF	3-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.76	2.32
		15MOD-0203 For Work In Restricted Working Space, Add	1.39	
15182-0255	LF	4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.97	2.35
		15MOD-0203 For Work In Restricted Working Space, Add	1.41	
15182-0256	LF	5" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.87	2.39
		15MOD-0203 For Work In Restricted Working Space, Add	1.43	
15182-0257	LF	6" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.45	2.45
		15MOD-0203 For Work In Restricted Working Space, Add	1.47	
15182-0258	LF	8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.09	2.51
		15MOD-0203 For Work In Restricted Working Space, Add	1.51	
15182-0259		3/4" Wall Flexible Elastomeric Tubing Foam Insulation (15182-0222)		
15182-0260	LF	1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	4.95	2.16
		15MOD-0203 For Work In Restricted Working Space, Add	1.30	
15182-0261	LF	3/8" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.06	2.19
		15MOD-0203 For Work In Restricted Working Space, Add	1.31	
15182-0262	LF	1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.33	2.26
		15MOD-0203 For Work In Restricted Working Space, Add	1.35	
15182-0263	LF	3/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.58	2.29
		15MOD-0203 For Work In Restricted Working Space, Add	1.37	
15182-0264	LF	1" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.84	2.35
		15MOD-0203 For Work In Restricted Working Space, Add	1.41	
15182-0265	LF	1-1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.31	2.39
		15MOD-0203 For Work In Restricted Working Space, Add	1.43	
15182-0266	LF	1-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.57	2.42
		15MOD-0203 For Work In Restricted Working Space, Add	1.45	
15182-0267	LF	2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.88	2.42
		15MOD-0203 For Work In Restricted Working Space, Add	1.45	
15182-0268	LF	2-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.70	2.48
		15MOD-0203 For Work In Restricted Working Space, Add	1.49	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0269	LF 3" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	8.13 1.51	2.51
15182-0270	LF 3-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	8.77 1.53	2.54
15182-0271	LF 4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	9.07 1.55	2.57
15182-0272	LF 5" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	7.30 0.78	3.07
15182-0273	LF 6" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	10.97 1.59	2.64
15182-0274	LF 8" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	12.26 1.62	2.70
15182-0275	1" Wall Flexible Elastomeric Tubing Foam Insulation (15182-0222)		
15182-0276	LF 3/8" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	6.33 1.45	2.42
15182-0277	LF 1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	6.55 1.49	2.48
15182-0278	LF 3/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	6.96 1.51	2.51
15182-0279	LF 1" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	7.42 1.55	2.57
15182-0280	LF 1-1/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	7.84 1.59	2.64
15182-0281	LF 1-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	8.31 1.61	2.64
15182-0282	LF 2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	9.37 1.62	2.70
15182-0283	LF 2-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	10.70 1.66	2.77
15182-0284	LF 3" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	11.34 1.68	2.81
15182-0285	LF 3-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	11.59 1.70	2.84
15182-0286	LF 4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	13.33 1.74	2.91
15182-0287	LF 5" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	14.73 1.78	2.97
15182-0288	LF 6" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	16.17 1.82	3.03
15182-0289	Flexible Polyolefin Tubing Closed Cell Foam Insulation (15182)		
	Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. No additional LF for fittings required.		
15182-0290	3/8" Wall Flexible Polyolefin Tubing Foam Insulation (15182-0289)		
15182-0291	LF 1/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	3.96 1.10	1.84
15182-0292	LF 1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	3.98 1.10	1.84
15182-0293	LF 3/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.03 1.10	1.84
15182-0294	LF 1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.18 1.14	1.90
15182-0295	LF 3/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.37 1.18	1.97
15182-0296	LF 1" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.49 1.20	2.00
15182-0297	LF 1-1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.70 1.22	2.03
15182-0298	LF 1-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.85 1.22	2.03
15182-0299	LF 2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.97 1.23	2.09
15182-0300	LF 2-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	5.48 1.27	2.09
15182-0301	LF 3" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	5.93 1.28	2.13
15182-0302	LF 4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	7.10 1.31	2.19
15182-0303	1/2" Wall Flexible Polyolefin Tubing Foam Insulation (15182-0289)		
15182-0304	LF 1/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.45 1.20	2.00
15182-0305	LF 1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.47 1.20	2.00
15182-0306	LF 3/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.52 1.21	2.00
15182-0307	LF 1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... 15MOD-0203 For Work In Restricted Working Space, Add	4.61 1.22	2.03

15000 Mechanical**15180 Insulation****15182 Pipe Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0308	LF	3/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....4.74		2.03
		15MOD-0203 For Work In Restricted Working Space, Add	1.23	
15182-0309	LF	1" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....4.89		2.09
		15MOD-0203 For Work In Restricted Working Space, Add	1.26	
15182-0310	LF	1-1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.12		2.13
		15MOD-0203 For Work In Restricted Working Space, Add	1.28	
15182-0311	LF	1-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.37		2.16
		15MOD-0203 For Work In Restricted Working Space, Add	1.30	
15182-0312	LF	2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.61		2.19
		15MOD-0203 For Work In Restricted Working Space, Add	1.31	
15182-0313	LF	2-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.16		2.26
		15MOD-0203 For Work In Restricted Working Space, Add	1.35	
15182-0314	LF	3" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.65		2.29
		15MOD-0203 For Work In Restricted Working Space, Add	1.37	
15182-0315	LF	4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....7.56		2.35
		15MOD-0203 For Work In Restricted Working Space, Add	1.41	
15182-0316		3/4" Wall Flexible Polyolefin Tubing Foam Insulation ⁽¹⁵¹⁸²⁻⁰²⁸⁹⁾		
15182-0317	LF	1/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....4.99		2.16
		15MOD-0203 For Work In Restricted Working Space, Add	1.30	
15182-0318	LF	1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.03		2.16
		15MOD-0203 For Work In Restricted Working Space, Add	1.30	
15182-0319	LF	3/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.20		2.19
		15MOD-0203 For Work In Restricted Working Space, Add	1.31	
15182-0320	LF	1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.42		2.26
		15MOD-0203 For Work In Restricted Working Space, Add	1.35	
15182-0321	LF	3/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.75		2.29
		15MOD-0203 For Work In Restricted Working Space, Add	1.37	
15182-0322	LF	1" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.05		2.35
		15MOD-0203 For Work In Restricted Working Space, Add	1.41	
15182-0323	LF	1-1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.59		2.39
		15MOD-0203 For Work In Restricted Working Space, Add	1.43	
15182-0324	LF	1-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.94		2.39
		15MOD-0203 For Work In Restricted Working Space, Add	1.44	
15182-0325	LF	2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....7.34		2.42
		15MOD-0203 For Work In Restricted Working Space, Add	1.45	
15182-0326	LF	2-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....8.11		2.48
		15MOD-0203 For Work In Restricted Working Space, Add	1.49	
15182-0327	LF	3" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....8.82		2.51
		15MOD-0203 For Work In Restricted Working Space, Add	1.51	
15182-0328	LF	4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....10.17		2.57
		15MOD-0203 For Work In Restricted Working Space, Add	1.55	
15182-0329		1" Wall Flexible Polyolefin Tubing Foam Insulation ⁽¹⁵¹⁸²⁻⁰²⁸⁹⁾		
15182-0330	LF	1/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....5.97		2.39
		15MOD-0203 For Work In Restricted Working Space, Add	1.43	
15182-0331	LF	1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.00		2.39
		15MOD-0203 For Work In Restricted Working Space, Add	1.43	
15182-0332	LF	3/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.10		2.42
		15MOD-0203 For Work In Restricted Working Space, Add	1.45	
15182-0333	LF	1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.31		2.48
		15MOD-0203 For Work In Restricted Working Space, Add	1.49	
15182-0334	LF	3/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....6.79		2.51
		15MOD-0203 For Work In Restricted Working Space, Add	1.51	
15182-0335	LF	1" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....7.20		2.57
		15MOD-0203 For Work In Restricted Working Space, Add	1.55	
15182-0336	LF	1-1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....7.61		2.64
		15MOD-0203 For Work In Restricted Working Space, Add	1.59	
15182-0337	LF	1-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....8.00		2.64
		15MOD-0203 For Work In Restricted Working Space, Add	1.61	
15182-0338	LF	2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....8.88		2.70
		15MOD-0203 For Work In Restricted Working Space, Add	1.62	
15182-0339	LF	2-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....10.08		2.77
		15MOD-0203 For Work In Restricted Working Space, Add	1.66	
15182-0340	LF	3" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....10.93		2.81
		15MOD-0203 For Work In Restricted Working Space, Add	1.68	
15182-0341		Calcium Silicate Insert, 12" Long ⁽¹⁵¹⁸²⁾		
		Note: Insert is for use as isolated protective insulation at hangers.		
15182-0342		1" Thick Calcium Silicate Insert ⁽¹⁵¹⁸²⁻⁰³⁴¹⁾		
15182-0343	EA	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insert.....9.09		3.99
15182-0344	EA	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insert.....9.26		3.99
15182-0345	EA	1" Diameter Pipe, 1" Thick Calcium Silicate Insert.....9.31		3.99
15182-0346	EA	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insert.....9.48		3.99
15182-0347	EA	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insert.....10.15		4.24
15182-0348	EA	2" Diameter Pipe, 1" Thick Calcium Silicate Insert.....10.60		4.36
15182-0349	EA	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insert.....11.13		4.54
15182-0350	EA	3" Diameter Pipe, 1" Thick Calcium Silicate Insert.....11.70		4.72
15182-0351	EA	4" Diameter Pipe, 1" Thick Calcium Silicate Insert.....12.76		4.90



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15182-0352	EA	6" Diameter Pipe, 1" Thick Calcium Silicate Insert.....	13.67	4.24
15182-0353		1-1/2" Thick Calcium Silicate Insert (15182-0341)		
15182-0354	EA	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	7.84	3.01
15182-0355	EA	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	8.71	3.01
15182-0356	EA	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	8.91	3.07
15182-0357	EA	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	9.23	3.13
15182-0358	EA	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	9.52	3.13
15182-0359	EA	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	10.03	3.25
15182-0360	EA	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	10.61	3.37
15182-0361	EA	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	10.90	3.43
15182-0362	EA	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	12.02	3.74
15182-0363	EA	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	17.79	6.44
15182-0364	EA	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	16.23	4.84
15182-0365	EA	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	19.67	5.70
15182-0366	EA	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insert.....	22.33	6.57
15182-0367		2" Thick Calcium Silicate Insert (15182-0341)		
15182-0368	EA	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	11.00	3.43
15182-0369	EA	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	11.14	3.43
15182-0370	EA	1" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	11.53	3.50
15182-0371	EA	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	11.87	3.56
15182-0372	EA	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	12.22	3.62
15182-0373	EA	2" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	12.70	3.74
15182-0374	EA	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	13.38	3.86
15182-0375	EA	3" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	14.02	3.99
15182-0376	EA	4" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	15.47	4.24
15182-0377	EA	6" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	17.70	4.78
15182-0378	EA	8" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	27.41	8.16
15182-0379	EA	10" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	29.93	9.44
15182-0380	EA	12" Diameter Pipe, 2" Thick Calcium Silicate Insert.....	34.49	11.17
15182-0381		2-1/2" Thick Calcium Silicate Insert (15182-0341)		
15182-0382	EA	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	12.60	3.99
15182-0383	EA	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	12.76	3.99
15182-0384	EA	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	13.23	4.05
15182-0385	EA	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	13.57	4.11
15182-0386	EA	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	13.94	4.11
15182-0387	EA	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	14.52	4.30
15182-0388	EA	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	15.30	4.42
15182-0389	EA	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	16.02	4.60
15182-0390	EA	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	17.65	4.84
15182-0391	EA	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	20.22	5.52
15182-0392	EA	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	26.60	6.13
15182-0393	EA	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	31.69	7.05
15182-0394	EA	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insert.....	36.27	8.77
15182-0395		3" Thick Calcium Silicate Insert (15182-0341)		
15182-0396	EA	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	23.68	4.11
15182-0397	EA	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	28.13	4.30
15182-0398	EA	1" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	29.21	4.30
15182-0399	EA	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	29.91	4.42
15182-0400	EA	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	30.73	4.54
15182-0401	EA	2" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	31.65	4.60
15182-0402	EA	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	33.31	4.72
15182-0403	EA	3" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	34.76	5.03
15182-0404	EA	4" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	38.28	5.22
15182-0405	EA	6" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	43.78	6.38
15182-0406	EA	8" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	56.39	6.99
15182-0407	EA	10" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	67.04	7.37
15182-0408	EA	12" Diameter Pipe, 3" Thick Calcium Silicate Insert.....	77.07	9.50
15183		Tempered Water Piping Pre-Insulated (15180)		
15183-0001		FRP Carrier And Casing, 1" Polyurethane Insulation (15183)		
15183-0002	LF	4" FRP Carrier And Casing With 1" Polyurethane Insulation.....	52.04	14.84
15183-0003	LF	6" FRP Carrier And Casing With 1" Polyurethane Insulation.....	61.52	14.84
15183-0004	LF	8" FRP Carrier And Casing With 1" Polyurethane Insulation.....	84.55	16.75
15183-0005	LF	10" FRP Carrier And Casing With 1" Polyurethane Insulation.....	114.25	20.95
15183-0006	LF	12" FRP Carrier And Casing With 1" Polyurethane Insulation.....	145.77	25.83
15183-0007		FRP Carrier And PVC Casing, 1" Polyurethane Insulation (15183)		
15183-0008	LF	4" FRP Carrier And PVC Casing With 1" Polyurethane Insulation.....	30.81	14.84
15183-0009	LF	6" FRP Carrier And PVC Casing With 1" Polyurethane Insulation.....	33.64	14.84

15000 Mechanical**15180 Insulation****15183 Tempered Water Piping Pre-Insulated**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15183-0010	LF	8" FRP Carrier And PVC Casing With 1" Polyurethane Insulation.....	36.26	14.84
15183-0011	LF	10" FRP Carrier And PVC Casing With 1" Polyurethane Insulation.....	43.60	17.54
15183-0012	LF	12" FRP Carrier And PVC Casing With 1" Polyurethane Insulation.....	52.99	22.26

15183-0013 PVC Carrier And Casing, 1" Polyurethane Insulation (15183)

15183-0014	LF	4" PVC Carrier And Casing With 1" Polyurethane Insulation.....	30.81	14.84
15183-0015	LF	6" PVC Carrier And Casing With 1" Polyurethane Insulation.....	33.63	14.84
15183-0016	LF	8" PVC Carrier And Casing With 1" Polyurethane Insulation.....	36.26	14.84
15183-0017	LF	10" PVC Carrier And Casing With 1" Polyurethane Insulation.....	43.60	17.54
15183-0018	LF	12" PVC Carrier And Casing With 1" Polyurethane Insulation.....	52.98	22.26

15184 Refrigerant And Domestic Water Pipe Insulation (15180)

Note: No additional LF for fittings required.

15184-0001 Flexible Elastomeric Unicellular Insulation (15184)

Note: 1/2" thick, for refrigeration piping.

15184-0002	LF	1/2" Pipe, (5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	4.62	2.03
		15MOD-0204 For Work In Restricted Working Space, Add	1.22	
		15MOD-0205 For 3/4" Thick Covering, Add	0.82	
		15MOD-0206 For 1" Thick Covering, Add	1.56	
15184-0003	LF	3/4" Pipe, (7/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	4.74	2.03
		15MOD-0204 For Work In Restricted Working Space, Add	1.23	
		15MOD-0205 For 3/4" Thick Covering, Add	0.89	
		15MOD-0206 For 1" Thick Covering, Add	1.68	
15184-0004	LF	1" Pipe, (1-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	4.89	2.09
		15MOD-0204 For Work In Restricted Working Space, Add	1.26	
		15MOD-0205 For 3/4" Thick Covering, Add	0.94	
		15MOD-0206 For 1" Thick Covering, Add	1.78	
15184-0005	LF	1-1/4" Pipe, (1-3/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	5.12	2.13
		15MOD-0204 For Work In Restricted Working Space, Add	1.28	
		15MOD-0205 For 3/4" Thick Covering, Add	1.08	
		15MOD-0206 For 1" Thick Covering, Add	2.02	
15184-0006	LF	1-1/2" Pipe, (1-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	5.36	2.16
		15MOD-0204 For Work In Restricted Working Space, Add	1.30	
		15MOD-0205 For 3/4" Thick Covering, Add	1.21	
		15MOD-0206 For 1" Thick Covering, Add	2.27	
15184-0007	LF	2" Pipe, (2-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	5.61	2.19
		15MOD-0204 For Work In Restricted Working Space, Add	1.31	
		15MOD-0205 For 3/4" Thick Covering, Add	1.36	
		15MOD-0206 For 1" Thick Covering, Add	2.54	
15184-0008	LF	2-1/2" Pipe, (2-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	6.16	2.26
		15MOD-0204 For Work In Restricted Working Space, Add	1.35	
		15MOD-0205 For 3/4" Thick Covering, Add	1.69	
		15MOD-0206 For 1" Thick Covering, Add	3.13	
15184-0009	LF	3" Pipe, (3-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	6.64	2.29
		15MOD-0204 For Work In Restricted Working Space, Add	1.37	
		15MOD-0205 For 3/4" Thick Covering, Add	2.00	
		15MOD-0206 For 1" Thick Covering, Add	3.70	
15184-0010	LF	3-1/2" Pipe, (3-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	7.10	2.32
		15MOD-0204 For Work In Restricted Working Space, Add	1.39	
		15MOD-0205 For 3/4" Thick Covering, Add	2.31	
		15MOD-0206 For 1" Thick Covering, Add	4.25	
15184-0011	LF	4" Pipe, (4-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	7.56	2.35
		15MOD-0204 For Work In Restricted Working Space, Add	1.41	
		15MOD-0205 For 3/4" Thick Covering, Add	2.62	
		15MOD-0206 For 1" Thick Covering, Add	4.80	

15186 Insulation Protective Jacketing (15180)

Note: Jacketing only and must be added to insulation prices.

15186-0001 Metal Insulation Protective Jacketing With Bands (15186)

15186-0002	SF	0.006" Aluminum Insulation Jacket With Bands Fire Retardant.....	9.24	3.93
15186-0003	SF	0.010" Aluminum Insulation Jacket With Bands Fire Retardant.....	9.40	3.93
15186-0004	SF	0.016" Aluminum Insulation Jacket With Bands Fire Retardant.....	9.54	3.93
15186-0005	SF	0.020" Aluminum Insulation Jacket With Bands Fire Retardant.....	9.68	3.93
15186-0006	SF	0.024" Aluminum Insulation Jacket With Bands Fire Retardant.....	9.81	3.93
15186-0007	SF	0.010" Stainless Steel Insulation Jacket With Bands Fire Retardant.....	11.93	4.60

15186-0008 PVC Insulation Protective Jacketing (15186)**15186-0009 20 mil PVC Insulation Protective Jacketing (15186-0008)**

15186-0010	LF	1-1/2" ID, .02" PVC Insulation Jacketing.....	3.87	0.92
15186-0011	LF	2" ID, .02" PVC Insulation Jacketing.....	4.12	0.95
15186-0012	LF	2-1/2" ID, .02" PVC Insulation Jacketing.....	4.31	0.98
15186-0013	LF	3" ID, .02" PVC Insulation Jacketing.....	4.56	1.04
15186-0014	LF	3-1/2" ID, .02" PVC Insulation Jacketing.....	4.82	1.07
15186-0015	LF	4" ID, .02" PVC Insulation Jacketing.....	5.06	1.10
15186-0016	LF	4-1/2" ID, .02" PVC Insulation Jacketing.....	5.31	1.17
15186-0017	LF	5" ID, .02" PVC Insulation Jacketing.....	5.62	1.23



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15186-0018	LF	5-1/2" ID, .02" PVC Insulation Jacketing.....	5.95	1.29
15186-0019	LF	6" ID, .02" PVC Insulation Jacketing.....	6.31	1.35
15186-0020	LF	6-1/2" ID, .02" PVC Insulation Jacketing.....	6.50	1.41
15186-0021	LF	7" ID, .02" PVC Insulation Jacketing.....	6.76	1.44
15186-0022	LF	7-1/2" ID, .02" PVC Insulation Jacketing.....	7.06	15.03
15186-0023	LF	8" ID, .02" PVC Insulation Jacketing.....	7.19	1.51
15186-0024	LF	8-1/2" ID, .02" PVC Insulation Jacketing.....	7.39	1.55
15186-0025	LF	9" ID, .02" PVC Insulation Jacketing.....	7.57	1.58
15186-0026	LF	10" ID, .02" PVC Insulation Jacketing.....	7.97	1.53
15186-0027	LF	11" ID, .02" PVC Insulation Jacketing.....	8.40	1.72
15186-0028	LF	12" ID, .02" PVC Insulation Jacketing.....	8.84	1.80

15186-0029 30 mil PVC Insulation Protective Jacketing (15186-0008)

15186-0030	LF	2" ID, .03" PVC Insulation Jacketing.....	4.27	0.95
15186-0031	LF	2-1/2" ID, .03" PVC Insulation Jacketing.....	4.50	0.98
15186-0032	LF	3" ID, .03" PVC Insulation Jacketing.....	4.80	1.03
15186-0033	LF	3-1/2" ID, .03" PVC Insulation Jacketing.....	5.08	1.07
15186-0034	LF	4" ID, .03" PVC Insulation Jacketing.....	5.36	1.12
15186-0035	LF	4-1/2" ID, .03" PVC Insulation Jacketing.....	5.64	1.17
15186-0036	LF	5" ID, .03" PVC Insulation Jacketing.....	5.98	1.23
15186-0037	LF	5-1/2" ID, .03" PVC Insulation Jacketing.....	6.34	1.29
15186-0038	LF	6" ID, .03" PVC Insulation Jacketing.....	6.74	1.38
15186-0039	LF	6-1/2" ID, .03" PVC Insulation Jacketing.....	6.96	1.39
15186-0040	LF	7" ID, .03" PVC Insulation Jacketing.....	7.25	1.44
15186-0041	LF	7-1/2" ID, .03" PVC Insulation Jacketing.....	7.59	1.50
15186-0042	LF	8" ID, .03" PVC Insulation Jacketing.....	7.76	1.51
15186-0043	LF	8-1/2" ID, .03" PVC Insulation Jacketing.....	7.99	1.55
15186-0044	LF	9" ID, .03" PVC Insulation Jacketing.....	8.21	1.58
15186-0045	LF	10" ID, .03" PVC Insulation Jacketing.....	8.66	1.64
15186-0046	LF	11" ID, .03" PVC Insulation Jacketing.....	9.16	1.72
15186-0047	LF	12" ID, .03" PVC Insulation Jacketing.....	9.66	1.80

15186-0048 PVC Insulation Protective Jacketing For Fittings (15186-0008)

15186-0049	EA	1-1/2" PVC Elbow Insulation Jacketing.....	7.78	1.84
15186-0050	EA	2" PVC Elbow Insulation Jacketing.....	8.12	1.89
15186-0051	EA	2-1/2" PVC Elbow Insulation Jacketing.....	8.49	1.95
15186-0052	EA	3" PVC Elbow Insulation Jacketing.....	8.95	2.04
15186-0053	EA	3-1/2" PVC Elbow Insulation Jacketing.....	9.61	2.00
15186-0054	EA	4" PVC Elbow Insulation Jacketing.....	10.18	2.22
15186-0055	EA	4-1/2" PVC Elbow Insulation Jacketing.....	10.86	2.33
15186-0056	EA	5" PVC Elbow Insulation Jacketing.....	11.62	2.45
15186-0057	EA	5-1/2" PVC Elbow Insulation Jacketing.....	12.70	2.57
15186-0058	EA	6" PVC Elbow Insulation Jacketing.....	14.98	2.73
15186-0059	EA	6-1/2" PVC Elbow Insulation Jacketing.....	15.26	2.83
15186-0060	EA	7" PVC Elbow Insulation Jacketing.....	16.90	2.89
15186-0061	EA	7-1/2" PVC Elbow Insulation Jacketing.....	17.40	2.96
15186-0062	EA	8" PVC Elbow Insulation Jacketing.....	18.53	3.02
15186-0063	EA	8-1/2" PVC Elbow Insulation Jacketing.....	19.54	3.07
15186-0064	EA	9" PVC Elbow Insulation Jacketing.....	22.46	3.19
15186-0065	EA	10" PVC Elbow Insulation Jacketing.....	24.07	3.31
15186-0066	EA	11" PVC Elbow Insulation Jacketing.....	26.16	3.45
15186-0067	EA	12" PVC Elbow Insulation Jacketing.....	30.38	3.60
15186-0068	EA	1-1/2" PVC Tee Or Wye Insulation Jacketing.....	11.13	2.56
15186-0069	EA	2" PVC Tee Or Wye Insulation Jacketing.....	11.57	2.63
15186-0070	EA	2-1/2" PVC Tee Or Wye Insulation Jacketing.....	12.38	2.79
15186-0071	EA	3" PVC Tee Or Wye Insulation Jacketing.....	13.40	2.99
15186-0072	EA	3-1/2" PVC Tee Or Wye Insulation Jacketing.....	15.04	3.24
15186-0073	EA	4" PVC Tee Or Wye Insulation Jacketing.....	15.64	3.36
15186-0074	EA	4-1/2" PVC Tee Or Wye Insulation Jacketing.....	16.79	3.51
15186-0075	EA	5" PVC Tee Or Wye Insulation Jacketing.....	17.95	3.66
15186-0076	EA	5-1/2" PVC Tee Or Wye Insulation Jacketing.....	19.96	3.89
15186-0077	EA	6" PVC Tee Or Wye Insulation Jacketing.....	22.13	4.10
15186-0078	EA	6-1/2" PVC Tee Or Wye Insulation Jacketing.....	23.72	4.16
15186-0079	EA	7" PVC Tee Or Wye Insulation Jacketing.....	28.77	4.31
15186-0080	EA	7-1/2" PVC Tee Or Wye Insulation Jacketing.....	30.75	4.54
15186-0081	EA	8" PVC Tee Or Wye Insulation Jacketing.....	32.54	4.63
15186-0082	EA	8-1/2" PVC Tee Or Wye Insulation Jacketing.....	34.27	4.72
15186-0083	EA	9" PVC Tee Or Wye Insulation Jacketing.....	36.11	4.84
15186-0084	EA	10" PVC Tee Or Wye Insulation Jacketing.....	38.76	5.11
15186-0085	EA	11" PVC Tee Or Wye Insulation Jacketing.....	41.20	5.22
15186-0086	EA	12" PVC Tee Or Wye Insulation Jacketing.....	43.70	5.34

15189 Insulation Foam Rubber (15189)

15189-0001 Covering 4x6 Sheet (15189)

15189-0002	SF	1" Thick Foam Rubber Sheet Insulation.....	11.88	4.36
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15000 Mechanical**15180 Insulation**

15189 Insulation Foam Rubber



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15189-0003		Lavatory Insulation ⁽¹⁵¹⁸⁹⁾		
15189-0004	EA	Neoprene Insulation Kit For Under Lavatories.....	154.13	13.80
15190		Ductwork ⁽¹⁵¹⁹⁰⁾		
		Note: Based on SF surface area of duct to receive insulation. See CSI section 15848-0000 for duct liner.		
15190-0001		Fiber Glass FSK Duct Wrap Insulation ⁽¹⁵¹⁹⁰⁾		
		Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 15848-0000 for internal duct insulation.		
15190-0002		Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation ⁽¹⁵¹⁹⁰⁻⁰⁰⁰¹⁾		
15190-0003	SF	1-1/2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.17	1.23
15190-0004	SF	2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.46	1.84
15190-0005	SF	3" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.89	2.15
		15MOD-0703 For Plain Blanket, With No Facing, Deduct.....	-0.13	
		15MOD-0704 For Work In Restricted Working Space, Add.....	0.77	
15190-0006	SF	4" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.28	2.33
		15MOD-0703 For Plain Blanket, With No Facing, Deduct.....	-0.21	
		15MOD-0704 For Work In Restricted Working Space, Add.....	0.83	
15190-0007		Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation ⁽¹⁵¹⁹⁰⁻⁰⁰⁰¹⁾		
15190-0008	SF	1" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.30	1.84
15190-0009	SF	1-1/2" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.66	2.15
15190-0010	SF	2" Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation.....	3.13	2.45
15190-0011		Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation ⁽¹⁵¹⁹⁰⁻⁰⁰⁰¹⁾		
15190-0012	SF	1" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	2.88	2.45
15190-0013	SF	1-1/2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	3.55	2.76
15190-0014	SF	2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation.....	4.12	3.07
15190-0015		Calcium Block Insulation ⁽¹⁵¹⁹⁰⁾		
15190-0016	SF	Calcium Block Insulation - 2" Thick.....	15.58	5.77
15190-0017		3 LB/CF FSK Rigid Fiber Glass Board Insulation ⁽¹⁵¹⁹⁰⁾		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
15190-0018	SF	1", 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	8.94	6.25
		15MOD-0207 For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add.....	21.17	
		15MOD-0208 For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add.....	15.52	
		15MOD-0209 For Non-Metallic Weatherproof Paste, 2 LB, Add.....	12.84	
15190-0019	SF	1-1/2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	9.01	6.25
		15MOD-0207 For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add.....	21.22	
		15MOD-0208 For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add.....	15.59	
		15MOD-0209 For Non-Metallic Weatherproof Paste, 2 LB, Add.....	12.88	
15190-0020	SF	2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation.....	9.76	6.95
		15MOD-0207 For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add.....	22.88	
		15MOD-0208 For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add.....	16.84	
		15MOD-0209 For Non-Metallic Weatherproof Paste, 2 LB, Add.....	13.91	
15190-0021		4.253 LB/CF FSK Rigid Fiber Glass Board Insulation ⁽¹⁵¹⁹⁰⁾		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
15190-0022	SF	1", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation.....	10.79	1.73
15190-0023	SF	1-1/2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation.....	12.22	1.88
15190-0024	SF	2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation.....	14.00	2.09
15190-0025		Other Ductwork Insulation ⁽¹⁵¹⁹⁰⁾		
15190-0026	SF	1/2" Cement Over 1" Wire Mesh, Including Corner Bead.....	13.53	4.90
15190-0027	SF	Glass Cloth Pasted On.....	7.49	4.42
15190-0028	SF	Weatherproof, Non Metallic, 21 LB/SF.....	13.11	5.83
15190-0029		Flexible Elastomeric Insulation ⁽¹⁵¹⁹⁰⁾		
15190-0030	SF	3/8" Thick Sheet Elastomeric Insulation.....	5.12	1.65
15190-0031	SF	1/2" Thick Sheet Elastomeric Insulation.....	5.47	1.75
15190-0032	SF	3/4" Thick Sheet Elastomeric Insulation.....	7.21	1.84
15190-0033	SF	1" Thick Sheet Elastomeric Insulation.....	8.32	1.94
15190-0034	SF	1-1/2" Thick Sheet Elastomeric Insulation.....	11.59	2.12
15190-0035	SF	2" Thick Sheet Elastomeric Insulation.....	13.71	2.30

15200 Water Supply And Treatment ⁽¹⁵⁰⁰⁰⁾**15230 Booster Pumping Equipment** ⁽¹⁵²⁰⁰⁾



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15230-0001 Domestic Booster System (15230) Note: Includes pump, motor, starter and controls		
15230-0002 Simplex Domestic Booster System (15230-0001)		
15230-0003 EA 1 HP Simplex Booster Pump With Tank .....(15230-0001)	4,279.28	664.66
15230-0004 EA 1.5 HP Simplex Booster Pump With Tank	4,365.68	685.37
15230-0005 EA 2 HP Simplex Booster Pump With Tank	4,475.95	706.78
15230-0006 EA 3 HP Simplex Booster Pump With Tank	5,027.59	955.04
15230-0007 EA 5 HP Simplex Booster Pump With Tank	5,437.93	1,008.56
15230-0008 EA 7.5 HP Simplex Booster Pump With Tank	6,273.89	1,246.80
15230-0009 EA 10 HP Simplex Booster Pump With Tank	6,570.49	1,282.36
15230-0010 Duplex Domestic Booster System (15230-0001)		
15230-0011 EA 100 GPM Duplex Domestic Booster Pump With Hydrocumulator.....	13,039.44	2,712.85
15230-0012 EA 200 GPM Duplex Domestic Booster Pump With Hydrocumulator.....	17,108.27	3,901.64
15230-0013 EA 300 GPM Duplex Domestic Booster Pump With Hydrocumulator.....	19,458.75	4,212.40
15230-0014 Triplex Domestic Booster System (15230-0001)		
15230-0015 EA 200 GPM Triplex Domestic Booster Pump With Hydrocumulator	18,840.16	4,281.45
15230-0016 EA 300 GPM Triplex Domestic Booster Pump With Hydrocumulator	22,785.93	4,902.96
15230-0017 EA 500 GPM Triplex Domestic Booster Pump With Hydrocumulator	27,329.18	5,524.46
15230-0018 EA 750 GPM Triplex Domestic Booster Pump With Hydrocumulator	33,590.70	6,387.65
15230-0019 EA 1000 GPM Triplex Domestic Booster Pump With Hydrocumulator	40,046.44	7,354.43
15230-0020 EA 1750 GPM Triplex Domestic Booster Pump With Hydrocumulator.....	46,123.61	8,286.68
15230-0021 EA 2500 GPM Triplex Domestic Booster Pump With Hydrocumulator.....	52,267.48	9,218.94
15230-0022 EA 3750 GPM Triplex Domestic Booster Pump With Hydrocumulator.....	58,487.26	10,185.72
15230-0023 EA 5000 GPM Triplex Domestic Booster Pump With Hydrocumulator.....	64,515.80	11,048.91
15253 Water Softener Equipment (15200)		
15253-0001 Water Softener Equipment (15253)		
15253-0002 Water Softeners (15253-0001) Note: Excludes interconnecting piping for multi softener systems.		
15253-0003 EA 60,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener	1,662.95	186.20
Note: 12" diameter x 52" high. Excludes brine tank. Culligan HC-60-1.5 Hi-Flo 3.		
15253-0004 EA 90,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener	1,716.36	193.96
Note: 14" diameter x 65" high. Excludes brine tank. Culligan HC-90-1.5 Hi-Flo 3.		
15253-0005 EA 120,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener.....	1,865.60	201.72
Note: 16" diameter x 65" high. Excludes brine tank. Culligan HC-120-1.5 Hi-Flo 3.		
15253-0006 EA 120,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener.....	1,938.05	201.72
Note: 16" diameter x 65" high. Excludes brine tank. Culligan HC-120-2 Hi-Flo 3.		
15253-0007 EA 150,000 Grain 1-1/2" Pipe Connection Time Clock Operated FRP Water Softener.....	2,075.05	209.47
Note: 21" diameter x 54" high. Excludes brine tank. Culligan HC-150-1.5 Hi-Flo 3.		
15253-0008 EA 150,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener.....	2,368.16	209.47
Note: 21" diameter x 54" high. Excludes brine tank. Culligan HC-150-2 Hi-Flo 3.		
15253-0009 EA 210,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener.....	2,569.78	217.23
Note: 21" diameter x 69" high. Excludes brine tank. Culligan HC-210-2 Hi-Flo 3.		
15253-0010 EA 300,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener.....	2,939.71	224.99
Note: 24" diameter x 72" high. Excludes brine tank. Culligan HC-300-2 Hi-Flo 3.		
15253-0011 EA 450,000 Grain 2" Pipe Connection Time Clock Operated FRP Water Softener.....	4,974.64	232.75
Note: 30" diameter x 72" high. Excludes brine tank. Culligan HC-450-2 Hi-Flo 3.		
15253-0012 EA 120,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener.....	2,425.07	201.72
Note: 16" diameter x 65" high. Excludes brine tank. Culligan HCE-120-2 Hi-Flo 3.		
15253-0013 EA 150,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener.....	2,976.66	209.47
Note: 21" diameter x 54" high. Excludes brine tank. Culligan HCE-150-2 Hi-Flo 3.		
15253-0014 EA 210,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener.....	3,257.41	217.23
Note: 21" diameter x 69" high. Excludes brine tank. Culligan HCE-210-2 Hi-Flo 3.		
15253-0015 EA 300,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener.....	3,697.55	224.99
Note: 24" diameter x 72" high. Excludes brine tank. Culligan HCE-300-2 Hi-Flo 3.		
15253-0016 EA 450,000 Grain 2" Pipe Connection 24V Controller FRP Water Softener.....	5,539.67	232.75
Note: 30" diameter x 72" high. Excludes brine tank. Culligan HCE-450-2 Hi-Flo 3.		
15253-0017 EA 60,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener	2,093.13	186.20
Note: 14" diameter x 47" high. Excludes brine tank. Culligan WS-060 Hi-Flo 22.		
15253-0018 EA 90,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener	2,231.24	193.96
Note: 16" diameter x 53" high. Excludes brine tank. Culligan WS-090 Hi-Flo 22.		
15253-0019 EA 120,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener	2,430.64	201.72
Note: 16" diameter x 65" high. Excludes brine tank. Culligan WS-120 Hi-Flo 22.		
15253-0020 EA 150,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener	3,086.99	209.47
Note: 21" diameter x 54" high. Excludes brine tank. Culligan WS-150 Hi-Flo 22.		
15253-0021 EA 210,000 Grain 1-1/2" Pipe Connection 24V Controller FRP Water Softener	3,284.16	217.23
Note: 21" diameter x 69" high. Excludes brine tank. Culligan WS-210 Hi-Flo 22.		
15253-0022 EA 150,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener.....	4,399.65	299.65
Note: 20" diameter x 54" high. Excludes brine tank. Culligan 150-2 CSM.		
15253-0023 EA 210,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener.....	5,009.12	316.30
Note: 24" diameter x 54" high. Excludes brine tank. Culligan 210-2 CSM.		
15253-0024 EA 300,000 Grain 2" Pipe Connection 24V Controller Steel Water Softener.....	5,954.06	332.95
Note: 30" diameter x 60" high. Excludes brine tank. Culligan 300-2 CSM.		
15253-0025 EA 300,000 Grain 3" Pipe Connection 24V Controller Steel Water Softener.....	7,088.59	332.95
Note: 30" diameter x 60" high. Excludes brine tank. Culligan 300-3 CSM.		

15000 Mechanical
15200 Water Supply And Treatment
15253 Water Softener Equipment



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15253-0026	EA	450,000 Grain 2" Pipe Connection 24V Controllor Steel Water Softener..... Note: 30" diameter x 60" high. Excludes brine tank. Culligan 450-2 CSM.	6,501.26	332.95
15253-0027	EA	450,000 Grain 3" Pipe Connection 24V Controllor Steel Water Softener..... Note: 30" diameter x 60" high. Excludes brine tank. Culligan 450-3 CSM.	7,948.96	332.95
15253-0028	EA	600,000 Grain 2" Pipe Connection 24V Controllor Steel Water Softener..... Note: 36" diameter x 60" high. Excludes brine tank. Culligan 600-2 CSM.	8,268.67	349.59
15253-0029	EA	600,000 Grain 3" Pipe Connection 24V Controllor Steel Water Softener..... Note: 36" diameter x 60" high. Excludes brine tank. Culligan 600-3 CSM.	9,179.19	349.59
15253-0030	EA	750,000 Grain 2" Pipe Connection 24V Controllor Steel Water Softener..... Note: 42" diameter x 60" high. Excludes brine tank. Culligan 750-2 CSM.	9,771.96	366.24
15253-0031	EA	750,000 Grain 3" Pipe Connection 24V Controllor Steel Water Softener..... Note: 42" diameter x 60" high. Excludes brine tank. Culligan 750-3 CSM.	10,679.13	366.24
15253-0032	EA	900,000 Grain 2" Pipe Connection 24V Controllor Steel Water Softener..... Note: 42" diameter x 60" high. Excludes brine tank. Culligan 900-2 CSM.	10,215.52	366.24
15253-0033	EA	900,000 Grain 3" Pipe Connection 24V Controllor Steel Water Softener..... Note: 42" diameter x 60" high. Excludes brine tank. Culligan 900-3 CSM.	11,207.39	366.24
15253-0034	EA	1,200,000 Grain 3" Pipe Connection 24V Controllor Steel Water Softener..... Note: 48" diameter x 60" high. Excludes brine tank. Culligan HS-1203 Hi-Flo 50.	18,830.09	399.54
15253-0035	EA	1,500,000 Grain 3" Pipe Connection 24V Controllor Steel Water Softener..... Note: 54" diameter x 60" high. Excludes brine tank. Culligan HS-1503 Hi-Flo 50.	22,125.29	432.83
15253-0036	EA	1,500,000 Grain 4" Pipe Connection 24V Controllor Steel Water Softener..... Note: 54" diameter x 60" high. Excludes brine tank. Culligan HS-1504 Hi-Flo 50.	24,323.02	432.83
15253-0037	EA	2,000,000 Grain 4" Pipe Connection 24V Controllor Steel Water Softener..... Note: 60" diameter x 60" high. Excludes brine tank. Culligan HS-2004 Hi-Flo 50.	25,399.33	466.13

15253-0038 Water Softener Brine Tanks And Accessories (15253-0001)

15253-0039	EA	18" Diameter x 38" High 375 LB Capacity Plastic Brine Tank.....	523.96	186.20
15253-0040	EA	24" Diameter x 50" High 900 LB Capacity Plastic Brine Tank.....	896.02	201.72
15253-0041	EA	39" Diameter x 48" High 2200 LB Capacity Plastic Brine Tank.....	1,097.84	217.23
15253-0042	EA	1" Brine Reclaim Kit With Multi Port Valve..... Note: Includes controller and valves. Can provide reclaim for 1 softener.	1,433.79	186.20
15253-0043	EA	>1" To 2" Brine Reclaim Kit With Multi Port Valve Note: Includes controller and valves. Can provide reclaim for up to 3 softeners.	2,526.22	201.72
15253-0044	EA	>2" To 4" Brine Reclaim Kit With Multi Port Valve Note: Includes controller and valves. Can provide reclaim for up to 3 softeners.	3,618.66	217.23
15253-0045	EA	1-1/2" Water Softener Duplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang two water softeners.	1,433.79	186.20
15253-0046	EA	2" Water Softener Duplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang two water softeners.	1,948.82	201.72
15253-0047	EA	3" Water Softener Duplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang two water softeners.	2,463.86	217.23
15253-0048	EA	4" Water Softener Duplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang two water softeners.	2,978.89	232.75
15253-0049	EA	1-1/2" Water Softener Triplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang three water softeners.	3,212.09	279.29
15253-0050	EA	2" Water Softener Triplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang three water softeners.	3,486.43	310.33
15253-0051	EA	3" Water Softener Triplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang three water softeners.	3,866.92	341.36
15253-0052	EA	4" Water Softener Triplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang three water softeners.	4,353.54	372.39
15253-0053	EA	1-1/2" Water Softener Quadplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang four water softeners.	4,840.17	403.42
15253-0054	EA	2" Water Softener Quadplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang four water softeners.	5,114.52	434.46
15253-0055	EA	3" Water Softener Quadplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang four water softeners.	5,388.87	465.49
15253-0056	EA	4" Water Softener Quadplex Configuration Kit..... Note: Includes all cabling, valves and fittings required to gang four water softeners.	5,769.35	496.52

15261 Chlorinating Equipment (15200)

15261-0001 Gas Chlorinator (15261)

15261-0002	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	804.94	235.95
		<i>15MOD-0210 For Booster Pump, Add</i>	282.55	
15261-0003	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	919.35	269.66
		<i>15MOD-0210 For Booster Pump, Add</i>	322.93	
15261-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,348.05	204.27
		<i>15MOD-0210 For Booster Pump, Add</i>	409.36	

15262 Chemical Feeders (15200)

15262-0001 Bypass Shot Feeders (15262)

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

15262-0002 In Line Mount, 125 PSIG (15262-0001)

15262-0003	EA	1.7 Gallon Bypass Shot Chemical Feeder In-line Mount, 125 PSIG.....	670.92	175.76
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	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		15262-0004 Floor Mount, 175 PSIG <small>(15262-0001)</small>		
	15262-0005	EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	976.48	264.57
	15262-0006	EA 12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,284.51	350.28
		15262-0007 Floor Mount, 150# ASME Code <small>(15262-0001)</small>		
	15262-0008	EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150# ASME Code	976.48	264.57
	15262-0009	EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150# ASME Code	1,284.51	350.28
		15262-0010 Floor Mount, 300# ASME Code <small>(15262-0001)</small>		
	15262-0011	EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300# ASME Code	1,342.32	264.57
	15262-0012	EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300# ASME Code	1,664.38	350.28
		15263 Water Filters <small>(15200)</small>		
		15263-0001 Filter, High Flow Water With Cartridges, 5 Micron, 210F <small>(15263)</small>		
	15263-0002	EA Filter 24 GPM, Water, 5 Micron	933.92	112.44
	15263-0003	EA Filter 48 GPM, Water, 5 Micron	1,077.86	122.56
	15263-0004	EA Filter 72 GPM, Water, 5 Micron	1,163.63	134.69
		15270 Metering And Related Piping <small>(15200)</small>		
		15270-0001 Metering And Related Piping <small>(15270)</small>		
		15270-0002 Bronze Disk Type Water Supply Meters <small>(15270-0001)</small>		
	15270-0003	EA 5/8" Diameter, 0-20 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	126.12	35.06
		15MOD-0211 For > 10 To 25, Deduct	-6.31	
		15MOD-0212 For > 25, Deduct	-15.37	
	15270-0004	EA 3/4" Diameter, 0-30 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	157.64	41.80
		15MOD-0211 For > 10 To 25, Deduct	-7.88	
		15MOD-0212 For > 25, Deduct	-19.43	
	15270-0005	EA 1" Diameter, 0-50 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	208.67	47.87
		15MOD-0211 For > 10 To 25, Deduct	-10.43	
		15MOD-0212 For > 25, Deduct	-26.49	
	15270-0006	EA 1-1/2" Diameter, 0-100 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	398.10	71.46
		15MOD-0211 For > 10 To 25, Deduct	-19.91	
		15MOD-0212 For > 25, Deduct	-52.54	
	15270-0007	EA 2" Diameter, 0-160 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	538.15	93.04
		15MOD-0211 For > 10 To 25, Deduct	-26.91	
		15MOD-0212 For > 25, Deduct	-71.36	
		15270-0008 Flanged Compound Type Water Service Meter <small>(15270-0001)</small>		
	15270-0009	EA 2" Diameter, 0-160 GPM Water Service Meter Compound Type, Flanged And Bronze	1,447.61	108.56
		15MOD-0211 For > 10 To 25, Deduct	-72.38	
		15MOD-0212 For > 25, Deduct	-199.41	
	15270-0010	EA 3" Diameter, 0-320 GPM Water Service Meter Compound Type, Flanged And Bronze	1,762.11	144.18
		15MOD-0211 For > 10 To 25, Deduct	-88.11	
		15MOD-0212 For > 25, Deduct	-235.45	
	15270-0011	EA 4" Diameter, 0-500 GPM Water Service Meter Compound Type, Flanged And Bronze	2,848.99	199.85
		15MOD-0211 For > 10 To 25, Deduct	-142.45	
		15MOD-0212 For > 25, Deduct	-387.31	
	15270-0012	EA 6" Diameter, 0-1000 GPM Water Service Meter Compound Type, Flanged And Bronze	4,024.34	295.43
		15MOD-0211 For > 10 To 25, Deduct	-201.22	
		15MOD-0212 For > 25, Deduct	-544.54	
	15270-0013	EA 8" Diameter, 0-1600 GPM Water Service Meter Compound Type, Flanged And Bronze	8,065.31	387.91
		15MOD-0211 For > 10 To 25, Deduct	-403.27	
		15MOD-0212 For > 25, Deduct	-1,132.22	
	15270-0014	EA 10" Diameter, 0-2500 GPM Water Service Meter Compound Type, Flanged And Bronze	13,607.29	470.14
		15MOD-0211 For > 10 To 25, Deduct	-680.36	
		15MOD-0212 For > 25, Deduct	-1,947.06	
		15270-0015 Fire Service Meter Cast Iron Housing <small>(15270-0001)</small>		
	15270-0016	EA 3" Diameter, 0-600 GPM Fire Service Meter Flanged, With Cast Iron Housing	2,706.53	288.60
		15MOD-0211 For > 10 To 25, Deduct	-135.33	
		15MOD-0212 For > 25, Deduct	-361.54	
	15270-0017	EA 4" Diameter, 0-1000 GPM Fire Service Meter Flanged, With Cast Iron Housing	5,263.83	400.13
		15MOD-0211 For > 10 To 25, Deduct	-263.19	
		15MOD-0212 For > 25, Deduct	-727.93	
	15270-0018	EA 6" Diameter, 0-2000 GPM Fire Service Meter Flanged, With Cast Iron Housing	7,337.72	684.41
		15MOD-0211 For > 10 To 25, Deduct	-366.89	
		15MOD-0212 For > 25, Deduct	-995.22	
	15270-0019	EA 8" Diameter, 0-4000 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,333.40	898.64
		15MOD-0211 For > 10 To 25, Deduct	-466.67	
		15MOD-0212 For > 25, Deduct	-1,287.04	

15000 Mechanical
15200 Water Supply And Treatment
15270 Metering And Related Piping



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15270-0020 EA 10" Diameter, 0-6200 GPM Fire Service Meter Flanged, With Cast Iron Housing.....	12,939.42	1,058.24
15MOD-0211 For > 10 To 25, Deduct	-646.97	
15MOD-0212 For > 25, Deduct	-1,807.91	
15270-0021 Flanged Turbine Water Service Meter (15270-0001)		
15270-0022 Vertical Turbine Meters (15270-0021)		
15270-0023 EA 1-1/2" Diameter, 0-100 GPM Vertical Turbine Meter, Flanged.....	412.11	85.65
15MOD-0211 For > 10 To 25, Deduct	-20.61	
15MOD-0212 For > 25, Deduct	-47.85	
15270-0024 EA 2" Diameter, 0-160 GPM Vertical Turbine Meter, Flanged.....	565.71	108.56
15MOD-0211 For > 10 To 25, Deduct	-28.29	
15MOD-0212 For > 25, Deduct	-67.12	
15270-0025 EA 3" Diameter, 0-350 GPM Vertical Turbine Meter, Flanged.....	977.14	177.57
15MOD-0211 For > 10 To 25, Deduct	-48.86	
15MOD-0212 For > 25, Deduct	-117.57	
15270-0026 EA 4" Diameter, 0-650 GPM Vertical Turbine Meter, Flanged.....	1,417.42	245.90
15MOD-0211 For > 10 To 25, Deduct	-70.87	
15MOD-0212 For > 25, Deduct	-172.45	
15270-0027 EA 6" Diameter, 0-1300 GPM Vertical Turbine Meter, Flanged.....	2,622.60	361.90
15MOD-0211 For > 10 To 25, Deduct	-131.13	
15MOD-0212 For > 25, Deduct	-334.28	
15270-0028 Horizontal Turbine Meters (15270-0021)		
15270-0029 EA 1-1/2" Diameter, 0-120 GPM Horizontal Turbine Meter, Flanged.....	593.75	85.65
15MOD-0211 For > 10 To 25, Deduct	-29.69	
15MOD-0212 For > 25, Deduct	-75.10	
15270-0030 EA 2" Diameter, 0-160 GPM Horizontal Turbine Meter, Flanged.....	825.02	108.56
15MOD-0211 For > 10 To 25, Deduct	-41.25	
15MOD-0212 For > 25, Deduct	-106.02	
15270-0031 EA 3" Diameter, 0-600 GPM Horizontal Turbine Meter, Flanged.....	1,081.11	177.57
15MOD-0211 For > 10 To 25, Deduct	-54.06	
15MOD-0212 For > 25, Deduct	-133.16	
15270-0032 EA 4" Diameter, 0-1000 GPM Horizontal Turbine Meter, Flanged.....	1,554.85	245.90
15MOD-0211 For > 10 To 25, Deduct	-77.74	
15MOD-0212 For > 25, Deduct	-193.06	
15270-0033 EA 6" Diameter, 0-2000 GPM Horizontal Turbine Meter, Flanged.....	3,123.30	361.90
15MOD-0211 For > 10 To 25, Deduct	-156.17	
15MOD-0212 For > 25, Deduct	-409.39	
15270-0034 EA 8" Diameter, 0-3500 GPM Horizontal Turbine Meter, Flanged.....	4,182.75	474.99
15MOD-0211 For > 10 To 25, Deduct	-209.14	
15MOD-0212 For > 25, Deduct	-549.83	
15270-0035 EA 10" Diameter, 0-5500 GPM Horizontal Turbine Meter, Flanged.....	5,761.02	575.72
15MOD-0211 For > 10 To 25, Deduct	-288.05	
15MOD-0212 For > 25, Deduct	-770.11	
15270-0036 EA 12" Diameter, 0-6600 GPM Horizontal Turbine Meter, Flanged.....	6,790.76	701.34
15MOD-0211 For > 10 To 25, Deduct	-339.54	
15MOD-0212 For > 25, Deduct	-904.41	
15270-0037 Steam/Condensate Meter (15270-0001)		
Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
15270-0038 EA 1" Steam/Condensate Meter.....	3,050.51	37.24
15MOD-0213 For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
15MOD-0214 For Contactor Used For Dial Counter, Add	567.00	
15MOD-0215 For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
15MOD-0216 For Direct Reading Pressure Gauge, Add	79.82	
15MOD-0217 For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
15270-0039 EA 2" Steam/Condensate Meter.....	3,442.11	43.76
15MOD-0213 For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
15MOD-0214 For Contactor Used For Dial Counter, Add	567.00	
15MOD-0215 For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
15MOD-0216 For Direct Reading Pressure Gauge, Add	79.82	
15MOD-0217 For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
15270-0040 EA 2-1/2" Steam/Condensate Meter.....	3,652.51	54.30
15MOD-0213 For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
15MOD-0214 For Contactor Used For Dial Counter, Add	567.00	
15MOD-0215 For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
15MOD-0216 For Direct Reading Pressure Gauge, Add	79.82	
15MOD-0217 For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
15270-0041 EA 3" Steam/Condensate Meter.....	3,875.94	71.37
15MOD-0213 For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
15MOD-0214 For Contactor Used For Dial Counter, Add	567.00	
15MOD-0215 For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
15MOD-0216 For Direct Reading Pressure Gauge, Add	79.82	
15MOD-0217 For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
15270-0042 EA 4" Steam/Condensate Meter.....	4,322.01	84.10
15MOD-0213 For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
15MOD-0214 For Contactor Used For Dial Counter, Add	567.00	
15MOD-0215 For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
15MOD-0216 For Direct Reading Pressure Gauge, Add	79.82	
15MOD-0217 For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15270-0043	EA	6" Steam/Condensate Meter.....	8,239.95	518.25
	15MOD-0213	For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
	15MOD-0214	For Contactor Used For Dial Counter, Add	567.00	
	15MOD-0215	For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
	15MOD-0216	For Direct Reading Pressure Gauge, Add	79.82	
	15MOD-0217	For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	
15270-0044	EA	8" Steam/Condensate Meter.....	8,502.16	549.46
	15MOD-0213	For Steam Meter Pressure-Compensated Counter, Ad	1,220.00	
	15MOD-0214	For Contactor Used For Dial Counter, Add	567.00	
	15MOD-0215	For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	905.00	
	15MOD-0216	For Direct Reading Pressure Gauge, Add	79.82	
	15MOD-0217	For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	64.52	

15300 Special Piping Systems And Waste Water Disposal And Treatment System (15000)

15310 Sewage Pumps (15300)

Note: Includes extra set of gaskets, bearings and seals.

15310-0001	Submersible Sewage Pumps <small>(15310)</small>			
	Note: Includes 25' of cord with pumps unless otherwise noted.			
15310-0002	Submersible Sewage Pumps With Vortex Impeller <small>(15310-0001)</small>			
15310-0003	Submersible Sewage Pumps With Cast Iron Vortex Impeller <small>(15310-0002)</small>			
15310-0004	EA	1/2 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	457.61	45.17
15310-0005	EA	1/2 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	607.48	45.17
15310-0006	EA	1 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	730.37	56.46
15310-0007	Submersible Sewage Pumps With Bronze Vortex Impeller <small>(15310-0002)</small>			
15310-0008	EA	1/2 HP Submersible Sewage Pump, 115V Or 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	697.47	45.17
15310-0009	EA	1 HP Submersible Sewage Pump, 230V 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	852.79	56.46
15310-0010	EA	1-1/2 HP Submersible Sewage Pump, 230V 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,017.55	91.01
15310-0011	EA	2 HP Submersible Sewage Pump, 230V 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,108.88	111.23
15310-0012	Submersible Sewage Pumps With Semi-Open Impeller <small>(15310-0001)</small>			
15310-0013	EA	1 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,536.63	56.46
15310-0014	EA	1.5 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,706.30	100.85
15310-0015	EA	2 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,203.25	123.25
15310-0016	EA	3 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,560.01	149.40
15310-0017	EA	5 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,983.21	175.54
15310-0018	EA	7.5 HP Submersible Sewage Pump, 230V 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	3,108.57	201.69
15310-0019	Submersible Sewage Pumps Accessories <small>(15310-0001)</small>			
15310-0020	EA	Simplex Single Phase Plug-In Controller With NEMA 4X Enclosure For Non-Automatic Submersible Sewage Pump.....	269.44	52.84
	Note: Includes alarm horn, warning light, and single control float switches.			
15310-0021	EA	Simplex Single Phase Controller With NEMA 4X Enclosure For Non-automatic submersible sewage pump.....	651.64	70.45
	Note: Includes alarm horn, warning light, HOA switch, and three control float switches			
15310-0022	EA	Simplex Three Phase Controller With NEMA 4X Enclosure For Non-automatic submersible sewage pump.....	853.99	70.45
	Note: Includes alarm horn, warning light, HOA switch, and three control float switches			
15310-0023	EA	Duplex Alarm System And Controller With NEMA 4X Enclosure For Non-automatic submersible sewage pump.....	949.84	88.06
	Note: Includes alarm horn, warning light, HOA switch, and three control float switches			
15310-0024	EA	High-water Alarm For Submersible Sewage Pump.....	209.54	35.22
15310-0025	EA	Float Switch For Submersible Sewage Pump.....	77.13	17.62
15310-0026	EA	Rail System With 2" Discharge For Submersible Sewage Pump.....	398.43	52.84
15310-0027	Sewage Sump Pump Basin <small>(15310-0001)</small>			
15310-0028	High Density Polyethylene Basin <small>(15310-0027)</small>			
15310-0029	EA	18" Diameter x 24" High HDPE Basin And Lid With Inlet And Hub.....	86.95	
15310-0030	EA	18" Diameter x 30" High HDPE Basin And Lid With Inlet And Hub.....	112.88	
15310-0031	EA	24" Diameter x 30" High HDPE Basin And Lid With Inlet And Hub.....	259.75	
15310-0032	EA	24" Diameter x 36" High HDPE Basin And Lid With Inlet And Hub.....	365.53	

15000 Mechanical**15300 Special Piping Systems And Waste Water Disposal And Treatment System****15310 Sewage Pumps**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15310-0033	EA	30" Diameter x 36" High HDPE Basin And Lid With Inlet And Hub.....	471.32	
15310-0034	EA	36" Diameter x 36" High HDPE Basin And Lid With Inlet And Hub.....	548.58	
15310-0035		Fiberglass Basin (15310-0027)		
15310-0036	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub.....	156.41	
15310-0037	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub.....	308.35	
15310-0038	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub.....	546.66	
15310-0039	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub.....	732.26	
15310-0040	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub.....	842.55	
15310-0041	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub.....	889.95	
15310-0042	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub.....	1,043.66	
15310-0043	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub.....	1,211.11	
15310-0044		Vertical Non-Clog Sewage Pumps (15310)		
15310-0045		1-1/2" Solids 1750 RPM Vertical Sewage Pumps (15310-0044)		
15310-0046	EA	1/2 HP, Up To 75 GPM Sewage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1750 RPM.....	8,102.06	744.54
15310-0047	EA	3/4 HP, Up To 125 GPM Sewage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1750 RPM.....	8,508.53	744.54
15310-0048	EA	1 HP, Up To 150 GPM Sewage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1750 RPM.....	8,915.00	744.54
15310-0049	EA	1-1/2 HP, Up To 150 GPM Sewage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1750 RPM.....	9,302.71	744.54
15310-0050		2" Solids 1750 RPM Vertical Sewage Pumps (15310-0044)		
15310-0051	EA	3/4 HP, Up To 75 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	9,227.67	744.54
15310-0052	EA	1 HP, Up To 100 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	9,384.01	744.54
15310-0053	EA	2 HP, Up To 200 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	9,493.44	744.54
15310-0054	EA	3 HP, Up To 300 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	10,243.85	744.54
15310-0055	EA	5 HP, Up To 400 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	10,978.62	744.54
15310-0056	EA	7-1/2 HP, Up To 500 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	12,104.24	744.54
15310-0057	EA	10 HP, Up To 600 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	13,229.85	744.54
15310-0058	EA	15 HP, Up To 600 GPM Sewage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1750 RPM.....	14,848.02	990.82
15310-0059		3" Solids 1750 RPM Vertical Sewage Pumps (15310-0044)		
15310-0060	EA	2 HP, Up To 300 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	10,011.01	744.54
15310-0061	EA	3 HP, Up To 400 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	10,011.01	744.54
15310-0062	EA	5 HP, Up To 500 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	10,281.87	744.54
15310-0063	EA	7-1/2 HP, Up To 700 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	12,383.51	744.54
15310-0064	EA	10 HP, Up To 800 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	12,752.17	744.54
15310-0065	EA	15 HP, Up To 900 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	14,977.71	990.82
15310-0066	EA	20 HP, Up To 900 GPM Sewage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1750 RPM.....	15,915.72	990.82
15310-0067		Extra Column Assemblies Addition, 5' Or Less (15310-0044)		
15310-0068	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	517.51	
15310-0069	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	621.38	
15310-0070	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	694.53	
15310-0071	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	707.18	
15310-0072	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	793.88	
15310-0073		Float Switches (15310-0044)		
		Note: Copper coated floats, brass rods and stops and switch brackets.		
15310-0074	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps.....	465.13	
15310-0075	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps.....	488.61	
15310-0076	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps.....	499.45	
15310-0077		Square Or Round Steel Sump Covers (15310-0044)		
15310-0078	EA	24" Steel Sump Covers, Square Or Round.....	413.47	24.83
15310-0079	EA	30" Steel Sump Covers, Square Or Round.....	457.78	27.93
15310-0080	EA	36" Steel Sump Covers, Square Or Round.....	634.94	37.24
15310-0081	EA	40" Steel Sump Covers, Square Or Round.....	919.56	43.45
15310-0082	EA	42" Steel Sump Covers, Square Or Round.....	985.52	45.00
15310-0083	EA	48" Steel Sump Covers, Square Or Round.....	1,053.56	46.55
15310-0084	EA	54" Steel Sump Covers, Square Or Round.....	1,341.48	55.86
15310-0085	EA	60" Steel Sump Covers, Square Or Round.....	1,814.73	62.07
15310-0086	EA	72" Steel Sump Covers, Square Or Round.....	2,301.27	77.59
15310-0087	EA	84" Steel Sump Covers, Square Or Round.....	2,922.99	85.34
15315		Sewage Grinder (15300)		
15315-0001		Submersible Grinder Pumps, Cast Iron With Bronze Impeller (15315)		
15315-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230V, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge.....	1,817.01	202.41
		Note: Zoeller 840 series		
15315-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460V, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge.....	1,787.83	202.41
		Note: Zoeller 840 series		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15315-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump	892.90	67.45
15315-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump	1,435.40	67.45
15315-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V Environment One Model 2012-74	6,836.80	
15315-0007 Submersible Grinder Pumps ⁽¹⁵³¹⁵⁾				
Note: Includes 50' of cord with pumps unless otherwise noted.				
15315-0008	EA	2 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	3,188.53	448.20
15315-0009	EA	3 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	4,908.69	522.90
15315-0010	EA	5 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	5,979.96	672.30
15320 Grease Interceptors ⁽¹⁵³⁰⁰⁾				
15320-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor ⁽¹⁵³²⁰⁾				
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.				
15320-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor ⁽¹⁵³²⁰⁻⁰⁰⁰¹⁾				
Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.				
15320-0003	EA	7 GPM, 14# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60102H	623.63	46.55
15MOD-0664 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,251.50	
15320-0004	EA	10 GPM, 20# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60103H	726.58	104.73
15MOD-0653 For Flange And Clamp Device, Add			329.99	
15MOD-0665 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,318.18	
15320-0005	EA	15 GPM, 30# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60104H	1,024.17	116.37
15MOD-0653 For Flange And Clamp Device, Add			337.74	
15MOD-0666 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,438.29	
15320-0006	EA	20 GPM, 40# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60105H	1,234.33	128.01
15MOD-0653 For Flange And Clamp Device, Add			345.50	
15MOD-0667 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,552.97	
15320-0007	EA	25 GPM, 50# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60106H	1,381.17	139.65
15MOD-0654 For Flange And Clamp Device, Add			383.66	
15MOD-0668 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,612.93	
15320-0008	EA	35 GPM, 70# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60107H	1,694.28	162.92
15MOD-0655 For Flange And Clamp Device, Add			410.38	
15MOD-0669 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,768.68	
15320-0009	EA	50 GPM, 100# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60108H	2,204.37	186.20
15MOD-0656 For Flange And Clamp Device, Add			466.85	
15MOD-0670 For Steel Enclosure Cabinet With Non Skid Cover, Add			1,877.40	
15320-0010	EA	75 GPM, 150# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60109H	4,299.39	209.47
15MOD-0657 For Flange And Clamp Device, Add			683.65	
15320-0011	EA	100 GPM, 200# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60110H	4,855.56	249.71
15MOD-0658 For Flange And Clamp Device, Add			774.48	
15320-0012	EA	150 GPM, 300# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60213A	6,006.42	399.54
15MOD-0659 For Flange And Clamp Device, Add			1,034.36	
15320-0013	EA	200 GPM, 400# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60214A	8,606.59	499.42
15MOD-0660 For Flange And Clamp Device, Add			1,230.23	
15320-0014	EA	250 GPM, 500# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60215A	10,042.62	599.31
15MOD-0661 For Flange And Clamp Device, Add			1,609.78	
15320-0015	EA	350 GPM, 700# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60216A	13,035.43	699.19
15MOD-0662 For Flange And Clamp Device, Add			1,914.13	
15320-0016	EA	500 GPM, 1000# Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60217A	16,846.66	799.08
15MOD-0663 For Flange And Clamp Device, Add			2,254.00	
15320-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor ⁽¹⁵³²⁰⁻⁰⁰⁰¹⁾				
Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.				
15320-0018	EA	20 GPM, 40# Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60115A	1,764.98	128.01
15320-0019	EA	35 GPM, 70# Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60117A	2,270.16	162.92
15320-0020	EA	50 GPM, 100# Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Smith 8150	3,726.65	186.20
15320-0021 Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor ⁽¹⁵³²⁰⁾				
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.				

15000 Mechanical**15300 Special Piping Systems And Waste Water Disposal And Treatment System****15320 Grease Interceptors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15320-0022		Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor ⁽¹⁵³²⁰⁻⁰⁰²¹⁾ Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
15320-0023	EA	7 GPM, 14# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA	1,546.91	46.55
15320-0024	EA	15MOD-0664 For Steel Enclosure Cabinet With Non Skid Cover, Add 10 GPM, 20# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA	1,251.50 1,818.04	104.73
15320-0025	EA	15MOD-0665 For Steel Enclosure Cabinet With Non Skid Cover, Add 15 GPM, 30# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA	1,318.18 1,943.43	116.37
15320-0026	EA	15MOD-0666 For Steel Enclosure Cabinet With Non Skid Cover, Add 20 GPM, 40# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA	1,438.29 2,368.67	128.01
15320-0027	EA	15MOD-0667 For Steel Enclosure Cabinet With Non Skid Cover, Add 25 GPM, 50# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA	1,552.97 2,852.19	139.65
15320-0028	EA	15MOD-0668 For Steel Enclosure Cabinet With Non Skid Cover, Add 35 GPM, 70# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA	1,612.93 2,953.24	162.92
15320-0029	EA	15MOD-0669 For Steel Enclosure Cabinet With Non Skid Cover, Add 50 GPM, 100# Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA	1,768.68 3,371.20	186.20
		15MOD-0670 For Steel Enclosure Cabinet With Non Skid Cover, Add	1,877.40	
15320-0030		Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor ⁽¹⁵³²⁰⁻⁰⁰²¹⁾ Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
15320-0031	EA	35 GPM, 70# Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA	3,955.58	162.92
15320-0032		Automatic Cleaning Stainless Steel Grease Interceptor ⁽¹⁵³²⁰⁾ Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer.		
15320-0033	EA	20 GPM, 69# Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Lowe Engineering 20 Greasestopper.	3,391.19	128.01
15320-0034	EA	25 GPM, 91# Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Lowe Engineering 25 Greasestopper.	3,938.34	139.65
15320-0035		Precast Concrete Grease Interceptor ⁽¹⁵³²⁰⁾ Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
15320-0036	EA	1000 Gallon Pre-Cast Grease Interceptor.....	3,235.59	235.76
15320-0037	EA	1250 Gallon Pre-Cast Grease Interceptor.....	3,702.25	235.76
15320-0038	EA	1500 Gallon Pre-Cast Grease Interceptor.....	4,201.96	269.53
15320-0039	EA	2000 Gallon Pre-Cast Grease Interceptor.....	4,781.09	380.63
15320-0040	EA	2500 Gallon Pre-Cast Grease Interceptor.....	5,382.46	512.12
15320-0041	EA	4000 Gallon Pre-Cast Grease Interceptor.....	8,073.93	673.78
15320-0042	EA	5000 Gallon Pre-Cast Grease Interceptor.....	10,363.52	1,104.89
15322		Oil Interceptors ⁽¹⁵³⁰⁰⁾		
15322-0001		Coated Steel Manual Oil Interceptor ⁽¹⁵³²²⁾ Note: Includes internal air relief, and flow control fitting.		
15322-0002	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	1,697.50	177.30
15322-0003	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	2,264.22	210.67
15322-0004	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	2,744.52	259.21
15322-0005	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	2,980.77	280.78
15322-0006	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	3,552.26	306.40
15322-0007	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	4,629.77	337.07
15322-0008	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	7,626.65	387.91
15322-0009	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	8,380.40	477.29
15322-0010	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	10,234.88	517.31
15322-0011	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	14,240.12	620.65
15322-0012	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	16,389.03	667.21
15322-0013	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	20,606.86	795.68
15322-0014	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	24,636.10	652.00
15322-0015	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	29,187.05	775.81
15325		Solids Interceptors ⁽¹⁵³⁰⁰⁾		
15325-0001		Plaster Interceptors ⁽¹⁵³²⁵⁾		
15325-0002	EA	15 GPM, Low Volume, Solids Interceptor	335.29	87.89
15325-0003	EA	30 GPM, High Volume, Solids Interceptor	869.82	205.07
15341		Chemical Waste Drainage System ⁽¹⁵³⁰⁰⁾		
15341-0001		Acid Neutralization Tank ⁽¹⁵³⁴¹⁾		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15341-0002 Polyethylene Acid Neutralization Tank <small>(15341-0001)</small>		
15341-0003 EA 5 Gallon Capacity Polyethylene Acid Neutralization Tank	300.39	126.40
15341-0004 EA 15 Gallon Capacity Polyethylene Acid Neutralization Tank	538.09	175.28
15341-0005 EA 30 Gallon Capacity Polyethylene Acid Neutralization Tank	673.28	252.81
15341-0006 EA 55 Gallon Capacity Polyethylene Acid Neutralization Tank	865.82	337.07
15341-0007 EA 100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,108.45	404.49
15341-0008 EA 150 Gallon Capacity Polyethylene Acid Neutralization Tank	1,510.26	505.61
15341-0009 EA 200 Gallon Capacity Polyethylene Acid Neutralization Tank	1,749.13	632.01
15341-0010 EA 275 Gallon Capacity Polyethylene Acid Neutralization Tank	2,263.76	758.42
15341-0011 EA 350 Gallon Capacity Polyethylene Acid Neutralization Tank	2,575.87	910.10
15341-0012 Polypropylene Acid Neutralization Tank <small>(15341-0001)</small>		
15341-0013 EA 5 Gallon Capacity Polypropylene Acid Neutralization Tank	484.97	126.40
15341-0014 EA 15 Gallon Capacity Polypropylene Acid Neutralization Tank	830.35	175.28
15341-0015 EA 30 Gallon Capacity Polypropylene Acid Neutralization Tank	1,282.31	252.81
15341-0016 EA 55 Gallon Capacity Polypropylene Acid Neutralization Tank	1,690.55	337.07
15341-0017 EA 100 Gallon Capacity Polypropylene Acid Neutralization Tank	2,135.39	404.49
15341-0018 EA 150 Gallon Capacity Polypropylene Acid Neutralization Tank	2,505.69	505.61
15341-0019 EA 200 Gallon Capacity Polypropylene Acid Neutralization Tank	2,740.17	632.01
15341-0020 EA 275 Gallon Capacity Polypropylene Acid Neutralization Tank	3,994.24	758.42
15341-0021 EA 350 Gallon Capacity Polypropylene Acid Neutralization Tank	4,329.42	910.10
15341-0022 Chemical Dilution Trap <small>(15341)</small>		
15341-0023 EA 1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	255.40	42.13
Note: 1-1/2" top inlet and side outlet with anti siphon.		
15341-0024 EA 1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	263.19	42.13
Note: 1-1/2" top inlet and side outlet with anti siphon.		
15341-0025 EA 2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	270.98	42.13
Note: 1-1/2" top inlet and side outlet with anti siphon.		
15341-0026 EA 5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	298.14	50.56
Note: 1-1/2" top inlet and side outlet with anti siphon.		
15400 Plumbing <small>(15000)</small>		
15421 Floor And Shower Drains <small>(15400)</small>		
Note: Cast iron body		
15421-0001 Round Top Floor Drains <small>(15421)</small>		
15421-0002 EA 6" Round Top Floor Drain With 1-1/2" Outlet, Bronze Top	280.45	66.72
15MOD-0230 For Vandal Proof Screws, Add 11.00		
15MOD-0638 For Sediment Bucket, Add 22.50		
15MOD-0641 For Galvanized Cast Iron Parts, Add 40.00		
15421-0003 EA 6" Round Top Floor Drain With 2" Outlet, Bronze Top	296.58	74.79
15MOD-0230 For Vandal Proof Screws, Add 11.00		
15MOD-0638 For Sediment Bucket, Add 22.50		
15MOD-0641 For Galvanized Cast Iron Parts, Add 40.00		
15421-0004 EA 6" Round Top Floor Drain With 3" Outlet, Bronze Top	312.54	82.73
15MOD-0230 For Vandal Proof Screws, Add 11.00		
15MOD-0638 For Sediment Bucket, Add 22.50		
15MOD-0641 For Galvanized Cast Iron Parts, Add 40.00		
15421-0005 EA 6" Round Top Floor Drain With 4" Outlet, Bronze Top	329.58	91.29
15MOD-0230 For Vandal Proof Screws, Add 11.00		
15MOD-0638 For Sediment Bucket, Add 22.50		
15MOD-0641 For Galvanized Cast Iron Parts, Add 40.00		
15421-0006 EA 9" Round Top Floor Drain With 2" Outlet, Cast Iron Top	289.80	74.79
15MOD-0218 For Vandal Proof Screws, Add 30.50		
15MOD-0219 For Ductile Iron Grate, Add 48.00		
15MOD-0220 For Cast Iron Dome Grate, Add 17.00		
15MOD-0221 For Nikaloy Dome Grate, Add 178.50		
15MOD-0222 For Bronze Dome Grate, Add 143.00		
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add 57.50		
15MOD-0224 For Galvanized Extension Collar, Each 3", Add 117.50		
15MOD-0644 For Galvanized Cast Iron Parts, Add 87.50		
15421-0007 EA 9" Round Top Floor Drain With 3" Outlet, Cast Iron Top	305.76	82.73
15MOD-0218 For Vandal Proof Screws, Add 30.50		
15MOD-0219 For Ductile Iron Grate, Add 48.00		
15MOD-0220 For Cast Iron Dome Grate, Add 17.00		
15MOD-0221 For Nikaloy Dome Grate, Add 178.50		
15MOD-0222 For Bronze Dome Grate, Add 143.00		
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add 57.50		
15MOD-0224 For Galvanized Extension Collar, Each 3", Add 117.50		
15MOD-0644 For Galvanized Cast Iron Parts, Add 87.50		

15000 Mechanical
15400 Plumbing
15421 Floor And Shower Drains



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0008 EA 9" Round Top Floor Drain With 4" Outlet, Cast Iron Top.....	322.80	91.29
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0009 EA 9" Round Top Floor Drain With 2" Outlet, Nikaloy Top.....	429.38	74.79
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0010 EA 9" Round Top Floor Drain With 3" Outlet, Nikaloy Top.....	445.34	82.73
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0011 EA 9" Round Top Floor Drain With 4" Outlet, Nikaloy Top.....	462.38	91.29
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0012 EA 9" Round Top Floor Drain With 2" Outlet, Bronze Top.....	409.05	74.79
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0013 EA 9" Round Top Floor Drain With 3" Outlet, Bronze Top.....	424.92	82.73
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0014 EA 9" Round Top Floor Drain With 4" Outlet, Bronze Top.....	442.05	91.29
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0219 For Ductile Iron Grate, Add	48.00	
15MOD-0220 For Cast Iron Dome Grate, Add	17.00	
15MOD-0221 For Nikaloy Dome Grate, Add	178.50	
15MOD-0222 For Bronze Dome Grate, Add	143.00	
15MOD-0223 For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
15MOD-0224 For Galvanized Extension Collar, Each 3", Add	117.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0015 EA 12-5/8" Round Top Floor Drain With 2" Outlet, Cast Iron Top.....	441.50	74.73
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0225 For Ductile Iron Grate, Add	53.00	
15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
15MOD-0646 For Primer Tap, Add	33.50	
15MOD-0647 For Chained Grate, Add	48.50	
15421-0016 EA 12-5/8" Round Top Floor Drain With 3" Outlet, Cast Iron Top.....	457.44	82.73
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0225 For Ductile Iron Grate, Add	53.00	
15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
15MOD-0646 For Primer Tap, Add	33.50	
15MOD-0647 For Chained Grate, Add	48.50	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0017	EA 12-5/8" Round Top Floor Drain With 4" Outlet, Cast Iron Top	474.57	91.29
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0018	EA 12-5/8" Round Top Floor Drain With 2" Outlet, Nikaloy Top	650.19	74.73
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0019	EA 12-5/8" Round Top Floor Drain With 3" Outlet, Nikaloy Top	666.13	82.73
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0020	EA 12-5/8" Round Top Floor Drain With 4" Outlet, Nikaloy Top	683.26	91.29
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0021	EA 12-5/8" Round Top Floor Drain With 2" Outlet, Bronze Top	622.41	74.73
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0022	EA 12-5/8" Round Top Floor Drain With 3" Outlet, Bronze Top	638.35	82.73
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0023	EA 12-5/8" Round Top Floor Drain With 4" Outlet, Bronze Top	655.48	91.29
	15MOD-0218 For Vandal Proof Screws, Add	30.50	
	15MOD-0225 For Ductile Iron Grate, Add	53.00	
	15MOD-0226 For Cast Iron Dome Grate, Add	28.00	
	15MOD-0227 For Nikaloy Dome Grate, Add	255.00	
	15MOD-0228 For Cast Iron Extension Collar, Each 2", Add	51.00	
	15MOD-0229 For Galvanized Extension Collar, Each 2", Add	102.50	
	15MOD-0646 For Primer Tap, Add	33.50	
	15MOD-0647 For Chained Grate, Add	48.50	
15421-0024	Square Or Rectangular Top Drains ⁽¹⁵⁴²¹⁾		
15421-0025	EA 5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	328.35	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0638 For Sediment Bucket, Add	22.50	
	15MOD-0641 For Galvanized Cast Iron Parts, Add	40.00	
15421-0026	EA 5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	344.46	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0638 For Sediment Bucket, Add	22.50	
	15MOD-0641 For Galvanized Cast Iron Parts, Add	40.00	
15421-0027	EA 5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	361.42	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0638 For Sediment Bucket, Add	22.50	
	15MOD-0641 For Galvanized Cast Iron Parts, Add	40.00	
15421-0028	EA 6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	348.68	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0638 For Sediment Bucket, Add	22.50	
	15MOD-0641 For Galvanized Cast Iron Parts, Add	40.00	
15421-0029	EA 6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	364.79	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0638 For Sediment Bucket, Add	22.50	
	15MOD-0641 For Galvanized Cast Iron Parts, Add	40.00	

15000 Mechanical**15400 Plumbing****15421 Floor And Shower Drains**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0030	EA	6" x 6"	Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	381.75	91.29
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0031	EA	8" x 8"	Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	438.12	74.73
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0032	EA	8" x 8"	Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	454.23	82.79
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0033	EA	8" x 8"	Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	471.19	91.29
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0034	EA	5" x 5"	Floor Drain With 2" Bottom Outlet, Bronze Top.....	313.45	74.73
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0035	EA	5" x 5"	Floor Drain With 3" Bottom Outlet, Bronze Top.....	329.56	82.79
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0036	EA	5" x 5"	Floor Drain With 4" Bottom Outlet, Bronze Top.....	346.52	91.29
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0037	EA	6" x 6"	Floor Drain With 2" Bottom Outlet, Bronze Top.....	339.19	74.73
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0038	EA	6" x 6"	Floor Drain With 3" Bottom Outlet, Bronze Top.....	355.30	82.79
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0039	EA	6" x 6"	Floor Drain With 4" Bottom Outlet, Bronze Top.....	372.26	91.29
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0040	EA	8" x 8"	Floor Drain With 2" Bottom Outlet, Bronze Top.....	411.69	74.73
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0041	EA	8" x 8"	Floor Drain With 3" Bottom Outlet, Bronze Top.....	427.80	82.79
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0042	EA	8" x 8"	Floor Drain With 4" Bottom Outlet, Bronze Top.....	444.76	91.29
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0638		For Sediment Bucket, Add	22.50	
	15MOD-0641		For Galvanized Cast Iron Parts, Add	40.00	
15421-0043	EA	12" x 12"	Can Wash Drain With 3" Bottom Outlet, Cast Iron Top.....	950.87	82.79
	15MOD-0639		For Galvanized Cast Iron Parts, Add	212.00	
	15MOD-0640		For No-Hub Side Outlet, Add	76.00	
	15MOD-0647		For Chained Grate, Add	48.50	
15421-0044	EA	12" x 12"	Can Wash Drain With 4" Bottom Outlet, Cast Iron Top.....	967.83	91.29
	15MOD-0639		For Galvanized Cast Iron Parts, Add	212.00	
	15MOD-0640		For No-Hub Side Outlet, Add	76.00	
	15MOD-0647		For Chained Grate, Add	48.50	
15421-0045	EA	12" x 12"	Can Wash Drain With 3" Bottom Outlet, Nikaloy Top.....	1,171.75	82.79
	15MOD-0639		For Galvanized Cast Iron Parts, Add	212.00	
	15MOD-0640		For No-Hub Side Outlet, Add	76.00	
	15MOD-0647		For Chained Grate, Add	48.50	
15421-0046	EA	12" x 12"	Can Wash Drain With 4" Bottom Outlet, Nikaloy Top.....	1,188.71	91.29
	15MOD-0639		For Galvanized Cast Iron Parts, Add	212.00	
	15MOD-0640		For No-Hub Side Outlet, Add	76.00	
	15MOD-0647		For Chained Grate, Add	48.50	
15421-0047	EA	12" x 12"	Can Wash Drain With 3" Bottom Outlet, Bronze Top.....	1,145.33	82.79
	15MOD-0639		For Galvanized Cast Iron Parts, Add	212.00	
	15MOD-0640		For No-Hub Side Outlet, Add	76.00	
	15MOD-0647		For Chained Grate, Add	48.50	
15421-0048	EA	12" x 12"	Can Wash Drain With 4" Bottom Outlet, Bronze Top.....	1,162.29	91.29
	15MOD-0639		For Galvanized Cast Iron Parts, Add	212.00	
	15MOD-0640		For No-Hub Side Outlet, Add	76.00	
	15MOD-0647		For Chained Grate, Add	48.50	
15421-0049	EA	5" x 9"	Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	443.54	74.73
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0231		For Rough Bronze Body, Add	120.94	
	15MOD-0638		For Sediment Bucket, Add	22.50	
15421-0050	EA	5" x 9"	Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	459.65	82.79
	15MOD-0230		For Vandal Proof Screws, Add	11.00	
	15MOD-0231		For Rough Bronze Body, Add	120.94	
	15MOD-0638		For Sediment Bucket, Add	22.50	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0051	EA 5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	476.61	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0052	EA 5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	548.56	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0053	EA 5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	564.67	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0054	EA 5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	581.63	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0055	EA 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	572.95	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0056	EA 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	589.06	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0057	EA 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	606.02	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0058	EA 5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	761.99	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0059	EA 5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	778.10	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0060	EA 5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	795.06	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0061	EA 5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	421.86	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0062	EA 5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	437.97	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0063	EA 5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	454.93	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0064	EA 5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	511.29	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0065	EA 5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	527.40	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0066	EA 5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	544.36	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0067	EA 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top.....	535.68	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0068	EA 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top.....	551.79	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0069	EA 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top.....	568.75	91.29
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0070	EA 5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	689.49	74.73
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	
15421-0071	EA 5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top.....	705.60	82.79
	15MOD-0230 For Vandal Proof Screws, Add	11.00	
	15MOD-0231 For Rough Bronze Body, Add	120.94	
	15MOD-0638 For Sediment Bucket, Add	22.50	

15000 Mechanical
15400 Plumbing
15421 Floor And Shower Drains



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	722.56	91.29
	15MOD-0230	For Vandal Proof Screws, Add	11.00	
	15MOD-0231	For Rough Bronze Body, Add	120.94	
	15MOD-0638	For Sediment Bucket, Add	22.50	
15421-0073		Funnel Type Floor Drains ⁽¹⁵⁴²¹⁾		
15421-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	414.65	66.72
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	430.66	74.73
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	446.60	82.73
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	463.73	91.29
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top.....	583.11	74.73
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0637	For Primer Tap, Add	15.10	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top.....	599.05	82.73
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0637	For Primer Tap, Add	15.10	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top.....	616.18	91.29
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0637	For Primer Tap, Add	15.10	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	556.69	74.73
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0637	For Primer Tap, Add	15.10	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	572.63	82.73
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0637	For Primer Tap, Add	15.10	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	589.76	91.29
	15MOD-0232	For Vandal Proof Screws, Add	11.00	
	15MOD-0637	For Primer Tap, Add	15.10	
	15MOD-0641	For Galvanized Cast Iron Parts, Add	40.00	
	15MOD-0642	For Satin Finish Bronze Top, Deduct	-19.50	
15421-0084		Floor Drain With Sediment Bucket Bottom Outlet ⁽¹⁵⁴²¹⁾		
15421-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	802.16	66.72
	15MOD-0218	For Vandal Proof Screws, Add	30.50	
	15MOD-0237	For Galvanized Cast Iron Parts, Add	247.00	
	15MOD-0646	For Primer Tap, Add	33.50	
15421-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	818.22	74.73
	15MOD-0218	For Vandal Proof Screws, Add	30.50	
	15MOD-0237	For Galvanized Cast Iron Parts, Add	247.00	
	15MOD-0646	For Primer Tap, Add	33.50	
15421-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	834.16	82.73
	15MOD-0218	For Vandal Proof Screws, Add	30.50	
	15MOD-0237	For Galvanized Cast Iron Parts, Add	247.00	
	15MOD-0646	For Primer Tap, Add	33.50	
15421-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	851.29	91.29
	15MOD-0218	For Vandal Proof Screws, Add	30.50	
	15MOD-0237	For Galvanized Cast Iron Parts, Add	247.00	
	15MOD-0646	For Primer Tap, Add	33.50	
15421-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	868.95	100.11
	15MOD-0218	For Vandal Proof Screws, Add	30.50	
	15MOD-0237	For Galvanized Cast Iron Parts, Add	247.00	
	15MOD-0646	For Primer Tap, Add	33.50	
15421-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate.....	869.72	74.73
	15MOD-0233	For Vandal Proof Screws, Add	29.50	
	15MOD-0234	For Primer Tap, Add	31.00	
	15MOD-0235	For Aluminum Bucket, Add	77.50	
	15MOD-0236	For Galvanized Cast Iron Parts, Add	182.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0091 EA 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	885.83	82.79
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0092 EA 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	902.79	91.29
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0093 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	920.45	100.11
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0094 EA 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	564.14	74.73
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0095 EA 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	580.25	82.79
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0096 EA 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	597.21	91.29
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0097 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	614.87	100.11
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0098 EA 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	816.87	74.73
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0099 EA 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	832.98	82.79
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0100 EA 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	849.94	91.29
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0101 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	867.60	100.11
15MOD-0233 For Vandal Proof Screws, Add	29.50	
15MOD-0234 For Primer Tap, Add	31.00	
15MOD-0235 For Aluminum Bucket, Add	77.50	
15MOD-0236 For Galvanized Cast Iron Parts, Add	182.50	
15421-0102 Other Drains <small>(15421)</small>		
15421-0103 Acid Resistant Floor Drains <small>(15421-0102)</small>		
15421-0104 EA 9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	417.31	66.72
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15MOD-0646 For Primer Tap, Add	33.50	
15421-0105 EA 9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	433.37	74.73
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15MOD-0646 For Primer Tap, Add	33.50	
15421-0106 EA 9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	449.31	82.73
15MOD-0218 For Vandal Proof Screws, Add	30.50	
15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15MOD-0646 For Primer Tap, Add	33.50	
15421-0107 Rotary And Lever Drains <small>(15421-0102)</small>		

15000 Mechanical**15400 Plumbing****15421 Floor And Shower Drains**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0108	EA	1-1/2" Drain, 3" Sink Opening Lever Drain.....	161.74	45.00
15421-0109	EA	2" Drain, 3" Sink Opening Lever Drain.....	171.04	49.65
15421-0110	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain.....	161.74	45.00
15421-0111	EA	2" Drain, 3-1/2" Sink Opening Lever Drain.....	171.04	49.65
15421-0112	EA	1-1/2" Drain, 3" Sink Opening Twist Drain.....	161.74	45.00
15421-0113	EA	2" Drain, 3" Sink Opening Twist Drain.....	171.04	49.65
15421-0114	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain.....	161.74	45.00
15421-0115	EA	2" Drain, 3-1/2" Sink Opening Twist Drain.....	171.04	49.65
15421-0116	EA	1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100).....	226.40	49.65
15421-0117		Floor Receptor (15421)		
15421-0118		9" Diameter Round Shallow Receptor (15421-0117)		
		Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
15421-0119	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection.....	504.62	74.79
		15MOD-0238 For Flange With Seepage Holes, Add	58.50	
		15MOD-0239 For Flange With Seepage Holes And Clamp Collar, Add	97.00	
		15MOD-0240 For Trap Primer Connection, Add	38.00	
		15MOD-0241 For Full Grate With 2" (50 mm) Square Center Opening, Add	36.00	
		15MOD-0242 For Vandal Proof Secured Grate, Add	33.50	
		15MOD-0243 For White Acid Resistant Bucket, Add	47.00	
		15MOD-0244 For Stainless Steel Liner For Bucket, Add	62.50	
15421-0120	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection.....	520.81	82.86
		15MOD-0238 For Flange With Seepage Holes, Add	58.50	
		15MOD-0239 For Flange With Seepage Holes And Clamp Collar, Add	97.00	
		15MOD-0240 For Trap Primer Connection, Add	38.00	
		15MOD-0241 For Full Grate With 2" (50 mm) Square Center Opening, Add	36.00	
		15MOD-0242 For Vandal Proof Secured Grate, Add	33.50	
		15MOD-0243 For White Acid Resistant Bucket, Add	47.00	
		15MOD-0244 For Stainless Steel Liner For Bucket, Add	62.50	
15421-0121	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection.....	537.59	91.29
		15MOD-0238 For Flange With Seepage Holes, Add	58.50	
		15MOD-0239 For Flange With Seepage Holes And Clamp Collar, Add	97.00	
		15MOD-0240 For Trap Primer Connection, Add	38.00	
		15MOD-0241 For Full Grate With 2" (50 mm) Square Center Opening, Add	36.00	
		15MOD-0242 For Vandal Proof Secured Grate, Add	33.50	
		15MOD-0243 For White Acid Resistant Bucket, Add	47.00	
		15MOD-0244 For Stainless Steel Liner For Bucket, Add	62.50	
15421-0122		Square Top Floor Receptors (15421-0117)		
		Note: With acid resistant coating		
15421-0123	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top.....	572.52	66.72
		15MOD-0245 For Flange With Seepage Holes, Add	37.50	
		15MOD-0246 For Flange With Seepage Holes And Clamp Collar, Add	69.00	
		15MOD-0247 For Trap Primer Connection, Add	39.50	
		15MOD-0248 For Full Grate With 2" Square Center Opening, Add	36.00	
		15MOD-0249 For Vandal Proof Secured Grate, Add	15.50	
		15MOD-0250 For White Acid Resistant Bucket, Add	88.00	
		15MOD-0251 For Stainless Steel Liner For Bucket, Add	97.00	
15421-0124	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top.....	588.60	74.79
		15MOD-0245 For Flange With Seepage Holes, Add	37.50	
		15MOD-0246 For Flange With Seepage Holes And Clamp Collar, Add	69.00	
		15MOD-0247 For Trap Primer Connection, Add	39.50	
		15MOD-0248 For Full Grate With 2" Square Center Opening, Add	36.00	
		15MOD-0249 For Vandal Proof Secured Grate, Add	15.50	
		15MOD-0250 For White Acid Resistant Bucket, Add	88.00	
		15MOD-0251 For Stainless Steel Liner For Bucket, Add	97.00	
15421-0125	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top.....	604.47	82.73
		15MOD-0245 For Flange With Seepage Holes, Add	37.50	
		15MOD-0246 For Flange With Seepage Holes And Clamp Collar, Add	69.00	
		15MOD-0247 For Trap Primer Connection, Add	39.50	
		15MOD-0248 For Full Grate With 2" Square Center Opening, Add	36.00	
		15MOD-0249 For Vandal Proof Secured Grate, Add	15.50	
		15MOD-0250 For White Acid Resistant Bucket, Add	88.00	
		15MOD-0251 For Stainless Steel Liner For Bucket, Add	97.00	
15421-0126	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top.....	621.60	91.29
		15MOD-0245 For Flange With Seepage Holes, Add	37.50	
		15MOD-0246 For Flange With Seepage Holes And Clamp Collar, Add	69.00	
		15MOD-0247 For Trap Primer Connection, Add	39.50	
		15MOD-0248 For Full Grate With 2" Square Center Opening, Add	36.00	
		15MOD-0249 For Vandal Proof Secured Grate, Add	15.50	
		15MOD-0250 For White Acid Resistant Bucket, Add	88.00	
		15MOD-0251 For Stainless Steel Liner For Bucket, Add	97.00	
15421-0127		Area Drain (15421)		
15421-0128	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	869.72	74.73
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	



Mechanical 15000	15
Plumbing 15400	
Floor And Shower Drains 15421	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0129	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	885.83	82.79
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0130	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	902.79	91.29
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0131	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	920.45	100.11
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0132	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	564.14	74.73
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0133	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	580.25	82.79
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0134	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	597.21	91.29
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0135	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	614.87	100.11
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0136	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	816.87	74.73
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0137	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	832.98	82.79
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0138	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	849.94	91.29
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0139	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	867.60	100.11
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0253 For Vandal Proof Screws, Add	29.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0255 For Galvanized Cast Iron Parts, Add	101.50	
15421-0140	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,677.36	74.73
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0141	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,693.47	82.79
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0142	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,710.43	91.29
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0143	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,728.09	100.11
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	

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15421-0144	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	857.52	74.73
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0145	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	873.63	82.79
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0146	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	890.59	91.29
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0147	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	908.25	100.11
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0148	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,594.02	74.73
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0149	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,610.13	82.79
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0150	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,627.09	91.29
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0151	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,644.75	100.11
		15MOD-0252 For Ductile Iron Grate, Add	123.50	
		15MOD-0254 For Primer Tap, Add	36.00	
		15MOD-0256 For Galvanized Cast Iron Parts, Add	258.50	
15421-0152	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	429.31	74.73
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0153	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	445.42	82.79
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0154	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	462.38	91.29
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0155	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	289.73	74.73
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0156	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	305.84	82.79
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0157	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	322.80	91.29
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0158	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	408.98	74.73
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0159	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	425.09	82.79
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0160	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	442.05	91.29
		15MOD-0257 For Vandal Proof Grate, Add	30.50	
		15MOD-0644 For Galvanized Cast Iron Parts, Add	87.50	
15421-0161	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	1,142.77	74.73
		15MOD-0258 For Vandal Proof Screws, Add	30.50	
		15MOD-0259 For Ductile Iron Grate, Add	126.00	
		15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0162	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	1,158.88	82.79
		15MOD-0258 For Vandal Proof Screws, Add	30.50	
		15MOD-0259 For Ductile Iron Grate, Add	126.00	
		15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0163 EA 12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	1,175.84	91.29
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0164 EA 12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	769.44	74.73
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0165 EA 12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	785.55	82.79
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0166 EA 12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	802.51	91.29
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0167 EA 12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	1,077.72	74.73
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0168 EA 12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	1,093.83	82.79
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0169 EA 12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	1,110.79	91.29
15MOD-0258 For Vandal Proof Screws, Add	30.50	
15MOD-0259 For Ductile Iron Grate, Add	126.00	
15MOD-0260 For Galvanized Cast Iron Parts, Add	205.00	
15421-0170 Trench Drain ⁽¹⁵⁴²¹⁾ Note: Each section is 39.4" in length		
15421-0171 EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	746.40	74.73
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0172 EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	762.51	82.79
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0173 EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	779.47	91.29
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0174 EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	438.12	74.73
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0175 EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	454.23	82.79
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0176 EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	471.19	91.29
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0177 EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	704.39	74.73
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0178 EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	720.50	82.79
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0179 EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	737.46	91.29
15MOD-0261 For Vandal Proof Screws, Add	48.50	
15MOD-0262 For Ductile Iron Grate, Add	66.00	
15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0180	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	671.35	37.24
		15MOD-0261 For Vandal Proof Screws, Add	48.50	
		15MOD-0262 For Ductile Iron Grate, Add	66.00	
		15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0181	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	363.07	37.24
		15MOD-0261 For Vandal Proof Screws, Add	48.50	
		15MOD-0262 For Ductile Iron Grate, Add	66.00	
		15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0182	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	629.34	37.24
		15MOD-0261 For Vandal Proof Screws, Add	48.50	
		15MOD-0262 For Ductile Iron Grate, Add	66.00	
		15MOD-0263 For Galvanized Cast Iron Parts, Add	65.50	
15421-0183	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,207.81	74.73
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0184	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,223.92	82.79
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0185	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,240.88	91.29
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0186	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	826.35	74.73
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0187	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	842.46	82.79
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0188	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	859.42	91.29
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0189	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,155.64	74.73
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0190	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,171.75	82.79
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0191	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,188.71	91.29
		15MOD-0264 For Vandal Proof Screws, Add	48.50	
		15MOD-0265 For Ductile Iron Grate, Add	181.50	
		15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
		15MOD-0267 For Sediment Bucket, Add	116.00	
		15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
		15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15421-0192 EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,004.55	74.73
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
15MOD-0267 For Sediment Bucket, Add	116.00	
15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0193 EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,020.66	82.79
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
15MOD-0267 For Sediment Bucket, Add	116.00	
15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0194 EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,037.62	91.29
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
15MOD-0267 For Sediment Bucket, Add	116.00	
15MOD-0268 For Galvanized Sediment Bucket, Add	188.50	
15MOD-0269 For Galvanized Cast Iron Parts, Add	131.50	
15421-0195 EA 12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,132.75	37.24
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
15421-0196 EA 12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	751.29	37.24
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
15421-0197 EA 12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,080.58	37.24
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	
15421-0198 EA 12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	929.49	37.24
15MOD-0264 For Vandal Proof Screws, Add	48.50	
15MOD-0265 For Ductile Iron Grate, Add	181.50	
15MOD-0266 For Convex Grate On Cast Iron Or Ductile Price, Add	38.50	

15422 Roof Drains (15400)

15422-0001 Cast Iron Roof Drains (15422)

15422-0002 Cast Iron Roof Drains With Large Polypropylene Dome (15422-0001)

Note: Dome free area is 124 square inches

15422-0003 EA 15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	404.05	103.46
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0004 EA 15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	455.77	124.13
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0005 EA 15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	507.50	155.16
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0006 EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	699.77	186.20
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0007 EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	695.63	206.86
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	

15000 Mechanical**15400 Plumbing****15422 Roof Drains**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15422-0008 EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	800.39	217.23
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0009 EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,027.28	224.99
15MOD-0270 For Galvanized Iron Parts, Add	197.00	
15MOD-0271 For Deck Clamp, Add	50.00	
15MOD-0272 For Bronze Dome, Add	170.50	
15MOD-0273 For Drain Receiver, Add	75.50	
15MOD-0274 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0010 Cast Iron Roof Drains With Expansion Joint (15422-0001)		
Note: With polypropylene dome - dome free area is 124 square inches		
15422-0011 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	588.34	103.46
15MOD-0275 For Galvanized Iron Parts, Add	197.00	
15MOD-0276 For Deck Clamp, Add	50.00	
15MOD-0277 For Drain Receiver, Add	56.00	
15MOD-0278 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0012 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	652.93	124.13
15MOD-0275 For Galvanized Iron Parts, Add	197.00	
15MOD-0276 For Deck Clamp, Add	50.00	
15MOD-0277 For Drain Receiver, Add	56.00	
15MOD-0278 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0013 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	729.73	155.16
15MOD-0275 For Galvanized Iron Parts, Add	197.00	
15MOD-0276 For Deck Clamp, Add	50.00	
15MOD-0277 For Drain Receiver, Add	56.00	
15MOD-0278 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0014 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	992.96	186.20
15MOD-0275 For Galvanized Iron Parts, Add	197.00	
15MOD-0276 For Deck Clamp, Add	50.00	
15MOD-0277 For Drain Receiver, Add	56.00	
15MOD-0278 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0015 EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	1,065.57	206.86
15MOD-0275 For Galvanized Iron Parts, Add	197.00	
15MOD-0276 For Deck Clamp, Add	50.00	
15MOD-0277 For Drain Receiver, Add	56.00	
15MOD-0278 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top (15422-0001)		
15422-0017 EA 14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	769.92	103.46
15MOD-0279 For Galvanized Iron Parts, Add	197.00	
15MOD-0280 For Deck Clamp, Add	50.00	
15MOD-0281 For Drain Receiver, Add	75.50	
15MOD-0282 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0018 EA 14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	821.64	124.13
15MOD-0279 For Galvanized Iron Parts, Add	197.00	
15MOD-0280 For Deck Clamp, Add	50.00	
15MOD-0281 For Drain Receiver, Add	75.50	
15MOD-0282 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0019 EA 14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	873.37	155.16
15MOD-0279 For Galvanized Iron Parts, Add	197.00	
15MOD-0280 For Deck Clamp, Add	50.00	
15MOD-0281 For Drain Receiver, Add	75.50	
15MOD-0282 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0020 EA 14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	1,030.23	186.20
15MOD-0279 For Galvanized Iron Parts, Add	197.00	
15MOD-0280 For Deck Clamp, Add	50.00	
15MOD-0281 For Drain Receiver, Add	75.50	
15MOD-0282 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0021 EA 14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	1,056.09	206.86
15MOD-0279 For Galvanized Iron Parts, Add	197.00	
15MOD-0280 For Deck Clamp, Add	50.00	
15MOD-0281 For Drain Receiver, Add	75.50	
15MOD-0282 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate (15422-0001)		
15422-0023 EA Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	477.08	41.40
15MOD-0643 For Vandal Proof Grate, Add	11.00	
15MOD-0645 For Galvanized Iron Parts, Add	49.00	
15422-0024 EA Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	497.77	51.70
15MOD-0643 For Vandal Proof Grate, Add	11.00	
15MOD-0645 For Galvanized Iron Parts, Add	49.00	
15422-0025 EA Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	507.17	56.42
15MOD-0643 For Vandal Proof Grate, Add	11.00	
15MOD-0645 For Galvanized Iron Parts, Add	49.00	
15422-0026 EA Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	709.88	74.79
15MOD-0283 For Galvanized Iron Parts, Add	98.00	
15MOD-0643 For Vandal Proof Grate, Add	11.00	



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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15422-0027 EA Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate.....	742.88	91.29
15MOD-0283 For Galvanized Iron Parts, Add	98.00	
15MOD-0643 For Vandal Proof Grate, Add	11.00	
15422-0028 Cast Iron Roof Drain With Flat Cast Iron Grate (15422-0001)		
15422-0029 EA 9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top.....	435.21	103.46
15MOD-0284 For Galvanized Iron Parts, Add	55.00	
15MOD-0285 For Bronze Grate, Add	78.50	
15MOD-0286 For Deck Clamp, Add	31.00	
15MOD-0287 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	72.00	
15422-0030 EA 9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top.....	486.93	124.13
15MOD-0284 For Galvanized Iron Parts, Add	55.00	
15MOD-0285 For Bronze Grate, Add	78.50	
15MOD-0286 For Deck Clamp, Add	31.00	
15MOD-0287 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	72.00	
15422-0031 EA 9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top.....	538.66	155.16
15MOD-0284 For Galvanized Iron Parts, Add	55.00	
15MOD-0285 For Bronze Grate, Add	78.50	
15MOD-0286 For Deck Clamp, Add	31.00	
15MOD-0287 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	72.00	
15422-0032 Cast Iron Roof Drains With Large Cast Iron Dome (15422-0001)		
15422-0033 EA 15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	462.32	103.46
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0034 EA 15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	514.04	124.13
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0035 EA 15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	565.77	155.16
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0036 EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	728.04	186.20
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0037 EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	753.90	206.86
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0038 EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	858.66	217.23
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0039 EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	1,085.55	224.99
15MOD-0288 For Galvanized Iron Parts, Add	197.00	
15MOD-0289 For Deck Clamp, Add	50.00	
15MOD-0290 For Drain Receiver, Add	56.00	
15MOD-0291 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0040 Aluminum Roof Drains (15422)		
15422-0041 Aluminum Dome Roof Drains (15422-0040)		
15422-0042 EA 15" Diameter Roof Drain With 2" Outlet, Aluminum Dome.....	472.48	103.46
15MOD-0292 For Galvanized Iron Parts, Add	197.00	
15MOD-0293 For Deck Clamp, Add	50.00	
15MOD-0294 For Drain Receiver, Add	56.00	
15MOD-0295 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0043 EA 15" Diameter Roof Drain With 3" Outlet, Aluminum Dome.....	524.20	124.13
15MOD-0292 For Galvanized Iron Parts, Add	197.00	
15MOD-0293 For Deck Clamp, Add	50.00	
15MOD-0294 For Drain Receiver, Add	56.00	
15MOD-0295 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0044 EA 15" Diameter Roof Drain With 4" Outlet, Aluminum Dome.....	575.93	155.16
15MOD-0292 For Galvanized Iron Parts, Add	197.00	
15MOD-0293 For Deck Clamp, Add	50.00	
15MOD-0294 For Drain Receiver, Add	56.00	
15MOD-0295 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0045 EA 15" Diameter Roof Drain With 6" Outlet, Aluminum Dome.....	764.06	206.68
15MOD-0292 For Galvanized Iron Parts, Add	197.00	
15MOD-0293 For Deck Clamp, Add	50.00	
15MOD-0294 For Drain Receiver, Add	56.00	
15MOD-0295 For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	

15000 Mechanical**15400 Plumbing****15422 Roof Drains**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15422-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome.....	868.94	217.23
	15MOD-0292	For Galvanized Iron Parts, Add	197.00	
	15MOD-0293	For Deck Clamp, Add	50.00	
	15MOD-0294	For Drain Receiver, Add	56.00	
	15MOD-0295	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome.....	1,095.72	224.99
	15MOD-0292	For Galvanized Iron Parts, Add	197.00	
	15MOD-0293	For Deck Clamp, Add	50.00	
	15MOD-0294	For Drain Receiver, Add	56.00	
	15MOD-0295	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	136.00	
15422-0048		Retrofit Roof Drains (15422)		
15422-0049		Copolymer Retrofit Roof Drains With Copolymer Strainer Dome (15422-0048)		
15422-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome.....	438.29	124.13
15422-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome.....	496.93	155.16
15422-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome.....	602.15	186.20
15422-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome.....	655.65	206.68
15422-0054		Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome (15422-0048)		
15422-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome.....	500.48	124.13
15422-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome.....	556.36	155.16
15422-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome.....	665.73	186.20
15422-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome.....	699.89	206.68
15422-0059		Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome (15422-0048)		
15422-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome.....	441.05	124.13
	15MOD-0296	For Copolymer Strainer Dome, Deduct	-24.00	
15422-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome.....	499.69	155.16
	15MOD-0296	For Copolymer Strainer Dome, Deduct	-24.00	
15422-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome.....	604.92	186.20
	15MOD-0296	For Copolymer Strainer Dome, Deduct	-24.00	
15422-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome.....	636.30	206.68
	15MOD-0296	For Copolymer Strainer Dome, Deduct	-24.00	
15422-0064		Bronze Downspout Nozzles (15422)		
15422-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle.....	254.84	62.07
15422-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle.....	254.84	62.07
15422-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle.....	254.84	62.07
15422-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle.....	390.51	77.59
15422-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle.....	390.51	77.59
15422-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle.....	500.07	77.59
15423 Cleanouts (15400)				
15423-0001		Cast Iron Cleanout With Plug And Cover (15423)		
		Note: For floor installation		
15423-0002		Cast Iron Cleanout With Plug And Round Or Square Cover (15423-0001)		
15423-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	345.71	35.86
	15MOD-0297	For Vandal Proof, Add	19.50	
	15MOD-0298	For Galvanized Ferrule, Add	45.00	
	15MOD-0299	For Carpet Marker, Add	16.00	
	15MOD-0300	For Carpet Flange, Add	58.50	
	15MOD-0301	For Wide Flange, Add	97.00	
	15MOD-0302	For Satin Bronze Top, Deduct	-24.00	
15423-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	375.27	44.97
	15MOD-0297	For Vandal Proof, Add	19.50	
	15MOD-0298	For Galvanized Ferrule, Add	45.00	
	15MOD-0299	For Carpet Marker, Add	16.00	
	15MOD-0300	For Carpet Flange, Add	58.50	
	15MOD-0301	For Wide Flange, Add	97.00	
	15MOD-0302	For Satin Bronze Top, Deduct	-24.00	
15423-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	468.10	54.33
	15MOD-0297	For Vandal Proof, Add	19.50	
	15MOD-0298	For Galvanized Ferrule, Add	45.00	
	15MOD-0299	For Carpet Marker, Add	16.00	
	15MOD-0300	For Carpet Flange, Add	58.50	
	15MOD-0301	For Wide Flange, Add	97.00	
	15MOD-0302	For Satin Bronze Top, Deduct	-24.00	
15423-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	667.13	60.80
	15MOD-0297	For Vandal Proof, Add	19.50	
	15MOD-0298	For Galvanized Ferrule, Add	45.00	
	15MOD-0299	For Carpet Marker, Add	16.00	
	15MOD-0300	For Carpet Flange, Add	58.50	
	15MOD-0301	For Wide Flange, Add	97.00	
	15MOD-0302	For Satin Bronze Top, Deduct	-24.00	



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Plumbing 15400	
Cleanouts 15423	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15423-0007 EA 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	818.73	65.87
15MOD-0297 For Vandal Proof, Add	19.50	
15MOD-0298 For Galvanized Ferrule, Add	45.00	
15MOD-0299 For Carpet Marker, Add	16.00	
15MOD-0300 For Carpet Flange, Add	58.50	
15MOD-0301 For Wide Flange, Add	97.00	
15MOD-0302 For Satin Bronze Top, Deduct	-24.00	
15423-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover (15423-0001)		
15423-0009 EA 2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	396.93	35.86
15MOD-0297 For Vandal Proof, Add	19.50	
15MOD-0298 For Galvanized Ferrule, Add	45.00	
15MOD-0299 For Carpet Marker, Add	16.00	
15MOD-0300 For Carpet Flange, Add	58.50	
15MOD-0301 For Wide Flange, Add	97.00	
15MOD-0302 For Satin Bronze Top, Deduct	-24.00	
15423-0010 EA 3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	427.26	44.90
15MOD-0297 For Vandal Proof, Add	19.50	
15MOD-0298 For Galvanized Ferrule, Add	45.00	
15MOD-0299 For Carpet Marker, Add	16.00	
15MOD-0300 For Carpet Flange, Add	58.50	
15MOD-0301 For Wide Flange, Add	97.00	
15MOD-0302 For Satin Bronze Top, Deduct	-24.00	
15423-0011 EA 4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	520.14	54.33
15MOD-0297 For Vandal Proof, Add	19.50	
15MOD-0298 For Galvanized Ferrule, Add	45.00	
15MOD-0299 For Carpet Marker, Add	16.00	
15MOD-0300 For Carpet Flange, Add	58.50	
15MOD-0301 For Wide Flange, Add	97.00	
15MOD-0302 For Satin Bronze Top, Deduct	-24.00	
15423-0012 EA 5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	719.20	60.80
15MOD-0297 For Vandal Proof, Add	19.50	
15MOD-0298 For Galvanized Ferrule, Add	45.00	
15MOD-0299 For Carpet Marker, Add	16.00	
15MOD-0300 For Carpet Flange, Add	58.50	
15MOD-0301 For Wide Flange, Add	97.00	
15MOD-0302 For Satin Bronze Top, Deduct	-24.00	
15423-0013 EA 6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	870.74	65.87
15MOD-0297 For Vandal Proof, Add	19.50	
15MOD-0298 For Galvanized Ferrule, Add	45.00	
15MOD-0299 For Carpet Marker, Add	16.00	
15MOD-0300 For Carpet Flange, Add	58.50	
15MOD-0301 For Wide Flange, Add	97.00	
15MOD-0302 For Satin Bronze Top, Deduct	-24.00	
15423-0014 Wall Cover For Cleanout (15423)		
Note: Cover and screw only		
15423-0015 Round Access Cover, Bronze Polished Top (15423-0014)		
Note: Cover and screw only		
15423-0016 EA 4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	53.37	11.26
15MOD-0303 For Stainless Steel, Add	9.00	
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15423-0017 EA 5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	57.87	13.48
15MOD-0303 For Stainless Steel, Add	9.00	
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15423-0018 EA 7" Diameter Wall Cover For Cleanout, Screwed.....	73.43	15.16
15MOD-0303 For Stainless Steel, Add	9.00	
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15423-0019 EA 9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	122.32	16.86
15MOD-0303 For Stainless Steel, Add	9.00	
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15423-0020 EA 11-1/4" Diameter Wall Cover For Cleanout, Screwed.....	182.62	18.54
15MOD-0303 For Stainless Steel, Add	9.00	
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15423-0021 Square Wall Access Panel, Bronze Polished Top (15423-0014)		
Note: Cover and screw only		
15423-0022 EA 7" x 7" Bronze Wall Or Floor Access Cover.....	168.82	11.26
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15MOD-0305 For Nickel Bronze, Add	22.50	
15423-0023 EA 9" x 9" Bronze Wall Or Floor Access Cover.....	239.05	11.80
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15MOD-0305 For Nickel Bronze, Add	22.50	
15423-0024 EA 10" x 10" Bronze Wall Or Floor Access Cover.....	255.31	12.47
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15MOD-0305 For Nickel Bronze, Add	22.50	
15423-0025 EA 14" x 14" Bronze Wall Or Floor Access Cover.....	285.78	14.16
15MOD-0304 For Vandal Proof Screws, Add	19.50	
15MOD-0305 For Nickel Bronze, Add	22.50	

15000 Mechanical**15400 Plumbing****15423 Cleanouts**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15423-0026		Secured Square Wall Access Panel, Bronze Polished Top (15423-0014) Note: Cover and screw only		
15423-0027	EA	6" x 6" Bronze Secured Wall Access Panel	168.82	11.26
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0028	EA	8" x 8" Bronze Secured Wall Access Panel	239.05	11.80
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0029	EA	10" x 10" Bronze Secured Wall Access Panel	255.31	12.47
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0030	EA	12" x 12" Bronze Secured Wall Access Panel	285.78	14.16
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0031		Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated (15423-0014) Note: Cover and screw only		
15423-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	164.08	11.26
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	223.47	11.80
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	312.90	12.47
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	377.93	14.16
	15MOD-0304	For Vandal Proof Screws, Add	19.50	
	15MOD-0305	For Nickel Bronze, Add	22.50	
15423-0036		Cast Iron Cleanout Tee (15423)		
15423-0037		Cast Iron Cleanout Tee And Round Access Cover (15423-0036) Note: Satin smooth secured cover		
15423-0038	EA	2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	243.27	35.86
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0039	EA	3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	279.28	44.90
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0040	EA	4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	363.22	54.33
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0041	EA	6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	846.35	65.87
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0042		Cast Iron Cleanout Tee And Square Access Cover (15423-0036) Note: Satin smooth secured cover		
15423-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	414.82	35.86
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	450.84	44.90
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	523.39	54.33
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,078.07	65.87
	15MOD-0306	For Vandal Proof Screws, Add	18.00	
	15MOD-0307	For Galvanized Cast Iron Parts, Add	45.00	
15423-0047		Cast Iron Cleanout Tee With Brass Plug (15423-0036)		
15423-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	199.31	29.33
15423-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	222.59	32.02
15423-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	296.48	42.13
15423-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	441.26	49.89
15423-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	744.04	58.99
15423-0053		Removable Cleanout Plug (15423)		
15423-0054		Threaded Bronze Plugs (15423-0053)		
15423-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	31.83	8.43
	15MOD-0308	For Plug Tapped For Center Screw, Add	9.50	
15423-0056	EA	2-1/2" Threaded Bronze Plug	37.24	9.16
	15MOD-0308	For Plug Tapped For Center Screw, Add	9.50	
15423-0057	EA	3" Threaded Bronze Plug	58.88	10.11
	15MOD-0308	For Plug Tapped For Center Screw, Add	9.50	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15423-0058	EA 3-1/2" Threaded Bronze Plug.....	66.33	11.80
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0059	EA 4" Threaded Bronze Plug.....	75.12	13.48
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0060	EA 5" Threaded Bronze Plug.....	102.21	15.16
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0061	EA 6" Threaded Bronze Plug.....	145.56	16.86
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0062	EA 8" Threaded Bronze Plug.....	236.96	18.54
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0063	EA 10" Threaded Bronze Plug.....	335.18	20.22
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0064	Threaded Brass Plugs (15423-0053)		
15423-0065	EA 1 1/2" Threaded Brass Plug, Raised Head.....	22.24	8.43
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0066	EA 2" Threaded Brass Plug, Raised Head.....	23.17	8.43
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0067	EA 2 1/2" Threaded Brass Plug, Raised Head.....	25.60	9.16
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0068	EA 3" Threaded Brass Plug, Raised Head.....	29.65	10.11
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0069	EA 3 1/2" Threaded Brass Plug, Raised Head.....	35.56	11.80
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0070	EA 4" Threaded Brass Plug, Raised Head.....	43.18	13.48
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0071	EA 4 1/2" Threaded Brass Plug, Raised Head.....	46.94	14.20
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0072	EA 5" Threaded Brass Plug, Raised Head.....	51.32	15.16
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0073	EA 6" Threaded Brass Plug, Raised Head.....	77.39	16.85
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0074	EA 1 1/2" Threaded Brass Plug, Countersunk Head.....	21.51	8.43
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0075	EA 2" Threaded Brass Plug, Countersunk Head.....	22.54	8.43
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0076	EA 2 1/2" Threaded Brass Plug, Countersunk Head.....	27.63	9.16
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0077	EA 3" Threaded Brass Plug, Countersunk Head.....	29.95	10.11
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0078	EA 3 1/2" Threaded Brass Plug, Countersunk Head.....	34.67	11.80
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0079	EA 4" Threaded Brass Plug, Countersunk Head.....	41.79	13.48
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0080	EA 5" Threaded Brass Plug, Countersunk Head.....	50.56	15.16
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15423-0081	EA 6" Threaded Brass Plug, Countersunk Head.....	65.21	16.86
	15MOD-0308 For Plug Tapped For Center Screw, Add	9.50	
15424	Domestic Water Heaters (15400)		
15424-0001	Domestic Water Heater (15424)		
15424-0002	Electric Domestic Water Heaters (15424-0001) Note: Excludes electrical connections.		
15424-0003	Electric Domestic Water Heaters (15424-0002)		
15424-0004	Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) (15424-0003) Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
15424-0005	EA 2 Gallon, Small-Capacity, Electric Domestic Water Heater.....	476.30	106.17
15424-0006	EA 10 Gallon, Small-Capacity, Electric Domestic Water Heater.....	577.78	112.92
15424-0007	EA 20 Gallon, Small-Capacity, Electric Domestic Water Heater.....	675.89	117.98
15424-0008	Electric Domestic Water Heaters (A.O. Smith ProMax) (15424-0003) Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
15424-0009	EA 30 Gallon, Electric Domestic Water Heater.....	718.91	117.98
15424-0010	EA 40 Gallon, Electric Domestic Water Heater.....	680.43	121.35
15424-0011	EA 50 Gallon, Electric Domestic Water Heater.....	671.78	124.71
15424-0012	EA 55 Gallon, Electric Domestic Water Heater.....	744.73	126.40
15424-0013	EA 66 Gallon, Electric Domestic Water Heater.....	1,060.29	129.78
15424-0014	EA 80 Gallon, Electric Domestic Water Heater.....	1,081.40	134.83
15424-0015	EA 120 Gallon, Electric Domestic Water Heater.....	1,424.02	143.26
15424-0016	Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) (15424-0003) Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
15424-0017	EA 30 Gallon, Low-Boy, Electric Domestic Water Heater.....	768.29	117.98
15424-0018	EA 40 Gallon, Low-Boy, Electric Domestic Water Heater.....	735.43	121.35
15424-0019	EA 50 Gallon, Low-Boy, Electric Domestic Water Heater.....	777.38	124.71



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15424-0020 High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) <i>(15424-0003)</i> Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
15424-0021 EA 40 Gallon, High Efficiency, Electric Domestic Water Heater	793.13	121.35
15424-0022 EA 50 Gallon, High Efficiency, Electric Domestic Water Heater	863.18	124.71
15424-0023 EA 66 Gallon, High Efficiency, Electric Domestic Water Heater	1,052.54	129.78
15424-0024 EA 80 Gallon, High Efficiency, Electric Domestic Water Heater	1,141.85	134.83
15424-0025 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters <i>(15424-0002)</i>		
15424-0026 EA 3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	246.72	33.70
15424-0027 EA 7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	295.15	33.70
15424-0028 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters <i>(15424-0002)</i>		
15424-0029 EA 3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	330.12	50.56
15424-0030 EA 12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	381.71	67.42
15424-0031 EA 17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	633.95	117.98
15424-0032 EA 26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	969.35	134.83
15424-0033 EA 12 KW, 1.6 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	653.83	67.42
15424-0034 EA 14.4 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	897.25	101.12
15424-0035 EA 19.2 KW, 2.6 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	998.66	134.83
15424-0036 EA 24 KW, 3.3 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	1,034.66	134.83
15424-0037 EA 28.8 KW, 3.9 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	1,068.66	134.83
15424-0038 EA 36 KW, 4.9 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	1,118.66	134.83
15424-0039 Gas Domestic Water Heaters <i>(15424-0001)</i>		
15424-0040 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) <i>(15424-0039)</i> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15424-0041 EA 30 Gallon, Atmospheric, Gas Domestic Water Heater	754.49	129.78
15424-0042 EA 40 Gallon, Atmospheric, Gas Domestic Water Heater	742.53	133.14
15424-0043 EA 50 Gallon, Atmospheric, Gas Domestic Water Heater	976.97	136.51
15424-0044 EA 65 Gallon, Atmospheric, Gas Domestic Water Heater	1,055.28	139.89
15424-0045 EA 75 Gallon, Atmospheric, Gas Domestic Water Heater	1,149.95	143.26
15424-0046 EA 100 Gallon, Atmospheric, Gas Domestic Water Heater	1,684.97	151.68
15424-0047 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) <i>(15424-0039)</i> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15424-0048 EA 40 Gallon, Direct-Vent, Gas Domestic Water Heater	1,352.65	133.14
15424-0049 EA 50 Gallon, Direct-Vent, Gas Domestic Water Heater	1,537.97	136.51
15424-0050 EA 75 Gallon, Direct-Vent, Gas Domestic Water Heater	1,990.50	139.89
15424-0051 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) <i>(15424-0039)</i> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15424-0052 EA 40 Gallon, Power-Vent, Gas Domestic Water Heater	1,232.03	133.14
15424-0053 EA 50 Gallon, Power-Vent, Gas Domestic Water Heater	1,282.77	136.51
15424-0054 Instantaneous, Tankless, Gas Domestic Water Heaters <i>(15424-0039)</i>		
15424-0055 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters <i>(15424-0054)</i> Note: Includes vent connection. Excludes vent.		
15424-0056 EA 4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	997.31	134.83
15424-0057 EA 5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,076.91	136.51
15424-0058 EA 5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	1,180.68	139.89
15424-0059 EA 6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	1,374.41	143.26
15424-0060 EA 7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	1,663.04	151.68
15424-0061 EA 7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	1,697.69	151.68



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15424-0062 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (15424-0054)		
15424-0063 EA 5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN).....	1,073.54	134.83
15424-0064 EA 7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN).....	1,663.04	151.68
15424-0065 Oil-Fired Domestic Water Heaters (Bock) (15424-0001)		
Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15424-0066 EA 60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E).....	1,468.80	129.78
15424-0067 EA 104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E).....	1,447.56	129.78
15424-0068 EA 104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES).....	1,554.39	129.78
15424-0069 EA 125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E).....	1,603.85	133.14
15424-0070 EA 140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES).....	2,029.84	136.51
15424-0071 EA 152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E).....	1,730.23	136.51
15424-0072 Water Heater Accessories (15424-0001)		
15424-0073 EA 2 Gallon, Expansion Pressure Tank For Water Heaters.....	59.74	6.74
15424-0074 EA 4.4 Gallon, Expansion Pressure Tank For Water Heaters.....	70.05	6.74
15424-0075 EA 7.6 Gallon, Expansion Pressure Tank For Water Heaters.....	133.81	6.74
15424-0076 EA 14 Gallon, Expansion Pressure Tank For Water Heaters.....	178.68	6.74
15424-0077 EA 19" Diameter, 3" Deep, Water Heater Drain Pan.....	33.91	5.06
15424-0078 EA 24" Diameter, 3" Deep, Water Heater Drain Pan.....	52.18	5.06
15425 Commercial Water Heater (15400)		
15425-0001 Gas Fired Commercial Water Heaters (15425)		
15425-0002 Gas Fired Commercial Water Heaters (A.O. Smith BTR) (15425-0001)		
Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15425-0003 EA 120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-120).....	4,212.13	202.25
15425-0004 EA 154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-154).....	5,308.56	235.95
15425-0005 EA 180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-180).....	5,536.87	269.66
15425-0006 EA 199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-199).....	5,557.56	269.66
15425-0007 EA 199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-200).....	5,686.69	269.66
15425-0008 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-200A).....	7,060.07	296.62
15425-0009 EA 250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-250).....	6,297.54	303.37
15425-0010 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-250A).....	7,599.85	333.70
15425-0011 EA 251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-251).....	5,956.09	303.37
15425-0012 EA 251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-251A).....	7,263.47	333.70
15425-0013 EA 275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-275).....	6,602.57	370.79
15425-0014 EA 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-275A).....	7,949.92	407.86
15425-0015 EA 305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-305).....	6,716.90	370.79
15425-0016 EA 305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-305A).....	7,995.87	407.86
15425-0017 EA 365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-365).....	7,518.85	404.49
15425-0018 EA 365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-365A).....	8,825.98	444.94
15425-0019 EA 390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-400).....	9,086.53	404.49
15425-0020 EA 390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-400A).....	10,512.54	444.94
15425-0021 EA 500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-500).....	10,188.64	438.19
15425-0022 EA 150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-151).....	5,065.93	235.95
15425-0023 EA 150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-151A).....	6,106.42	259.55
15425-0024 EA 199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-201).....	5,262.67	269.66
15425-0025 EA 199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (BTR-201A).....	6,346.13	296.62
15425-0026 EA Sidewall Power Vent System For BTR-120 through BTR-200.....	776.77	168.54
15425-0027 EA Sidewall Power Vent System For BTR-250 through BTR-500.....	913.35	168.54
15425-0028 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) (15425-0001)		
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15425-0029 EA 80 MBH Input, 74 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-80).....	2,654.91	202.25
15425-0030 EA 90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100).....	3,068.79	202.25
15425-0031 EA 120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120).....	4,563.93	202.25
15425-0032 EA 154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154).....	5,609.14	235.95
15425-0033 EA 180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180).....	5,826.59	269.66
15425-0034 EA 199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199).....	5,862.80	269.66
15425-0035 EA 199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200).....	5,997.31	269.66
15425-0036 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A).....	7,054.90	296.62
15425-0037 EA 250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250).....	6,623.47	303.37
15425-0038 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A).....	8,158.59	333.70

15000 Mechanical
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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15425-0039	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	6,939.36	370.79
15425-0040	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	8,503.49	407.86
15425-0041	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	7,097.67	370.79
15425-0042	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	8,596.61	407.86
15425-0043	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	7,974.23	404.49
15425-0044	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	9,351.60	444.94
15425-0045	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	9,712.52	404.49
15425-0046	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	11,128.18	444.94
15425-0047		Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) <i>(15425-0001)</i> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
15425-0048	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	2,411.76	202.25
15425-0049	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	3,301.60	202.25
15425-0050	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	4,651.88	202.25
15425-0051	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	5,892.58	222.47
15425-0052	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	6,255.83	235.95
15425-0053	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	7,637.77	259.55
15425-0054	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	6,460.86	269.66
15425-0055	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	7,861.97	296.62
15425-0056	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	7,306.37	303.37
15425-0057	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	8,629.37	333.70
15425-0058	EA	300 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	10,847.08	407.86
15425-0059	EA	399.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	12,437.08	444.94
15425-0060	EA	499.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	14,332.30	482.02
15425-0061		Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters <i>(15425-0001)</i>		
15425-0062	EA	1200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	23,114.00	778.81
15425-0063	EA	1600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	32,772.81	860.79
15425-0064	EA	2000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	35,578.43	901.78
15425-0065	EA	2400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+).....	38,531.68	983.76
15425-0066		Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters <i>(15425-0001)</i>		
15425-0067	EA	1200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	20,451.93	778.81
15425-0068	EA	1600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	22,593.83	860.79
15425-0069	EA	2000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	24,720.44	901.78
15425-0070	EA	2400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	26,856.23	983.76
15425-0071		Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters <i>(15425-0001)</i>		
15425-0072	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	5,164.45	368.91
15425-0073	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	5,679.57	409.90
15425-0074	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,665.03	491.88
15425-0075	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,493.05	512.37
15425-0076	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,432.69	614.85
15425-0077	EA	1000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	12,876.96	737.82
15425-0078	EA	1250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	14,668.67	778.81
15425-0079	EA	1500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,271.02	840.30
15425-0080	EA	1750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	17,779.71	881.28
15425-0081	EA	2000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	19,105.15	901.78
15425-0082		Patterson Kelly Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters <i>(15425-0001)</i>		
15425-0083	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	17,198.32	614.85
15425-0084	EA	1000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	18,902.51	737.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15425-0085 EA 1500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	25,356.67	840.30
15425-0086 EA 1700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	26,114.07	881.28
15425-0087 EA 2000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	27,347.90	901.78
15425-0088 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters (15425-0001)		
15425-0089 EA 1000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire).....	21,839.44	737.82
15425-0090 EA 1500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire).....	26,445.93	840.30
15425-0091 EA 2000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire).....	28,059.48	901.78
15425-0092 Steam Driven Water Heaters (15425)		
15425-0093 Constant Flow (15425-0092)		
15425-0094 EA 30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	5,058.26	337.07
15425-0095 EA 90 GPM, 1250 LB/Hour Steam Water Heater, Constant Flow	6,324.09	413.05
15425-0096 EA 140 GPM, 2500 LB/Hour Steam Water Heater, Constant Flow	8,094.97	540.19
15425-0097 EA 230 GPM, 5000 LB/Hour Steam Water Heater, Constant Flow	10,936.59	752.42
15425-0098 EA 500 GPM, 7500 LB/Hour Steam Water Heater, Constant Flow	16,033.72	1,239.22
15425-0099 EA 900 GPM, 10000 LB/Hour Steam Water Heater, Constant Flow	17,430.59	1,404.45
15425-0100 EA 1400 GPM, 15000 LB/Hour Steam Water Heater, Constant Flow	23,052.59	1,620.52
15425-0101 EA 2400 GPM, 20000 LB/Hour Steam Water Heater, Constant Flow	27,765.32	1,915.19
15425-0102 Variable Flow (15425-0092)		
15425-0103 EA 30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	7,499.81	657.30
15425-0104 EA 90 GPM, 1250 LB/Hour Steam Water Heater, Variable Flow	8,453.83	802.58
15425-0105 EA 140 GPM, 2500 LB/Hour Steam Water Heater, Variable Flow	10,772.73	1,037.78
15425-0106 EA 230 GPM, 5000 LB/Hour Steam Water Heater, Variable Flow	14,057.57	1,447.94
15425-0107 EA 500 GPM, 7500 LB/Hour Steam Water Heater, Variable Flow	20,768.06	2,421.54
15425-0108 EA 900 GPM, 10000 LB/Hour Steam Water Heater, Variable Flow	25,500.42	2,666.73
15425-0109 EA 1400 GPM, 15000 LB/Hour Steam Water Heater, Variable Flow	29,513.51	3,121.04
15425-0110 EA 2400 GPM, 20000 LB/Hour Steam Water Heater, Variable Flow	37,553.79	3,728.71
15425-0111 Water Heater Storage Tank (15425)		
15425-0112 Galvanized Steel Storage Tank (15425-0111)		
Note: With insulation 125 PSI ASME		
15425-0113 EA 80 Gallon Galvanized Steel Storage Tank.....	1,770.91	46.55
15425-0114 EA 140 Gallon Galvanized Steel Storage Tank.....	2,374.64	69.83
15425-0115 EA 250 Gallon Galvanized Steel Storage Tank.....	4,296.30	104.76
15425-0116 EA 300 Gallon Galvanized Steel Storage Tank.....	6,913.69	130.33
15425-0117 EA 400 Gallon Galvanized Steel Storage Tank.....	8,493.58	162.92
15425-0118 EA 500 Gallon Galvanized Steel Storage Tank.....	10,498.38	198.61
15425-0119 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) (15425-0111)		
15425-0120 EA 80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A).....	1,729.97	248.26
15425-0121 EA 119 Gallon Jacketed, Insulated, 150 PSI, Glass Lined Water Heater Storage Tank (TJV-120M).....	1,909.24	310.33
15425-0122 EA 140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A).....	4,085.18	341.36
15425-0123 EA 200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A).....	4,520.67	372.39
15425-0124 EA 250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A).....	6,003.92	403.42
15425-0125 EA 350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A).....	7,853.82	434.46
15425-0126 EA 400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A).....	8,840.77	465.49
15425-0127 EA 500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A).....	12,533.10	496.52
15425-0128 EA 750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A).....	13,622.12	527.55
15425-0129 EA 1000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A).....	16,270.63	558.59
15425-0130 Uninsulated Glass Lined Storage Tank (A.O. Smith T) (15425-0111)		
15425-0131 EA 80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S).....	1,459.96	248.26
15425-0132 EA 120 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-120S).....	2,361.89	310.33
15425-0133 EA 140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A).....	3,655.75	341.36
15425-0134 EA 200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S).....	3,655.26	372.39
15425-0135 EA 200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A).....	3,829.79	372.39
15425-0136 EA 250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A).....	4,833.10	403.42
15425-0137 EA 325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A).....	5,261.37	434.46
15425-0138 EA 350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S).....	4,950.65	434.46

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15425-0139 EA 350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	5,628.58	434.46
15425-0140 EA 400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	6,204.10	465.49
15425-0141 EA 500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	8,439.76	496.52
15425-0142 EA 750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	9,826.52	527.55
15425-0143 EA 1000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A).....	12,370.35	558.59
15425-0144 Removal And Reinstallation Of Water Heater (15425)		
Note: Includes storage and cleaning		
15425-0145 EA Remove And Reinstall Water Heater Gas Fired, Up To 86 Gallon	306.43	
15425-0146 EA Remove And Reinstall Water Heater Electric, Up To 82 Gallon	224.72	
15425-0147 EA Remove And Reinstall Water Heater Gas Fired, 87 Gallon To 200 Gallon.....	810.27	
15425-0148 EA Remove And Reinstall Water Heater Electric, 83 Gallon To 200 Gallon.....	674.14	
15428 Sediment Interceptors And Oil Separators (15400)		
15428-0001 Oil/Water Separator (15428)		
Note: Complete with internal sensors and detectors		
15428-0002 Coalescing Oil Water Separator (15428-0001)		
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.		
15428-0003 Single Wall Steel Coalescing Oil Water Separator (15428-0002)		
15428-0004 EA 550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	10,367.72	
Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
15MOD-0648 For Interior Polyurethane Coating, Add	711.00	
15428-0005 EA 1000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	12,280.79	
Note: HTC-G 1000. 4' diameter x 14' long tank.		
15MOD-0649 For Interior Polyurethane Coating, Add	893.70	
15428-0006 EA 2000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	14,340.33	
Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
15MOD-0650 For Interior Polyurethane Coating, Add	1,340.10	
15428-0007 Double Wall Steel Coalescing Oil Water Separator (15428-0002)		
15428-0008 EA 550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	15,101.67	
Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
15MOD-0648 For Interior Polyurethane Coating, Add	711.00	
15428-0009 EA 1000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	17,093.39	
Note: HTC-G 1000. 4' diameter x 14' long tank.		
15MOD-0649 For Interior Polyurethane Coating, Add	893.70	
15428-0010 EA 2000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	20,484.56	
Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
15MOD-0650 For Interior Polyurethane Coating, Add	1,340.10	
15428-0011 EA 3000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	23,554.77	
Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.		
15MOD-0651 For Interior Polyurethane Coating, Add	1,550.70	
15428-0012 EA 5000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	30,537.72	
Note: HTC-G 5000. 6' diameter x 28'-8" long tank.		
15MOD-0652 For Interior Polyurethane Coating, Add	2,057.80	
15428-0013 Accessories For Coalescing Oil Water Separators (15428-0002)		
15428-0014 EA Single Channel Alarm Panel For Coalescing Oil Water Separator.....	570.76	
Note: HTAP1		
15428-0015 EA Two Channel Alarm Panel For Coalescing Oil Water Separator.....	773.15	
Note: HTAP2		
15428-0016 EA Float Interface Sensor For Coalescing Oil Water Separator	452.55	
Note: Required for UL 2215 label.		
15428-0017 EA 1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator.....	337.92	
Note: Required for UL 2215 label.		
15428-0018 EA PVC Cap For 2" Sensor For Coalescing Oil Water Separator	122.99	
Note: Required for UL 2215 label.		
15428-0019 EA 550, 1000 Or 2000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	1,938.26	
15428-0020 EA 3000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	3,876.53	
15428-0021 EA 5000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	5,814.85	
15428-0022 EA 550 Or 1000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	370.38	
15428-0023 EA 2000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	431.51	
15428-0024 EA 3000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator.....	863.00	
15428-0025 EA 5000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,867.68	
15428-0026 EA 30" Diameter Grade Level Manway For Coalescing Oil Water Separator	513.66	
Note: Required when installed in paved areas.		
15428-0027 EA 36" Diameter Grade Level Manway For Coalescing Oil Water Separator	663.59	
Note: Required when installed in paved areas.		
15428-0028 EA 48" Diameter Grade Level Manway For Coalescing Oil Water Separator	909.06	
Note: Required when installed in paved areas.		
15428-0029 EA 54" x 54" Grade Level Manway For Coalescing Oil Water Separator	1,623.60	
Note: Required when installed in paved areas.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15428-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	2,076.39	
15428-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	2,596.05	
15428-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,262.82	
15428-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	637.16	
15428-0034	EA	1000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	776.63	
15428-0035	EA	2000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,219.87	
15428-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	607.55	
15428-0037	EA	1000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	737.46	
15428-0038	EA	2000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	875.02	
15428-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	51.58	
15428-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	58.27	
15428-0041		Solid Interceptors, Cast Iron With Internal Deep Seal Trap (15428)		
15428-0042	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel..... <i>15MOD-0309 For Stainless Steel Bucket, Add</i>	271.71 175.00	30.06
15428-0043	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel..... <i>15MOD-0309 For Stainless Steel Bucket, Add</i>	275.56 175.00	32.02
15428-0044		Oil Skimmers (15428)		
15428-0045		Oil Skimmers, 12" And 24" Models (15428-0044)		
15428-0046	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 V, 3 Phase.....	4,405.17	372.45
15428-0047	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 V, 3 Phase.....	4,629.39	372.45
15428-0048	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 V, 1 Phase.....	4,425.93	372.45
15428-0049	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 V, 1 Phase.....	4,713.48	372.45
15428-0050	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 V, 3 Phase.....	4,661.57	372.45
15428-0051	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 V, 3 Phase.....	4,851.54	372.45
15428-0052	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 V, 1 Phase.....	4,710.36	372.45
15428-0053	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 V, 1 Phase.....	4,996.87	372.45
15428-0054	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 V, 3 Phase.....	4,894.46	496.71
15428-0055	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 V, 3 Phase.....	5,134.26	496.71
15428-0056	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 V, 1 Phase.....	4,957.78	496.71
15428-0057	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 V, 1 Phase.....	5,302.43	496.71
15428-0058	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 V, 3 Phase.....	5,500.70	496.71
15428-0059	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 V, 3 Phase.....	5,740.49	496.71
15428-0060	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 V, 1 Phase.....	5,551.56	496.71
15428-0061	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 V, 1 Phase.....	5,897.24	496.71
15428-0062		Oil Skimmers, Add-Ons (15428-0044)		
15428-0063	LF	Add For Belt Projection, 12" Width.....	15.57	
15428-0064	LF	Add For Belt Projection, 24" Width.....	29.07	
15428-0065	LF	Add For Spacer Stands, 12" Models.....	215.71	
15428-0066	LF	Add For Spacer Stands, 24" Models.....	261.38	
15428-0067		Sediment Strainers (15428)		
15428-0068	EA	2" Strainer, Pump Suction Side	93.38	41.03
15430		Packaged Waste, Vent, Or Water Piping Units (15400)		
15430-0001		Cast Iron Vent Through Roof (15430)		
		Note: Includes roof boot.		
15430-0002		Hub-Type Cast Iron Vent Through Roof (15430-0001)		
		Note: Includes two feet of pipe		
15430-0003	EA	2" Hub-Type Cast Iron Vent Through Roof.....	188.73	55.96
15430-0004	EA	3" Hub-Type Cast Iron Vent Through Roof.....	219.71	63.37
15430-0005	EA	4" Hub-Type Cast Iron Vent Through Roof.....	246.60	69.43
15430-0006		No Hub Cast Iron Vent Through Roof (15430-0001)		
		Note: Includes two feet of pipe		
15430-0007	EA	2" No Hub Cast Iron Vent Through Roof.....	171.96	49.21
15430-0008	EA	3" No Hub Cast Iron Vent Through Roof.....	196.76	55.96
15430-0009	EA	4" No Hub Cast Iron Vent Through Roof.....	202.83	55.96
15430-0010		Neoprene Gasket Only (15430-0001)		
15430-0011	EA	Neoprene Roof Boot For 2" Diameter Pipe.....	23.21	5.67
15430-0012	EA	Neoprene Roof Boot For 3" Diameter Pipe.....	26.96	6.35
15430-0013	EA	Neoprene Roof Boot For 4" Diameter Pipe.....	29.70	6.83
15430-0014		ABS And PVC Automatic Drain Vent (15430)		

15000 Mechanical**15400 Plumbing****15430 Packaged Waste, Vent, Or Water Piping Units**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15430-0015	EA	1-1/4", 1-1/2" And 2" ABS Or PVC Automatic Drain Vent, Mini Vent	78.48	8.69
15430-0016	EA	2", 3" And 4" ABS Or PVC Automatic Drain Vent, Maxi Vent	92.78	8.69
15430-0017		Flashing Sleeves, Caulking Type Roofing (15430)		
15430-0018	EA	1-1/2" Flashing Sleeve	45.01	13.96
15430-0019	EA	2" Flashing Sleeve	48.11	15.52
15430-0020	EA	3" Flashing Sleeve	70.32	20.18
15430-0021	EA	4" Flashing Sleeve	80.71	23.27
15430-0022	EA	5" Flashing Sleeve	122.83	26.38
15430-0023	EA	6" Flashing Sleeve	144.02	29.48
15430-0024		Vandal Proof Hooded Vent Caps (15430)		
15430-0025	EA	1-1/2" Vandal Proof Hooded Vent Cap	140.53	13.96
15430-0026	EA	2" Vandal Proof Hooded Vent Cap	143.63	15.52
15430-0027	EA	3" Vandal Proof Hooded Vent Cap	167.58	20.18
15430-0028	EA	4" Vandal Proof Hooded Vent Cap	188.43	23.27
15430-0029	EA	5" Vandal Proof Hooded Vent Cap	220.44	26.38
15430-0030	EA	6" Vandal Proof Hooded Vent Cap	241.28	29.48
15440		Fixture Rough-In Assemblies (15400)		
15440-0001		Fixture Rough-In (15440) Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 15062-0000 for cast iron pipe and fittings, 15063-0000 for copper pipe and fittings, 15064-0000 for PVC pipe and fittings, 15094-0000 for hangers, 15180-0000 for insulation.		
15440-0002		Single Fixture Rough-In, Cast Iron Waste And Vent Pipe (15440-0001) Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
15440-0003	EA	Rough-in Water Closet, Floor Mounted, Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	571.46	
15440-0004	EA	Rough-in Water Closet, Wall Mounted, Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	745.66	
15440-0005	EA	Rough-in Tank-Type Water Closet, Floor Mounted, Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	522.31	
15440-0006	EA	Rough-in Urinal, Wall Mounted, Single Fixture	295.99	
15440-0007	EA	Rough-in Lavatory, Wall Mounted, Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	395.93	
15440-0008	EA	Rough-in Kitchen Sink, (Countertop), Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	507.94	
15440-0009	EA	Rough-in Bathtub (5' Recessed), Single Fixture	538.06	
15440-0010	EA	Rough-in Water Cooler (Free Standing), Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	325.59	
15440-0011	EA	Rough-in Service Sink, Floor Mounted, Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	522.31	
15440-0012	EA	Rough-in Service Sink, Wall Mounted, Single Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	539.16	
15440-0013	EA	Rough-in Shower, Single Fixture	508.11	
15440-0014	EA	Rough-in Bidet, Single Fixture	571.46	
15440-0015	EA	Rough-in Wash Fountain, Circular, Floor Mounted, Single Fixture	894.23	
15440-0016	EA	Rough-in Tub/Shower, Single Fixture	553.60	
15440-0017		Double Fixture Rough-In, Cast Iron Waste And Vent Pipe (15440-0001) Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
15440-0018	EA	Rough-in Water Closet, Floor Mounted, Double Fixture	738.72	
15440-0019	EA	Rough-in Water Closet, Wall Mounted, Double Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	999.41	
15440-0020	EA	Rough-in Tank-Type Water Closet, Floor Mounted, Double Fixture	638.32	
15440-0021	EA	Rough-in Urinal, Wall Mounted, Double Fixture..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	345.43	



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Fixture Rough-In Assemblies 15440	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15440-0022	EA	Rough-in Lavatory, Wall Mounted, Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	540.59	
15440-0023	EA	Rough-in Kitchen Sink, (Countertop), Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	571.92	
15440-0024	EA	Rough-in Water Cooler (Free Standing), Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	378.54	
15440-0025	EA	Rough-in Service Sink, Floor Mounted, Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	644.52	
15440-0026	EA	Rough-in Service Sink, Wall Mounted, Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	566.70	
15440-0027	EA	Rough-in Shower, Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	551.19	
15440-0028	EA	Rough-in Bidet, Double Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	738.72	
15440-0029		Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(15440-0001)</small> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
15440-0030	EA	Rough-in Water Closet, Floor Mounted, Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	369.07	
15440-0031	EA	Rough-in Water Closet, Wall Mounted, Gang Mounted Fixture Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	499.70	
15440-0032	EA	Rough-in Tank-Type Water Closet, Floor Mounted, Gang Mounted Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	319.47	
15440-0033	EA	Rough-in Urinal, Wall Mounted, Gang Mounted Fixture Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	173.03	
15440-0034	EA	Rough-in Lavatory, Wall Mounted, Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	270.31	
15440-0035	EA	Rough-in Kitchen Sink, (Countertop), Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	285.94	
15440-0036	EA	Rough-in Water Cooler (Free Stand), Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	204.79	
15440-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	321.96	
15440-0038	EA	Rough-in Service Sink, Wall Mounted, Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	283.34	
15440-0039	EA	Rough-in Shower, Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	275.89	
15440-0040	EA	Rough-in Bidet, Gang Mounted Fixture Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	364.73	
15440-0041		Single Fixture Rough-In, PVC Waste And Vent Pipe <small>(15440-0001)</small> Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
15440-0042	EA	Rough-in Water Closet, Floor Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	330.34	
15440-0043	EA	Rough-in Water Closet, Wall Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	353.95	
15440-0044	EA	Rough-in Tank-Type Water Closet, Floor Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	315.52	
15440-0045	EA	Rough-in Urinal, Wall Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	167.60	
15440-0046	EA	Rough-in Lavatory, Wall Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	220.47	
15440-0047	EA	Rough-in Kitchen Sink, (Countertop), Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	302.30	
15440-0048	EA	Rough-in Bathtub (5' Recessed), Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	271.65	
15440-0049	EA	Rough-in Water Cooler (Free Standing), Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	186.90	
15440-0050	EA	Rough-in Service Sink, Floor Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	315.52	
15440-0051	EA	Rough-in Service Sink, Wall Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	336.66	
15440-0052	EA	Rough-in Shower, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	283.05	
15440-0053	EA	Rough-in Bidet, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	297.11	
15440-0054	EA	Rough-in Wash Fountain, Circular, Floor Mounted, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	455.14	
15440-0055	EA	Rough-in Tub/Shower, Single Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	285.23	
15440-0056		Double Fixture Rough-In, PVC Waste And Vent Pipe <small>(15440-0001)</small> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		

15000 Mechanical**15400 Plumbing****15440 Fixture Rough-In Assemblies**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15440-0057	EA	Rough-in Water Closet, Floor Mounted, Double Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	398.28	
15440-0058	EA	Rough-in Water Closet, Wall Mounted, Double Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	462.41	
15440-0059	EA	Rough-in Tank-Type Water Closet, Floor Mounted, Double Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures.	346.67	
15440-0060	EA	Rough-in Urinal, Wall Mounted, Double Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	179.47	
15440-0061	EA	Rough-in Lavatory, Wall Mounted, Double Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	276.33	
15440-0062	EA	Rough-in Kitchen Sink, (Countertop), Double Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	321.49	
15440-0063	EA	Rough-in Water Cooler (Free Standing), Double Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixtures.	202.78	
15440-0064	EA	Rough-in Service Sink, Floor Mounted, Double Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	352.18	
15440-0065	EA	Rough-in Service Sink, Wall Mounted, Double Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	344.92	
15440-0066	EA	Rough-in Shower, Double Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	301.59	
15440-0067	EA	Rough-in Bidet, Double Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	349.83	
15440-0068		Gang Fixture Rough-In, PVC Waste And Vent Pipe (15440-0001) Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
15440-0069	EA	Rough-in Water Closet, Floor Mounted, Gang Mounted Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	198.89	
15440-0070	EA	Rough-in Water Closet, Wall Mounted, Gang Mounted Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	230.90	
15440-0071	EA	Rough-in Tank-Type Water Closet, Floor Mounted, Gang Mounted Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	152.62	
15440-0072	EA	Rough-in Urinal, Wall Mounted, Gang Mounted Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	103.64	
15440-0073	EA	Rough-in Lavatory, Wall Mounted, Gang Mounted Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	154.21	
15440-0074	EA	Rough-in Kitchen Sink, (Counter), Gang Mounted Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	160.59	
15440-0075	EA	Rough-in Water Cooler (Free Stand), Gang Mounted Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture.	101.39	
15440-0076	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	176.04	
15440-0077	EA	Rough-in Service Sink, Wall Mounted, Gang Mounted Fixture Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	172.49	
15440-0078	EA	Rough-in Shower, Gang Mounted Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	151.07	
15440-0079	EA	Rough-in Bidet, Gang Mounted Fixture..... Note: Includes PVC waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	170.55	
15450 Plumbing Fixtures And Trim (15000)				
15451 Plumbing Fixtures And Trim (15450)				
		Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards in CSI section 15401. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.		
15451-0001		Standard Fixtures And Trim (15451) Note: Prices are for commercial grade and include final connection and all associated trim (seat, supply stop and line, wax seal). Excludes rough-in within the wall and carrier. See CSI section 15452-0000 for fixture carriers.		
15451-0002		Vitreous China Water Closets (15451-0001) Note: With a 2" ball pass.		
15451-0003		Floor Mounted Elongated Vitreous China Water Closets (15451-0002) Note: Includes wax seal and toilet seat. Excludes flush valve.		
15451-0004	EA	Flush Valve Type, Floor Outlet, Siphon Jet Water Closet, Floor Mounted, Elongated, (American Standard 2305.100)	396.69	64.55
15451-0005	EA	Flush Valve Type, Wall Outlet, Siphon Jet Water Closet, Floor Mounted, Elongated, (American Standard 2529.016)	520.18	64.55
15451-0006	EA	2 Piece Tank Type, Floor Outlet, Siphon Jet Water Closet, Floor Mounted, Elongated, (American Standard 2333.100)	564.42	64.55
15451-0007	EA	Flush Valve Type, Floor Outlet, 1.28 GPF Water Closet, Floor Mounted, Elongated, (Toto CT705E).....	382.90	64.55
15451-0008		Wall Hung Elongated Vitreous China Water Closets (15451-0002) Note: Includes wax seal and toilet seat. Excludes flush valve.		
15451-0009	EA	Flush Valve Type, Siphon Jet Water Closet, Wall Hung, Elongated, (American Standard 2257.103)	436.26	79.44
15451-0010	EA	Handicap Accessible, Flush Valve Type, Siphon Jet Water Closet, Wall Hung, Elongated, (American Standard 2294.011)	548.28	79.44
15451-0011	EA	2 Piece Tank Type Siphon Jet Water Closet, Wall Hung, Elongated, (American Standard 2093.100)	763.68	79.44
15451-0012	EA	Flush Valve Type 1.28 GPF Water Closet, Wall Hung, Elongated, (Toto CT708E Or CT708EV).....	475.64	79.44



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15451-0013		Floor Mounted Elongated Handicapped Water Closets <small>(15451-0002)</small>		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
15451-0014	EA	Flush Valve Type, Siphon Jet Handicap Accessible Water Closet, Floor Mounted, Floor Outlet, Elongated (American Standard 3043.102).....	396.91	64.55
15451-0015	EA	2 Piece Tank Type, Siphon Jet Handicap Accessible Water Closet, Floor Mounted, Floor Outlet, Elongated (American Standard 2377.100).....	588.19	64.55
15451-0016	EA	Flush Valve Type, Handicap Accessible 1.28 GPF Water Closet, Floor Mounted, Floor Outlet, Elongated (Toto CT705EL).....	406.67	64.55
15451-0017		Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets <small>(15451-0002)</small>		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
15451-0018	EA	Flush Valve Type, Floor Outlet, 10" High Bowl, Children's Height, Siphon Jet Water Closet, Floor Mounted, Elongated (Kohler K-4321).....	436.79	64.55
15451-0019	EA	Flush Valve Type, Floor Outlet, 10" High Bowl, Children's Height, Siphon Jet Water Closet, Floor Mounted, Round Front (American Standard 2282.010).....	414.99	64.55
15451-0020	EA	2 Piece Tank Type, Floor Outlet, 10" High Bowl, Children's Height Siphon Jet Water Closet, Floor Mounted, Round Front (American Standard 2315.016).....	500.37	64.55
15451-0021		Water Closet Flush Valves <small>(15451-0002)</small>		
15451-0022	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115).....	183.42	21.16
15451-0023	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111).....	172.91	21.16
15451-0024	EA	Concealed Manual Water Closet Flush Valve, Back Spud (Sloan Regal-140).....	244.38	21.16
15451-0025	EA	Concealed Manual Water Closet Flush Valve, Top Spud (Sloan Regal-142).....	271.35	21.16
15451-0026	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S).....	492.78	21.16
15451-0027	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S).....	494.54	21.16
15451-0028	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S).....	521.75	21.16
15451-0029	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113).....	485.22	21.16
15451-0030	EA	Dual Flush Water Closet Flush Valve (Sloan WES-115).....	216.86	12.41
		Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
15451-0031	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110).....	412.53	21.16
15451-0032	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EVB-89AM).....	240.55	21.16
15451-0033	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X).....	211.39	21.16
15451-0034	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EVB-200A).....	212.10	18.62
15451-0035	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X).....	230.42	18.62
15451-0036	EA	Exposed Infrared Water Closet Flush Valve 1.28 GPF (Toto EcoPower TET1LN).....	499.79	21.16
15451-0037	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32).....	547.20	21.16
15451-0038	EA	Concealed Infrared Water Closet Flush Valve, Back Spud 1.28 GPF (Toto EcoPower TET2LN31 Or TET3LN31).....	696.03	21.16
15451-0039	EA	Concealed Infrared Water Closet Flush Valve, Top Spud 1.28 GPF (Toto EcoPower TET2LN32 Or TET3LN32).....	696.03	21.16
15451-0040	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV).....	144.98	21.16
15451-0041		Vitreous China Urinals <small>(15451-0001)</small>		
		Note: Excludes flush valve unless indicated otherwise.		
15451-0042		Wall Hung Urinals <small>(15451-0041)</small>		
15451-0043	EA	Washdown, Wall Hung Vitreous China Urinal (American Standard 6501.010.020).....	442.18	66.41
15451-0044	EA	Blowout, Wall Hung Vitreous China Urinal (American Standard 6601.012.020).....	513.99	66.41
15451-0045	EA	Siphon Jet, Wall Hung Vitreous China Urinal (American Standard 6561.017.020).....	462.29	66.41
15451-0046	EA	Handicap, Wall Hung Vitreous China Urinal (American Standard 6541.132).....	373.52	66.41
15451-0047	EA	Blowout, Wall Hung Vitreous China Urinal (American Standard 6571.014.020).....	459.41	66.41
15451-0048	EA	Wall Hung Vitreous China Urinal 0.5 GPF (Toto UT447E Or UT447EV).....	425.53	66.41
15451-0049	EA	Wall Hung Vitreous China Urinal With Oval Bowl 0.5 GPF (Toto UT107E Or UT104EV).....	366.36	66.41
15451-0050		Floor Mounted Urinals <small>(15451-0041)</small>		
15451-0051	EA	Washout Floor Mounted Vitreous China Urinal (American Standard 6400.014).....	647.68	83.79
15451-0052		Urinal Flush Valves <small>(15451-0041)</small>		
15451-0053	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Sloan Regal 186-1.0).....	133.85	21.16
15451-0054	EA	Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180-1.0).....	133.85	21.16
15451-0055	EA	Concealed Manual Urinal Flush Valve, Back Spud (Sloan Royal 195-1).....	189.60	21.16
15451-0056	EA	Concealed Manual Urinal Flush Valve, Top Spud (Sloan Royal 197-1).....	258.27	21.16
15451-0057	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S).....	403.76	21.16
15451-0058	EA	Concealed Infrared Urinal Flush Valve, Back Spud (Sloan Royal 195-1-WB-ES-S).....	542.73	21.16
15451-0059	EA	Concealed Infrared Urinal Flush Valve, Top Spud (Sloan Royal 197-1-WB-ES-S).....	582.10	21.16
15451-0060	EA	Exposed Battery Powered Urinal Flush Valve, Top Spud (Sloan G2 Opt+8186-1).....	381.49	21.16
15451-0061	EA	Exposed Infrared Urinal Flush Valve 0.5 GPF (Toto EcoPower TEU1LN).....	499.79	21.16
15451-0062	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) 0.5 GPF (Toto EcoPower TEU1LN12).....	544.14	21.16
15451-0063	EA	Concealed Infrared Urinal Flush Valve, 0.5 GPF (Toto EcoPower TET2LN21 Or TET3LN21).....	696.03	21.16
15451-0064	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Zurn Z6003AV).....	161.88	21.16
15451-0065		Enameled Cast Iron Trough Type Urinals <small>(15451-0041)</small>		
		Note: Includes strainer, p-trap, washdown pipe and trim		

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15451-0066	EA	36" Long Trough Type Urinal, Enameled Cast Iron (Kohler K-5055-0)	1,635.01	93.85
15451-0067	EA	48" Long Trough Type Urinal, Enameled Cast Iron (Kohler K-5056-0)	1,831.74	93.85
15451-0068	EA	60" Long Trough Type Urinal, Enameled Cast Iron (Kohler K-5057-0)	2,135.01	109.38
15451-0069	EA	72" Long Trough Type Urinal, Enameled Cast Iron (Kohler K-5058-0)	2,377.90	109.38
15451-0070		Waterfree Urinals (15451-0041)		
15451-0071	EA	Falcon F-1000 Waterfree Urinal, Vitreous China, White	557.51	46.55
	15MOD-0310	For Colored Fixtures, Add	66.90	
	15MOD-0311	For > 1, Deduct	-45.87	
15451-0072	EA	Falcon F-2000 Waterfree Urinal, Vitreous China, White	513.28	46.55
	15MOD-0310	For Colored Fixtures, Add	66.90	
	15MOD-0311	For > 1, Deduct	-40.83	
15451-0073	EA	Falcon F-4000 Waterfree Urinal, Vitreous China, White	401.40	46.55
	15MOD-0310	For Colored Fixtures, Add	66.90	
	15MOD-0311	For > 1, Deduct	-28.07	
15451-0074	EA	Falcon F-5000 Waterfree Urinal, Vitreous China, White	401.40	46.55
	15MOD-0310	For Colored Fixtures, Add	66.90	
	15MOD-0311	For > 1, Deduct	-28.07	
15451-0075	EA	Falcon F-7000 Waterfree Urinal, Vitreous China, White	489.32	46.55
	15MOD-0310	For Colored Fixtures, Add	66.90	
	15MOD-0311	For > 1, Deduct	-38.09	
15451-0076	EA	Falcon F-9000 Waterfree Urinal, Stainless Steel	724.34	46.55
	15MOD-0310	For Colored Fixtures, Add	66.90	
	15MOD-0311	For > 1, Deduct	-64.89	
15451-0077		Recessed Bathtub (15451-0001)		
15451-0078	EA	Enameled Cast Iron Bathtub, 5' Recessed	1,635.47	172.54
15451-0079	EA	Enameled Steel Bathtub, 5' Recessed	573.72	172.54
15451-0080	EA	Porcelain Bathtub, 4' Recessed	1,078.65	186.20
15451-0081	EA	Porcelain Bathtub, 5' Recessed	1,194.95	203.57
15451-0082	EA	Porcelain Bathtub, 6' Recessed	1,503.20	248.26
15451-0083	EA	Portable Tub Seat, Adjustable Bath Bench With Back	33.35	8.43
15451-0084	EA	Mountable Tub Seat	157.16	44.83
15451-0085	EA	Refinish Porcelain Bathtub	351.08	
15451-0086	EA	Refinish Enameled Cast Iron Bathtub	260.76	
15451-0087	EA	Refinish Fiberglass Bathtub	227.20	
15451-0088		Lavatories (15451-0001)		
		Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 15451-0265 for faucets.		
15451-0089		Wall Hung Lavatories (15451-0088)		
15451-0090	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard 4867.004.020)	368.02	41.58
15451-0091	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard 4869.004.020)	412.36	41.58
15451-0092	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler K-2703-EH)	507.56	41.58
15451-0093	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard 0373.027)	335.21	41.58
15451-0094	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard 0321.026)	286.39	41.58
15451-0095	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard 0195.073.020)	343.83	41.58
15451-0096	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard 9141.911.020)	437.46	41.58
15451-0097		Countertop Lavatories (15451-0088)		
15451-0098	EA	20" x 18" Vitreous China Countertop Lavatory (American Standard 0498.400)	355.56	50.28
15451-0099	EA	19" Diameter Enameled Steel Countertop Lavatory (American Standard 3409.001)	366.47	50.28
15451-0100	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler K-2905-4)	343.72	50.28
15451-0101	EA	22" x 19" Enameled Cast Iron Countertop Lavatory (Kohler K-2929-4)	442.45	54.30
15451-0102	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler K-2907-4)	475.92	58.34
15451-0103		Pedestal Lavatories (15451-0088)		
15451-0104	EA	19" x 21" x 34" High Vitreous China Pedestal Sink (American Standard 0115.404)	355.22	119.48
15451-0105		Circular Wash Fountain, Deep Bowl (15451-0088)		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
15451-0106	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls	4,465.53	108.76
	15MOD-0313	For Metal Soap Dispenser, Add	100.00	
	15MOD-0314	For Stainless Steel Pedestal Panels, Add	100.00	
15451-0107	EA	36" Precast Terrazzo Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls	3,276.99	108.76
	15MOD-0313	For Metal Soap Dispenser, Add	100.00	
	15MOD-0314	For Stainless Steel Pedestal Panels, Add	100.00	
15451-0108	EA	36" Molded Fiberglass Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls	4,775.60	108.76
	15MOD-0313	For Metal Soap Dispenser, Add	100.00	
	15MOD-0314	For Stainless Steel Pedestal Panels, Add	100.00	
15451-0109	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls	5,678.86	124.30
	15MOD-0313	For Metal Soap Dispenser, Add	100.00	
	15MOD-0314	For Stainless Steel Pedestal Panels, Add	100.00	
15451-0110	EA	54" Precast Terrazzo Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls	3,781.99	124.30
	15MOD-0313	For Metal Soap Dispenser, Add	100.00	
	15MOD-0314	For Stainless Steel Pedestal Panels, Add	100.00	



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15451-0111	EA 54" Molded Fiberglass Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	6,820.91 100.00 100.00	124.30
15451-0112	Semi-Circular Wash Fountain, Deep Bowl (15451-0088) Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
15451-0113	EA 36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls..... 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	3,893.91 100.00 100.00	93.23
15451-0114	EA 36" Precast Terrazzo Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls..... 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	2,992.28 100.00 100.00	93.23
15451-0115	EA 36" Molded Fiberglass Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls..... 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	4,313.88 100.00 100.00	93.23
15451-0116	EA 54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls..... 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	4,920.08 100.00 100.00	108.76
15451-0117	EA 54" Precast Terrazzo Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls..... 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	3,611.83 100.00 100.00	108.76
15451-0118	EA 54" Molded Fiberglass Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls..... 15MOD-0313 For Metal Soap Dispenser, Add 15MOD-0314 For Stainless Steel Pedestal Panels, Add	5,132.57 100.00 100.00	108.76
15451-0119	Culture Marble Lavatory Vanity (15451-0088) Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular.		
15451-0120	EA 17" x 20" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	104.74 7.87	38.79
15451-0121	EA 18" x 24" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	138.95 13.30	46.55
15451-0122	EA 18" x 30" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	157.32 16.83	49.65
15451-0123	EA 18" x 36" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	172.89 19.55	52.76
15451-0124	EA 19" x 25" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	143.63 14.66	46.55
15451-0125	EA 19" x 31" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	160.12 17.65	49.65
15451-0126	EA 19" x 37" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	174.75 20.09	52.76
15451-0127	EA 19" x 43" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	201.26 26.87	54.30
15451-0128	EA 19" x 49" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	223.11 32.31	55.86
15451-0129	EA 22" x 25" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	162.35 20.09	46.55
15451-0130	EA 22" x 31" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	191.94 26.87	49.65
15451-0131	EA 22" x 37" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	207.51 29.59	52.76
15451-0132	EA 22" x 43" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	225.60 33.93	54.30
15451-0133	EA 22" x 49" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	240.89 37.46	55.86
15451-0134	EA 22" x 55" Culture Marble Vanity Top..... 15MOD-0312 For Colored Fixtures, Add	249.81 38.25	58.96
15451-0135	Solid Surface Multi-Station Lavatory Systems (15451-0088) Note: ADA compliant. Includes integral faucets.		
15451-0136	EA 2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)..... 15MOD-0687 For Integral Liquid Soap Dispenser, Add 15MOD-0688 For Integral Photovoltaic Power Panels, Add	3,194.88 171.00 563.00	93.23
15451-0137	EA 3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)..... 15MOD-0687 For Integral Liquid Soap Dispenser, Add 15MOD-0689 For Integral Photovoltaic Power Panels, Add	4,671.82 171.00 657.00	93.23
15451-0138	EA 12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	223.43	31.08
15451-0139	EA 18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	274.43	31.08
15451-0140	EA 36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	534.14	31.08
15451-0141	Sinks (15451-0001) Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 15451-0265 for faucets.		
15451-0142	Kitchen Sinks (15451-0141)		
15451-0143	EA 25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler K-5964-4).....	409.40	58.34
15451-0144	EA 21" x 32" x 7" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler K-5942-3)	516.12	66.41
15451-0145	EA 15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	465.21	57.10
	15MOD-0315 For 18 Gauge, Add	116.23	

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15451-0146	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722).....	478.26	57.10
		15MOD-0315 For 18 Gauge, Add	122.76	
15451-0147	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222).....	507.10	57.10
		15MOD-0315 For 18 Gauge, Add	137.18	
15451-0148	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522).....	533.08	58.34
		15MOD-0315 For 18 Gauge, Add	146.45	
15451-0149	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122).....	681.74	66.41
		15MOD-0315 For 18 Gauge, Add	208.93	
15451-0150	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321).....	701.57	66.41
		15MOD-0315 For 18 Gauge, Add	218.73	
15451-0151	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710).....	671.89	57.10
15451-0152	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210).....	686.31	57.10
15451-0153	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210).....	722.01	57.10
15451-0154	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210).....	771.34	58.34
15451-0155	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210).....	941.29	66.41
15451-0156		Combination Tray And Sink (15451-0141)		
15451-0157	EA	Combination Tray And Sink, Counter Top, Enameled Cast Iron.....	597.93	99.93
15451-0158	EA	Combination Tray And Sink, Leg Support, Enameled Cast Iron.....	796.51	99.93
15451-0159		Multi-Station Wash Sink, Wall Mounted (15451-0141)		
		Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
15451-0160	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink.....	1,184.54	100.86
15451-0161	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink.....	1,573.96	108.62
15451-0162	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink.....	1,805.87	116.37
15451-0163	EA	72" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink.....	1,971.55	124.13
15451-0164	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink.....	1,843.86	77.59
15451-0165	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink.....	2,047.73	85.34
15451-0166	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink.....	2,251.61	93.10
15451-0167	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink.....	2,497.38	104.73
15451-0168		Laundry Sinks (15451-0141)		
15451-0169	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1).....	348.63	66.41
15451-0170	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II).....	429.05	66.41
15451-0171	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1).....	353.47	66.41
15451-0172	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210).....	828.37	66.41
15451-0173	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220).....	1,330.91	74.48
15451-0174		Refinish Sink/Lavatory (15451-0141)		
15451-0175	EA	Refinish Sink/Lavatory.....	153.56	
15451-0176		Combination Sink And Drinking Fountain (15451-0141)		
15451-0177	EA	5' x 2'-1" x Adjustable 29"-32" Height, Combination Sink.....	947.99	77.59
		Note: Drinking Fountain With Bubbler, Deck Mounted Soap Dispenser And Single Lever Faucet		
15451-0178		Service Sinks (15451-0141)		
15451-0179	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard 7692.000).....	675.34	99.93
15451-0180	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard 7695.000).....	716.40	99.93
15451-0181	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard "Florwell" 7741.000).....	918.26	132.20
15451-0182	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F).....	358.67	93.10
15451-0183	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424).....	425.28	93.10
15451-0184	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624).....	474.25	111.72
15451-0185	EA	72" x 18" Enameled Cast Iron Wall Mount Wash Sink (Kohler K-3204).....	1,816.48	163.23
15451-0186		Stainless Steel Fixtures (Commercial Grade) (15451-0001)		
		Note: Fixtures do not include flush valves or faucets unless stated otherwise.		
15451-0187	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS).....	1,390.94	139.65
15451-0188	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS).....	1,395.57	139.65
15451-0189	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1).....	962.00	108.62
15451-0190	EA	24" x 24" Stainless Steel Sink With One Compartment And Drainboard , 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L).....	3,198.06	155.16
15451-0191	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1).....	1,975.67	139.65
15451-0192	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C).....	2,523.21	170.68
15451-0193	EA	27" Diameter 2 Person Wash Fountain, Stainless Steel, Sensor Operated.....	1,954.87	170.68
15451-0194		Tub And Shower Combinations (15451)		
15451-0195		Acrylic Tub And Shower Combination (15451-0194)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15451-0196	EA 3 Piece, 62" x 30-1/2" x 88" Domed Acrylic Tub And Shower (Crane Plumbing A 6031.21) <i>15MOD-0316 For 2 Piece Enclosure, Deduct</i>	1,155.30 -244.53	67.12
15451-0197	EA 1 Piece, 59-7/8" x 34-1/2" x 79-5/8" Acrylic Tub And Shower (Aqua Glass 626036E)..... <i>15MOD-0316 For 2 Piece Enclosure, Deduct</i>	897.34 -192.93	67.12
15451-0198	Fiberglass Tub And Shower Combination <small>(15451-0194)</small>		
15451-0199	EA 1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Lasco 2603-SG).....	710.47	67.12
15451-0200	EA 2 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Lasco 2603-N2P).....	554.07	44.75
15451-0201	EA 4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Lasco 26030-4P).....	958.93	101.31
15451-0202	Fixture And/Or Trim Replacement <small>(15451)</small> Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 15451-0265 for faucet replacement installation and demolition prices.		
15451-0203	EA 3/8" To 1/2" Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube.....	37.44	
15451-0204	EA Chrome Supply Lines To Sink/Lavatory Replacement, Pair	18.88	
15451-0205	EA Single Bowl Sink/Lavatory Drain Line Replacement	25.62	
15451-0206	EA Double Bowl Sink/Lavatory Drain Line Replacement.....	40.40	
15451-0207	EA Braided Stainless Steel, Compression x FIP, Supply Lines To Sink/Lavatory Replacement	13.57	
15451-0208	EA Shower Head, Polished Chrome, Replacement.....	30.78	
15451-0209	EA Shower Arm Replacement	23.13	
15451-0210	EA Shower Head Replacement	23.14	
15451-0211	EA Shower Knob Replacement	21.94	
15451-0212	EA Hand Held Shower Replacement, ADA	52.50	
15451-0213	EA Shower and Tub Control Trim Replacement..... Note: Excludes balancing valve.	60.89	
15451-0214	EA Sink Basket Strainer Replacement	14.53	
15451-0215	EA Sink Drain Without Stopper, 1-1/2" Replacement	8.29	
15451-0216	EA Sink Drain Without Stopper, 4-1/2" Replacement	8.65	
15451-0217	EA Sink Drain With Stopper, 1-1/2" Replacement	8.29	
15451-0218	EA 1" Sink Rubber Stopper Replacement	6.07	
15451-0219	EA Sink Tailpiece Extension 1-1/2" x 8" Replacement	15.01	
15451-0220	EA Sink Trap, Adjustable, 1-1/2" Replacement	23.57	
15451-0221	EA Lavatory Pop-Up Rod Replacement	17.40	
15451-0222	EA Lavatory Pop-up Drain Stopper Replacement	19.12	
15451-0223	EA Faucet Handle Replacement	21.23	
15451-0224	EA Faucet O-Ring Replacement	15.80	
15451-0225	EA 1-1/2" Faucet Hole Cover	10.91	
15451-0226	EA Toilet Ballcock Replacement.....	25.36	
15451-0227	EA Toilet Bowl Ring, Flat Wax, Replacement..... Note: Excludes removal of toilet.	4.76	
15451-0228	EA Toilet Tank Replacement.....	108.43	
15451-0229	EA Toilet Bowl, 10" Replacement.....	126.19	
15451-0230	EA Toilet Bowl, 10", Watersaver, Replacement.....	139.14	
15451-0231	EA Toilet Bowl, 12", Replacement.....	151.64	
15451-0232	EA Toilet Bowl, Elongated, 18", Replacement.....	130.55	
15451-0233	EA Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement	13.99	
15451-0234	EA Toilet Flapper With Chain Replacement	12.17	
15451-0235	EA Toilet Flush Tank Lever Replacement	12.48	
15451-0236	EA Elongated Toilet Seat With Lid Replacement.....	79.27	
15451-0237	EA Elongated Toilet Seat Without Lid Replacement.....	44.90	
15451-0238	EA Handicap Toilet Seat Replacement, Complete With Rails.....	116.16	
15451-0239	EA Diverter Tub Spout Replacement.....	33.52	
15451-0240	EA Tub Spout Replacement	23.99	
15451-0241	EA 2" Tub Stopper, Replacement.....	6.82	
15451-0242	EA Tub Waste/Overflow Replacement	50.34	
15451-0243	EA Tub Stem Bonnet Assembly Replacement	23.31	
15451-0244	EA Faucet Bonnet Replacement	26.84	
15451-0245	EA Faucet Diverter Stem Replacement	16.41	
15451-0246	EA Faucet Diverter Stem And Bonnet Replacement	22.35	
15451-0247	EA Faucet Spout Replacement	26.62	
15451-0248	EA Faucet Stem Replacement	18.97	
15451-0249	EA Chrome Plated Plastic Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement	118.22	
15451-0250	EA Chrome Plated Brass Drinking Fountain Bubbler Valve Replacement	148.11	
15451-0251	EA Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement	90.74	
15451-0252	Removal And Reinstallation Of Fixtures And Trim <small>(15451)</small> Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
15451-0253	EA Remove And Reinstall Wall Hung Water Closet With Tank	287.65	
15451-0254	EA Remove And Reinstall Wall Hung Water Closet With Flush Valve	287.65	
15451-0255	EA Remove And Reinstall Floor Mount Water Closet With Tank	222.14	
15451-0256	EA Remove And Reinstall Floor Mount Water Closet With Flush Valve.....	222.14	
15451-0257	EA Remove And Reinstall Wall Hung Urinal With Flush Valve.....	291.76	
15451-0258	EA Remove And Reinstall Wall Hung Lavatory With Faucet	187.46	
15451-0259	EA Remove And Reinstall Wall Hung Service Sink With Faucet.....	255.18	
15451-0260	EA Remove And Reinstall Wall Hung Water Cooler.....	303.42	
15451-0261	EA Remove And Reinstall Flush Valve.....	84.27	
15451-0262	EA Remove And Reinstall Faucet	53.93	
15451-0263	EA Remove And Reinstall Shower Head.....	30.34	

15000 Mechanical
15450 Plumbing Fixtures And Trim
15451 Plumbing Fixtures And Trim



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15451-0264	EA	Remove And Reinstall Floor Mount Water Cooler	67.42	
15451-0265		Commercial Faucets (15451)		
15451-0266		Kitchen Faucets (15451-0265)		
15451-0267	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish, Delta 140-WF	118.43	31.03
15451-0268	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish, Delta 440-WF	134.76	31.03
15451-0269	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish, Delta Brilliance 140-SSWF	148.96	31.03
15451-0270	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish, Delta Brilliance 440-SSWF	165.61	31.03
15451-0271	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles, Delta 2102-LHP+H24	108.20	31.03
15451-0272	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles, Delta 2402-LHP+H24	120.58	31.03
15451-0273	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles, Delta 2176-LHP+H24	151.17	31.03
15451-0274	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles, Delta 2476-LHP+H24	171.43	31.03
15451-0275	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish, Delta 101-WF	107.97	31.03
15451-0276	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish, Delta 175-WF	128.06	31.03
15451-0277	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles, Delta 2274-LHP+H24	212.14	31.03
15451-0278	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles, Delta 2276-LHP+H24	232.42	31.03
15451-0279	EA	Wall Mount Kitchen Faucet, Two Handle, 11" Long Swing Spout, Delta 28T6943	183.72	31.03
15451-0280	EA	Wall Mount Kitchen Faucet, 8" Center, With 14" Double Joint Spout, Delta 28T4433	161.86	31.03
15451-0281	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 CP)	206.93	33.70
15451-0282	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	202.62	33.70
15451-0283		Lavatory Faucets (15451-0265)		
15451-0284	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle, Delta 501-WF	97.30	22.34
15451-0285	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles, Delta 2521-LHP+H25	120.22	22.34
15451-0286	EA	4" Centerset Lavatory Gooseneck Faucet With Chrome Lever Handles, Delta 2530-LHP+H24	131.65	22.34
15451-0287	EA	Widespread Lavatory Faucet With Chrome Lever Handles, Delta 3543-LHP+H24	161.17	22.34
15451-0288	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles, Delta 3530-LHP+H24	187.40	22.34
15451-0289	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle, Delta 86T104	110.48	22.34
15451-0290	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	155.27	22.34
15451-0291	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	142.20	23.86
15451-0292	EA	Easy-Push Metering Faucet Wash-Up Fitting (Speakman S-4123)	135.41	22.34
15451-0293	EA	Easy-Push Metering 4" Centerset Faucet (Speakman S-4141-LD)	224.02	22.34
15451-0294	EA	Easy-Push Metering Widespread Faucet (Speakman S-4171-LD)	286.12	22.34
15451-0295	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	79.76	22.34
15451-0296	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	117.14	22.34
15451-0297	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	115.24	22.34
15451-0298		Bath And Shower Faucets (15451-0265)		
15451-0299	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	122.31	26.93
15451-0300	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	138.34	26.93
15451-0301	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	151.41	26.93
15451-0302	EA	Two Lever Handle, Chrome Tub Filler (American Standard 3275.505)	111.61	26.93
		15MOD-0317 For Faucet With Metal Cross Handles, Add	45.75	
15451-0303	EA	Two Lever Handle, Chrome Shower Only (American Standard 3275.501)	112.52	26.93
		15MOD-0317 For Faucet With Metal Cross Handles, Add	45.75	
15451-0304	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard 3275.502)	127.65	26.93
		15MOD-0317 For Faucet With Metal Cross Handles, Add	45.75	
15451-0305	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard 3375.502)	143.09	26.93
		15MOD-0317 For Faucet With Metal Cross Handles, Add	45.75	
15451-0306		Service Sink Faucets (15451-0265)		
15451-0307	EA	3" Spout, Wall Mount Service Sink Faucet, Lever Handles, American Standard 8340.235	176.18	51.67
15451-0308	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles, American Standard 8340.243	195.19	51.67
15451-0309	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles, American Standard 8344.112	213.60	51.67
15451-0310	EA	6" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles, American Standard 8345.101	296.90	72.43
15451-0311	EA	6" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles, American Standard 8345.110	332.60	82.55
15451-0312	EA	8" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles, American Standard 8345.119	346.26	82.55
15451-0313	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-LCP)	408.42	82.55
15451-0314		Laboratory Faucets And Fittings (15451-0265)		
15451-0315	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	112.29	21.97
15451-0316	EA	Hot And Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 929)	183.02	31.03
15451-0317	EA	Hot And Cold Faucet With Vacuum Breaker, Single Deck Mount Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 930)	237.88	31.03
15451-0318	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	146.52	28.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15451-0319 EA Hot And Cold Wall Mount, 6" Spout With Aerator, Laboratory Faucet (Chicago Faucet 940).....	201.67	41.34
15451-0320 EA Hot And Cold Wall Mount, 6" Spout With Aerator And Vacuum Breaker, Laboratory Faucet (Chicago Faucet 940-VBE7-CP).....	268.22	41.34
15451-0321 EA Hot And Cold Faucet, Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 946).....	214.24	31.03
15451-0322 EA Hot And Cold Wall Mount, Gooseneck Spout With Aerator Laboratory Faucet (Chicago Faucet 942).....	211.93	41.34
15451-0323 EA Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP).....	134.54	23.86
15451-0324 EA Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP).....	188.92	33.70
15451-0325 EA Deck Mount Lavatory Faucet, 4" Center Set, Lever Handles (Chicago Faucet 802).....	149.12	33.70
15451-0326 EA Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 895-317CP).....	178.15	33.70
15451-0327 EA Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP).....	176.64	33.70
15451-0328 EA Gas Ball Valve, Removable Nozzle, Less Index Button (Chicago Faucet 909-LESS216-28CP).....	51.76	20.73
15451-0329 EA Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP).....	49.98	20.73
15451-0330 EA Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP).....	295.80	37.24
15451-0331 EA Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP).....	295.80	37.24
15451-0332 EA Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP).....	374.87	37.24
15451-0333 EA Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP).....	333.27	37.24
15451-0334 EA Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM).....	452.02	37.24
15451-0336 Bubblers And Glass Fillers (15451-0265)		
15451-0337 EA Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP).....	190.40	21.97
15451-0338 EA Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP).....	113.58	28.98
15451-0339 EA 7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP).....	131.90	21.97
15451-0340 EA Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP).....	125.21	31.49
15451-0341 EA Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF).....	164.42	23.86
15451-0342 EA Self Closing Lever Handle Drinking Bubbler, 1/2" IPS (Haws 5057LF).....	241.63	23.86
15451-0343 EA Push Button Bubbler, 1/2" OD (Haws 5017LF).....	164.42	23.86
15451-0344 EA Push Button Bubbler, 3/8" NPT (Haws 5010-6427).....	173.65	23.86
15451-0345 Electronic Infrared Sensor Faucets (15451-0265)		
15451-0346 EA Electronic Lavatory Faucet (American Standard 6055.205.002).....	357.34	51.76
15MOD-0318 For Faucet With Temperature Control, Add	40.00	
15451-0347 EA Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002).....	360.30	51.76
15MOD-0318 For Faucet With Temperature Control, Add	40.00	
15451-0348 EA Electronic Gooseneck Faucets (Chicago Faucet 116.103.AB.1).....	491.51	56.23
15451-0349 EA Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1).....	490.75	51.76
15451-0350 Foot And Knee Control (15451-0265)		
15451-0351 EA Single Supply Metering Pedal Valve (Chicago Faucet 628).....	238.49	82.79
15451-0352 EA Double Supply Metering Pedal Valve (Chicago Faucet 625).....	278.62	82.79
15451-0353 EA Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP).....	587.96	82.79
15451-0354 Medical Fixtures (15451)		
15451-0355 Surgical Sinks (15451-0354)		
15451-0356 EA Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S Model B-0322-04).....	216.20	45.56
15451-0357 EA Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S Model B-0323-04).....	207.65	45.56
15451-0358 Centerset Medical (15451-0354)		
15451-0359 EA Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S Model B-0865-04).....	233.94	45.56
15451-0360 EA Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S Model B-0866-04).....	244.07	45.56
15451-0361 EA Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S Model B-0867-04).....	227.60	45.56
15451-0362 Bedpan Washer (15451-0354)		
15451-0363 EA Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum breaker, Wall Hook Hose Connection, PVC Hose (T&S Model B-0675).....	657.88	82.79
15451-0364 EA Pedal Valve Bed Pan Washer With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray PVC Hose (T&S Model B-0676).....	625.88	82.79
15451-0365 EA Self Closing Single Pedal Valve Bed Pan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection PVC Hose (T&S Model B-0685).....	583.12	82.79
15451-0366 EA Single Pedal Valve Bed Pan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, PVC Hose, Extended Spray (T&S Model B-0686).....	559.63	82.79
15451-0367 Residential Faucets (15451)		
15451-0368 Kitchen Faucets (15451-0367)		
15451-0369 EA Chrome Single Handle Kitchen Faucet (Delta Model 100WF).....	107.78	31.03

15000 Mechanical**15450 Plumbing Fixtures And Trim****15451 Plumbing Fixtures And Trim**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15451-0370 EA Chrome Single Handle Kitchen Faucet With Spray (Delta Model 400WF).....	123.59	31.03
15451-0371 EA Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta Model 300WF).....	123.59	31.03
15451-0372 EA Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta Model 2102-LHP+H215)	119.22	31.03
15451-0373 EA Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta Model 2402-LHP+H215).....	127.71	31.03
15451-0374 Lavatory Faucets <small>(15451-0367)</small>		
15451-0375 EA Chrome Single Acrylic Handle Bath Faucet (Delta Model 502WF)	97.30	22.34
15MOD-0319 For Faucet With Brass Pop-Up, Add	11.00	
15451-0376 EA Chrome Single Lever Handle Bath Faucet (Delta Model 500WF).....	97.30	22.34
15MOD-0319 For Faucet With Brass Pop-Up, Add	11.00	
15451-0377 EA Chrome Two Handle Bath Faucet With Acrylic Handles (Delta Model 2502).....	74.07	22.34
15MOD-0320 For Faucet With Brass Pop-Up, Add	16.50	
15MOD-0321 For Faucet With Plastic Pop-Up, Add	14.00	
15451-0378 Bath And Shower Faucets <small>(15451-0367)</small>		
15451-0379 EA Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501).....	118.75	26.93
15MOD-0323 For Faucet With Polished Nickel Or Brass Finish, Add	25.00	
15451-0380 EA Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502).....	146.07	26.93
15MOD-0323 For Faucet With Polished Nickel Or Brass Finish, Add	25.00	
15451-0381 EA Two-Knob Handle Chrome Shower Only, Ceramic Valving (American Standard 3275.301)	106.27	26.93
15MOD-0322 For Faucet With Polished Nickel Or Brass Finish, Add	75.00	
15MOD-0324 For Faucet With Lever Handles, Add	8.10	
15451-0382 EA Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3275.302)	119.93	26.93
15MOD-0322 For Faucet With Polished Nickel Or Brass Finish, Add	75.00	
15MOD-0324 For Faucet With Lever Handles, Add	8.10	
15451-0383 EA Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3375.302).....	131.81	26.93
15MOD-0322 For Faucet With Polished Nickel Or Brass Finish, Add	75.00	
15MOD-0324 For Faucet With Lever Handles, Add	8.10	
15451-0384 EA Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602).....	141.80	16.86
15451-0385 Laundry Faucets <small>(15451-0367)</small>		
15451-0386 EA Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123).....	84.27	19.82
15451-0387 Laundry/Wash Basin Faucets <small>(15451-0367)</small>		
15451-0388 EA Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121).....	84.93	19.82
15451-0389 EA Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121+RP25695)	119.64	21.84
15451-0390 Other Faucets <small>(15451-0367)</small>		
15451-0391 EA Sillcock, Compact, Brass, IPS Or Copper To Hose	19.12	5.06
15451-0392 Other Trim <small>(15451)</small>		
15451-0393 EA Lavatory Drainline Guard And Shutoff Covers	60.03	9.31
15451-0394 EA Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	10.81	3.37
15451-0395 EA 1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP).....	61.41	10.11
15451-0396 EA Basket Strainer Assembly (American Standard 055781-0070A).....	27.06	8.43
15451-0397 EA 1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	27.86	8.43
15451-0398 EA 1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	59.25	8.43
15451-0399 EA 1-1/4" Chrome Plated Cast P-Trap With Or Without Cleanout.....	80.86	17.62
15451-0400 EA 1-1/2" Chrome Plated Cast P-Trap With Or Without Cleanout.....	82.38	18.62
15451-0401 EA 1-1/2" Cast Brass P-Trap With Cleanout.....	137.07	18.62
15451-0402 Chemical Toilets <small>(15451)</small>		
Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
15451-0403 Standard Chemical Toilets <small>(15451-0402)</small>		
15451-0404 Small Tank Chemical Toilets <small>(15451-0403)</small>		
15451-0405 EA Chemical Toilet, Small Tank 7000 Uses/Year.....	2,630.74	620.65
15MOD-0325 For Extra Urinal, Add	89.29	
15451-0406 Medium Tank Chemical Toilets <small>(15451-0403)</small>		
15451-0407 EA Chemical Toilet, Medium Tank 13000 Uses/Year	3,123.36	739.20
15MOD-0325 For Extra Urinal, Add	105.45	
15451-0408 Large Tank Chemical Toilets <small>(15451-0403)</small>		
15451-0409 EA Chemical Toilet, Large Tank 28000 Uses/Year	3,884.49	838.50
15MOD-0325 For Extra Urinal, Add	153.86	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15452 Carriers <small>(15450)</small>		
15452-0001 Fixture Carriers <small>(15452)</small>		
15452-0002 Closet Carrier Coated Cast Iron Hub And Spigot <small>(15452-0001)</small>		
Note: Vertical fitting with extension and chrome plated trim.		
15452-0003 EA Single Closet Carrier, Cast Iron, Hub And Spigot, Vertical Fitting With Extension And Chrome Plated Trim	474.65	32.58
15452-0004 EA Double Closet Carrier, Cast Iron, Hub And Spigot, Vertical Fitting With Extension And Chrome Plated Trim	789.62	48.10
15452-0005 Lavatory Carrier Floor Mounted <small>(15452-0001)</small>		
Note: With concealed arms leveling and securing screws tubular uprights and block bases.		
15452-0006 EA Single Lavatory Carrier, Floor Mounted, Concealed Arms With Tubular Uprights And Block Bases	332.98	23.59
15452-0007 EA Double Lavatory Carrier, Floor Mounted, Concealed Arms With Tubular Uprights And Block Bases	476.81	34.51
15452-0008 Sink Carrier Floor Mounted <small>(15452-0001)</small>		
Note: With hanger plate adjustable rods acid-resisting porcelain enameled arms securing screws tubular uprights block base and chrome plated trim		
15452-0009 EA Single Sink Carrier, Floor Mounted With Hanger Plate	387.32	23.59
15452-0010 Cooler Carrier Floor Mounted <small>(15452-0001)</small>		
Note: With hanger plate adjustable supporting rods tubular uprights and block bases.		
15452-0011 EA Single Universal Carrier, Floor Mounted, Adjustable Rods With Tubular Uprights And Block Bases	269.59	23.59
15452-0012 Urinal Carrier Floor Mounted <small>(15452-0001)</small>		
Note: With support plate adjustable fixture bolts structural uprights block bases and chrome plated trim.		
15452-0013 EA Single Urinal Carrier, Floor Mounted With Support Plate	269.59	23.59
15453 Drinking Fountains <small>(15450)</small>		
15453-0001 Indoor Drinking Fountains <small>(15453)</small>		
15453-0002 Face Mounted Indoor Drinking Fountain <small>(15453-0001)</small>		
15453-0003 EA Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,367.88	100.86
15453-0004 EA Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	1,634.33	108.62
15453-0005 EA Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	1,549.51	100.86
15453-0006 EA Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	1,661.54	108.62
15453-0007 EA Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFBS)	895.80	100.86
15453-0008 EA Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFBSBP)	1,068.37	108.62
15453-0009 EA Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	972.14	100.86
15453-0010 EA Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,089.44	108.62
15453-0011 Wall Mounted Indoor Drinking Fountain <small>(15453-0001)</small>		
15453-0012 EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	919.20	108.62
15453-0013 Semi-Recessed Indoor Drinking Fountain <small>(15453-0001)</small>		
15453-0014 EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,253.24	116.37
15453-0015 EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	2,772.14	116.37
15453-0016 Fully Recessed Indoor Drinking Fountain <small>(15453-0001)</small>		
15453-0017 EA Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,340.71	124.13
15453-0018 EA Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	2,505.99	124.13
15453-0019 Countertop Indoor Drinking Fountain <small>(15453-0001)</small>		
15453-0020 EA Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	540.37	77.59
15453-0021 EA Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	518.43	77.59
15453-0022 EA Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	638.65	77.59
15453-0023 Bowl And Bracket Indoor Drinking Fountain <small>(15453-0001)</small>		
15453-0024 EA Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	371.90	77.59

15000 Mechanical
15450 Plumbing Fixtures And Trim
15453 Drinking Fountains



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15453-0025	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540).....	492.11	77.59
15453-0026		Multi-Station Indoor Drinking Fountain (15453-0001)		
15453-0027	EA	Stainless Steel Two Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020).....	2,606.90	124.13
15453-0028	EA	Stainless Steel Three Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030).....	2,847.33	124.13
15453-0029	EA	Marblyte, Face-Mounted Two Station Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120).....	2,173.43	124.13
15453-0030	EA	White Enameled Iron Two Station Indoor Drinking Fountains With Bubblers (Haws 1430).....	1,775.06	124.13
15453-0031	EA	White Enameled Iron Three Station Indoor Drinking Fountains With Bubblers (Haws 1435).....	2,277.85	124.13
15453-0032	EA	Stainless Steel, Bi-Level Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4).....	1,955.20	158.34
15453-0033	EA	Cast Aluminum Two Station Indoor Drinking Fountains With Bubblers (Haws 1441).....	2,537.29	124.13
15453-0034	EA	Cast Aluminum Three Station Indoor Drinking Fountains With Bubblers (Haws 1408).....	2,678.86	124.13
15453-0035		Outdoor Drinking Fountains (15453)		
15453-0036		Face Mounted (15453-0035)		
15453-0037	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR).....	1,481.98	124.13
15453-0038	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR).....	1,582.89	124.13
15453-0039	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592).....	1,167.85	124.13
15453-0040	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR).....	1,615.36	124.13
15453-0041		Free Standing (15453-0035)		
15453-0042	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715).....	2,155.28	116.37
15453-0043	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR).....	3,048.54	116.37
15453-0044	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710).....	2,275.49	116.37
15453-0045	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR).....	3,168.75	116.37
15453-0046	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720).....	3,284.31	124.13
15453-0047	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR).....	4,731.25	124.13
15453-0048	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591).....	1,189.18	116.37
15453-0049	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590).....	2,091.22	116.37
15453-0050	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR).....	2,985.36	116.37
15453-0051	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595).....	3,200.07	124.13
15453-0052	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR).....	4,558.39	124.13
15454		Water Coolers And Remote Chillers (15450)		
15454-0001		Indoor Water Coolers (15454)		
15454-0002		Face Mounted Indoor Water Coolers (15454-0001)		
15454-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q).....	2,558.64	124.13
15454-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q).....	2,732.38	124.13
15454-0005		Wall Mounted Indoor Water Coolers (15454-0001)		
15454-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q).....	970.42	124.13
15454-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q).....	1,009.03	124.13
15454-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q).....	1,123.98	124.13
15454-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS).....	1,147.67	124.13
15454-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA).....	839.32	124.13
15454-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS).....	1,032.72	124.13
15454-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS).....	941.46	124.13
15454-0013		Simulated Recessed Indoor Water Coolers (15454-0001)		
15454-0014	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q).....	1,452.15	124.13
15454-0015		Fully Recessed Indoor Water Coolers (15454-0001)		
15454-0016	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q).....	2,397.48	139.65
15454-0017	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762).....	3,546.97	139.65
15454-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700).....	4,167.34	139.65



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15454-0019		Free Standing Indoor Water Coolers (15454-0001)		
	15454-0020	EA Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q).....	968.33	108.62
	15454-0021	EA Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q).....	1,006.94	108.62
	15454-0022	EA Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q).....	1,122.77	108.62
	15454-0023	EA Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q).....	1,312.30	108.62
15454-0024		Bottled Water Coolers (15454-0001)		
	15454-0025	EA Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	388.54	62.07
	15454-0026	EA Free-Standing Bottled Water Cooler With Chilled Or Hot Water.....	472.78	62.07
15454-0027		Multi-Station Indoor Water Coolers (15454-0001)		
	15454-0028	EA Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,549.71	186.20
	15454-0029	EA Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q).....	3,716.43	186.20
	15454-0030	EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS).....	1,649.11	186.20
	15454-0031	EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS).....	1,573.65	186.20
15454-0032		Outdoor Water Coolers (15454)		
15454-0033		Wall Mounted Outdoor Water Coolers (15454-0032)		
	15454-0034	EA Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,282.71	77.59
	15454-0035	EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,060.15	77.59
15454-0036		Free Standing Outdoor Water Coolers (15454-0032)		
	15454-0037	EA Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q).....	1,727.07	116.37
	15454-0038	EA Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	2,072.79	116.37
15454-0039		Remote Chillers (15454)		
	15454-0040	EA 1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q).....	690.12	41.89
	15454-0041	EA 5 GPH Remote Chiller (Halsey-Taylor SJ5-Q).....	1,055.68	46.55
	15454-0042	EA 8 GPH Remote Chiller (Halsey-Taylor SJ8-Q).....	830.78	54.30
	15454-0043	EA 10 GPH Remote Chiller (Halsey-Taylor SJ10-Q).....	1,183.24	62.07
	15454-0044	EA 19 GPH Remote Chiller (Halsey-Taylor SJ19-Q).....	1,677.90	93.10
	15454-0045	EA 30 GPH Remote Chiller (Halsey-Taylor SJ30-Q).....	2,126.89	100.86
15457 Showers (15450)				
15457-0001		Commercial Shower Fixture Valves And Heads (15457)		
		See CSI section 15451-0378 for residential shower valves and heads.		
	15457-0002	EA Surface Mounted Shower Head With By Pass Valve (Powers 141-337 with 141-701).....	264.94	41.89
	15457-0003	EA Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319).....	341.65	41.89
	15457-0004	EA Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	503.91	41.89
	15457-0005	EA Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP).....	349.29	41.89
	15457-0006	EA Senior Institutional Shower Head; Symmons #4-150.....	125.27	26.93
	15457-0007	EA Universal Institutional Shower Head; Symmons #4-151	220.88	26.93
	15457-0008	EA Fre-Flo Institutional Shower Head; Symmons #4-295	145.50	26.93
	15457-0009	EA Fre-Flo Institutional Shower Head With Short Arm; Symmons #4-385	117.66	26.93
	15457-0010	EA Pressure-Balancing Mixing Valve With Lever Handle; Symmons # S-15-1-X.....	220.75	40.34
	15457-0011	EA Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer; Symmons # 96-300-B30-V-X.....	433.53	40.34
	15457-0012	EA Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer; Symmons # 96-400-B30-V-X.....	403.63	46.55
	15457-0013	EA Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer; Symmons # 96-500-B30-V-X.....	519.71	46.55
	15457-0014	EA Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer; Symmons # 96-600-B30-V-X.....	529.17	49.65
15457-0015		Emergency Shower, Eye/Face Wash (15457)		
15457-0016		Emergency Shower (15457-0015)		
		Note: Includes one pull rod.		
	15457-0017	EA Emergency Shower, Vertically Mounted (Speakman SE-220).....	337.21	99.30
	15457-0018	EA Emergency Shower, Horizontally Mounted (Speakman SE-227).....	405.88	99.30

15000 Mechanical
15450 Plumbing Fixtures And Trim
15457 Showers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15457-0019 EA Emergency Shower, Floor Mounted (Speakman SE-253)	791.13	155.16
15457-0020 Emergency Eye/Face Wash (15457-0015)		
15457-0021 EA Emergency Eye/Face Wash, Wall Mounted (Speakman SE-495)	389.39	93.10
15457-0022 EA Emergency Eye/Face Wash, Floor Mounted (Speakman SE-496)	648.53	155.16
15457-0023 Emergency Shower With Eye/Face Wash (15457-0015)		
15457-0024 EA Emergency Shower With Eye/Face Wash, Floor Mounted (Speakman SE-695)	819.87	155.16
15457-0025 Emergency Shower Accessories (15457-0015)		
15457-0026 EA Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	520.78	489.74
15457-0027 EA Concealed Thermostatic Control Valve (Powers #T426)	182.00	41.89
15457-0028 Shower Enclosures (15457)		
Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
15457-0029 Stainless Steel Shower Enclosure (15457-0028)		
15457-0030 EA 36" x 36" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening (Crane Plumbing, Fiat S86 Commander)	2,567.03	100.11
15457-0031 EA 36" x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Walk Through (Crane Plumbing, Fiat S91 Commander)	2,567.03	100.11
15457-0032 EA 37" x 37" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Corner Opening (Crane Plumbing, Fiat S92 Commander)	2,567.03	100.10
15457-0033 EA 38" x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening Corner Model (Crane Plumbing, Fiat S101 Commander)	2,567.03	100.10
15457-0034 Powder Coated Or Baked Enamel Steel Shower Enclosure (15457-0028)		
15457-0035 EA 39" x 39" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S115 Commander)	3,033.13	100.10
15457-0036 EA 39" x 48" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S125 Commander)	3,971.67	100.10
15457-0037 EA 32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	753.65	100.10
15457-0038 EA 36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	753.65	100.10
15457-0039 EA 40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,107.85	100.10
15457-0040 EA 40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	1,213.01	100.10
15457-0041 Solid Plastic Core High Density Polymer (HDP) Shower Enclosure (15457-0028)		
15457-0042 EA 32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,201.94	100.10
15457-0043 EA 36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,201.94	100.10
15457-0044 EA 40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,700.03	100.10
15457-0045 EA 40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	1,893.74	100.10
15457-0046 1 Piece Shower Units (15457)		
15457-0047 EA 1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	586.53	67.12
15457-0048 EA 1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	649.11	67.12
15457-0049 Shower Frame With Tempered Glass Door (15457)		
15457-0050 EA 24" Chrome Shower Frame With Tempered Glass Door	281.31	23.37
15457-0051 EA 24" Porcelain Enamel Steel Shower Frame With Tempered Glass Door	346.39	18.85
15457-0052 EA 24" Baked Enamel Steel Shower Frame With Tempered Glass Door	306.38	18.85
15457-0053 EA 48" Aluminum Shower Frame With Sliding Tempered Glass Door	396.69	32.42
15458 Receptors (15450)		
15458-0001 Personnel Type Shower Receptors (15458)		
15458-0002 EA 32" x 32" Simulated Terrazzo Plastic Shower Receptor	325.27	50.68
15458-0003 EA 32" x 32" Precast Terrazzo Shower Receptor	492.47	50.68
15458-0004 EA 32" x 48" Precast Terrazzo Shower Receptor	548.49	53.18
15458-0005 EA 36" x 36" Precast Terrazzo Shower Receptor	561.53	53.18
15458-0006 EA 32" x 32" Colored Precast Concrete Shower Receptor	858.05	50.68
15458-0007 EA 48" x 48" Colored Precast Concrete Shower Receptor	1,087.72	59.44
15458-0008 EA 48" x 32" Acrylic Shower Receptor	771.86	53.18
15458-0009 EA 48" x 42" Acrylic Shower Receptor	592.24	56.30
15458-0010 EA 60" x 30" Acrylic Shower Receptor	602.53	62.56
15458-0011 EA 60" x 32" Acrylic Shower Receptor	609.64	62.56
15458-0012 EA 60" x 36" Acrylic Shower Receptor	622.15	65.69
15458-0013 EA 60" x 48" Acrylic Shower Receptor	680.01	71.95
15458-0014 EA 37-1/2" x 37-1/2" Acrylic Corner Shower Receptor	688.25	53.18
15458-0015 EA 42" x 42" Acrylic Corner Shower Receptor	816.59	54.75
15458-0016 EA 47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	896.63	59.44
15458-0017 SF 7 Oz Bituminous Membrane Shower Pan	4.72	
15458-0018 SF Shower Pan Liner, Composite Membrane	2.62	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15459 Security Plumbing Fixtures (15450)

15459-0001 Prison Plumbing Fixtures (15459)

15459-0002	EA	Prison Lavatory, Wall Hung, Push Button Filler V, Rectangular Bowl, Stainless Steel	1,126.22	
		<i>15MOD-0326 For Shelf, Add</i>	<i>67.58</i>	
15459-0003	EA	Prison Lavatory, Wall Hung, Push Button Filler V, Oval Bowl, Stainless Steel	1,109.58	108.62
		<i>15MOD-0326 For Shelf, Add</i>	<i>67.58</i>	
15459-0004	EA	Prison Lavatory, Wall Hung, Push Button Filler V, Oval Bowl, Corner Mount, Stainless Steel	1,261.42	108.62
		<i>15MOD-0326 For Shelf, Add</i>	<i>67.58</i>	
15459-0005	EA	Prison Lavatory, Wall Hung, Push Button Filler V, Multi Sided Bowl, Stainless Steel	1,109.58	108.62
		<i>15MOD-0326 For Shelf, Add</i>	<i>67.58</i>	
15459-0006	EA	Prison Service Sink, With Soap Dish, 22" x 16" x 10", Stainless Steel	2,412.98	165.40
15459-0007	EA	Prison Shower Cabinet, Unitized, 36" X 36" X 88", Stainless Steel	5,782.26	225.54
		<i>15MOD-0327 For Door, Add</i>	<i>110.11</i>	
15459-0008	EA	Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel	471.54	82.86
15459-0009	EA	Prison Urinal, Back Supply And Flush, Wall Hung, Stainless Steel	1,881.98	139.65
15459-0010	EA	Prison Urinal, Back Supply And Flush, Stall, Stainless Steel	3,190.36	198.43
15459-0011	EA	Prison Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum	1,595.81	155.16
		<i>15MOD-0328 For Angled Toilet, Add</i>	<i>15.52</i>	
		<i>15MOD-0329 For Offset Toilet, Add</i>	<i>144.06</i>	
15459-0012	EA	Prison Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum	1,926.54	155.16
		<i>15MOD-0328 For Angled Toilet, Add</i>	<i>15.52</i>	
		<i>15MOD-0329 For Offset Toilet, Add</i>	<i>177.14</i>	
15459-0013	EA	Prison Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum	1,955.66	155.16
		<i>15MOD-0328 For Angled Toilet, Add</i>	<i>15.52</i>	
		<i>15MOD-0329 For Offset Toilet, Add</i>	<i>180.05</i>	
15459-0014	EA	For Recessed Tissue Holder For Prison Water Closet, Stainless Steel	178.55	31.03
15459-0015	EA	Prison Shower Head With Mixing Valves And Piping Assembly In Wall	310.50	43.45
15459-0016	EA	Prison Drinking Fountain, Wall Hung, Push Button Filler V, Rectangular Bowl, Stainless Steel	1,170.94	108.62
15459-0017	EA	15" Wide Combination Prison Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel	2,822.64	192.41
		<i>15MOD-0330 For Angled Toilet, Add</i>	<i>19.24</i>	
		<i>15MOD-0331 For Offset Toilet, Add</i>	<i>263.02</i>	
		<i>15MOD-0332 For 15" Mirror/Shelf Module, Add</i>	<i>742.41</i>	
		<i>15MOD-0337 For AC Duplex Outlet Option, Add</i>	<i>68.48</i>	
		<i>15MOD-0338 For Intercom Option, Add</i>	<i>113.48</i>	
		<i>15MOD-0339 For 15" Wide Light/Ventilation Module, Add</i>	<i>750.44</i>	
15459-0018	EA	18" Wide Combination Prison Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel	2,928.61	201.72
		<i>15MOD-0330 For Angled Toilet, Add</i>	<i>20.17</i>	
		<i>15MOD-0331 For Offset Toilet, Add</i>	<i>272.69</i>	
		<i>15MOD-0333 For 18" Mirror/Shelf Module, Add</i>	<i>776.71</i>	
		<i>15MOD-0337 For AC Duplex Outlet Option, Add</i>	<i>70.34</i>	
		<i>15MOD-0338 For Intercom Option, Add</i>	<i>115.34</i>	
		<i>15MOD-0340 For 18" Wide Light/Ventilation Module, Add</i>	<i>771.03</i>	
15459-0019	EA	20" Wide Combination Prison Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel	3,141.72	211.03
		<i>15MOD-0330 For Angled Toilet, Add</i>	<i>21.10</i>	
		<i>15MOD-0331 For Offset Toilet, Add</i>	<i>293.07</i>	
		<i>15MOD-0334 For 20" Mirror/Shelf Module, Add</i>	<i>821.02</i>	
		<i>15MOD-0337 For AC Duplex Outlet Option, Add</i>	<i>72.20</i>	
		<i>15MOD-0338 For Intercom Option, Add</i>	<i>117.20</i>	
		<i>15MOD-0341 For 20" Wide Light/Ventilation Module, Add</i>	<i>801.61</i>	
15459-0020	EA	26" Wide Combination Prison Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel	3,143.71	220.33
		<i>15MOD-0330 For Angled Toilet, Add</i>	<i>22.03</i>	
		<i>15MOD-0331 For Offset Toilet, Add</i>	<i>292.34</i>	
		<i>15MOD-0335 For 26" Mirror/Shelf Module, Add</i>	<i>855.34</i>	
		<i>15MOD-0337 For AC Duplex Outlet Option, Add</i>	<i>74.07</i>	
		<i>15MOD-0338 For Intercom Option, Add</i>	<i>119.07</i>	
		<i>15MOD-0342 For 26" Wide Light/Ventilation Module, Add</i>	<i>827.20</i>	
15459-0021	EA	28" Wide Combination Prison Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel	5,193.51	229.64
		<i>15MOD-0330 For Angled Toilet, Add</i>	<i>22.96</i>	
		<i>15MOD-0331 For Offset Toilet, Add</i>	<i>496.39</i>	
		<i>15MOD-0336 For 28" Mirror/Shelf Module, Add</i>	<i>884.65</i>	
		<i>15MOD-0337 For AC Duplex Outlet Option, Add</i>	<i>75.93</i>	
		<i>15MOD-0338 For Intercom Option, Add</i>	<i>120.93</i>	
		<i>15MOD-0343 For 28" Wide Light/Ventilation Module, Add</i>	<i>852.79</i>	
15459-0022	EA	Concealed Manual Water Closet Flush Valve, With Pushbutton Control (Sloan 601 AFD ESM)	365.79	21.16
		Note: Anti-flood device (AFD), solenoid operated with module plug 24V (ESM)		
15459-0023	EA	Concealed Manual Urinal Flush Valve, 1-1/2" Backinlet, With Pushbutton Control (Sloan 609 ESM)	365.38	21.16
		Note: Solenoid operated with module plug 24V (ESM)		
15459-0024	EA	Concealed Manual Urinal Flush Valve, 3/4" Backinlet, With Pushbutton Control (Sloan 613 ESM)	353.43	21.16
		Note: Solenoid operated with module plug 24V (ESM)		

15470 Pool Equipment (15450)

15470-0001 Swimming Pool Heaters For 1 Degree F/Hour Rise (15470)

Note: Excludes wiring, external piping, base or pad. Commercial pools

15470-0002 Electric Pool Heaters (15470-0001)

15000 Mechanical**15450 Plumbing Fixtures And Trim****15470 Pool Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15470-0003 EA 12 KW Heater (1 Degree/Hour), For 4800 Gallon Pool.....	3,395.12	103.65
15470-0004 EA 18 KW Heater (1 Degree/Hour), For 7200 Gallon Pool.....	3,803.16	111.10
15470-0005 EA 24 KW Heater (1 Degree/Hour), For 9600 Gallon Pool.....	4,214.00	129.09
15470-0006 EA 30 KW Heater (1 Degree/Hour), For 12000 Gallon Pool.....	4,427.32	155.16
15470-0007 EA 36 KW Heater (1 Degree/Hour), For 14400 Gallon Pool.....	4,692.36	194.26
15470-0008 EA 60 KW Heater (1 Degree/Hour), For 24000 Gallon Pool.....	5,165.84	258.81
15470-0009 Gas Fired Pool Heaters (15470-0001)		
15470-0010 EA Gas Fired Pool Heater, 120 MBH Output.....	2,837.59	253.85
15470-0011 EA Gas Fired Pool Heater, 180 MBH Output.....	3,251.66	298.91
15470-0012 EA Gas Fired Pool Heater, 240 MBH Output.....	3,688.54	338.25
15470-0013 EA Gas Fired Pool Heater, 300 MBH Output.....	6,581.32	1,015.39
15470-0014 EA Gas Fired Pool Heater, 360 MBH Output.....	12,775.64	2,563.26
15470-0015 EA Gas Fired Pool Heater, 400 MBH Output.....	15,454.99	2,952.45
15470-0016 Surge Tanks (15470)		
Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
15470-0017 EA 1000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	10,118.51	508.10
15470-0018 EA 1500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	11,315.12	508.10
15470-0019 EA 2000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	13,725.25	657.40
15470-0020 EA 5000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	18,305.62	1,060.98
15470-0021 Swimming Pool Gutters (15470)		
15470-0022 LF Swimming Pool Gutters, Stainless.....	203.23	13.96
15471 Pool Circulation And Filtration Equipment (15450)		
15471-0001 Diatomite Type Filter System (15471)		
15471-0002 EA 35000 Gallon Filter System, Diatomite.....	8,845.85	1,664.73
15471-0003 EA 45000 Gallon Filter System, Diatomite.....	10,521.10	1,997.68
15471-0004 Silver Recovery System, X-Ray Film Processing (15471)		
15471-0005 EA 20 Gallon/Day Capacity, Silver Recovery System.....	1,476.03	210.67
15471-0006 EA 40 Gallon/Day Capacity, Silver Recovery System.....	2,191.75	280.92
15471-0007 Inline Water Filter (15471)		
Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
15471-0008 EA 2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body.....	178.24	62.07
15471-0009 EA 6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body.....	354.81	93.10
15472 Pool Drains, Inlets, And Outlets (15450)		
15472-0001 Pool Drains (15472)		
15472-0002 Cast Iron Pool Drain With Bottom Outlet (15472-0001)		
Note: Large square top and 24" loose set round super-flo grate.		
15472-0003 EA Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate.....	1,216.59	39.10
15MOD-0344 For Polished Bronze Top, Add	769.60	
15MOD-0345 For Chromium Plated Top, Add	805.00	
15MOD-0346 For Galvanized Top, Add	276.40	
15MOD-0347 For Vandal Proof Construction, Add	57.20	
15472-0004 Cast Iron Pool Drain With Waterproof Flange (15472-0001)		
Note: Bottom outlet 14" square top and loose set square flange.		
15472-0005 EA Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top.....	375.52	39.10
15MOD-0348 For Clamp Device, Add	13.80	
15MOD-0349 For Galvanized Top, Add	38.10	
15MOD-0350 For Polished Bronze Top, Add	133.50	
15MOD-0351 For Chromium Plated Top, Add	146.90	
15MOD-0352 For Hinge Grate, Add	28.60	
15MOD-0353 For Supplementary Strainer, Add	7.00	
15MOD-0354 For Threaded Outlet, Add	9.50	
15MOD-0355 For Vandal Proof Construction, Add	17.10	
15MOD-0356 For Ground Screw, Add	18.30	
15472-0006 Pool Supply Fittings (15472)		
15472-0007 Cast Iron Pool Supply Fittings (15472-0006)		
Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15472-0008 EA Cast Iron Pool Fitting For 2" Pipe.....	471.97	69.83
15MOD-0358 For Galvanized Head, Add	26.30	
15MOD-0359 For Vandal Proof Construction, Add	11.50	
15MOD-0360 For Grounding Screw, Add	18.30	
15472-0009 EA Cast Iron Pool Fitting For 3" Pipe.....	471.97	69.83
15MOD-0357 For Chromium Plated Head, Add	11.50	
15MOD-0358 For Galvanized Head, Add	26.30	
15MOD-0359 For Vandal Proof Construction, Add	11.50	
15MOD-0360 For Grounding Screw, Add	18.30	
15473 Pool Cleaning Equipment (15450)		
15473-0001 Electric Powered Portable Vacuum Cleaner Pump (15473)		
Note: Includes 75' of 3 wire electric safety cord		
15473-0002 EA 1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord.....	272.93	31.03
15473-0003 EA 1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord.....	532.39	31.03
15473-0004 Gasoline Driven Portable Vacuum Cleaner Pump (15473)		
15473-0005 EA 3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,257.24	31.03
15475 Pool Chemical Treatment Equipment (15450)		
15475-0001 Swimming Pool Chlorinators (15475)		
15475-0002 EA Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator.....	850.00	88.75
15600 Heat Generation Equipment (15000)		
15607 L.P.G. Tanks, Controls, And Piping (15600)		
Note: Set on concrete pad		
15607-0001 L.P.G. Tanks With Regulator And Safety Controls (15607)		
15607-0002 EA 250 Gallon LP Gas Storage Tank	1,751.18	38.79
15607-0003 EA 500 Gallon LP Gas Storage Tank	2,386.57	46.55
15607-0004 EA 1000 Gallon LP Gas Storage Tank	4,162.47	54.30
15621 Cast Iron Boiler (15600)		
15621-0001 Weil-McLain Model 80 Cast Iron Boiler (15621)		
Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
15621-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler (15621-0001)		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
15621-0003 EA 208 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler.....	12,365.16	2,438.86
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0004 EA 297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler.....	13,509.27	2,601.46
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0005 EA 386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler.....	14,760.55	2,764.05
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0006 EA 476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler.....	15,924.89	2,926.64
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0007 EA 565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler.....	17,000.97	3,089.22
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0008 EA 654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler.....	18,470.27	3,251.82
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0009 EA 743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler.....	19,608.15	3,414.41
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0010 EA 833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler.....	20,513.61	3,577.00
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0011 EA 922 MBH Steam, 1069 MBH Water Gas Fired Cast Iron Boiler.....	21,415.78	3,739.59
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0012 EA 1018 MBH Steam, 1172 MBH Water Gas Fired Cast Iron Boiler.....	22,455.96	3,902.19
Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
15621-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler (15621-0001)		
15621-0014 EA 208 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler.....	8,474.96	281.24
Note: Weil-McLain Model 80. Fire tested factory assembled package unit.		
15621-0015 EA 297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler.....	9,441.96	281.24
Note: Weil-McLain Model 80. Fire tested factory assembled package unit.		
15621-0016 EA 386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler.....	10,799.20	351.55
Note: Weil-McLain Model 80. Fire tested factory assembled package unit.		
15621-0017 EA 476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler.....	11,785.20	351.55
Note: Weil-McLain Model 80. Fire tested factory assembled package unit.		
15621-0018 EA 565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler.....	12,967.44	421.86
Note: Weil-McLain Model 80. Fire tested factory assembled package unit.		

15000 Mechanical
15600 Heat Generation Equipment
15621 Cast Iron Boiler



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15621-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	14,271.44	421.86
15621-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	15,513.68	492.17
15621-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	16,523.92	562.48
15621-0022	EA	922 MBH Steam, 1069 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	17,250.92	562.48
15621-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	18,394.16	632.79
15621-0024		Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler <small>(15621-0001)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
15621-0025	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	12,930.16	2,438.86
15621-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	14,175.27	2,601.46
15621-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	15,365.55	2,764.05
15621-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,693.89	2,926.64
15621-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	17,790.97	3,089.22
15621-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,388.27	3,251.82
15621-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,396.15	3,414.41
15621-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,376.61	3,577.00
15621-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,279.78	3,739.59
15621-0034	EA	1018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,346.96	3,902.19
15621-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler <small>(15621-0001)</small>		
15621-0036	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	9,039.96	281.24
15621-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	10,107.96	281.24
15621-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	11,404.20	351.55
15621-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	12,554.20	351.55
15621-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	13,757.44	421.86
15621-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	15,189.44	421.86
15621-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	16,301.68	492.17
15621-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	17,386.92	562.48
15621-0044	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	18,114.92	562.48
15621-0045	EA	1018 MBH Steam, 1172 MBH Water Gas/Oil Fired Package CI Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	19,285.16	632.79
15621-0046		Weil-McLain Model 88 Cast Iron Boiler <small>(15621)</small> Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
15621-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler <small>(15621-0046)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
15621-0048	EA	608 MBH Steam, 704 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	20,049.95	3,658.30
15621-0049	EA	813 MBH Steam, 943 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	22,126.09	3,881.86
15621-0050	EA	1028 MBH Steam, 1161 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	24,692.30	4,105.43
15621-0051	EA	1254 MBH Steam, 1419 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	26,955.14	4,328.99
15621-0052	EA	1477 MBH Steam, 1656 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	28,924.63	4,552.54
15621-0053	EA	1688 MBH Steam, 1892 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	31,771.97	4,776.10
15621-0054	EA	1904 MBH Steam, 2132 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	33,759.82	4,999.67
15621-0055	EA	2116 MBH Steam, 2369 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	35,520.20	5,223.23
15621-0056	EA	2329 MBH Steam, 2609 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	37,865.26	5,446.79



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15621-0057	EA	2539 MBH Steam, 2843 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	39,754.42	5,670.36
15621-0058	EA	2756 MBH Steam, 3087 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	42,883.47	5,893.92
15621-0059	EA	2966 MBH Steam, 3322 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	44,681.74	6,117.48
15621-0060	EA	3175 MBH Steam, 3557 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	46,588.15	6,341.05
15621-0061	EA	3383 MBH Steam, 3800 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	48,710.65	6,564.61
15621-0062	EA	3602 MBH Steam, 4035 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	50,440.38	6,788.17
15621-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler <small>(15621-0046)</small>		
15621-0064	EA	608 MBH Steam, 704 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	15,527.68	492.17
15621-0065	EA	813 MBH Steam, 943 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	17,608.92	562.48
15621-0066	EA	1028 MBH Steam, 1161 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	20,192.16	632.79
15621-0067	EA	1254 MBH Steam, 1419 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	22,450.40	703.10
15621-0068	EA	1477 MBH Steam, 1656 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	24,142.40	703.10
15621-0069	EA	1688 MBH Steam, 1892 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	26,997.63	773.41
15621-0070	EA	1904 MBH Steam, 2132 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	28,710.63	773.41
15621-0071	EA	2116 MBH Steam, 2369 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	30,475.88	843.72
15621-0072	EA	2329 MBH Steam, 2609 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	32,546.88	843.72
15621-0073	EA	2539 MBH Steam, 2843 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	34,441.14	914.03
15621-0074	EA	2756 MBH Steam, 3087 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	36,274.36	984.34
15621-0075	EA	2966 MBH Steam, 3322 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	37,798.36	984.34
15621-0076	EA	3175 MBH Steam, 3557 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	39,710.60	1,054.65
15621-0077	EA	3383 MBH Steam, 3800 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	41,557.60	1,054.65
15621-0078	EA	3602 MBH Steam, 4035 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	43,313.81	1,124.96
15621-0079		Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler <small>(15621-0046)</small>		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
15621-0080	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	20,745.95	3,658.30
15621-0081	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	22,818.09	3,881.86
15621-0082	EA	1028 MBH Steam, 1161 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	25,564.30	4,105.43
15621-0083	EA	1254 MBH Steam, 1419 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	27,915.14	4,328.99
15621-0084	EA	1477 MBH Steam, 1656 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	29,786.63	4,552.54
15621-0085	EA	1688 MBH Steam, 1892 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	32,579.97	4,776.10
15621-0086	EA	1904 MBH Steam, 2132 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	34,972.82	4,999.67
15621-0087	EA	2116 MBH Steam, 2369 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	36,733.20	5,223.23
15621-0088	EA	2329 MBH Steam, 2609 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	39,054.26	5,446.79
15621-0089	EA	2539 MBH Steam, 2843 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	41,454.42	5,670.36
15621-0090	EA	2756 MBH Steam, 3087 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	44,669.47	5,893.92
15621-0091	EA	2966 MBH Steam, 3322 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	47,068.74	6,117.48
15621-0092	EA	3175 MBH Steam, 3557 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	48,373.15	6,341.05
15621-0093	EA	3383 MBH Steam, 3800 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	50,441.65	6,564.61
15621-0094	EA	3602 MBH Steam, 4035 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	52,190.38	6,788.17
15621-0095		Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler <small>(15621-0046)</small>		
15621-0096	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	16,223.68	492.17

15000 Mechanical
15600 Heat Generation Equipment
15621 Cast Iron Boiler



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15621-0097	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	18,300.92	562.48
15621-0098	EA	1028 MBH Steam, 1161 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	21,054.16	632.79
15621-0099	EA	1254 MBH Steam, 1419 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	23,410.40	703.10
15621-0100	EA	1477 MBH Steam, 1656 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	25,006.40	703.10
15621-0101	EA	1688 MBH Steam, 1892 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	27,805.63	773.41
15621-0102	EA	1904 MBH Steam, 2132 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	29,923.63	773.41
15621-0103	EA	2116 MBH Steam, 2369 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	31,688.88	843.72
15621-0104	EA	2329 MBH Steam, 2609 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	33,735.88	843.72
15621-0105	EA	2539 MBH Steam, 2843 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	36,146.14	914.03
15621-0106	EA	2756 MBH Steam, 3087 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	38,060.36	984.34
15621-0107	EA	2966 MBH Steam, 3322 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	39,185.36	984.34
15621-0108	EA	3175 MBH Steam, 3557 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	41,495.60	1,054.65
15621-0109	EA	3383 MBH Steam, 3800 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	43,288.60	1,054.65
15621-0110	EA	3602 MBH Steam, 4035 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	45,043.81	1,124.96
15621-0111		Weil-McLain Model 94 Cast Iron Boiler <small>(15621)</small> Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
15621-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler <small>(15621-0111)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
15621-0113	EA	1575 MBH Steam, 1763 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	54,470.58	7,113.35
15621-0114	EA	1801 MBH Steam, 2017 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	59,044.71	7,519.83
15621-0115	EA	2028 MBH Steam, 2271 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	63,223.44	7,926.31
15621-0116	EA	2255 MBH Steam, 2525 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	67,315.15	8,332.79
15621-0117	EA	2477 MBH Steam, 2774 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	71,444.89	8,739.27
15621-0118	EA	2702 MBH Steam, 3026 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	76,742.47	9,145.74
15621-0119	EA	2927 MBH Steam, 3278 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	80,634.42	9,552.22
15621-0120	EA	3160 MBH Steam, 3539 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	84,400.75	9,958.70
15621-0121	EA	3385 MBH Steam, 3791 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	90,522.01	10,365.17
15621-0122	EA	3610 MBH Steam, 4043 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	94,286.18	10,771.65
15621-0123	EA	3835 MBH Steam, 4296 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	97,517.23	11,178.13
15621-0124	EA	4061 MBH Steam, 4548 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,425.62	11,584.60
15621-0125	EA	4286 MBH Steam, 4800 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	107,220.93	11,991.08
15621-0126	EA	4511 MBH Steam, 5052 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,264.93	12,397.56
15621-0127	EA	4736 MBH Steam, 5304 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	117,259.49	12,804.04
15621-0128	EA	4961 MBH Steam, 5557 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	121,629.08	13,210.52
15621-0129	EA	5186 MBH Steam, 5809 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,384.15	13,617.00
15621-0130	EA	5411 MBH Steam, 6061 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,246.75	14,023.47
15621-0131		Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(15621-0111)</small>		
15621-0132	EA	1575 MBH Steam, 1763 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	47,971.14	914.03
15621-0133	EA	1801 MBH Steam, 2017 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	52,329.36	984.34
15621-0134	EA	2028 MBH Steam, 2271 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	56,289.60	1,054.65
15621-0135	EA	2255 MBH Steam, 2525 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	60,165.81	1,124.96



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15621-0136	EA	2477 MBH Steam, 2774 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	63,795.81	1,124.96
15621-0137	EA	2702 MBH Steam, 3026 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	67,578.12	1,195.27
15621-0138	EA	2927 MBH Steam, 3278 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	70,971.12	1,195.27
15621-0139	EA	3160 MBH Steam, 3539 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	74,520.32	1,265.58
15621-0140	EA	3385 MBH Steam, 3791 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	80,143.32	1,265.58
15621-0141	EA	3610 MBH Steam, 4043 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	83,691.52	1,335.89
15621-0142	EA	3835 MBH Steam, 4296 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	86,423.52	1,335.89
15621-0143	EA	4061 MBH Steam, 4548 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	92,116.80	1,406.20
15621-0144	EA	4286 MBH Steam, 4800 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	95,412.80	1,406.20
15621-0145	EA	4511 MBH Steam, 5052 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	101,258.08	1,476.51
15621-0146	EA	4736 MBH Steam, 5304 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	104,735.08	1,476.51
15621-0147	EA	4961 MBH Steam, 5557 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	108,886.32	1,546.82
15621-0148	EA	5186 MBH Steam, 5809 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	112,143.32	1,546.82
15621-0149	EA	5411 MBH Steam, 6061 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,788.52	1,617.13

15621-0150 Oil Fired Weil-McLain Model 94 Cast Iron Boiler (15621-0111)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

15621-0151	EA	1575 MBH Steam, 1763 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	51,486.58	7,113.35
15621-0152	EA	1801 MBH Steam, 2017 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	56,060.71	7,519.83
15621-0153	EA	2028 MBH Steam, 2271 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	61,621.44	7,926.31
15621-0154	EA	2255 MBH Steam, 2525 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	65,352.15	8,332.79
15621-0155	EA	2477 MBH Steam, 2774 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	69,235.89	8,739.27
15621-0156	EA	2702 MBH Steam, 3026 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	74,258.47	9,145.74
15621-0157	EA	2927 MBH Steam, 3278 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	78,336.42	9,552.22
15621-0158	EA	3160 MBH Steam, 3539 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	82,104.75	9,958.70
15621-0159	EA	3385 MBH Steam, 3791 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	88,940.01	10,365.17
15621-0160	EA	3610 MBH Steam, 4043 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	92,705.18	10,771.65
15621-0161	EA	3835 MBH Steam, 4296 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	96,469.23	11,178.13
15621-0162	EA	4061 MBH Steam, 4548 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,432.62	11,584.60
15621-0163	EA	4286 MBH Steam, 4800 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	107,227.93	11,991.08
15621-0164	EA	4511 MBH Steam, 5052 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,432.93	12,397.56
15621-0165	EA	4736 MBH Steam, 5304 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	117,426.49	12,804.04
15621-0166	EA	4961 MBH Steam, 5557 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	121,710.08	13,210.52
15621-0167	EA	5186 MBH Steam, 5809 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,465.15	13,617.00
15621-0168	EA	5411 MBH Steam, 6061 MBH Water Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,333.75	14,023.47

15621-0169 Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (15621-0111)

15621-0170	EA	1575 MBH Steam, 1763 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	44,825.14	914.03
15621-0171	EA	1801 MBH Steam, 2017 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	49,183.36	984.34
15621-0172	EA	2028 MBH Steam, 2271 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	54,525.60	1,054.65
15621-0173	EA	2255 MBH Steam, 2525 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	58,040.81	1,124.96
15621-0174	EA	2477 MBH Steam, 2774 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	61,424.81	1,124.96
15621-0175	EA	2702 MBH Steam, 3026 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	64,932.12	1,195.27

15000 Mechanical
15600 Heat Generation Equipment
15621 Cast Iron Boiler



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15621-0176 EA 2927 MBH Steam, 3278 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	68,511.12	1,195.27
15621-0177 EA 3160 MBH Steam, 3539 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,060.32	1,265.58
15621-0178 EA 3385 MBH Steam, 3791 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	78,399.32	1,265.58
15621-0179 EA 3610 MBH Steam, 4043 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	81,946.52	1,335.89
15621-0180 EA 3835 MBH Steam, 4296 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	85,213.52	1,335.89
15621-0181 EA 4061 MBH Steam, 4548 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	91,961.80	1,406.20
15621-0182 EA 4286 MBH Steam, 4800 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	95,257.80	1,406.20
15621-0183 EA 4511 MBH Steam, 5052 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	101,244.08	1,476.51
15621-0184 EA 4736 MBH Steam, 5304 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	104,740.08	1,476.51
15621-0185 EA 4961 MBH Steam, 5557 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	108,805.32	1,546.82
15621-0186 EA 5186 MBH Steam, 5809 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	112,062.32	1,546.82
15621-0187 EA 5411 MBH Steam, 6061 MBH Water Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,713.52	1,617.13
15621-0188 Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler (15621-0111) Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
15621-0189 EA 1575 MBH Steam, 1763 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	55,408.58	7,113.35
15621-0190 EA 1801 MBH Steam, 2017 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	59,983.71	7,519.83
15621-0191 EA 2028 MBH Steam, 2271 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	64,418.44	7,926.31
15621-0192 EA 2255 MBH Steam, 2525 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	68,611.15	8,332.79
15621-0193 EA 2477 MBH Steam, 2774 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	72,717.89	8,739.27
15621-0194 EA 2702 MBH Steam, 3026 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	77,212.47	9,145.74
15621-0195 EA 2927 MBH Steam, 3278 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	82,195.42	9,552.22
15621-0196 EA 3160 MBH Steam, 3539 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	86,207.75	9,958.70
15621-0197 EA 3385 MBH Steam, 3791 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	92,486.01	10,365.17
15621-0198 EA 3610 MBH Steam, 4043 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	96,250.18	10,771.65
15621-0199 EA 3835 MBH Steam, 4296 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	99,551.23	11,178.13
15621-0200 EA 4061 MBH Steam, 4548 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	105,527.62	11,584.60
15621-0201 EA 4286 MBH Steam, 4800 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	110,322.93	11,991.08
15621-0202 EA 4511 MBH Steam, 5052 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	116,902.93	12,397.56
15621-0203 EA 4736 MBH Steam, 5304 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	120,867.49	12,804.04
15621-0204 EA 4961 MBH Steam, 5557 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	125,423.08	13,210.52
15621-0205 EA 5186 MBH Steam, 5809 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,179.15	13,617.00
15621-0206 EA 5411 MBH Steam, 6061 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	133,044.75	14,023.47
15621-0207 Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (15621-0111)		
15621-0208 EA 1575 MBH Steam, 1763 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	48,982.14	914.03
15621-0209 EA 1801 MBH Steam, 2017 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	53,341.36	984.34
15621-0210 EA 2028 MBH Steam, 2271 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	57,560.60	1,054.65
15621-0211 EA 2255 MBH Steam, 2525 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	61,535.81	1,124.96
15621-0212 EA 2477 MBH Steam, 2774 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,142.81	1,124.96
15621-0213 EA 2702 MBH Steam, 3026 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	68,121.12	1,195.27
15621-0214 EA 2927 MBH Steam, 3278 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,605.12	1,195.27
15621-0215 EA 3160 MBH Steam, 3539 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	76,399.32	1,265.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15621-0216 EA 3385 MBH Steam, 3791 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	82,181.32	1,265.58
15621-0217 EA 3610 MBH Steam, 4043 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	85,727.52	1,335.89
15621-0218 EA 3835 MBH Steam, 4296 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	88,530.52	1,335.89
15621-0219 EA 4061 MBH Steam, 4548 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	94,291.80	1,406.20
15621-0220 EA 4286 MBH Steam, 4800 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	98,588.80	1,406.20
15621-0221 EA 4511 MBH Steam, 5052 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	104,950.08	1,476.51
15621-0222 EA 4736 MBH Steam, 5304 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	108,417.08	1,476.51
15621-0223 EA 4961 MBH Steam, 5557 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	112,753.32	1,546.82
15621-0224 EA 5186 MBH Steam, 5809 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	116,011.32	1,546.82
15621-0225 EA 5411 MBH Steam, 6061 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	119,660.52	1,617.13

15622 Firebox Boilers (15600)

15622-0001 Package Oil Fired Firebox Boilers (15622)

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

15622-0002 EA 40 HP, 1339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	29,074.88	1,687.44
15622-0003 EA 46 HP, 1553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	30,456.14	1,828.06
15622-0004 EA 53 HP, 1784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	31,937.36	1,968.68
15622-0005 EA 61 HP, 2062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	34,518.60	2,109.30
15622-0006 EA 69 HP, 2313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	36,099.81	2,249.92
15622-0007 EA 80 HP, 2678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	37,656.12	2,390.54
15622-0008 EA 100 HP, 3348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	41,767.32	2,531.16
15622-0009 EA 127 HP, 4251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	48,224.80	2,812.40
15622-0010 EA 151 HP, 5055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	54,787.32	3,093.63
15622-0011 EA 183 HP, 6126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	60,120.03	3,410.03
15622-0012 EA 220 HP, 7388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	65,452.83	3,726.43
15622-0013 EA 257 HP, 8606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	69,218.51	4,359.21
15622-0014 EA 294 HP, 9842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	84,059.06	4,992.01
15622-0015 EA 368 HP, 12302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	99,249.60	5,624.80
15622-0016 EA 441 HP, 14766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	152,609.99	6,327.90
15622-0017 EA 514 HP, 17220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	129,560.40	6,855.22

15624 Water Tube Boilers (15600)

15624-0001 Package Gas Fired Water Tube Boiler (15624)

Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator (rated by MBH output)

15624-0002 EA 200 MBH Gas Fired Water Tube Boiler, Steel Shell	20,062.84	562.48
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
15MOD-0361 For LP Gas Burner, Add	946.89	
15MOD-0362 For 12 PPM Burner, Add	3,787.58	
15624-0003 EA 275 MBH Gas Fired Water Tube Boiler, Steel Shell	20,547.78	632.79
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
15MOD-0361 For LP Gas Burner, Add	964.11	
15MOD-0362 For 12 PPM Burner, Add	3,856.44	
15624-0004 EA 360 MBH Gas Fired Water Tube Boiler, Steel Shell	21,032.72	703.10
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
15MOD-0361 For LP Gas Burner, Add	981.33	
15MOD-0362 For 12 PPM Burner, Add	3,925.30	
15624-0005 EA 520 MBH Gas Fired Water Tube Boiler, Steel Shell	23,104.46	843.72
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
15MOD-0361 For LP Gas Burner, Add	1,070.85	
15MOD-0362 For 12 PPM Burner, Add	4,283.40	
15624-0006 EA 600 MBH Gas Fired Water Tube Boiler, Steel Shell	25,035.56	914.03
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
15MOD-0361 For LP Gas Burner, Add	1,160.38	
15MOD-0362 For 12 PPM Burner, Add	4,641.50	
15624-0007 EA 720 MBH Gas Fired Water Tube Boiler, Steel Shell	27,586.46	984.34
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
15MOD-0361 For LP Gas Burner, Add	1,280.89	
15MOD-0362 For 12 PPM Burner, Add	5,123.56	

15000 Mechanical
15600 Heat Generation Equipment
15624 Water Tube Boilers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15624-0008	EA		960 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	17,205.81	1,124.96
			15MOD-0361 For LP Gas Burner, Add	747.79	
			15MOD-0362 For 12 PPM Burner, Add	2,991.18	
15624-0009	EA		1220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	35,035.44	1,265.58
			15MOD-0361 For LP Gas Burner, Add	1,625.21	
			15MOD-0362 For 12 PPM Burner, Add	6,500.86	
15624-0010	EA		1440 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	37,520.36	1,406.20
			15MOD-0361 For LP Gas Burner, Add	1,735.40	
			15MOD-0362 For 12 PPM Burner, Add	6,941.59	
15624-0011	EA		1680 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	41,517.42	1,476.51
			15MOD-0361 For LP Gas Burner, Add	1,928.22	
			15MOD-0362 For 12 PPM Burner, Add	7,712.88	
15624-0012	EA		1920 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	43,861.71	1,546.82
			15MOD-0361 For LP Gas Burner, Add	2,038.40	
			15MOD-0362 For 12 PPM Burner, Add	8,153.62	
15624-0013	EA		2160 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	47,307.86	1,617.13
			15MOD-0361 For LP Gas Burner, Add	2,203.68	
			15MOD-0362 For 12 PPM Burner, Add	8,814.72	
15624-0014	EA		2400 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	52,957.68	1,687.44
			15MOD-0361 For LP Gas Burner, Add	2,479.14	
			15MOD-0362 For 12 PPM Burner, Add	9,916.56	
15624-0015	EA		3200 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	60,682.12	1,968.68
			15MOD-0361 For LP Gas Burner, Add	2,837.24	
			15MOD-0362 For 12 PPM Burner, Add	11,348.95	
15624-0016	EA		3400 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	64,819.80	2,109.30
			15MOD-0361 For LP Gas Burner, Add	3,030.06	
			15MOD-0362 For 12 PPM Burner, Add	12,120.24	

15639 Boiler Accessories And Repair (15600)

15639-0001 Compression Tanks ASME Construction (15639)

Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 15176-0000 for other tanks.

15639-0002	EA		15 Gallon 13" x 34-1/2" Compression Tank 150 PSIG.....	562.33	118.70
			15MOD-0363 For Galvanized Steel Tanks, Add	191.24	
15639-0003	EA		24 Gallon 13" x 51" Compression Tank 150 PSIG.....	573.58	122.08
			15MOD-0363 For Galvanized Steel Tanks, Add	194.05	
15639-0004	EA		30 Gallon 13" x 61-1/2" Compression Tank 150 PSIG.....	624.65	126.13
			15MOD-0363 For Galvanized Steel Tanks, Add	216.55	
15639-0005	EA		40 Gallon 16-1/4" x 53" Compression Tank 150 PSIG.....	682.68	130.85
			15MOD-0363 For Galvanized Steel Tanks, Add	241.86	
15639-0006	EA		60 Gallon 16-1/4" x 76-1/2" Compression Tank 150 PSIG.....	794.04	138.27
			15MOD-0363 For Galvanized Steel Tanks, Add	292.48	
15639-0007	EA		80 Gallon 20-1/4" x 68" Compression Tank 150 PSIG.....	825.02	143.67
			15MOD-0363 For Galvanized Steel Tanks, Add	303.73	
15639-0008	EA		100 Gallon 20-1/4" x 82" Compression Tank 150 PSIG.....	1,018.48	156.48
			15MOD-0363 For Galvanized Steel Tanks, Add	390.91	
15639-0009	EA		120 Gallon 24-1/4" x 71-1/2" Compression Tank 150 PSIG.....	1,109.45	167.95
			15MOD-0363 For Galvanized Steel Tanks, Add	427.47	
15639-0010	EA		144 Gallon 24-1/4" x 83-1/2" Compression Tank 150 PSIG.....	1,377.68	189.52
			15MOD-0363 For Galvanized Steel Tanks, Add	545.34	
15639-0011	EA		180 Gallon 30" x 60" Compression Tank 150 PSIG.....	1,746.40	217.18
			15MOD-0363 For Galvanized Steel Tanks, Add	708.70	
15639-0012	EA		202 Gallon 30" x 72" Compression Tank 150 PSIG.....	2,089.21	240.78
			15MOD-0363 For Galvanized Steel Tanks, Add	862.32	
15639-0013	EA		230 Gallon 30" x 84" Compression Tank 150 PSIG.....	2,284.49	261.69
			15MOD-0363 For Galvanized Steel Tanks, Add	943.87	
15639-0014	EA		280 Gallon 30" x 96" Compression Tank 150 PSIG.....	2,879.72	287.32
			15MOD-0363 For Galvanized Steel Tanks, Add	1,222.29	
15639-0015	EA		306 Gallon 30" x 108" Compression Tank 150 PSIG.....	2,972.58	306.88
			15MOD-0363 For Galvanized Steel Tanks, Add	1,253.72	
15639-0016	EA		340 Gallon 36" x 84" Compression Tank 150 PSIG.....	3,821.24	329.82
			15MOD-0363 For Galvanized Steel Tanks, Add	1,660.82	
15639-0017	EA		550 Gallon 36" x 96" Compression Tank 150 PSIG.....	6,341.41	387.14
			15MOD-0363 For Galvanized Steel Tanks, Add	2,877.46	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15639-0018		Compression Tank Air Fittings <small>(15639)</small>		
15639-0019	EA	Compression Tank Air Fittings For 9-24" Diameter Tank.....	82.77	18.88
15639-0020	EA	Compression Tank Fittings For 100 Gallon And Larger.....	240.59	22.26
15639-0021		Air Separator Boiler Fittings <small>(15639)</small>		
15639-0022	EA	1-1/4" Air Separator Boiler Fitting, 19 GPM With 1-1/4" Boiler Connection.....	932.55	29.68
15639-0023	EA	1-1/2" Air Separator Boiler Fitting, 8 GPM Side Outlet With 1-1/2" Boiler Connection.....	1,002.32	34.40
15639-0024	EA	2" Air Separator Boiler Fitting, 12 GPM With 2" Boiler Connection, 1-1/4" To System.....	1,218.09	23.60
15639-0025	EA	2" Air Separator Boiler Fitting, 19 GPM With 2" Boiler Connection, 1-1/4" To System.....	1,380.19	29.68
15639-0026	EA	2" Air Separator Boiler Fitting, 26 GPM With 2" Boiler Connection, 1-1/2" To System.....	1,670.58	34.40
15639-0027	EA	2" Air Separator Boiler Fitting, 15 GPM Side Outlet With 2" Boiler Connection, 2" To System.....	1,962.19	40.47
15639-0028	EA	2" Air Separator Boiler Fitting, 18 GPM Side Outlet With 2" Boiler Connection, 2" To System.....	2,167.41	40.47
15639-0029	EA	3" Air Separator Boiler Fitting, 46 GPM With 3" Boiler Connection, 2" To System.....	2,527.42	63.35
15639-0030	EA	3" Air Separator Boiler Fitting, 68 GPM With 3" Boiler Connection, 2-1/2" To System.....	2,594.39	68.32
15639-0031	EA	3" Air Separator Boiler Fitting, 37 GPM Side Outlet With 3" Boiler Connection, 3" To System.....	2,753.44	68.32
15639-0032	EA	4" Air Separator Boiler Fitting, 125 GPM With 4" Boiler Connection, 3" To System.....	2,037.90	81.98
15639-0033	EA	4" Air Separator Boiler Fitting, 42 GPM Side Outlet With 4" Boiler Connection, 4" To System.....	2,475.34	81.98
15639-0034	EA	6" Air Separator Boiler Fitting, 220 GPM With 6" Boiler Connection, 4" To System.....	8,160.02	102.48
15639-0035	EA	6" Air Separator Boiler Fitting, 640 GPM With 6" Boiler Connection, 6" To System.....	9,375.74	102.48
15639-0036	EA	6" Air Separator Boiler Fitting, 180 GPM Side Outlet With 6" Boiler Connection, 6" To System.....	12,059.86	136.64
15639-0037	EA	8" Air Separator Boiler Fitting, 1200 GPM With 8" Boiler Connection, 8" To System.....	11,759.34	204.95
15639-0038		Air Separators <small>(15639)</small>		
15639-0039		Vortex Air Separators With Strainer <small>(15639-0038)</small>		
		Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
15639-0040	EA	2" Threaded, 56 GPM Vortex Air Separator With Strainer (Rolairtrol R-2N).....	796.77	143.67
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>86.88</i>	
15639-0041	EA	2-1/2" Threaded, 90 GPM Vortex Air Separator With Strainer (Rolairtrol R-2-1/2N).....	983.22	164.57
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>110.01</i>	
15639-0042	EA	3" Threaded, 190 GPM Vortex Air Separator With Strainer (Rolairtrol R-3N).....	1,499.61	193.58
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>180.96</i>	
15639-0043	EA	3" Flanged, 190 GPM Vortex Air Separator With Strainer (Rolairtrol R-3F).....	1,602.58	204.95
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>193.81</i>	
15639-0044	EA	4" Flanged, 300 GPM Vortex Air Separator With Strainer (Rolairtrol R-4F).....	2,069.38	273.27
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>248.30</i>	
15639-0045	EA	5" Flanged, 500 GPM Vortex Air Separator With Strainer (Rolairtrol R-5F).....	2,632.21	341.93
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>317.19</i>	
15639-0046	EA	6" Flanged, 700 GPM Vortex Air Separator With Strainer (Rolairtrol R-6F).....	3,119.35	387.19
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>379.91</i>	
15639-0047	EA	8" Flanged, 1300 GPM Vortex Air Separator With Strainer (Rolairtrol R-8F).....	4,467.05	464.50
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>564.46</i>	
15639-0048	EA	10" Flanged, 2000 GPM Vortex Air Separator With Strainer (Rolairtrol R-10F).....	6,838.70	527.98
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>905.81</i>	
15639-0049	EA	12" Flanged, 2750 GPM Vortex Air Separator With Strainer (Rolairtrol R-12F).....	9,218.99	683.24
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>1,227.56</i>	
15639-0050		Vortex Air Separators Without Strainer <small>(15639-0038)</small>		
15639-0051	EA	2" Threaded, 56 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-2N).....	683.67	143.67
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>69.92</i>	
15639-0052	EA	2-1/2" Threaded, 90 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-2-1/2N).....	859.84	164.57
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>91.51</i>	
15639-0053	EA	3" Threaded, 190 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-3N).....	1,468.77	193.58
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>176.33</i>	
15639-0054	EA	3" Flanged, 190 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-3F).....	1,331.84	204.95
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>153.20</i>	
15639-0055	EA	4" Flanged, 300 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-4F).....	1,784.92	273.27
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>205.63</i>	
15639-0056	EA	5" Flanged, 530 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-5F).....	2,334.05	341.93
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>272.46</i>	
15639-0057	EA	6" Flanged, 850 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-6F).....	2,714.94	387.19
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>319.24</i>	
15639-0058	EA	8" Flanged, 1900 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-8F).....	7,366.46	464.50
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>999.37</i>	
15639-0059	EA	10" Flanged, 3600 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-10F).....	4,991.44	527.98
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>628.72</i>	
15639-0060	EA	12" Flanged, 4800 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-12F).....	7,666.89	683.24
		<i>15MOD-0364 For 300 PSIG, Add</i>	<i>994.74</i>	
15639-0061		Grooved Vortex Air Separators With Strainer <small>(15639-0038)</small>		
15639-0062	EA	3" Grooved, 190 GPM Vortex Air Separator With Strainer (Rolairtrol R-3G).....	1,403.39	163.96
15639-0063	EA	4" Grooved, 300 GPM Vortex Air Separator With Strainer (Rolairtrol R-4G).....	1,986.37	218.47
15639-0064	EA	5" Grooved, 500 GPM Vortex Air Separator With Strainer (Rolairtrol R-5G).....	2,528.67	273.30
15639-0065	EA	6" Grooved, 700 GPM Vortex Air Separator With Strainer (Rolairtrol R-6G).....	3,001.98	309.75
15639-0066	EA	8" Grooved, 1300 GPM Vortex Air Separator With Strainer (Rolairtrol R-8G).....	4,319.39	371.70
15639-0067	EA	10" Grooved, 2000 GPM Vortex Air Separator With Strainer (Rolairtrol R-10G).....	6,946.02	422.38
15639-0068	EA	12" Grooved, 2750 GPM Vortex Air Separator With Strainer (Rolairtrol R-12G).....	10,556.19	546.65

15000 Mechanical
15600 Heat Generation Equipment
15639 Boiler Accessories And Repair



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15639-0069 Grooved Vortex Air Separators Without Strainer <small>(15639-0038)</small>		
15639-0070 EA 3" Grooved, 190 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-3G).....	1,122.36	163.96
15639-0071 EA 4" Grooved, 300 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-4G).....	1,701.91	218.47
15639-0072 EA 5" Grooved, 530 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-5G).....	2,230.51	273.30
15639-0073 EA 6" Grooved, 850 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-6G).....	2,597.57	309.75
15639-0074 EA 8" Grooved, 1900 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-8G).....	3,462.59	371.70
15639-0075 EA 10" Grooved, 3600 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-10G).....	5,071.34	422.38
15639-0076 EA 12" Grooved, 4800 GPM Vortex Air Separator Without Strainer (Rolairtrol RL-12G).....	8,394.27	546.65
15639-0077 Boiler And Chiller Water Treatment <small>(15639)</small>		
Note: 3 LB chemical per 50 gallon system water.		
15639-0078 LB Boil Out Boiler And System With Caustic Soda	0.78	
Note: Includes disposal after treatment.		
15639-0079 LB Boil Out Boiler And System With Trisodium Phosphate.....	1.17	
Note: Includes disposal after treatment.		
15639-0080 GAL Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required.....	72.88	
15639-0081 Boiler Repairs <small>(15639)</small>		
15639-0082 Setup And Maintenance <small>(15639-0081)</small>		
15639-0083 EA Set-up Charge For Boiler Fire Side Maintenance	1,537.96	
Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.		
15639-0084 EA Close-up Charge For Boiler Fire Side Maintenance.....	1,646.82	
Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.		
15MOD-0671 For Burner Seals, Add	553.80	
Note: Used when burner must be removed from door for maintenance.		
15639-0085 EA Setup Charge For Boiler Water Side Maintenance	2,050.61	
Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.		
15639-0086 EA Hydrostatic Test - Boiler Maintenance, Up To 100 HP.....	1,025.30	
Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.		
15639-0087 EA Hydrostatic Test - Boiler Maintenance, > 100 HP	2,050.61	
Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.		
15639-0088 EA Remove And Replace Handhole.....	64.08	
15639-0089 EA Remove And Replace Manhole	192.25	
15639-0090 SF Sheet Metal Jacket Patch	8.15	
15639-0091 Boiler Tube Replacement <small>(15639-0081)</small>		
15639-0092 EA Remove Up To 2" Boiler Tube	153.79	
15639-0093 EA Remove > 2" To 3" Boiler Tube	192.25	
15639-0094 EA Remove > 3" To 4" Boiler Tube	269.14	
15639-0095 LF Place 1-1/2" Boiler Tube Into Position For Termination	5.73	
15639-0096 LF Place 2" Boiler Tube Into Position For Termination	6.66	
15639-0097 LF Place 2-1/2" Boiler Tube Into Position For Termination	7.61	
15639-0098 LF Place 3" Boiler Tube Into Position For Termination	10.93	
15639-0099 LF Place 3-1/2" Boiler Tube Into Position For Termination	12.81	
15639-0100 LF Place 4" Boiler Tube Into Position For Termination	16.39	
15639-0101 EA 1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	19.22	
15639-0102 EA 2" Rolled Boiler Tube Termination (2 Per New Tube).....	28.83	
15639-0103 EA 2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	38.45	
15639-0104 EA 3" Rolled Boiler Tube Termination (2 Per New Tube).....	48.06	
15639-0105 EA 3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	57.68	
15639-0106 EA 4" Rolled Boiler Tube Termination (2 Per New Tube).....	67.29	
15639-0107 EA 1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	57.68	
15639-0108 EA 2" Welded Boiler Tube Termination (2 Per New Tube).....	76.90	
15639-0109 EA 2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	96.12	
15639-0110 EA 3" Welded Boiler Tube Termination (2 Per New Tube).....	115.35	
15639-0111 EA 3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	134.57	
15639-0112 EA 4" Welded Boiler Tube Termination (2 Per New Tube).....	153.79	
15639-0113 EA Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	193.76	
15639-0114 Cast Iron Boiler Section Replacement <small>(15639-0081)</small>		
15639-0115 EA Replace Front Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,839.30	
15639-0116 EA Replace Rear Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,304.66	
15639-0117 EA Replace Inside Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,562.10	
15639-0118 EA Replace Front Section Of Weil McLain Model 88 Cast Iron Boiler.....	3,456.36	
15639-0119 EA Replace Rear Section Of Weil McLain Model 88 Cast Iron Boiler.....	2,622.48	
15639-0120 EA Replace Inside Section Of Weil McLain Model 88 Cast Iron Boiler.....	2,926.16	
15639-0121 EA Replace Front Section Of Weil McLain Model 94 Cast Iron Boiler.....	5,695.57	
15639-0122 EA Replace Rear Section Of Weil McLain Model 94 Cast Iron Boiler.....	4,546.95	
15639-0123 EA Replace Inside Section Of Weil McLain Model 94 Cast Iron Boiler.....	4,688.19	
15639-0124 Cast Iron Grate Replacement <small>(15639-0081)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15639-0125	SF	Replace Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	94.46	
15639-0126	EA	Prepare Cast Iron Boiler Grate Mold..... Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	1,471.32	
15639-0127		Replacement Or Conversion Of Boiler Burners <small>(15639-0081)</small> Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
15639-0128	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	5,123.77	661.79
		<i>15MOD-0365 For 12 PPM Burner, Add</i>	808.58	
15639-0129	EA	2100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	7,360.31	819.34
		<i>15MOD-0365 For 12 PPM Burner, Add</i>	1,204.41	
15639-0130	EA	2800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	8,699.89	992.62
		<i>15MOD-0365 For 12 PPM Burner, Add</i>	1,415.71	
15639-0131	EA	3800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	10,237.29	1,068.10
		<i>15MOD-0365 For 12 PPM Burner, Add</i>	1,698.55	
15642		Feedwater Equipment <small>(15600)</small> Note: Includes pumps and accessories.		
15642-0001		Boiler Feed System <small>(15642)</small>		
15642-0002		Low Pressure Boiler Feed System <small>(15642-0001)</small> Note: With deaerator includes pumps and accessories		
15642-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	4,405.25	776.31
15642-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	4,733.29	914.58
15642-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,095.14	946.62
15642-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,256.41	981.36
15642-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,559.25	1,048.80
15642-0008	EA	104 HP, 1020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	9,053.87	1,136.48
15642-0009	EA	158 HP, 1550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	10,235.39	1,214.05
15642-0010	EA	219 HP, 2150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	11,736.94	1,382.66
15642-0011	EA	254 HP, 2500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	12,926.78	1,483.84
15642-0012	EA	305 HP, 3000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,931.58	1,585.01
15642-0013		High Pressure Boiler Feed System <small>(15642-0001)</small> Note: With deaerator includes pumps and accessories		
15642-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,237.77	661.86
15642-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,474.16	776.31
15642-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,187.90	914.58
15642-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,781.30	946.62
15642-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,912.22	981.36
15642-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	9,589.31	1,048.80
15642-0020	EA	104 HP, 1020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	12,547.97	1,136.48
15642-0021	EA	158 HP, 1550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	12,855.72	1,214.05
15642-0022	EA	183 HP, 1800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	14,155.14	1,300.11
15642-0023	EA	219 HP, 2150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	15,237.85	1,382.66
15642-0024	EA	254 HP, 2500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	16,300.58	1,483.84
15642-0025	EA	305 HP, 3000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	17,587.08	1,585.01
15642-0026		Boiler Feedwater System <small>(15642)</small> Note: With deaerator includes pumps and accessories		
15642-0027	EA	1380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	7,767.42	914.58
15642-0028	EA	2600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	10,172.66	1,047.79
15642-0029	EA	4300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	13,484.77	1,199.21
15642-0030	EA	6900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	16,240.80	1,383.34
15642-0031	EA	8500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	17,231.61	1,483.84
15642-0032	EA	11000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	18,170.56	1,585.01
15642-0033	EA	13800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	20,212.84	1,821.14
15642-0034	EA	17250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	26,226.85	2,090.99
15642-0035	EA	20700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	34,148.37	2,416.09
15642-0036	EA	27600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	43,313.76	2,773.43
15642-0037	EA	34500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	55,646.18	3,190.92
15642-0038		Duplex Vacuum Condensate Pumps <small>(15642)</small>		
15642-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	15,421.68	539.58
15642-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	15,777.03	573.31
15642-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	16,184.72	607.03
15642-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump..... Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	17,770.17	640.75

15000 Mechanical
15600 Heat Generation Equipment
15642 Feedwater Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15642-0043	EA		28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	21,187.70	674.47
15642-0044	EA		42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	22,302.05	708.20

15650 Refrigeration (15000)

15655 Refrigerant Compressors (15650)

15655-0001 Reciprocating Open Type Refrigerant Compressors (15655)

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

15655-0002 Reciprocating Open Type Refrigerant Compressors < 5 Tons (15655-0001)

15655-0003	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	354.62	67.25
	15MOD-0366	For Direct Drive Couplings, Add	7.70	
	15MOD-0367	For Muffler, Add	5.50	
	15MOD-0368	For Crankcase Heater, Add	11.01	
15655-0004	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	415.34	67.25
	15MOD-0366	For Direct Drive Couplings, Add	9.83	
	15MOD-0367	For Muffler, Add	7.02	
	15MOD-0368	For Crankcase Heater, Add	14.04	
15655-0005	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	560.28	84.04
	15MOD-0366	For Direct Drive Couplings, Add	13.73	
	15MOD-0367	For Muffler, Add	9.80	
	15MOD-0368	For Crankcase Heater, Add	19.61	
15655-0006	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	685.51	84.04
	15MOD-0366	For Direct Drive Couplings, Add	18.11	
	15MOD-0367	For Muffler, Add	12.93	
	15MOD-0368	For Crankcase Heater, Add	25.87	
15655-0007	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	761.41	84.04
	15MOD-0366	For Direct Drive Couplings, Add	20.76	
	15MOD-0367	For Muffler, Add	14.83	
	15MOD-0368	For Crankcase Heater, Add	29.66	
15655-0008	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	772.57	87.43
	15MOD-0366	For Direct Drive Couplings, Add	20.92	
	15MOD-0367	For Muffler, Add	14.94	
	15MOD-0368	For Crankcase Heater, Add	29.89	
15655-0009	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	777.00	87.43
	15MOD-0366	For Direct Drive Couplings, Add	21.07	
	15MOD-0367	For Muffler, Add	15.05	
	15MOD-0368	For Crankcase Heater, Add	30.11	
15655-0010	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	852.44	94.15
	15MOD-0366	For Direct Drive Couplings, Add	23.24	
	15MOD-0367	For Muffler, Add	16.60	
	15MOD-0368	For Crankcase Heater, Add	33.21	
15655-0011	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	916.49	100.88
	15MOD-0366	For Direct Drive Couplings, Add	25.02	
	15MOD-0367	For Muffler, Add	17.87	
	15MOD-0368	For Crankcase Heater, Add	35.74	
15655-0012	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	998.25	107.61
	15MOD-0366	For Direct Drive Couplings, Add	27.41	
	15MOD-0367	For Muffler, Add	19.58	
	15MOD-0368	For Crankcase Heater, Add	39.15	
15655-0013	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,128.54	107.61
	15MOD-0366	For Direct Drive Couplings, Add	31.97	
	15MOD-0367	For Muffler, Add	22.83	
	15MOD-0368	For Crankcase Heater, Add	45.67	
15655-0014	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,263.43	114.33
	15MOD-0366	For Direct Drive Couplings, Add	36.22	
	15MOD-0367	For Muffler, Add	25.87	
	15MOD-0368	For Crankcase Heater, Add	51.74	
15655-0015	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	1,292.07	121.06
	15MOD-0366	For Direct Drive Couplings, Add	36.75	
	15MOD-0367	For Muffler, Add	26.25	
	15MOD-0368	For Crankcase Heater, Add	52.50	
15655-0016	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,313.96	124.39
	15MOD-0366	For Direct Drive Couplings, Add	37.28	
	15MOD-0367	For Muffler, Add	26.63	
	15MOD-0368	For Crankcase Heater, Add	53.26	
15655-0017	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	2,084.63	651.18
	15MOD-0366	For Direct Drive Couplings, Add	38.74	
	15MOD-0367	For Muffler, Add	27.67	
	15MOD-0368	For Crankcase Heater, Add	55.34	
15655-0019	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	4,050.22	837.22
	15MOD-0366	For Direct Drive Couplings, Add	97.76	
	15MOD-0367	For Muffler, Add	69.83	
	15MOD-0368	For Crankcase Heater, Add	139.66	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15655-0020	EA 15 Ton Refrigerant Compressor, Reciprocating Open Type.....	6,526.62	976.77
	15MOD-0366 For Direct Drive Couplings, Add	177.10	
	15MOD-0367 For Muffler, Add	126.50	
	15MOD-0368 For Crankcase Heater, Add	253.00	
15655-0021	EA 20 Ton Refrigerant Compressor, Reciprocating Open Type.....	7,831.94	1,172.12
	15MOD-0366 For Direct Drive Couplings, Add	212.52	
	15MOD-0367 For Muffler, Add	151.80	
	15MOD-0368 For Crankcase Heater, Add	303.60	
15655-0022	EA 25 Ton Refrigerant Compressor, Reciprocating Open Type.....	9,376.60	1,259.80
	15MOD-0366 For Direct Drive Couplings, Add	261.98	
	15MOD-0367 For Muffler, Add	187.13	
	15MOD-0368 For Crankcase Heater, Add	374.25	
15655-0023	EA 30 Ton Refrigerant Compressor, Reciprocating Open Type.....	10,854.93	1,331.96
	15MOD-0366 For Direct Drive Couplings, Add	309.93	
	15MOD-0367 For Muffler, Add	221.38	
	15MOD-0368 For Crankcase Heater, Add	442.75	
15655-0024	EA 50 Ton Refrigerant Compressor, Reciprocating Open Type.....	14,147.33	1,502.74
	15MOD-0366 For Direct Drive Couplings, Add	416.19	
	15MOD-0367 For Muffler, Add	297.28	
	15MOD-0368 For Crankcase Heater, Add	594.55	
15655-0025	EA 60 Ton Refrigerant Compressor, Reciprocating Open Type.....	16,610.21	1,542.14
	15MOD-0366 For Direct Drive Couplings, Add	500.31	
	15MOD-0367 For Muffler, Add	357.36	
	15MOD-0368 For Crankcase Heater, Add	714.73	
15655-0026	EA 70 Ton Refrigerant Compressor, Reciprocating Open Type.....	20,675.22	1,581.49
	15MOD-0366 For Direct Drive Couplings, Add	640.48	
	15MOD-0367 For Muffler, Add	457.49	
	15MOD-0368 For Crankcase Heater, Add	914.97	
15655-0027	EA 75 Ton Refrigerant Compressor, Reciprocating Open Type.....	21,694.27	1,601.23
	15MOD-0366 For Direct Drive Couplings, Add	675.15	
	15MOD-0367 For Muffler, Add	482.25	
	15MOD-0368 For Crankcase Heater, Add	964.50	
15655-0028	EA 80 Ton Refrigerant Compressor, Reciprocating Open Type.....	22,671.01	1,620.91
	15MOD-0366 For Direct Drive Couplings, Add	708.31	
	15MOD-0367 For Muffler, Add	505.94	
	15MOD-0368 For Crankcase Heater, Add	1,011.87	
15655-0029	EA 90 Ton Refrigerant Compressor, Reciprocating Open Type.....	24,499.89	1,660.25
	15MOD-0366 For Direct Drive Couplings, Add	770.30	
	15MOD-0367 For Muffler, Add	550.21	
	15MOD-0368 For Crankcase Heater, Add	1,100.42	
15655-0030	EA 100 Ton Refrigerant Compressor, Reciprocating Open Type.....	26,162.07	1,699.72
	15MOD-0366 For Direct Drive Couplings, Add	826.35	
	15MOD-0367 For Muffler, Add	590.25	
	15MOD-0368 For Crankcase Heater, Add	1,180.50	
15655-0031	EA 110 Ton Refrigerant Compressor, Reciprocating Open Type.....	28,100.15	1,944.71
	15MOD-0366 For Direct Drive Couplings, Add	876.51	
	15MOD-0367 For Muffler, Add	626.08	
	15MOD-0368 For Crankcase Heater, Add	1,252.16	
15655-0032	EA 120 Ton Refrigerant Compressor, Reciprocating Open Type.....	29,430.29	1,988.23
	15MOD-0366 For Direct Drive Couplings, Add	920.74	
	15MOD-0367 For Muffler, Add	657.67	
	15MOD-0368 For Crankcase Heater, Add	1,315.35	
15655-0033	EA 130 Ton Refrigerant Compressor, Reciprocating Open Type.....	30,566.38	2,013.53
	15MOD-0366 For Direct Drive Couplings, Add	959.09	
	15MOD-0367 For Muffler, Add	685.06	
	15MOD-0368 For Crankcase Heater, Add	1,370.12	
15655-0034	EA 140 Ton Refrigerant Compressor, Reciprocating Open Type.....	31,590.21	2,075.83
	15MOD-0366 For Direct Drive Couplings, Add	991.49	
	15MOD-0367 For Muffler, Add	708.21	
	15MOD-0368 For Crankcase Heater, Add	1,416.42	
15655-0035	EA 150 Ton Refrigerant Compressor, Reciprocating Open Type.....	32,417.88	2,119.36
	15MOD-0366 For Direct Drive Couplings, Add	1,018.06	
	15MOD-0367 For Muffler, Add	727.19	
	15MOD-0368 For Crankcase Heater, Add	1,454.37	
15655-0036	EA 175 Ton Refrigerant Compressor, Reciprocating Open Type.....	33,266.90	2,177.43
	15MOD-0366 For Direct Drive Couplings, Add	1,044.62	
	15MOD-0367 For Muffler, Add	746.16	
	15MOD-0368 For Crankcase Heater, Add	1,492.32	
15655-0037	EA 185 Ton Refrigerant Compressor, Reciprocating Open Type.....	34,063.28	2,200.84
	15MOD-0366 For Direct Drive Couplings, Add	1,071.19	
	15MOD-0367 For Muffler, Add	765.14	
	15MOD-0368 For Crankcase Heater, Add	1,530.27	
15655-0038	EA 200 Ton Refrigerant Compressor, Reciprocating Open Type.....	34,879.90	2,237.26
	15MOD-0366 For Direct Drive Couplings, Add	1,097.75	
	15MOD-0367 For Muffler, Add	784.11	
	15MOD-0368 For Crankcase Heater, Add	1,568.22	
15655-0039	EA 225 Ton Refrigerant Compressor, Reciprocating Open Type.....	35,876.61	2,388.15
	15MOD-0366 For Direct Drive Couplings, Add	1,124.32	
	15MOD-0367 For Muffler, Add	803.09	
	15MOD-0368 For Crankcase Heater, Add	1,606.17	
15655-0040	EA 250 Ton Refrigerant Compressor, Reciprocating Open Type.....	36,837.34	2,516.89
	15MOD-0366 For Direct Drive Couplings, Add	1,150.88	
	15MOD-0367 For Muffler, Add	822.06	
	15MOD-0368 For Crankcase Heater, Add	1,644.12	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15655-0041			Reciprocating Hermetic Type Refrigerant Compressors ⁽¹⁵⁶⁵⁵⁾		
			Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.		
15655-0042			Reciprocating Hermetic Type Refrigerant Compressors <5 Tons ⁽¹⁵⁶⁵⁵⁻⁰⁰⁴¹⁾		
15655-0043	EA		1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	431.71	67.25
	15MOD-0369		For Muffler, Add	13.37	
15655-0044	EA		1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	444.36	67.25
	15MOD-0369		For Muffler, Add	13.94	
15655-0045	EA		1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	490.63	84.04
	15MOD-0369		For Muffler, Add	14.51	
15655-0046	EA		3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	503.28	84.04
	15MOD-0369		For Muffler, Add	15.08	
15655-0047	EA		1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	509.60	84.04
	15MOD-0369		For Muffler, Add	15.37	
15655-0048	EA		1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	526.45	87.43
	15MOD-0369		For Muffler, Add	15.82	
15655-0049	EA		1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	540.36	87.43
	15MOD-0369		For Muffler, Add	16.45	
15655-0050	EA		1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	580.38	94.15
	15MOD-0369		For Muffler, Add	17.64	
15655-0051	EA		2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	619.12	100.88
	15MOD-0369		For Muffler, Add	18.78	
15655-0052	EA		2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	670.50	107.61
	15MOD-0369		For Muffler, Add	20.49	
15655-0053	EA		3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	695.80	107.61
	15MOD-0369		For Muffler, Add	21.63	
15655-0054	EA		3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	747.19	114.33
	15MOD-0369		For Muffler, Add	23.33	
15655-0055	EA		4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	874.47	121.06
	15MOD-0369		For Muffler, Add	28.46	
15655-0056	EA		4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	950.74	124.39
	15MOD-0369		For Muffler, Add	31.59	
15655-0057			Reciprocating Hermetic Type Refrigerant Compressors ⁽¹⁵⁶⁵⁵⁻⁰⁰⁴¹⁾		
15655-0058	EA		5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,278.33	334.89
	15MOD-0369		For Muffler, Add	34.90	
15655-0059	EA		10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,290.32	418.62
	15MOD-0369		For Muffler, Add	74.78	
15655-0060	EA		15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,701.34	509.63
	15MOD-0369		For Muffler, Add	132.13	
15655-0061	EA		20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	4,673.88	586.06
	15MOD-0369		For Muffler, Add	170.73	
15655-0062	EA		25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,164.42	651.18
	15MOD-0369		For Muffler, Add	188.40	
15655-0063	EA		30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,732.72	732.58
	15MOD-0369		For Muffler, Add	208.47	
15655-0064	EA		35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	7,343.13	837.22
	15MOD-0369		For Muffler, Add	273.87	
15655-0065	EA		40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,288.65	837.22
	15MOD-0369		For Muffler, Add	361.42	
15655-0066	EA		50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	11,435.12	976.77
	15MOD-0369		For Muffler, Add	448.58	
15655-0067	EA		60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	12,839.38	1,046.54
	15MOD-0369		For Muffler, Add	507.06	
15655-0068	EA		70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,559.95	1,096.76
	15MOD-0369		For Muffler, Add	536.10	
15655-0069	EA		75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,955.35	1,150.94
	15MOD-0369		For Muffler, Add	550.22	
15655-0070	EA		80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,333.27	1,155.41
15655-0071	EA		90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,053.62	1,209.77
15655-0072	EA		100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,777.96	1,259.80
15655-0073			Scroll Refrigerant Compressors ⁽¹⁵⁶⁵⁵⁾		
15655-0074	EA		Up To 3 Ton Scroll Refrigerant Compressor	792.47	107.48
15655-0075	EA		3.5 Ton Scroll Refrigerant Compressor	831.29	114.39
15655-0076	EA		4 Ton Scroll Refrigerant Compressor	852.49	121.00
15655-0077	EA		4.5 Ton Scroll Refrigerant Compressor	869.41	124.45
15655-0078	EA		5 Ton Scroll Refrigerant Compressor	1,077.77	157.14
15655-0079	EA		7.5 Ton Scroll Refrigerant Compressor	2,038.10	235.71
15655-0080	EA		8.75 Ton Scroll Refrigerant Compressor	2,333.11	274.99
15655-0081	EA		10 Ton Scroll Refrigerant Compressor	2,615.37	314.27
15655-0082	EA		12 Ton Scroll Refrigerant Compressor	3,160.20	377.13
15655-0083	EA		13.5 Ton Scroll Refrigerant Compressor	3,721.62	424.27
15655-0084	EA		15 Ton Scroll Refrigerant Compressor	4,359.33	471.41
15655-0085	EA		20 Ton Scroll Refrigerant Compressor	6,135.76	628.55
15655-0086	EA		25 Ton Scroll Refrigerant Compressor	6,934.54	785.68
15655-0087	EA		30 Ton Scroll Refrigerant Compressor	7,437.39	942.83
15655-0088			Rotary Screw Type Refrigerant Compressors ⁽¹⁵⁶⁵⁵⁾		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Includes vibration absorbers, oil separator, heat interchanger, gauges, low and high pressure safety cutouts, capacity unloader, and automatic controls systems.

15655-0089	Rotary Screw Type Refrigerant Compressors <small>(15655-0088)</small>		
15655-0090	EA 75 Ton Refrigerant Compressor, Rotary Screw Type	16,473.33	1,601.23
15655-0091	EA 80 Ton Refrigerant Compressor, Rotary Screw Type	16,956.42	1,620.91
15655-0092	EA 90 Ton Refrigerant Compressor, Rotary Screw Type	18,001.40	1,660.25
15655-0093	EA 100 Ton Refrigerant Compressor, Rotary Screw Type	19,036.88	1,699.72
15655-0094	EA 110 Ton Refrigerant Compressor, Rotary Screw Type	20,688.63	1,944.71
15655-0095	EA 120 Ton Refrigerant Compressor, Rotary Screw Type	21,900.98	1,988.23
15655-0096	EA 130 Ton Refrigerant Compressor, Rotary Screw Type	23,076.18	2,013.53
15655-0097	EA 140 Ton Refrigerant Compressor, Rotary Screw Type	24,319.98	2,075.83
15655-0098	EA 150 Ton Refrigerant Compressor, Rotary Screw Type	25,531.73	2,119.36
15655-0099	EA 170 Ton Refrigerant Compressor, Rotary Screw Type	27,228.70	2,177.43
15655-0100	EA 185 Ton Refrigerant Compressor, Rotary Screw Type	28,419.07	2,200.84
15655-0101	EA 200 Ton Refrigerant Compressor, Rotary Screw Type	28,987.12	2,237.26
15655-0102	EA 215 Ton Refrigerant Compressor, Rotary Screw Type	32,460.64	2,388.15
15655-0103	EA 225 Ton Refrigerant Compressor, Rotary Screw Type	35,860.94	2,516.89

15655-0104 Centrifugal Compressor (15655)

15655-0105	Turbocor Magnetic-Bearing Centrifugal Compressor <small>(15655-0104)</small>		
	Note: Includes compressor commissioning. May be used in parallel for larger capacities. Excludes piping, refrigerant and electric expansion valve.		
15655-0106	EA 60 Ton R-134a Water-Cooled Centrifugal Compressor	20,385.58	1,037.11
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,011.47	
15655-0107	EA 70 Ton R-134a Water-Cooled Centrifugal Compressor	21,661.01	1,087.39
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,030.15	
15655-0108	EA 80 Ton R-134a Water-Cooled Centrifugal Compressor	23,149.01	1,143.96
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,051.93	
15655-0109	EA 90 Ton R-134a Water-Cooled Centrifugal Compressor	24,930.73	1,200.53
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,072.17	
15655-0110	EA 60 Ton R-134a Air-Cooled Centrifugal Compressor	20,985.58	1,037.11
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,011.47	
15655-0111	EA 70 Ton R-134a Air-Cooled Centrifugal Compressor	22,261.01	1,087.39
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,030.15	
15655-0112	EA 80 Ton R-134a Air-Cooled Centrifugal Compressor	23,949.01	1,143.96
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,051.93	
15655-0113	EA 90 Ton R-134a Air-Cooled Centrifugal Compressor	25,530.73	1,200.53
	Note: Magnetic bearings.		
	15MOD-0370 For > 1 Compressor Installation, Deduct	-1,072.17	

15655-0114 Controller for Magnetic-Bearing Centrifugal Compressor (15655-0104)

15655-0115	EA Up to 2 Compressor Controller	4,314.20	314.27
	Note: For magnetic bearing frictionless centrifugal compressor.		
15655-0116	EA 3 To 6 Compressor Controller	5,914.20	314.27
	Note: For magnetic bearing frictionless centrifugal compressor.		

15661 Air Cooled Condensing Units (15650)

15661-0001	Air Cooled Condensing Units <small>(15661)</small>		
	Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. 13 SEER. Excludes piping and power wiring.		
15661-0002	EA 5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	1,940.74	431.64
	15MOD-0371 For > 10 To 25, Deduct	-38.61	
	15MOD-0372 For > 25 To 50, Deduct	-64.35	
	15MOD-0373 For > 50, Deduct	-102.96	
	15MOD-0374 For Low Ambient Protection, 0 Degree F, Add	330.75	
	15MOD-0382 For Winter Start Control, Add	116.85	
15661-0003	EA 7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	4,698.12	512.37
	15MOD-0371 For > 10 To 25, Deduct	-117.65	
	15MOD-0372 For > 25 To 50, Deduct	-196.09	
	15MOD-0373 For > 50, Deduct	-313.74	
	15MOD-0375 For Low Ambient Protection, 0 Degree F, Add	507.82	
	15MOD-0383 For Winter Start Control, Add	156.07	
15661-0004	EA 10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	6,114.35	630.37
	15MOD-0371 For > 10 To 25, Deduct	-154.77	
	15MOD-0372 For > 25 To 50, Deduct	-257.94	
	15MOD-0373 For > 50, Deduct	-412.71	
	15MOD-0376 For Low Ambient Protection, 0 Degree F, Add	599.99	
	15MOD-0383 For Winter Start Control, Add	198.72	

15000 Mechanical
15650 Refrigeration
15661 Air Cooled Condensing Units



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15661-0005 EA 15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	9,062.94	683.17
15MOD-0371 For > 10 To 25, Deduct	-240.84	
15MOD-0372 For > 25 To 50, Deduct	-401.39	
15MOD-0373 For > 50, Deduct	-642.23	
15MOD-0377 For Low Ambient Protection, 0 Degree F, Add	740.45	
15MOD-0384 For Winter Start Control, Add	183.79	
15661-0006 EA 20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,691.47	819.79
15MOD-0371 For > 10 To 25, Deduct	-313.48	
15MOD-0372 For > 25 To 50, Deduct	-522.47	
15MOD-0373 For > 50, Deduct	-835.95	
15MOD-0377 For Low Ambient Protection, 0 Degree F, Add	937.49	
15MOD-0384 For Winter Start Control, Add	228.70	
15661-0007 EA 25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	13,310.99	881.91
15MOD-0371 For > 10 To 25, Deduct	-359.28	
15MOD-0372 For > 25 To 50, Deduct	-598.80	
15MOD-0373 For > 50, Deduct	-958.08	
15MOD-0378 For Low Ambient Protection, 0 Degree F, Add	992.44	
15MOD-0384 For Winter Start Control, Add	253.26	
15661-0008 EA 30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	15,274.94	962.64
15MOD-0371 For > 10 To 25, Deduct	-414.55	
15MOD-0372 For > 25 To 50, Deduct	-690.92	
15MOD-0373 For > 50, Deduct	-1,105.47	
15MOD-0379 For Low Ambient Protection, 0 Degree F, Add	1,055.05	
15MOD-0384 For Winter Start Control, Add	283.84	
15661-0009 EA 40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	21,088.88	1,172.91
15MOD-0371 For > 10 To 25, Deduct	-578.40	
15MOD-0372 For > 25 To 50, Deduct	-964.00	
15MOD-0373 For > 50, Deduct	-1,542.40	
15MOD-0379 For Low Ambient Protection, 0 Degree F, Add	1,416.22	
15MOD-0384 For Winter Start Control, Add	373.69	
15661-0010 EA 50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	25,600.83	1,474.53
15MOD-0371 For > 10 To 25, Deduct	-699.80	
15MOD-0372 For > 25 To 50, Deduct	-1,166.34	
15MOD-0373 For > 50, Deduct	-1,866.14	
15MOD-0380 For Low Ambient Protection, 0 Degree F, Add	1,501.58	
15MOD-0385 For Winter Start Control, Add	344.04	
15661-0011 EA 60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	29,511.88	1,627.43
15MOD-0371 For > 10 To 25, Deduct	-812.05	
15MOD-0372 For > 25 To 50, Deduct	-1,353.42	
15MOD-0373 For > 50, Deduct	-2,165.46	
15MOD-0380 For Low Ambient Protection, 0 Degree F, Add	1,693.62	
15MOD-0385 For Winter Start Control, Add	379.70	
15661-0012 EA 80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	38,277.60	1,779.62
15MOD-0371 For > 10 To 25, Deduct	-1,065.99	
15MOD-0372 For > 25 To 50, Deduct	-1,776.65	
15MOD-0373 For > 50, Deduct	-2,842.65	
15MOD-0380 For Low Ambient Protection, 0 Degree F, Add	2,107.45	
15MOD-0385 For Winter Start Control, Add	452.12	
15661-0013 EA 100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	52,876.63	1,602.36
15MOD-0371 For > 10 To 25, Deduct	-1,488.44	
15MOD-0372 For > 25 To 50, Deduct	-2,480.74	
15MOD-0373 For > 50, Deduct	-3,969.18	
15MOD-0381 For Low Ambient Protection, 0 Degree F, Add	2,303.92	
15MOD-0385 For Winter Start Control, Add	574.27	
15661-0014 EA 120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	65,226.37	1,656.68
15MOD-0371 For > 10 To 25, Deduct	-1,855.62	
15MOD-0372 For > 25 To 50, Deduct	-3,092.69	
15MOD-0373 For > 50, Deduct	-4,948.31	
15MOD-0381 For Low Ambient Protection, 0 Degree F, Add	2,698.74	

15661-0015 Air Cooled Condensing Units (15661)

Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 13 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

15661-0016 EA 1.5 Ton 13 SEER Air Cooled Condensing Unit	1,557.80	226.10
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
15MOD-0371 For > 10 To 25, Deduct	-36.56	
15MOD-0372 For > 25 To 50, Deduct	-60.93	
15MOD-0373 For > 50, Deduct	-97.49	
15MOD-0386 For 14 SEER, Add	255.92	
15MOD-0684 For 15 SEER, Add	292.48	
15MOD-0685 For 16 SEER, Add	499.65	
15MOD-0686 For 18 SEER, Add	1,084.60	
15661-0017 EA 2 Ton 13 SEER Air Cooled Condensing Unit	1,673.14	251.35
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
15MOD-0371 For > 10 To 25, Deduct	-38.89	
15MOD-0372 For > 25 To 50, Deduct	-64.82	
15MOD-0373 For > 50, Deduct	-103.70	
15MOD-0386 For 14 SEER, Add	272.22	
15MOD-0684 For 15 SEER, Add	311.11	
15MOD-0685 For 16 SEER, Add	531.48	
15MOD-0686 For 18 SEER, Add	1,153.71	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15661-0018	EA	2.5 Ton 13 SEER Air Cooled Condensing Unit.....	1,772.66	276.48
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	15MOD-0371	For > 10 To 25, Deduct	-40.74	
	15MOD-0372	For > 25 To 50, Deduct	-67.91	
	15MOD-0373	For > 50, Deduct	-108.65	
	15MOD-0386	For 14 SEER, Add	285.21	
	15MOD-0684	For 15 SEER, Add	325.96	
	15MOD-0685	For 16 SEER, Add	556.84	
	15MOD-0686	For 18 SEER, Add	1,208.75	
15661-0019	EA	3 Ton 13 SEER Air Cooled Condensing Unit.....	2,040.66	301.46
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	15MOD-0371	For > 10 To 25, Deduct	-47.65	
	15MOD-0372	For > 25 To 50, Deduct	-79.42	
	15MOD-0373	For > 50, Deduct	-127.08	
	15MOD-0386	For 14 SEER, Add	333.58	
	15MOD-0684	For 15 SEER, Add	381.23	
	15MOD-0685	For 16 SEER, Add	651.27	
	15MOD-0686	For 18 SEER, Add	1,413.73	
15661-0020	EA	3.5 Ton 13 SEER Air Cooled Condensing Unit.....	2,158.63	326.76
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	15MOD-0371	For > 10 To 25, Deduct	-50.06	
	15MOD-0372	For > 25 To 50, Deduct	-83.44	
	15MOD-0373	For > 50, Deduct	-133.50	
	15MOD-0386	For 14 SEER, Add	350.44	
	15MOD-0684	For 15 SEER, Add	400.50	
	15MOD-0685	For 16 SEER, Add	684.18	
	15MOD-0686	For 18 SEER, Add	1,485.18	
15661-0021	EA	4 Ton 13 SEER Air Cooled Condensing Unit.....	2,409.50	351.89
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	15MOD-0371	For > 10 To 25, Deduct	-56.46	
	15MOD-0372	For > 25 To 50, Deduct	-94.10	
	15MOD-0373	For > 50, Deduct	-150.56	
	15MOD-0386	For 14 SEER, Add	395.21	
	15MOD-0684	For 15 SEER, Add	451.67	
	15MOD-0685	For 16 SEER, Add	771.60	
	15MOD-0686	For 18 SEER, Add	1,674.93	
15661-0022	EA	5 Ton 13 SEER Air Cooled Condensing Unit.....	2,725.47	376.84
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	15MOD-0371	For > 10 To 25, Deduct	-64.81	
	15MOD-0372	For > 25 To 50, Deduct	-108.01	
	15MOD-0373	For > 50, Deduct	-172.82	
	15MOD-0386	For 14 SEER, Add	453.65	
	15MOD-0684	For 15 SEER, Add	518.45	
	15MOD-0685	For 16 SEER, Add	885.69	
	15MOD-0686	For 18 SEER, Add	1,922.60	
	15MOD-0705	For 15 SEER, Add	518.45	
	15MOD-0706	For 16 SEER, Add	885.69	
	15MOD-0707	For 18 SEER, Add	1,922.60	
15661-0023	A/C Evaporator Coils For Furnaces <small>(15661)</small>			
15661-0024	Upflow A/C Evaporator Coils <small>(15661-0023)</small>			
15661-0025	EA	1-1/2 Ton Cooling A/C Evaporator Coil, Upflow.....	316.66	67.45
15661-0026	EA	2 Ton Cooling A/C Evaporator Coil, Upflow.....	365.49	72.50
15661-0027	EA	2-1/2 Ton Cooling A/C Evaporator Coil, Upflow.....	407.59	77.57
15661-0028	EA	3 Ton Cooling A/C Evaporator Coil, Upflow.....	442.95	82.62
15661-0029	EA	3-1/2 Ton Cooling A/C Evaporator Coil, Upflow.....	508.60	85.99
15661-0030	EA	4 Ton Cooling A/C Evaporator Coil, Upflow.....	565.84	89.37
15661-0031	EA	4-1/2 Ton Cooling A/C Evaporator Coil, Upflow.....	638.23	96.11
15661-0032	EA	5 Ton Cooling A/C Evaporator Coil, Upflow.....	698.85	101.17
15661-0033	Downflow A/C Evaporator Coils <small>(15661-0023)</small>			
15661-0034	EA	2-1/2 Ton Cooling A/C Evaporator Coil, Downflow.....	436.24	91.05
15661-0035	EA	3 Ton Cooling A/C Evaporator Coil, Downflow.....	498.54	97.80
15661-0036	EA	3-1/2 Ton Cooling A/C Evaporator Coil, Downflow.....	552.41	104.54
15661-0037	EA	4 Ton Cooling A/C Evaporator Coil, Downflow.....	618.09	111.29
15661-0038	EA	4-1/2 Ton Cooling A/C Evaporator Coil, Downflow.....	678.68	116.34
15661-0039	EA	5 Ton Cooling A/C Evaporator Coil, Downflow.....	739.30	123.08
15661-0040	Horizontal A/C Evaporator Coils <small>(15661-0023)</small>			
15661-0041	EA	2 Ton Cooling A/C Evaporator Coil, Horizontal.....	395.78	69.14
15661-0042	EA	2-1/2 Ton Cooling A/C Evaporator Coil, Horizontal.....	423.70	73.01
15661-0043	EA	3 Ton Cooling A/C Evaporator Coil, Horizontal.....	450.67	77.57
15661-0044	EA	3-1/2 Ton Cooling A/C Evaporator Coil, Horizontal.....	418.23	80.36
15661-0045	EA	4 Ton Cooling A/C Evaporator Coil, Horizontal.....	540.58	84.31
15661-0046	EA	4-1/2 Ton Cooling A/C Evaporator Coil, Horizontal.....	615.08	88.69
15661-0047	EA	5 Ton Cooling A/C Evaporator Coil, Horizontal.....	679.29	93.07
15661-0048	Removal And Reinstallation Of AC Condensing Unit <small>(15661)</small>			
		Note: Includes storage and cleaning		

15000 Mechanical
15650 Refrigeration
 15661 Air Cooled Condensing Units



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15661-0049 EA Remove And Reinstall Air Cooled Condensing Unit Up To 5 Tons.....	231.38	
15661-0050 EA Remove And Reinstall Air Cooled Condensing Unit 7.5 To 15 Tons	867.70	
15661-0051 EA Remove And Reinstall Air Cooled Condensing Unit 20 To 40 Tons	1,304.75	

15662 Water Cooled Condensing Units (15650)

15662-0001 Water Cooled Condensing Units (15662)

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

15662-0002 EA 5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	3,865.40	431.64
15662-0003 EA 10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	5,857.47	630.37
15662-0004 EA 15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	6,697.76	683.17
15662-0005 EA 20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,299.30	819.79
15662-0006 EA 30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,982.67	964.51
15662-0007 EA 60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	18,974.64	1,474.53
15662-0008 EA 80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	23,535.77	1,779.62
15662-0009 EA 120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	32,413.18	1,947.19

15669 Indirect Evaporative Coolers With Heat Exchanger (15650)

15669-0001 Side Draft/Side Discharge Evaporative Coolers (15669)

Note: Excludes motor starter, piping, power wiring and equipment rigging.

15669-0002 EA 1500 CFM Evaporative Cooler, 1/3 HP, 2 Speed	669.22	108.75
15669-0003 EA 2000 CFM Evaporative Cooler, 1/3 HP, 2 Speed	761.75	108.75
15669-0004 EA 2500 CFM Evaporative Cooler, 1/3 HP, 2 Speed	767.70	111.72
15669-0005 EA 3000 CFM Evaporative Cooler, 1/2 HP, 2 Speed	887.49	155.26
15669-0006 EA 4000 CFM Evaporative Cooler, 3/4 HP, 2 Speed	1,110.75	188.00
15669-0007 EA 5500 CFM Evaporative Cooler, 1 HP, 2 Speed	1,531.19	194.08
15669-0008 EA 6500 CFM Evaporative Cooler, 1 HP, 2 Speed	2,043.86	221.78
15669-0009 EA 8000 CFM Evaporative Cooler, 1 1/2 HP, 2 Speed	2,455.05	269.54
15669-0010 EA 8000 CFM Evaporative Cooler, 1 1/2 HP, 2 Speed, 3 Phase	2,667.63	310.53
15669-0011 EA 9000 CFM Evaporative Cooler, 2 HP, 2 Speed, 3 Phase	2,813.53	318.16
15669-0012 EA 10000 CFM Evaporative Cooler, 2 HP, 2 Speed, 3 Phase	3,031.33	372.63
15669-0013 EA 12000 CFM Evaporative Cooler, 3 HP, 2 Speed, 3 Phase	3,272.08	465.80
15669-0014 EA 14000 CFM Evaporative Cooler, 5 HP, 2 Speed, 3 Phase	3,893.83	558.96
15669-0015 EA 15000 CFM Evaporative Cooler, 5 HP, 2 Speed, 3 Phase	6,263.43	698.69
15669-0016 EA 17500 CFM Evaporative Cooler, 7.5 HP, 2 Speed, 3 Phase	7,813.94	913.33
15669-0017 EA 20000 CFM Evaporative Cooler, 10 HP, 2 Speed, 3 Phase	9,173.32	1,035.12
15669-0018 EA 25000 CFM Evaporative Cooler, 20 Hp, 2 Speed, 3 Phase	10,610.50	1,386.26
15669-0019 EA 30000 CFM Evaporative Cooler, 20 HP, 2 Speed, 3 Phase	12,280.95	1,617.36
15669-0020 EA 35000 CFM Evaporative Cooler, 20 HP, 2 Speed, 3 Phase	13,270.69	1,687.66
15669-0021 EA 40000 CFM Evaporative Cooler, 30 HP, 2 Speed, 3 Phase	13,892.21	1,764.37

15671 Air Cooled Chillers (15650)

15671-0001 Packaged Chiller With Remote Air Cooled Condenser (15671)

Note: With remote air cooled condenser rated by cooling capacity, tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

15671-0002 EA 15 Ton Packaged Chiller With Remote Air Cooled Condensers	32,612.06	5,410.16
15MOD-0387 For Gas Fired Engine Driven, Add	5,711.30	
15671-0003 EA 20 Ton Packaged Chiller With Remote Air Cooled Condensers	36,956.45	5,702.60
15MOD-0387 For Gas Fired Engine Driven, Add	6,536.33	
15671-0004 EA 25 Ton Packaged Chiller With Remote Air Cooled Condensers	43,037.13	6,205.70
15MOD-0387 For Gas Fired Engine Driven, Add	7,677.03	
15671-0005 EA 30 Ton Packaged Chiller With Remote Air Cooled Condensers	48,234.74	6,593.60
15MOD-0387 For Gas Fired Engine Driven, Add	8,658.40	
15671-0006 EA 40 Ton Packaged Chiller With Remote Air Cooled Condensers	60,620.12	7,275.69
15MOD-0387 For Gas Fired Engine Driven, Add	11,033.22	
15671-0007 EA 50 Ton Packaged Chiller With Remote Air Cooled Condensers	67,046.16	7,535.51
15MOD-0387 For Gas Fired Engine Driven, Add	12,279.47	
15671-0008 EA 60 Ton Packaged Chiller With Remote Air Cooled Condensers	72,886.42	8,115.18
15MOD-0387 For Gas Fired Engine Driven, Add	13,360.61	
15671-0009 EA 70 Ton Packaged Chiller With Remote Air Cooled Condensers	88,991.46	8,682.95
15MOD-0387 For Gas Fired Engine Driven, Add	16,480.23	
15671-0010 EA 75 Ton Packaged Chiller With Remote Air Cooled Condensers	90,066.19	8,856.95
15MOD-0387 For Gas Fired Engine Driven, Add	16,685.35	
15671-0011 EA 80 Ton Packaged Chiller With Remote Air Cooled Condensers	91,620.00	9,242.07
15MOD-0387 For Gas Fired Engine Driven, Add	16,938.38	
15671-0012 EA 90 Ton Packaged Chiller With Remote Air Cooled Condensers	101,876.61	9,662.18
15MOD-0387 For Gas Fired Engine Driven, Add	18,926.72	
15671-0013 EA 100 Ton Packaged Chiller With Remote Air Cooled Condensers	112,923.10	10,122.30
15MOD-0387 For Gas Fired Engine Driven, Add	21,067.04	
15671-0014 EA 110 Ton Packaged Chiller With Remote Air Cooled Condensers	125,419.45	10,628.38
15MOD-0387 For Gas Fired Engine Driven, Add	23,490.43	
15671-0015 EA 120 Ton Packaged Chiller With Remote Air Cooled Condensers	135,727.08	11,187.79
15MOD-0387 For Gas Fired Engine Driven, Add	25,468.09	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15671-0016	EA 140 Ton Packaged Chiller With Remote Air Cooled Condensers..... 15MOD-0387 For Gas Fired Engine Driven, Add	149,974.65 28,224.42	11,809.31
15671-0017	Packaged Rotary/Screw Type Air Cooled Chillers ⁽¹⁵⁶⁷¹⁾ Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 V motor, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors.		
15671-0018	EA 70 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	87,410.81 -1,233.38 3,289.00	3,458.94
15671-0019	EA 80 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	93,942.17 -1,324.70 3,532.54	3,754.32
15671-0020	EA 90 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	98,819.38 -1,394.09 3,717.58	3,921.84
15671-0021	EA 100 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	102,466.69 -1,442.10 3,845.60	4,219.90
15671-0022	EA 110 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	109,973.39 -1,550.12 4,133.67	4,423.41
15671-0023	EA 120 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	116,874.29 -1,651.51 4,404.02	4,518.10
15671-0024	EA 130 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	123,378.55 -1,745.70 4,655.20	4,668.05
15671-0025	EA 140 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	127,331.89 -1,802.63 4,807.00	4,773.63
15671-0026	EA 160 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	134,514.74 -1,907.32 5,086.19	4,909.20
15671-0027	EA 170 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	140,412.91 -1,992.38 5,313.00	5,061.12
15671-0028	EA 180 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	148,069.40 -2,102.71 5,607.24	5,261.60
15671-0029	EA 200 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	154,787.78 -2,201.10 5,869.60	5,367.84
15671-0030	EA 215 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	165,938.10 -2,366.18 6,309.82	5,464.44
15671-0031	EA 225 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	173,350.08 -2,476.24 6,603.30	5,514.51
15671-0032	EA 240 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	180,762.22 -2,586.29 6,896.78	5,564.57
15671-0033	EA 260 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	202,928.95 -2,916.46 7,777.22	5,668.47
15671-0034	EA 280 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	214,096.11 -3,081.54 8,217.44	5,776.26
15671-0035	EA 300 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	228,913.65 -3,301.65 8,804.40	5,872.01
15671-0036	EA 325 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	251,073.02 -3,631.82 9,684.84	5,971.02
15671-0037	EA 350 Ton Air Cooled Rotary Screw Chiller 15MOD-0388 For Aluminum Fins Instead Of Copper, Deduct 15MOD-0389 For 208/230 Volt Motor, Add	273,730.62 -3,969.98 10,586.62	6,043.11
15671-0038	Packaged Scroll Type Air Cooled Chillers ⁽¹⁵⁶⁷¹⁾ Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
15671-0039	EA 10 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger.....	13,955.70	1,410.15
15671-0040	EA 15 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger.....	20,150.45	1,428.42
15671-0041	EA 18 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger.....	21,972.05	1,531.06
15671-0042	EA 22 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger.....	24,136.37	1,636.51
15671-0043	EA 25 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger.....	24,586.03	1,741.24
15671-0044	EA 30 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger.....	25,967.07	1,872.00

15000 Mechanical
15650 Refrigeration
15671 Air Cooled Chillers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15671-0045 EA 40 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	29,611.84	2,028.05
15671-0046 EA 45 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	31,812.24	2,191.85
15671-0047 EA 50 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	33,552.13	2,259.33
15671-0048 EA 55 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	35,042.28	2,357.75
15671-0049 EA 60 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	36,221.59	2,439.29
15671-0050 EA 70 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	41,746.48	2,750.70
15671-0051 EA 80 Ton Air Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	44,968.59	3,012.91

15671-0052 Magnetic Bearing, Air Cooled Centrifugal Chillers ⁽¹⁵⁶⁷¹⁾

Note: SMARTD air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

15671-0053 EA 85 Ton, Magnetic Bearing, Single Compressor, Air Cooled Centrifugal Chiller	111,287.62	3,921.84
15MOD-0672 For 5 Year Parts Only Compressor Warranty, Add	3,054.00	
15671-0054 EA 175 Ton, Magnetic Bearing, Two Compressor, Air Cooled Centrifugal Chiller.....	157,845.93	5,261.60
15MOD-0673 For 5 Year Parts Only Compressor Warranty, Add	6,108.00	
15671-0055 EA 240 Ton, Magnetic Bearing, Three Compressor, Air Cooled Centrifugal Chiller	197,028.00	5,564.57
15MOD-0674 For 5 Year Parts Only Compressor Warranty, Add	9,162.00	

15672 Water Cooled Reciprocating Chillers ⁽¹⁵⁶⁵⁰⁾

15672-0001 Packaged Water Cooled Reciprocating Chiller ⁽¹⁵⁶⁷²⁾

Note: With reciprocation compressor integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

15672-0002 EA 15 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	16,802.87	1,089.65
15672-0003 EA 20 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	19,764.03	1,285.47
15672-0004 EA 25 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	22,158.19	1,324.31
15672-0005 EA 30 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	24,673.88	1,453.82
15672-0006 EA 40 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	29,960.61	1,883.88
15672-0007 EA 50 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	33,965.25	2,064.54
15672-0008 EA 60 Ton Water Cooled Reciprocating Chiller, Electric, With Integral Heat Exchanger.....	35,171.83	2,281.05

15673 Water Cooled Scroll Chillers ⁽¹⁵⁶⁵⁰⁾

15673-0001 Packaged Water Cooled Scroll Compressor Chiller ⁽¹⁵⁶⁷³⁾

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

15673-0002 EA 20 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	32,287.26	1,285.47
15673-0003 EA 25 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	37,300.07	1,324.31
15673-0004 EA 30 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	41,394.78	1,453.82
15673-0005 EA 40 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	50,894.41	1,883.88
15673-0006 EA 50 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	56,320.13	2,064.54
15673-0007 EA 60 Ton Water Cooled Scroll Compressor Chiller, Electric, With Integral Heat Exchanger	59,079.83	2,281.05

15674 Water Cooled Helical Rotary (Screw) Compressor Chillers ⁽¹⁵⁶⁵⁰⁾

15674-0001 Packaged Water Cooled Helical Rotary Chiller ⁽¹⁵⁶⁷⁴⁾

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

15674-0002 EA 70 Ton Water Cooled Rotary Chiller	63,005.83	3,186.92
15674-0003 EA 80 Ton Water Cooled Rotary Chiller	68,519.87	3,310.86
15674-0004 EA 90 Ton Water Cooled Rotary Chiller	73,300.28	3,399.38
15674-0005 EA 100 Ton Water Cooled Rotary Chiller	77,416.54	3,542.79
15674-0006 EA 110 Ton Water Cooled Rotary Chiller	81,540.35	3,640.17
15674-0007 EA 125 Ton Water Cooled Rotary Chiller	86,570.78	3,742.37
15674-0008 EA 130 Ton Water Cooled Rotary Chiller	88,790.36	3,846.97
15674-0009 EA 150 Ton Water Cooled Rotary Chiller	96,293.99	3,951.07
15674-0010 EA 175 Ton Water Cooled Rotary Chiller	103,590.45	4,048.87
15674-0011 EA 190 Ton Water Cooled Rotary Chiller	107,098.20	4,251.35
15674-0012 EA 200 Ton Water Cooled Rotary Chiller	109,089.25	4,456.38
15674-0013 EA 210 Ton Water Cooled Rotary Chiller	110,555.50	4,551.78
15674-0014 EA 235 Ton Water Cooled Rotary Chiller	120,261.91	4,651.35
15674-0015 EA 255 Ton Water Cooled Rotary Chiller	127,799.15	4,864.23
15674-0016 EA 275 Ton Water Cooled Rotary Chiller	134,931.67	5,061.12
15674-0017 EA 300 Ton Water Cooled Rotary Chiller	143,244.68	5,261.60
15674-0018 EA 350 Ton Water Cooled Rotary Chiller	157,246.19	5,727.96
15674-0019 EA 400 Ton Water Cooled Rotary Chiller	168,654.44	6,300.19



Mechanical 15000	15
Refrigeration 15650	
Water Cooled Helical Rotary (Screw) Compressor Chillers 15674	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15674-0020	EA	450 Ton Water Cooled Rotary Chiller	177,480.56	6,930.49
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15675 Water Cooled Centrifugal Chillers (15650)

15675-0001 Packaged Water-Cooled Centrifugal Chillers (15675)

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

15675-0002	EA	180 Ton Water Cooled Centrifugal Chiller	106,570.98	4,040.66
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	4,003.21	
15675-0003	EA	200 Ton Water Cooled Centrifugal Chiller	116,548.16	4,143.00
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	4,395.64	
15675-0004	EA	225 Ton Water Cooled Centrifugal Chiller	128,610.74	4,248.31
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	4,871.46	
15675-0005	EA	250 Ton Water Cooled Centrifugal Chiller	140,370.85	4,418.63
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	5,330.92	
15675-0006	EA	275 Ton Water Cooled Centrifugal Chiller	151,849.21	4,668.13
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	5,774.02	
15675-0007	EA	300 Ton Water Cooled Centrifugal Chiller	162,907.57	4,910.83
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	6,200.77	
15675-0008	EA	325 Ton Water Cooled Centrifugal Chiller	173,598.47	5,180.09
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	6,611.10	
15675-0009	EA	350 Ton Water Cooled Centrifugal Chiller	183,859.43	5,435.54
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	7,005.13	
15675-0010	EA	375 Ton Water Cooled Centrifugal Chiller	193,674.05	5,668.47
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	7,382.74	
15675-0011	EA	400 Ton Water Cooled Centrifugal Chiller	203,000.95	5,852.39
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	7,744.00	
15675-0012	EA	425 Ton Water Cooled Centrifugal Chiller	212,089.09	6,142.33
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	8,088.90	
15675-0013	EA	450 Ton Water Cooled Centrifugal Chiller	220,683.28	6,379.30
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	8,417.44	
15675-0014	EA	475 Ton Water Cooled Centrifugal Chiller	228,863.51	6,613.21
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	8,729.62	
15675-0015	EA	500 Ton Water Cooled Centrifugal Chiller	236,550.07	6,794.38
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	9,025.44	
15675-0016	EA	550 Ton Water Cooled Centrifugal Chiller	250,499.99	7,035.30
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	9,567.95	
15675-0017	EA	600 Ton Water Cooled Centrifugal Chiller	262,672.64	7,188.28
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	10,045.03	
15675-0018	EA	650 Ton Water Cooled Centrifugal Chiller	273,533.24	7,543.59
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	10,456.63	
15675-0019	EA	700 Ton Water Cooled Centrifugal Chiller	282,766.48	7,904.27
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	10,802.78	
15675-0020	EA	750 Ton Water Cooled Centrifugal Chiller	290,424.40	8,301.08
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	11,083.60	
15675-0021	EA	800 Ton Water Cooled Centrifugal Chiller	308,505.04	8,701.56
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	11,781.09	
15675-0022	EA	850 Ton Water Cooled Centrifugal Chiller	326,457.68	9,100.79
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	12,473.55	
15675-0023	EA	900 Ton Water Cooled Centrifugal Chiller	344,343.73	9,538.31
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	13,160.88	
15675-0024	EA	950 Ton Water Cooled Centrifugal Chiller	362,171.29	10,020.03
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	13,843.03	
15675-0025	EA	1000 Ton Water Cooled Centrifugal Chiller	380,092.06	10,755.08
		Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
		15MOD-0390 For 208/230 Volt Motor, Add	14,520.00	

15000 Mechanical**15650 Refrigeration****15675 Water Cooled Centrifugal Chillers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15675-0026	EA	1100 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor. 15MOD-0390 For 208/230 Volt Motor, Add	412,278.28 15,702.27	12,409.76
15675-0027	EA	1200 Ton Water Cooled Centrifugal Chiller 15MOD-0390 For 208/230 Volt Motor, Add	443,247.61 16,835.55	14,069.14
15675-0028	EA	1300 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor. 15MOD-0390 For 208/230 Volt Motor, Add	472,489.02 17,919.76	15,413.33
15675-0029	EA	1400 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor. 15MOD-0390 For 208/230 Volt Motor, Add	499,682.46 18,954.89	16,240.95
15675-0030	EA	1500 Ton Water Cooled Centrifugal Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor. 15MOD-0390 For 208/230 Volt Motor, Add	525,602.48 19,940.80	17,041.51
15675-0031	EA	1600 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	549,820.35 20,878.11	17,535.51
15675-0032	EA	1700 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	573,966.88 21,766.21	18,758.88
15675-0033	EA	1800 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	596,396.46 22,605.22	19,673.94
15675-0034	EA	1900 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	618,031.61 23,395.16	20,861.18
15675-0035	EA	2000 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	637,739.52 24,136.11	21,606.23
15675-0036	EA	2250 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	679,309.02 25,773.92	22,829.24
15675-0037	EA	2500 Ton Water Cooled Centrifugal Chiller With Integral Heat Exchanger, 440/460 V Motor 15MOD-0390 For 208/230 Volt Motor, Add	716,087.38 27,105.21	24,198.96

15675-0038 Magnetic Bearing, Water Cooled Centrifugal Chillers (15675)

Note: SMARTD water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

15675-0039	EA	60 - 85 Ton, Magnetic Bearing, Single Compressor, Water Cooled Centrifugal Chiller 15MOD-0672 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0678 For Marine Water Box Connections, Add	70,413.95 3,054.00 2,850.40	3,399.38
15675-0040	EA	130 - 137 Ton, Magnetic Bearing, Single Compressor, Water Cooled Centrifugal Chiller 15MOD-0672 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0678 For Marine Water Box Connections, Add	88,542.49 3,054.00 2,850.40	3,951.07
15675-0041	EA	125 - 170 Ton, Magnetic Bearing, Dual Compressor, Water Cooled Centrifugal Chiller 15MOD-0673 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0678 For Marine Water Box Connections, Add	110,674.83 6,108.00 2,850.40	4,040.66
15675-0042	EA	240 - 270 Ton, Magnetic Bearing, Dual Compressor, Water Cooled Centrifugal Chiller 15MOD-0673 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0678 For Marine Water Box Connections, Add	143,901.47 6,108.00 2,850.40	4,668.13
15675-0043	EA	210 - 260 Ton, Magnetic Bearing, Three Compressor, Water Cooled Centrifugal Chiller 15MOD-0674 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0678 For Marine Water Box Connections, Add	144,902.44 9,162.00 2,850.40	4,418.63
15675-0044	EA	355 - 405 Ton, Magnetic Bearing, Three Compressor, Water Cooled Centrifugal Chiller 15MOD-0674 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0678 For Marine Water Box Connections, Add	217,093.31 9,162.00 2,850.40	5,852.39
15675-0045	EA	299 - 340 Ton, Magnetic Bearing, Four Compressor, Water Cooled Centrifugal Chiller 15MOD-0675 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0679 For Marine Water Box Connections, Add	192,431.43 11,198.00 3,970.20	5,435.54
15675-0046	EA	540 Ton, Magnetic Bearing, Four Compressor, Water Cooled Centrifugal Chiller 15MOD-0675 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0679 For Marine Water Box Connections, Add	267,172.39 11,198.00 3,970.20	7,035.30
15675-0047	EA	425 Ton, Magnetic Bearing, Five Compressor, Water Cooled Centrifugal Chiller 15MOD-0676 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0679 For Marine Water Box Connections, Add	239,265.80 13,234.00 3,970.20	6,142.33
15675-0048	EA	650 Ton, Magnetic Bearing, Five Compressor, Water Cooled Centrifugal Chiller 15MOD-0676 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0679 For Marine Water Box Connections, Add	319,977.07 13,234.00 3,970.20	7,543.59
15675-0049	EA	510 Ton, Magnetic Bearing, Six Compressor, Water Cooled Centrifugal Chiller 15MOD-0677 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0680 For Marine Water Box Connections, Add	284,699.10 15,270.00 4,173.80	6,794.38
15675-0050	EA	800 Ton, Magnetic Bearing, Six Compressor, Water Cooled Centrifugal Chiller 15MOD-0677 For 5 Year Parts Only Compressor Warranty, Add 15MOD-0680 For Marine Water Box Connections, Add	366,796.17 15,270.00 4,173.80	8,701.56

15676 Water Cooled Absorption Chillers (15650)**15676-0001 Packaged Water Cooled Absorption Chillers (Steam Driven) (15676)**

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units over 20 tons include dual compressors. Exclude piping and power wiring.

15676-0002	EA	50 Ton Absorption Chiller 15MOD-0391 For Two Stage Unit, Add	82,682.36 55,126.92	4,318.59
15676-0003	EA	100 Ton Absorption Chiller 15MOD-0391 For Two Stage Unit, Add	105,076.47 70,242.44	5,153.18



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15676-0004	EA 150 Ton Absorption Chiller	133,362.48	5,290.57
	15MOD-0391 For Two Stage Unit, Add	89,954.36	
15676-0005	EA 200 Ton Absorption Chiller	147,843.41	5,391.20
	15MOD-0391 For Two Stage Unit, Add	100,026.34	
15676-0006	EA 250 Ton Absorption Chiller	165,434.57	5,526.33
	15MOD-0391 For Two Stage Unit, Add	112,253.31	
15676-0007	EA 300 Ton Absorption Chiller	186,959.90	5,852.39
	15MOD-0391 For Two Stage Unit, Add	127,111.55	
15676-0008	EA 350 Ton Absorption Chiller	200,551.76	5,993.82
	15MOD-0391 For Two Stage Unit, Add	136,534.97	
15676-0009	EA 400 Ton Absorption Chiller	239,130.08	6,238.86
	15MOD-0391 For Two Stage Unit, Add	163,382.35	
15676-0010	EA 500 Ton Absorption Chiller	268,060.52	6,420.59
	15MOD-0391 For Two Stage Unit, Add	183,516.90	
15676-0011	EA 650 Ton Absorption Chiller	329,576.09	9,059.21
	15MOD-0391 For Two Stage Unit, Add	224,882.40	
15676-0012	EA 750 Ton Absorption Chiller	358,704.95	10,553.03
	15MOD-0391 For Two Stage Unit, Add	244,312.78	
15676-0013	EA 850 Ton Absorption Chiller	384,278.42	11,022.00
	15MOD-0391 For Two Stage Unit, Add	261,912.85	
15676-0014	EA 950 Ton Absorption Chiller	411,703.17	11,578.42
	15MOD-0391 For Two Stage Unit, Add	280,832.00	
15676-0015	EA 1125 Ton Absorption Chiller	471,527.11	11,979.68
	15MOD-0391 For Two Stage Unit, Add	322,453.71	
15676-0016	EA 1250 Ton Absorption Chiller	516,022.35	12,346.41
	15MOD-0391 For Two Stage Unit, Add	353,367.25	
15676-0017	EA 1450 Ton Absorption Chiller	606,503.86	15,219.45
	15MOD-0391 For Two Stage Unit, Add	414,877.95	
15676-0018	EA 1700 Ton Absorption Chiller	709,165.71	16,025.81
	15MOD-0391 For Two Stage Unit, Add	486,228.68	

15680 Propeller Fan Type Cooling Tower - Induced Draft (15650)

Note: Includes all necessary bolts, washers, nuts, and isolators for installation.

15680-0001 Induced Draft Crossflow Film Filled Propeller Type Cooling Tower (15680)

Note: Galvanized Steel. Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring.

15680-0002	EA 10 Ton Induced Draft Cooling Tower	4,981.91	924.18
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	539.45	
15680-0003	EA 15 Ton Induced Draft Cooling Tower	5,355.11	936.29
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	592.70	
15680-0004	EA 20 Ton Induced Draft Cooling Tower	5,821.23	1,020.69
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	643.64	
15680-0005	EA 25 Ton Induced Draft Cooling Tower	6,757.33	1,068.56
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	773.29	
15680-0006	EA 30 Ton Induced Draft Cooling Tower	7,623.30	1,121.11
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	891.37	
15680-0007	EA 35 Ton Induced Draft Cooling Tower	8,466.55	1,179.10
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,004.82	
15680-0008	EA 40 Ton Induced Draft Cooling Tower	9,246.77	1,236.20
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,109.00	
15680-0009	EA 45 Ton Induced Draft Cooling Tower	10,111.41	1,298.16
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,224.77	
15680-0010	EA 50 Ton Induced Draft Cooling Tower	11,172.25	1,511.59
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,335.90	
15680-0011	EA 60 Ton Induced Draft Cooling Tower	12,845.28	1,631.71
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,560.48	
15680-0012	EA 70 Ton Induced Draft Cooling Tower	14,659.03	1,757.70
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,803.58	
15680-0013	EA 75 Ton Induced Draft Cooling Tower	15,510.94	1,843.39
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	1,912.40	
15680-0014	EA 80 Ton Induced Draft Cooling Tower	16,472.80	1,999.47
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	2,021.21	
15680-0015	EA 90 Ton Induced Draft Cooling Tower	17,197.58	2,154.50
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	2,095.30	
15680-0016	EA 100 Ton Induced Draft Cooling Tower	18,580.23	2,323.13
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	2,227.27	
15680-0017	EA 125 Ton Induced Draft Cooling Tower	19,436.59	2,596.85
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	2,289.78	
15680-0018	EA 150 Ton Induced Draft Cooling Tower	22,527.89	2,926.23
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	2,674.11	
15680-0019	EA 175 Ton Induced Draft Cooling Tower	24,907.71	3,273.89
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	2,947.31	
15680-0020	EA 200 Ton Induced Draft Cooling Tower	26,325.12	3,646.97
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	3,070.02	
15680-0021	EA 225 Ton Induced Draft Cooling Tower	30,381.77	4,116.08
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	3,565.49	
15680-0022	EA 250 Ton Induced Draft Cooling Tower	33,335.67	4,571.32
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	3,898.88	
15680-0023	EA 275 Ton Induced Draft Cooling Tower	35,926.48	5,405.86
	15MOD-0392 For Polymer Coating Over Galvanized Components, Add	4,086.42	

15000 Mechanical**15650 Refrigeration****15680 Propeller Fan Type Cooling Tower - Induced Draft**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15680-0024	EA	300 Ton Induced Draft Cooling Tower	38,846.62	5,993.82
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	4,382.77	
15680-0025	EA	350 Ton Induced Draft Cooling Tower	44,349.24	6,748.20
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	5,026.41	
15680-0026	EA	400 Ton Induced Draft Cooling Tower	48,873.76	7,402.87
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	5,547.34	
15680-0027	EA	450 Ton Induced Draft Cooling Tower	54,025.53	8,198.18
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	6,128.47	
15680-0028	EA	500 Ton Induced Draft Cooling Tower	58,851.97	8,896.68
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	6,684.13	
15680-0029	EA	600 Ton Induced Draft Cooling Tower	66,977.09	9,630.88
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	7,725.99	
15680-0030	EA	700 Ton Induced Draft Cooling Tower	75,259.05	10,406.87
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	8,839.62	
15680-0031	EA	800 Ton Induced Draft Cooling Tower	84,036.09	11,475.66
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	9,904.64	
15680-0032	EA	900 Ton Induced Draft Cooling Tower	92,618.58	12,636.91
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	10,918.72	
15680-0033	EA	1000 Ton Induced Draft Cooling Tower	101,142.05	13,967.14
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	11,884.18	
15680-0034	EA	1100 Ton Induced Draft Cooling Tower	110,334.21	14,641.40
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	13,104.32	
15680-0035	EA	1200 Ton Induced Draft Cooling Tower	119,182.24	15,273.40
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	14,282.78	
15680-0036	EA	1300 Ton Induced Draft Cooling Tower	126,967.99	16,585.94
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	15,141.74	
15680-0037	EA	1400 Ton Induced Draft Cooling Tower	134,575.59	17,991.53
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	15,952.07	
15680-0038	EA	1500 Ton Induced Draft Cooling Tower	141,984.49	19,477.06
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	16,713.79	
15680-0039	EA	1600 Ton Induced Draft Cooling Tower	148,804.81	20,813.74
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	17,422.26	
15680-0040	EA	1700 Ton Induced Draft Cooling Tower	155,594.62	22,347.38
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	18,079.79	
15680-0041	EA	1800 Ton Induced Draft Cooling Tower	168,419.69	27,934.29
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	18,688.70	
15680-0042	EA	1900 Ton Induced Draft Cooling Tower	168,917.14	25,890.26
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	19,244.36	
15680-0043	EA	2000 Ton Induced Draft Cooling Tower	176,088.73	28,306.69
		15MOD-0392 For Polymer Coating Over Galvanized Components, Add	19,751.40	
15680-0044		Stainless Steel Packaged Propeller Type Cooling Tower <small>(15680)</small>		
		Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.		
15680-0045		Draw-Thru Stainless Steel Propeller Type Cooling Tower <small>(15680-0044)</small>		
15680-0046	EA	50 Ton Propeller Type Cooling Tower, Stainless Steel, Draw-Thru	14,460.72	1,511.59
15680-0047	EA	75 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	20,300.73	1,843.39
15680-0048	EA	100 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	24,187.81	2,323.13
15680-0049	EA	125 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	27,388.55	2,596.85
15680-0050	EA	150 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	30,114.71	2,926.23
15680-0051	EA	200 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	36,230.74	3,646.97
15680-0052	EA	250 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	42,888.79	4,571.32
15680-0053	EA	300 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	51,353.64	5,993.82
15680-0054	EA	350 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	56,386.05	6,748.20
15680-0055	EA	400 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	63,709.44	7,402.87
15680-0056	EA	500 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	74,130.68	8,896.68
15680-0057	EA	600 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	83,317.63	9,630.88
15680-0058	EA	750 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	102,817.07	10,941.30
15680-0059	EA	1000 Ton Propeller Type Cooling Tower, Stainless Steel Draw-Thru	130,325.95	13,819.10
15680-0060		Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower <small>(15680-0044)</small>		
15680-0061	EA	100 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	33,493.38	2,323.13
		15MOD-0393 For Induced Draft Counter Flow Type, Add	1,488.08	
15680-0062	EA	125 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	37,931.33	2,573.47
		15MOD-0393 For Induced Draft Counter Flow Type, Add	1,688.00	
15680-0063	EA	150 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	41,533.20	2,926.23
		15MOD-0393 For Induced Draft Counter Flow Type, Add	1,841.64	
15680-0064	EA	200 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	46,516.42	3,646.97
		15MOD-0393 For Induced Draft Counter Flow Type, Add	2,032.91	
15680-0065	EA	250 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	53,079.42	4,571.32
		15MOD-0393 For Induced Draft Counter Flow Type, Add	2,286.81	
15680-0066	EA	300 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	61,601.92	5,993.82
		15MOD-0393 For Induced Draft Counter Flow Type, Add	2,598.69	
15680-0067	EA	350 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	67,307.47	6,748.20
		15MOD-0393 For Induced Draft Counter Flow Type, Add	2,823.38	
15680-0068	EA	400 Ton Propeller Type Cooling Tower, Stainless Steel Induced draft	72,852.96	7,402.87
		15MOD-0393 For Induced Draft Counter Flow Type, Add	3,048.07	
15680-0069	EA	500 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft	84,397.66	8,896.68
		15MOD-0393 For Induced Draft Counter Flow Type, Add	3,505.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15680-0070 EA 600 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft 15MOD-0393 For Induced Draft Counter Flow Type, Add	94,957.26 3,974.34	9,630.88
15680-0071 EA 750 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft 15MOD-0393 For Induced Draft Counter Flow Type, Add	117,355.49 4,963.90	10,941.30
15680-0072 EA 1000 Ton Propeller Type Cooling Tower, Stainless Steel Induced Draft 15MOD-0393 For Induced Draft Counter Flow Type, Add	151,442.22 6,476.40	13,967.14

15680-0073 Belt Driven Stainless Steel Propeller Type Cooling Tower (15680-0044)

15680-0074 EA 100 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	25,108.71	2,323.13
15680-0075 EA 125 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	27,245.20	2,596.85
15680-0076 EA 150 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	29,472.73	2,926.23
15680-0077 EA 200 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	35,016.91	3,646.97
15680-0078 EA 250 Ton Propeller Type Cooling Tower, Stainless Steel Belt Driven	39,088.34	4,569.19

15681 Centrifugal Fan Type Cooling Tower - Forced Draft (15650)

Note: Includes all necessary bolts, nuts, washers, and isolators for installation.

15681-0001 Blow-Thru Centrifugal Fan Type Cooling Tower (15681)

Note: Including 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out.

15681-0002 EA 50 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	11,405.01 5,483.26	1,511.59
15681-0003 EA 75 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	15,596.96 7,701.20	1,843.39
15681-0004 EA 100 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	19,647.57 9,549.49	2,323.13
15681-0005 EA 125 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	22,615.13 11,066.26	2,596.85
15681-0006 EA 150 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	25,823.76 12,673.97	2,926.23
15681-0007 EA 175 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	29,022.65 14,258.22	3,273.89
15681-0008 EA 200 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	32,555.80 16,018.49	3,646.97
15681-0009 EA 225 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	35,656.40 17,426.72	4,116.08
15681-0010 EA 250 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	38,891.16 18,928.82	4,571.32
15681-0011 EA 275 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	42,813.46 20,477.86	5,405.86
15681-0012 EA 300 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	46,593.92 22,179.46	5,993.82
15681-0013 EA 325 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	49,119.76 23,352.97	6,371.01
15681-0014 EA 350 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	52,059.62 24,731.86	6,748.20
15681-0015 EA 375 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	54,883.51 26,110.73	7,075.67
15681-0016 EA 400 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	58,098.70 27,724.32	7,402.87
15681-0017 EA 425 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	61,524.46 29,396.58	7,800.87
15681-0018 EA 450 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	65,390.56 31,332.88	8,198.18
15681-0019 EA 475 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	69,129.96 33,239.84	8,547.33
15681-0020 EA 500 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	72,869.15 35,146.81	8,896.68
15681-0021 EA 550 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	79,815.59 38,960.74	9,264.17
15681-0022 EA 600 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	87,348.36 43,126.72	9,630.88
15681-0023 EA 650 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	90,358.38 44,887.00	9,832.00
15681-0024 EA 700 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	94,660.43 46,999.33	10,406.87
15681-0025 EA 750 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	99,116.89 49,170.33	10,941.30
15681-0026 EA 800 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	104,258.60 51,752.06	11,475.66
15681-0027 EA 850 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	109,472.54 54,333.80	12,056.28
15681-0028 EA 900 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	115,468.69 57,384.94	12,636.91
15681-0029 EA 950 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	121,696.56 60,494.76	13,302.36
15681-0030 EA 1000 Ton Centrifugal Type Cooling Tower 15MOD-0394 For Stainless Steel Cooling Tower, Add	128,704.16 64,073.98	13,967.14

15699 Refrigeration Specialties (15650)



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15699-0001			Refrigerant Specialties <small>(15699)</small>		
15699-0002			Sight Glass, Moisture And Liquid Indicator <small>(15699-0001)</small>		
			Note: Outside diameter pipe sizes. Solder connections		
15699-0003	EA		1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	32.41	9.32
15699-0004	EA		3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	36.26	11.17
15699-0005	EA		1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	43.59	13.67
15699-0006	EA		5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	47.97	15.53
15699-0007	EA		7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	61.71	19.88
15699-0008	EA		1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	71.87	24.22
15699-0009	EA		1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	102.82	28.57
15699-0010	EA		1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	129.74	39.13
15699-0011	EA		2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	162.87	48.44
15699-0012			Filter Dryers Solder Connections <small>(15699-0001)</small>		
			Note: Outside diameter pipe sizes		
15699-0013			Replaceable Core Type Filter Dryers <small>(15699-0012)</small>		
15699-0014	EA		1/2" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	144.89	5.59
15699-0015	EA		5/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	153.57	5.59
15699-0016	EA		7/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	208.98	6.83
15699-0017	EA		1-1/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	242.58	6.83
15699-0018	EA		1-3/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	277.64	7.45
15699-0019	EA		1-5/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	317.80	8.08
15699-0020	EA		2-1/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	502.96	8.69
15699-0021	EA		2-5/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	829.38	9.32
15699-0022	EA		3-1/8" Outside Diameter Replaceable Core Filter Dryer With Solder Connections.....	944.71	9.32
15699-0023			Sealed In-Line Filter Dryers <small>(15699-0012)</small>		
15699-0024	EA		1/4" Sealed In-line Filter Dryer 3 Cl.....	49.19	5.59
			15MOD-0702 For Bi-Flow, Add.....	12.98	
15699-0025	EA		3/8" Sealed In-line Filter Dryer 5 Cl.....	62.60	5.59
			15MOD-0702 For Bi-Flow, Add.....	16.15	
15699-0026	EA		1/2" Sealed In-line Filter Dryer 9 Cl.....	77.91	6.21
			15MOD-0702 For Bi-Flow, Add.....	19.75	
15699-0027	EA		1/2" Sealed In-line Filter Dryer 16 Cl.....	90.72	6.21
			15MOD-0702 For Bi-Flow, Add.....	27.14	
15699-0028	EA		5/8" Sealed In-line Filter Dryer 16 Cl.....	99.90	6.21
			15MOD-0702 For Bi-Flow, Add.....	27.83	
15699-0029	EA		5/8" Sealed In-line Filter Dryer 30 Cl.....	112.98	6.21
			15MOD-0702 For Bi-Flow, Add.....	44.18	
15699-0030	EA		7/8" Sealed In-line Filter Dryer 30 Cl.....	126.65	6.83
			15MOD-0702 For Bi-Flow, Add.....	47.41	
15699-0031	EA		7/8" Sealed In-line Filter Dryer 41 Cl.....	135.39	6.83
			15MOD-0702 For Bi-Flow, Add.....	58.34	
15699-0032	EA		1-1/8" Sealed In-line Filter Dryer 60 Cl.....	159.33	6.83
			15MOD-0702 For Bi-Flow, Add.....	69.78	
15699-0033			P-Traps, Expansion Valves And Vibration Absorbers <small>(15699-0001)</small>		
15699-0034			P-Traps, Suction Line, Solder <small>(15699-0033)</small>		
			Note: Outside diameter pipe sizes		
15699-0035	EA		5/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	32.43	6.21
15699-0036	EA		3/4" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	38.08	6.83
15699-0037	EA		7/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	43.01	6.83
15699-0038	EA		1-1/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	50.07	7.45
15699-0039	EA		1-3/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	81.11	7.45
15699-0040	EA		1-5/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	106.36	8.08
15699-0041	EA		2-1/8" P-Trap, Suction Line, Solder Outside Diameter Pipe Sizes.....	164.89	8.69
15699-0042			Thermostatic Expansion Valves <small>(15699-0033)</small>		
			Note: Outside diameter pipe sizes. Sporlan TP-S		
15699-0043	EA		1/2 - 3 Ton Thermostatic Expansion Valve, 3/8" In x 5/8" Out, (Sporlan TP-S).....	118.81	5.59
15699-0044	EA		4 - 5 Ton Thermostatic Expansion Valve, 1/2" In x 7/8" Out, (Sporlan TP-S).....	152.81	6.21
15699-0045	EA		6 - 8 Ton Thermostatic Expansion Valve, 5/8" In x 7/8" Out, (Sporlan TP-S).....	178.68	6.21
15699-0046	EA		7 - 12 Ton Thermostatic Expansion Valve, 7/8" In x 1-1/8" Out, (Sporlan TP-S).....	238.57	6.83
15699-0047	EA		15 - 20 Ton Thermostatic Expansion Valve, 7/8" In x 1-3/8" Out, (Sporlan TP-S).....	269.62	6.83
15699-0048			Electric Expansion Valves <small>(15699-0033)</small>		
			Note: Sporlan SEI or SEH.		
15699-0049	EA		1/2 - 11 Ton Electric Expansion Valve.....	244.17	7.76
			Note: Sporlan SEI.		
15699-0050	EA		25 Ton Electric Expansion Valve.....	280.21	8.08
			Note: Sporlan SEI.		
15699-0051	EA		50 Ton Electric Expansion Valve.....	316.40	8.39
			Note: Sporlan SEI.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15699-0052	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	376.60	8.39
15699-0053	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	422.58	8.69
15699-0054		Vibration Absorbers, Packless, Flex Hose (15699-0033) Note: Outside diameter pipe sizes		
15699-0055	EA	1/4" Outside Diameter Vibration Absorber Packless, Flex Hose	30.64	8.08
15699-0056	EA	3/8" Outside Diameter Vibration Absorber Packless, Flex Hose	35.34	9.32
15699-0057	EA	1/2" Outside Diameter Vibration Absorber Packless, Flex Hose	41.39	11.80
15699-0058	EA	5/8" Outside Diameter Vibration Absorber Packless, Flex Hose	46.48	14.28
15699-0059	EA	3/4" Outside Diameter Vibration Absorber Packless, Flex Hose	52.95	17.39
15699-0060	EA	7/8" Outside Diameter Vibration Absorber Packless, Flex Hose	61.40	19.88
15699-0061	EA	1-1/8" Outside Diameter Vibration Absorber Packless, Flex Hose	83.29	7.45
15699-0062	EA	1-3/8" Outside Diameter Vibration Absorber Packless, Flex Hose	109.11	8.08
15699-0063	EA	1-5/8" Outside Diameter Vibration Absorber Packless, Flex Hose	133.11	8.08
15699-0064	EA	2-1/8" Outside Diameter Vibration Absorber Packless, Flex Hose	192.90	8.69
15699-0065	EA	2-5/8" Outside Diameter Vibration Absorber Packless, Flex Hose	288.27	9.32
15699-0066	EA	3-1/8" Outside Diameter Vibration Absorber Packless, Flex Hose	385.48	9.32
15699-0067		Accumulator, Refrigerant Suction Line (15699-0001)		
15699-0068	EA	3/4" Accumulator, Refrigeration Suction Line	91.19	28.25
15699-0069	EA	7/8" Accumulator, Refrigeration Suction Line	147.83	38.81
15699-0070	EA	1 1/8" Accumulator, Refrigeration Suction Line	203.62	51.73
15699-0071	EA	1 3/8" Accumulator, Refrigeration Suction Line	251.29	62.11
15699-0072	EA	1 5/8" Accumulator, Refrigeration Suction Line	334.43	77.64
15699-0073	EA	2 1/8" Accumulator, Refrigeration Suction Line	424.61	103.53
15699-0074		Refrigerant And Recovery (15699)		
15699-0075		Refrigerant Recovery, Reclaim And Recycling (15699-0074)		
15699-0076	LB	Recovery Of Refrigerant	5.29	
15699-0077	LB	Recovery And Recharging Of Refrigerant	9.91	
15699-0078		Refrigerant Monitor (15699-0074) Note: With infrared photo acoustic sensor technology, NEMA 4 enclosure, display panel, alarm outputs including remote, calibrated for specific refrigerant.		
15699-0079	EA	Refrigerant Monitor With Sensors	5,432.69	
15699-0080		Special Chemicals/Component (15699-0074)		
15699-0081	GAL	Special Chemical, Inhibited Propylene Glycol	12.96	
15699-0082	GAL	Remove/Store For Reuse Inhibited Propylene Glycol	4.82	
15699-0083	GAL	Special Chemical, Inhibited Ethylene Glycol	13.18	
15699-0084	EA	Internal Coil/Refrigerant Piping Flush	172.14	
		Note: Up to 10 ton AC system.		
15699-0085		Refrigerant (15699-0074)		
15699-0086	LB	Refrigerant R-113	13.95	
15699-0087	LB	Refrigerant R-123	5.30	
15699-0088	LB	Refrigerant R-134A	6.10	
15699-0089	LB	Refrigerant R-404A	9.54	
15699-0090	LB	Refrigerant R-407C	7.68	
15699-0091	LB	Refrigerant R-408A	11.50	
15699-0092	LB	Refrigerant R-409A	10.63	
15699-0093	LB	Refrigerant R-410A	9.96	
15699-0094	LB	Refrigerant R-500	16.00	
15699-0095	LB	Refrigerant R-502	18.33	
15699-0096	LB	Refrigerant R-507	11.83	

15700 Heating, Ventilating, And Air Conditioning Equipment (15000)

See CSI section 15094-0000 for brackets, rods, and other means of support.

15715 Steam Specialties (15700)

Note: Excludes excavation, trenching, backfill and fittings. For fittings such as anchors, tees, and elbows, use 10' of pipe.

15715-0001 Ric-Wil System Pipe And Casing (15715)

Note: Larger pipe size is usually for the condensate return. Perma, Ric-Wil or Thermoac.

15715-0002 Steam Or Condensate Pipe (15715-0001)

Note: Excludes return

15715-0003	LF	2" Steam Or Condensate Pipe, 6" Case With No Return Line	48.45	5.67
15715-0004	LF	2" Steam Or Condensate Pipe, 8" Case With No Return Line	51.51	6.30
15715-0005	LF	3" Steam Or Condensate Pipe, 8" Case With No Return Line	60.39	7.56
15715-0006	LF	4" Steam Or Condensate Pipe, 10" Case With No Return Line	77.19	11.34

15000 Mechanical
15700 Heating, Ventilating, And Air Conditioning Equipment
15715 Steam Specialties



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15715-0007	LF	6" Steam Or Condensate Pipe, 11-1/2" Case With No Return Line.....	104.31	17.01
15720 Condensate Pump And Receiver Sets (15700)				
15720-0001 Condensate Pump With Cast Iron Receiver (15720)				
15720-0002 Simplex Condensate Pumps And Motors (15720-0001)				
Note: Cast iron receiver, float switch				
15720-0003 20 PSI Discharge Pressure (15720-0002)				
15720-0004	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,467.45	316.12
15720-0005	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,924.49	324.82
15720-0006	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,009.41	346.55
15720-0007	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,228.00	350.28
15720-0008	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,494.58	381.33
15720-0009	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,753.58	381.33
15720-0010	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,805.96	407.41
15720-0011	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,676.90	426.04
15720-0012	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,717.85	444.68
15720-0013 30 PSI Discharge Pressure (15720-0002)				
15720-0014	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	1,696.37	337.86
15720-0015	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,255.41	346.55
15720-0016	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,337.57	369.53
15720-0017	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,716.53	399.34
15720-0018	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,805.96	408.04
15720-0019	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,909.69	422.32
15720-0020	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,023.85	444.68
15720-0021	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,688.33	473.24
15720-0022 40 PSI Discharge Pressure (15720-0002)				
15720-0023	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	1,885.90	387.54
15720-0024	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,429.94	418.59
15720-0025	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,870.26	413.63
15720-0026	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,889.69	422.32
15720-0027	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,967.64	440.33
15720-0028	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,717.85	444.68
15720-0029	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,773.33	473.24
15720-0030 50 PSI Discharge Pressure (15720-0002)				
15720-0031	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,701.58	419.84
15720-0032	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	2,621.62	428.53
15720-0033	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,041.22	431.64
15720-0034	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,022.11	469.52
15720-0035	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,457.01	506.16
15720-0036 Duplex Condensate Pumps And Motors (15720-0001)				
Note: Cast iron receiver, float switch, Alternator Assembly				
15720-0037 20 PSI Discharge Pressure (15720-0036)				



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15720-0038	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,467.80	424.19
15720-0039	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,607.53	465.80
15720-0040	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,868.11	469.52
15720-0041	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,211.08	511.75
15720-0042	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,570.08	511.75
15720-0043	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,643.32	551.50
15720-0044	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,536.59	575.72
15720-0045	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,667.05	604.29
15720-0046		30 PSI Discharge Pressure <small>(15720-0036)</small>		
15720-0047	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,241.48	457.10
15720-0048	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,384.07	499.33
15720-0049	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,749.90	486.91
15720-0050	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,643.32	551.50
15720-0051	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,773.38	572.00
15720-0052	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,467.05	604.29
15720-0053	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,732.27	647.77
15720-0054		40 PSI Discharge Pressure <small>(15720-0036)</small>		
15720-0055	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,497.31	539.08
15720-0056	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,877.95	563.30
15720-0057	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,785.38	572.00
15720-0058	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,916.86	600.57
15720-0059	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,668.05	604.29
15720-0060	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,756.27	647.77
15720-0061		50 PSI Discharge Pressure <small>(15720-0036)</small>		
15720-0062	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,663.31	539.08
15720-0063	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,949.43	592.49
15720-0064	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,006.06	643.42
15720-0065	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	8,901.80	696.83
15732		Converters <small>(15700)</small>		
15732-0001		Converters And Heat Exchangers <small>(15732)</small>		
15732-0002		Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI <small>(15732-0001)</small>		
		Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
15732-0003	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,245.33	168.62
		<i>15MOD-0395 For Bronze Head And Tube Sheet, Add</i>	459.23	
		<i>15MOD-0396 For Copper Nickel Tubes, Add</i>	102.05	
		<i>15MOD-0397 For Double Wall Tube Bundles, Add</i>	153.08	
15732-0004	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,815.12	168.62
		<i>15MOD-0395 For Bronze Head And Tube Sheet, Add</i>	695.40	
		<i>15MOD-0396 For Copper Nickel Tubes, Add</i>	154.53	
		<i>15MOD-0397 For Double Wall Tube Bundles, Add</i>	231.80	
15732-0005	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,728.11	236.06
		<i>15MOD-0395 For Bronze Head And Tube Sheet, Add</i>	1,075.90	
		<i>15MOD-0396 For Copper Nickel Tubes, Add</i>	239.09	
		<i>15MOD-0397 For Double Wall Tube Bundles, Add</i>	358.63	
15732-0006	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,319.11	236.06
		<i>15MOD-0395 For Bronze Head And Tube Sheet, Add</i>	1,640.09	
		<i>15MOD-0396 For Copper Nickel Tubes, Add</i>	364.46	
		<i>15MOD-0397 For Double Wall Tube Bundles, Add</i>	546.70	

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15732 Converters



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15732-0007	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,683.17	277.88
		15MOD-0395 For Bronze Head And Tube Sheet, Add	2,178.04	
		15MOD-0396 For Copper Nickel Tubes, Add	484.01	
		15MOD-0397 For Double Wall Tube Bundles, Add	726.01	
15732-0008	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	7,497.66	359.49
		15MOD-0395 For Bronze Head And Tube Sheet, Add	2,860.31	
		15MOD-0396 For Copper Nickel Tubes, Add	635.63	
		15MOD-0397 For Double Wall Tube Bundles, Add	953.44	
15732-0009	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	9,268.79	539.57
		15MOD-0395 For Bronze Head And Tube Sheet, Add	3,503.23	
		15MOD-0396 For Copper Nickel Tubes, Add	778.50	
		15MOD-0397 For Double Wall Tube Bundles, Add	1,167.74	
15732-0010	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	13,984.15	539.57
		15MOD-0395 For Bronze Head And Tube Sheet, Add	5,458.21	
		15MOD-0396 For Copper Nickel Tubes, Add	1,212.94	
		15MOD-0397 For Double Wall Tube Bundles, Add	1,819.40	
15732-0011		Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (15732-0001)		
		Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.		
15732-0012	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,478.59	168.62
		15MOD-0396 For Copper Nickel Tubes, Add	125.38	
		15MOD-0397 For Double Wall Tube Bundles, Add	188.06	
15732-0013	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,048.37	168.62
		15MOD-0396 For Copper Nickel Tubes, Add	177.86	
		15MOD-0397 For Double Wall Tube Bundles, Add	266.79	
15732-0014	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,048.84	236.06
		15MOD-0396 For Copper Nickel Tubes, Add	271.16	
		15MOD-0397 For Double Wall Tube Bundles, Add	406.74	
15732-0015	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,356.70	236.06
		15MOD-0396 For Copper Nickel Tubes, Add	390.71	
		15MOD-0397 For Double Wall Tube Bundles, Add	586.06	
15732-0016	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,397.43	269.79
		15MOD-0396 For Copper Nickel Tubes, Add	481.09	
		15MOD-0397 For Double Wall Tube Bundles, Add	721.64	
15732-0017	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	7,182.85	269.79
		15MOD-0396 For Copper Nickel Tubes, Add	647.29	
		15MOD-0397 For Double Wall Tube Bundles, Add	970.93	
15732-0018	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	8,920.22	269.79
		15MOD-0396 For Copper Nickel Tubes, Add	804.74	
		15MOD-0397 For Double Wall Tube Bundles, Add	1,207.11	
15732-0019	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,089.94	269.79
		15MOD-0396 For Copper Nickel Tubes, Add	1,003.01	
		15MOD-0397 For Double Wall Tube Bundles, Add	1,504.51	
15732-0020	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	14,178.08	269.79
		15MOD-0396 For Copper Nickel Tubes, Add	1,282.91	
		15MOD-0397 For Double Wall Tube Bundles, Add	1,924.37	
15732-0021		Heat Exchanger Refrigerant To Water (15732-0001)		
15732-0022	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	1,673.23	134.89
		15MOD-0396 For Copper Nickel Tubes, Add	140.34	
		15MOD-0397 For Double Wall Tube Bundles, Add	210.52	
15732-0023	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	4,418.83	224.81
		15MOD-0396 For Copper Nickel Tubes, Add	396.92	
		15MOD-0397 For Double Wall Tube Bundles, Add	595.38	
15732-0024	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	5,951.27	293.26
		15MOD-0396 For Copper Nickel Tubes, Add	536.58	
		15MOD-0397 For Double Wall Tube Bundles, Add	804.87	
15732-0025	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	6,395.84	354.98
		15MOD-0396 For Copper Nickel Tubes, Add	568.74	
		15MOD-0397 For Double Wall Tube Bundles, Add	853.10	
15732-0026	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	7,732.77	428.49
		15MOD-0396 For Copper Nickel Tubes, Add	686.20	
		15MOD-0397 For Double Wall Tube Bundles, Add	1,029.30	
15732-0027		Steam Generator Heat Exchanger (15732-0001)		
		Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve		
15732-0028	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	10,727.76	1,079.15
15732-0029	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	14,392.20	1,146.60
15732-0030	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	19,436.18	1,450.11
15734		Heat Recovery Units (15700)		
15734-0001		Glycol Heat Pipe Type, 50 Percent Efficient (15734)		
15734-0002	EA	100 MBH, 1700 CFM Glycol Heat Recovery Unit.....	9,146.58	337.23
15734-0003	EA	160 MBH, 2700 CFM Glycol Heat Recovery Unit.....	14,354.99	449.67
15734-0004	EA	620 MBH, 4000 CFM Glycol Heat Recovery Unit.....	21,283.31	674.47
15745		Radiant Panels And Heaters (15700)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15745-0001	Infrared Heaters-Radiant Energy <small>(15745)</small>		
	Note: For spot localized or total heating, ceiling hung units, no fan required.		
15745-0002	Gas Fired Electric Ignition Infrared Gas Heater <small>(15745-0001)</small>		
	Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
15745-0003	EA 15000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	589.72	67.45
15745-0004	EA 37500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	650.15	74.19
15745-0005	EA 50000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	696.18	74.19
15745-0006	EA 75000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	873.76	89.03
15745-0007	EA 100000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	881.52	89.03
15745-0008	Rolled Steel Or Aluminum Housing Infrared Electric Heater <small>(15745-0001)</small>		
	Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
15745-0009	EA 1000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	670.63	76.35
	15MOD-0398 For Stainless Steel Housing, Add	109.81	
15745-0010	EA 3200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	717.93	76.35
	15MOD-0398 For Stainless Steel Housing, Add	121.64	
15745-0011	EA 5000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	771.99	76.35
	15MOD-0398 For Stainless Steel Housing, Add	135.15	
15745-0012	EA 7300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	836.99	76.35
	15MOD-0398 For Stainless Steel Housing, Add	151.40	
15745-0013	EA 10950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	914.32	83.30
	15MOD-0398 For Stainless Steel Housing, Add	168.71	
15745-0014	EA 13500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	976.86	90.24
	15MOD-0398 For Stainless Steel Housing, Add	181.68	
15745-0015	EA 24000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,575.66	97.18
	15MOD-0398 For Stainless Steel Housing, Add	324.43	
15745-0016	Gas Fired Tubular Infrared Heater <small>(15745-0001)</small>		
	Note: Includes controls and supports		
15745-0017	"U" Package <small>(15745-0016)</small>		
15745-0018	LF Up To 75 MBH Input Radiant Heater.....	49.31	3.37
15745-0019	LF 76 To 105 MBH Input Radiant Heater.....	56.93	4.04
15745-0020	LF 106 To 130 MBH Input Radiant Heater.....	69.48	4.72
15745-0021	"S" Straight Package <small>(15745-0016)</small>		
15745-0022	LF Up To 75 MBH Input Radiant Heater.....	40.12	2.69
15745-0023	LF 76 To 105 MBH Input Radiant Heater.....	50.99	3.37
15745-0024	LF 106 To 130 MBH Input Radiant Heater.....	61.86	4.04
15750	Air Coils <small>(15700)</small>		
15750-0001	Chilled Water Cooling Coils <small>(15750)</small>		
	Note: Flanged construction, 16 gauge galvanized steel casing		
15750-0002	2 Row Chilled Water Cooling Coils <small>(15750-0001)</small>		
15750-0003	EA 12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	925.86	33.72
15750-0004	EA 12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,535.57	45.86
15750-0005	EA 24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,068.35	72.17
15750-0006	EA 24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,501.00	103.20
15750-0007	EA 30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,657.05	126.80
15750-0008	EA 30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,975.18	153.78
15750-0009	EA 30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,189.83	178.06
15750-0010	EA 30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,453.30	314.58
15750-0011	EA 34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,128.62	119.58
15750-0012	EA 34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,740.23	203.62
15750-0013	EA 34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,066.35	252.93
15750-0014	EA 34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,371.23	305.47
15750-0015	EA 34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,684.83	355.71
15750-0016	4 Row Chilled Water Cooling Coils <small>(15750-0001)</small>		
15750-0017	EA 12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,150.04	70.14

15000 Mechanical**15700 Heating, Ventilating, And Air Conditioning Equipment****15750 Air Coils**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15750-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,850.21	101.17
15750-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,524.52	168.62
15750-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,090.71	250.22
15750-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,574.41	306.88
15750-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,249.07	375.01
15750-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,735.46	449.87
15750-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,635.52	523.66
15750-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,908.35	226.02
15750-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,712.74	339.94
15750-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,118.81	421.55
15750-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,604.18	507.87
15750-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,052.82	593.74
15750-0030		6 Row Chilled Water Cooling Coils (15750-0001)		
15750-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,624.47	89.03
15750-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,913.38	132.20
15750-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,603.29	225.27
15750-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,534.77	337.23
15750-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,645.61	421.55
15750-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,277.63	518.67
15750-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,139.30	613.10
15750-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,845.24	714.47
15750-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,640.75	308.84
15750-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,659.16	463.23
15750-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,244.24	580.04
15750-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,810.01	696.80
15750-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,378.68	810.65
15750-0044		8 Row Chilled Water Cooling Coils (15750-0001)		
15750-0045	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,031.24	107.24
15750-0046	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,482.65	164.57
15750-0047	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,699.18	293.40
15750-0048	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,903.71	449.87
15750-0049	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,885.68	562.51
15750-0050	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,833.99	674.47
15750-0051	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,858.79	749.34
15750-0052	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,706.63	869.19
15750-0053	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,153.77	376.36
15750-0054	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,330.94	565.81
15750-0055	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,009.23	704.82
15750-0056	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,654.71	843.09
15750-0057	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,335.80	991.88



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15750-0058	Direct Expansion Cooling Coils <small>(15750)</small> Note: Flanged construction 16 gauge galvanized steel casing		
15750-0059	2 Row Direct Expansion Cooling Coils <small>(15750-0058)</small>		
15750-0060	EA 12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	781.16	50.59
	15MOD-0399 For 10 Fins Per Inch, Add	13.59	
	15MOD-0400 For 12 Fins Per Inch, Add	33.99	
15750-0061	EA 12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,498.55	69.47
	15MOD-0399 For 10 Fins Per Inch, Add	27.19	
	15MOD-0400 For 12 Fins Per Inch, Add	67.97	
15750-0062	EA 24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,068.35	109.26
	15MOD-0399 For 10 Fins Per Inch, Add	37.02	
	15MOD-0400 For 12 Fins Per Inch, Add	92.54	
15750-0063	EA 24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,501.00	157.15
	15MOD-0399 For 10 Fins Per Inch, Add	43.75	
	15MOD-0400 For 12 Fins Per Inch, Add	109.36	
15750-0064	EA 30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,909.21	192.22
	15MOD-0399 For 10 Fins Per Inch, Add	50.48	
	15MOD-0400 For 12 Fins Per Inch, Add	126.19	
15750-0065	EA 30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,258.15	232.69
	15MOD-0399 For 10 Fins Per Inch, Add	55.86	
	15MOD-0400 For 12 Fins Per Inch, Add	139.65	
15750-0066	EA 30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,736.39	269.79
	15MOD-0399 For 10 Fins Per Inch, Add	63.94	
	15MOD-0400 For 12 Fins Per Inch, Add	159.84	
15750-0067	EA 30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,681.27	314.58
	15MOD-0399 For 10 Fins Per Inch, Add	81.04	
	15MOD-0400 For 12 Fins Per Inch, Add	202.61	
15750-0068	EA 34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,797.04	119.58
	15MOD-0399 For 10 Fins Per Inch, Add	31.16	
	15MOD-0400 For 12 Fins Per Inch, Add	77.89	
15750-0069	EA 34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,330.81	203.62
	15MOD-0399 For 10 Fins Per Inch, Add	38.47	
	15MOD-0400 For 12 Fins Per Inch, Add	96.18	
15750-0070	EA 34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,886.82	305.47
	15MOD-0399 For 10 Fins Per Inch, Add	45.52	
	15MOD-0400 For 12 Fins Per Inch, Add	113.79	
15750-0071	EA 34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,162.96	355.71
	15MOD-0399 For 10 Fins Per Inch, Add	49.03	
	15MOD-0400 For 12 Fins Per Inch, Add	122.57	
15750-0072	4 Row Direct Expansion Cooling Coils <small>(15750-0058)</small>		
15750-0073	EA 12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,294.74	70.14
	15MOD-0399 For 10 Fins Per Inch, Add	23.08	
	15MOD-0400 For 12 Fins Per Inch, Add	57.71	
15750-0074	EA 12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,850.21	101.17
	15MOD-0399 For 10 Fins Per Inch, Add	32.98	
	15MOD-0400 For 12 Fins Per Inch, Add	82.44	
15750-0075	EA 24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,524.52	168.62
	15MOD-0399 For 10 Fins Per Inch, Add	43.75	
	15MOD-0400 For 12 Fins Per Inch, Add	109.36	
15750-0076	EA 24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,090.71	250.22
	15MOD-0399 For 10 Fins Per Inch, Add	51.82	
	15MOD-0400 For 12 Fins Per Inch, Add	129.56	
15750-0077	EA 30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,574.41	306.88
	15MOD-0399 For 10 Fins Per Inch, Add	59.23	
	15MOD-0400 For 12 Fins Per Inch, Add	148.06	
15750-0078	EA 30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,249.07	375.01
	15MOD-0399 For 10 Fins Per Inch, Add	69.99	
	15MOD-0400 For 12 Fins Per Inch, Add	174.98	
15750-0079	EA 30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,735.46	449.87
	15MOD-0399 For 10 Fins Per Inch, Add	76.72	
	15MOD-0400 For 12 Fins Per Inch, Add	191.81	
15750-0080	EA 30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,635.52	523.66
	15MOD-0399 For 10 Fins Per Inch, Add	71.76	
	15MOD-0400 For 12 Fins Per Inch, Add	179.41	
15750-0081	EA 34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,908.35	226.02
	15MOD-0399 For 10 Fins Per Inch, Add	49.13	
	15MOD-0400 For 12 Fins Per Inch, Add	122.81	
15750-0082	EA 34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,712.74	339.94
	15MOD-0399 For 10 Fins Per Inch, Add	60.66	
	15MOD-0400 For 12 Fins Per Inch, Add	151.64	
15750-0083	EA 34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,615.31	597.92
	15MOD-0399 For 10 Fins Per Inch, Add	88.39	
	15MOD-0400 For 12 Fins Per Inch, Add	220.97	
15750-0084	EA 34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,430.58	696.80
	15MOD-0399 For 10 Fins Per Inch, Add	100.74	
	15MOD-0400 For 12 Fins Per Inch, Add	251.85	
15750-0085	6 Row Direct Expansion Cooling Coils <small>(15750-0058)</small>		

15000 Mechanical**15700 Heating, Ventilating, And Air Conditioning Equipment****15750 Air Coils**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15750-0086	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,658.12	88.36
		15MOD-0399 For 10 Fins Per Inch, Add	29.61	
		15MOD-0400 For 12 Fins Per Inch, Add	74.03	
15750-0087	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,913.38	132.20
		15MOD-0399 For 10 Fins Per Inch, Add	32.98	
		15MOD-0400 For 12 Fins Per Inch, Add	82.44	
15750-0088	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,771.54	225.27
		15MOD-0399 For 10 Fins Per Inch, Add	46.44	
		15MOD-0400 For 12 Fins Per Inch, Add	116.09	
15750-0089	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,534.77	337.23
		15MOD-0399 For 10 Fins Per Inch, Add	57.21	
		15MOD-0400 For 12 Fins Per Inch, Add	143.02	
15750-0090	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,645.61	421.55
		15MOD-0399 For 10 Fins Per Inch, Add	76.05	
		15MOD-0400 For 12 Fins Per Inch, Add	190.13	
15750-0091	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,277.63	518.67
		15MOD-0399 For 10 Fins Per Inch, Add	84.80	
		15MOD-0400 For 12 Fins Per Inch, Add	212.00	
15750-0092	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,139.30	613.10
		15MOD-0399 For 10 Fins Per Inch, Add	98.26	
		15MOD-0400 For 12 Fins Per Inch, Add	245.65	
15750-0093	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,845.24	714.47
		15MOD-0399 For 10 Fins Per Inch, Add	88.33	
		15MOD-0400 For 12 Fins Per Inch, Add	220.81	
15750-0094	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,640.75	308.84
		15MOD-0399 For 10 Fins Per Inch, Add	60.46	
		15MOD-0400 For 12 Fins Per Inch, Add	151.16	
15750-0095	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,659.16	463.23
		15MOD-0399 For 10 Fins Per Inch, Add	74.65	
		15MOD-0400 For 12 Fins Per Inch, Add	186.63	
15750-0096	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,798.58	691.06
		15MOD-0399 For 10 Fins Per Inch, Add	88.33	
		15MOD-0400 For 12 Fins Per Inch, Add	220.82	
15750-0097	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,378.68	810.65
		15MOD-0399 For 10 Fins Per Inch, Add	95.15	
		15MOD-0400 For 12 Fins Per Inch, Add	237.87	
15750-0098		8 Row Direct Expansion Cooling Coils (15750-0058)		
15750-0099	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,064.89	106.57
		15MOD-0399 For 10 Fins Per Inch, Add	37.02	
		15MOD-0400 For 12 Fins Per Inch, Add	92.54	
15750-0100	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,482.65	164.57
		15MOD-0399 For 10 Fins Per Inch, Add	43.07	
		15MOD-0400 For 12 Fins Per Inch, Add	107.68	
15750-0101	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,699.18	293.40
		15MOD-0399 For 10 Fins Per Inch, Add	62.25	
		15MOD-0400 For 12 Fins Per Inch, Add	155.63	
15750-0102	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,903.71	449.87
		15MOD-0399 For 10 Fins Per Inch, Add	80.09	
		15MOD-0400 For 12 Fins Per Inch, Add	200.22	
15750-0103	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,885.68	562.51
		15MOD-0399 For 10 Fins Per Inch, Add	95.23	
		15MOD-0400 For 12 Fins Per Inch, Add	238.08	
15750-0104	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,833.99	674.47
		15MOD-0399 For 10 Fins Per Inch, Add	109.70	
		15MOD-0400 For 12 Fins Per Inch, Add	274.25	
15750-0105	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,858.79	749.34
		15MOD-0399 For 10 Fins Per Inch, Add	127.20	
		15MOD-0400 For 12 Fins Per Inch, Add	318.00	
15750-0106	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,706.63	869.19
		15MOD-0399 For 10 Fins Per Inch, Add	99.37	
		15MOD-0400 For 12 Fins Per Inch, Add	248.42	
15750-0107	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,153.77	376.36
		15MOD-0399 For 10 Fins Per Inch, Add	68.02	
		15MOD-0400 For 12 Fins Per Inch, Add	170.05	
15750-0108	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,330.94	565.81
		15MOD-0399 For 10 Fins Per Inch, Add	83.99	
		15MOD-0400 For 12 Fins Per Inch, Add	209.96	
15750-0109	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,671.74	851.59
		15MOD-0399 For 10 Fins Per Inch, Add	99.37	
		15MOD-0400 For 12 Fins Per Inch, Add	248.43	
15750-0110	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,335.80	991.88
		15MOD-0399 For 10 Fins Per Inch, Add	107.04	
		15MOD-0400 For 12 Fins Per Inch, Add	267.60	
15750-0111		Hot Water Heating Coils (15750)		
		Note: Flanged construction		
15750-0112		1 Row Hot Water Heating Coils (15750-0111)		
15750-0113	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction.....	922.60	91.05
		15MOD-0401 For 10 Fins Per Inch, Add	14.81	
		15MOD-0402 For 12 Fins Per Inch, Add	37.02	
		15MOD-0403 For 230 PSIG Heavy Duty, Add	202.75	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15750-0114	EA 12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,376.69	116.68
	15MOD-0401 For 10 Fins Per Inch, Add	22.88	
	15MOD-0402 For 12 Fins Per Inch, Add	57.21	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	298.60	
15750-0115	EA 24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,667.20	160.52
	15MOD-0401 For 10 Fins Per Inch, Add	26.92	
	15MOD-0402 For 12 Fins Per Inch, Add	67.30	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	365.56	
15750-0116	EA 24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,963.93	225.27
	15MOD-0401 For 10 Fins Per Inch, Add	30.29	
	15MOD-0402 For 12 Fins Per Inch, Add	75.71	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	437.75	
15750-0117	EA 30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,222.11	269.79
	15MOD-0401 For 10 Fins Per Inch, Add	33.65	
	15MOD-0402 For 12 Fins Per Inch, Add	84.13	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	498.38	
15750-0118	EA 30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,592.55	337.23
	15MOD-0401 For 10 Fins Per Inch, Add	38.36	
	15MOD-0402 For 12 Fins Per Inch, Add	95.90	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	585.96	
15750-0119	EA 30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,903.05	374.33
	15MOD-0401 For 10 Fins Per Inch, Add	43.07	
	15MOD-0402 For 12 Fins Per Inch, Add	107.68	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	655.55	
15750-0120	EA 30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,603.51	435.24
	15MOD-0401 For 10 Fins Per Inch, Add	54.60	
	15MOD-0402 For 12 Fins Per Inch, Add	136.49	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	808.07	
15750-0121	EA 34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,555.83	188.58
	15MOD-0401 For 10 Fins Per Inch, Add	23.57	
	15MOD-0402 For 12 Fins Per Inch, Add	58.93	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	348.89	
15750-0122	EA 34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,333.73	282.94
	15MOD-0401 For 10 Fins Per Inch, Add	35.36	
	15MOD-0402 For 12 Fins Per Inch, Add	88.40	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	523.33	
15750-0123	EA 34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,507.79	427.95
	15MOD-0401 For 10 Fins Per Inch, Add	53.04	
	15MOD-0402 For 12 Fins Per Inch, Add	132.59	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	787.15	
15750-0124	EA 34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	4,085.68	495.94
	15MOD-0401 For 10 Fins Per Inch, Add	61.88	
	15MOD-0402 For 12 Fins Per Inch, Add	154.69	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	916.32	
15750-0125	SF Hot Water Heating Coil, 1 Row, >15 SF Flanged Construction.....	185.40	24.95
	15MOD-0401 For 10 Fins Per Inch, Add	2.71	
	15MOD-0402 For 12 Fins Per Inch, Add	6.77	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	42.07	
15750-0126	2 Row Hot Water Heating Coils <small>(15750-0111)</small>		
15750-0127	EA 12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,503.55	112.64
	15MOD-0401 For 10 Fins Per Inch, Add	25.57	
	15MOD-0402 For 12 Fins Per Inch, Add	63.94	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	323.19	
15750-0128	EA 12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,612.13	149.73
	15MOD-0401 For 10 Fins Per Inch, Add	26.25	
	15MOD-0402 For 12 Fins Per Inch, Add	65.62	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	352.40	
15750-0129	EA 24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,165.83	225.27
	15MOD-0401 For 10 Fins Per Inch, Add	34.32	
	15MOD-0402 For 12 Fins Per Inch, Add	85.81	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	478.13	
15750-0130	EA 24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,594.09	321.04
	15MOD-0401 For 10 Fins Per Inch, Add	39.03	
	15MOD-0402 For 12 Fins Per Inch, Add	97.59	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	583.05	
15750-0131	EA 30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,980.78	396.58
	15MOD-0401 For 10 Fins Per Inch, Add	43.75	
	15MOD-0402 For 12 Fins Per Inch, Add	109.36	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	675.51	
15750-0132	EA 30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,150.83	481.58
	15MOD-0401 For 10 Fins Per Inch, Add	43.75	
	15MOD-0402 For 12 Fins Per Inch, Add	109.36	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	726.52	
15750-0133	EA 30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,546.96	562.51
	15MOD-0401 For 10 Fins Per Inch, Add	48.46	
	15MOD-0402 For 12 Fins Per Inch, Add	121.14	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	821.80	
15750-0134	EA 30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,378.18	653.57
	15MOD-0401 For 10 Fins Per Inch, Add	61.42	
	15MOD-0402 For 12 Fins Per Inch, Add	153.55	
	15MOD-0403 For 230 PSIG Heavy Duty, Add	1,006.35	

15000 Mechanical**15700 Heating, Ventilating, And Air Conditioning Equipment****15750 Air Coils**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15750-0135	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,889.85	282.00
	15MOD-0401	For 10 Fins Per Inch, Add	26.52	
	15MOD-0402	For 12 Fins Per Inch, Add	66.30	
	15MOD-0403	For 230 PSIG Heavy Duty, Add	434.36	
15750-0136	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,836.20	423.64
	15MOD-0401	For 10 Fins Per Inch, Add	39.78	
	15MOD-0402	For 12 Fins Per Inch, Add	99.44	
	15MOD-0403	For 230 PSIG Heavy Duty, Add	651.97	
15750-0137	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,260.72	638.73
	15MOD-0401	For 10 Fins Per Inch, Add	59.67	
	15MOD-0402	For 12 Fins Per Inch, Add	149.17	
	15MOD-0403	For 230 PSIG Heavy Duty, Add	979.89	
15750-0138	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,972.76	746.10
	15MOD-0401	For 10 Fins Per Inch, Add	69.61	
	15MOD-0402	For 12 Fins Per Inch, Add	174.03	
	15MOD-0403	For 230 PSIG Heavy Duty, Add	1,143.77	
15750-0139 Steam Heating Coils (15750)				
Note: Flanged construction				
15750-0140	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction.....	1,068.29	63.40
	15MOD-0404	For 2 Row Coil, Add	345.70	
	15MOD-0405	For 4 Row Coil, Add	908.84	
15750-0141	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction.....	1,184.71	87.68
	15MOD-0404	For 2 Row Coil, Add	390.45	
	15MOD-0405	For 4 Row Coil, Add	1,023.10	
15750-0142	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction.....	1,558.78	157.15
	15MOD-0404	For 2 Row Coil, Add	530.38	
	15MOD-0405	For 4 Row Coil, Add	1,381.92	
15750-0143	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,963.93	225.27
	15MOD-0404	For 2 Row Coil, Add	679.11	
	15MOD-0405	For 4 Row Coil, Add	1,764.49	
15750-0144	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	2,188.46	269.79
	15MOD-0404	For 2 Row Coil, Add	764.45	
	15MOD-0405	For 4 Row Coil, Add	1,982.79	
15750-0145	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction.....	2,457.95	337.23
	15MOD-0404	For 2 Row Coil, Add	872.28	
	15MOD-0405	For 4 Row Coil, Add	2,256.38	
15750-0146	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	2,701.15	374.33
	15MOD-0404	For 2 Row Coil, Add	960.23	
	15MOD-0405	For 4 Row Coil, Add	2,483.17	
15750-0147	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	3,347.57	436.85
	15MOD-0404	For 2 Row Coil, Add	1,179.01	
	15MOD-0405	For 4 Row Coil, Add	3,053.73	
15750-0148	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction.....	1,445.33	188.58
	15MOD-0404	For 2 Row Coil, Add	509.04	
	15MOD-0405	For 4 Row Coil, Add	1,318.47	
15750-0149	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	2,167.99	282.94
	15MOD-0404	For 2 Row Coil, Add	763.56	
	15MOD-0405	For 4 Row Coil, Add	1,977.70	
15750-0150	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	3,250.55	423.64
	15MOD-0404	For 2 Row Coil, Add	1,144.63	
	15MOD-0405	For 4 Row Coil, Add	2,964.79	
15750-0151	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	3,795.64	495.94
	15MOD-0404	For 2 Row Coil, Add	1,337.07	
	15MOD-0405	For 4 Row Coil, Add	3,463.02	
15750-0152 Hot Water Preheat Coils For Multi-Zone Air Handling Units (15750)				
Note: 2 Row coils. Coils are sized by air handling unit capacity.				
15750-0153	EA	3000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,224.01	85.66
	15MOD-0406	For Units < 16500 CFM, Add	210.65	
15750-0154	EA	4000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,573.98	84.98
	15MOD-0406	For Units < 16500 CFM, Add	280.65	
15750-0155	EA	5000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,935.49	91.05
	15MOD-0406	For Units < 16500 CFM, Add	350.64	
15750-0156	EA	6500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,251.07	99.14
	15MOD-0406	For Units < 16500 CFM, Add	410.54	
15750-0157	EA	7500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,260.22	103.86
	15MOD-0406	For Units < 16500 CFM, Add	410.54	
15750-0158	EA	9200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,741.37	109.26
	15MOD-0406	For Units < 16500 CFM, Add	504.76	
15750-0159	EA	11500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,836.36	122.76
	15MOD-0406	For Units < 16500 CFM, Add	518.22	
15750-0160	EA	13200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,135.59	137.59
	15MOD-0406	For Units < 16500 CFM, Add	572.06	
15750-0161	EA	16500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,525.82	164.57
	15MOD-0406	For Units < 16500 CFM, Add	639.36	
15750-0162	EA	19500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,845.54	172.67
	15MOD-0407	For Units > 19500 CFM, Add	629.94	
15750-0163	EA	22000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,941.06	182.78
	15MOD-0407	For Units > 19500 CFM, Add	823.77	
15750-0164	EA	27000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	6,287.51	250.22
	15MOD-0407	For Units > 19500 CFM, Add	1,041.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15750-0165 EA 34000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>15MOD-0407 For Units > 19500 CFM, Add</i>	7,901.88 <i>1,311.97</i>	306.88
15750-0166 EA 40000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>15MOD-0407 For Units > 19500 CFM, Add</i>	9,217.32 <i>1,543.71</i>	321.04
15750-0167 EA 47000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>15MOD-0407 For Units > 19500 CFM, Add</i>	10,827.77 <i>1,814.10</i>	374.33

15760 Unit Heaters (15700)

15760-0001 Gas Fired Unit Heaters (15760)

15760-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115V (15760-0001)

15760-0003 EA 24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,086.57	116.45
15760-0004 EA 36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,191.80	139.74
15760-0005 EA 48.6 MBH Output, 60 MBH Input, 1000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,209.68	139.74
15760-0006 EA 60.8 MBH Output, 75 MBH Input, 1250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,323.55	163.02
15760-0007 EA 72.9 MBH Output, 90 MBH Input, 1400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,457.40	186.32
15760-0008 EA 81 MBH Output, 100 MBH Input, 1600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,563.68	197.96
15760-0009 EA 101.3 MBH Output, 125 MBH Input, 2200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,608.77	197.96
15760-0010 EA 121.5 MBH Output, 150 MBH Input, 2400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,570.13	197.96
15760-0011 EA 141.8 MBH Output, 175 MBH Input, 2850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	1,861.76	209.61
15760-0012 EA 162 MBH Output, 200 MBH Input, 3200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,037.79	209.61
15760-0013 EA 202.5 MBH Output, 250 MBH Input, 3450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,183.76	209.61
15760-0014 EA 243 MBH Output, 300 MBH Input, 5000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,606.81	232.90
15760-0015 EA 283.5 MBH Output, 350 MBH Input, 5600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	2,937.40	232.90
15760-0016 EA 324 MBH Output, 400 MBH Input, 5800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115V	3,152.81	256.19

15760-0017 Oil Fired Unit Heater (15760)

15760-0018 Horizontal Fan Propelled Oil Fired Unit Heater, 115V (15760-0017)

15760-0019 EA 97 MBH Output, 2000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115V	4,314.81	310.53
15760-0020 EA 142 MBH Output, 3200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115V	4,630.15	341.58
15760-0021 EA 188 MBH Output, 3200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115V	4,974.38	372.63

15760-0022 Removal And Reinstallation Of Unit Heaters (15760)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

15760-0023 EA Remove And Reinstall Electric Unit Heater.....	242.82	
Note: For up to 15KW		
15760-0024 EA Remove And Reinstall > 15KW Electric Unit Heater.....	499.17	
15760-0025 EA Remove And Reinstall Up To 58" Cabinet Unit Heater, Floor or Wall	185.48	
15760-0026 EA Remove And Reinstall > 58" Cabinet Unit Heater, Floor or Wall	320.39	
15760-0027 EA Remove And Reinstall Up To 58" Cabinet Unit Heater, Ceiling	382.42	
15760-0028 EA Remove And Reinstall > 58" Cabinet Unit Heater, Ceiling.....	517.32	
15760-0029 EA Remove And Reinstall Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	404.68	
15760-0030 EA Remove And Reinstall > 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	539.58	
15760-0031 EA Remove And Reinstall Up To 101.3 MBH Output Gas or Oil Unit Heater	387.82	
15760-0032 EA Remove And Reinstall > 101.3 MBH Output Gas or Oil Unit Heater	522.71	

15761 Fan Coil Units (15700)

15761-0001 Ceiling Suspended Horizontal Fan Coil Units (15761)

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

15761-0002 Horizontal Fan Coil Units With Electric Heating Coil (15761-0001)

15761-0003 EA 200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	949.02	109.26
15761-0004 EA 300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,047.98	127.48
15761-0005 EA 400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,161.57	143.67
15761-0006 EA 600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,346.68	164.57
15761-0007 EA 800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,506.66	172.67
<i>15MOD-0412 For 2-Way Valve Instead Of 3-Way, Deduct</i>		
15761-0008 EA 1000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,034.19	182.78
<i>15MOD-0412 For 2-Way Valve Instead Of 3-Way, Deduct</i>		
15761-0009 EA 1200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,463.88	198.30
<i>15MOD-0412 For 2-Way Valve Instead Of 3-Way, Deduct</i>		

15761-0010 Horizontal Fan Coil Units With Hot Water Heating Coil (15761-0001)

15761-0011 EA 200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	539.57	109.26
<i>15MOD-0411 For 2-Way Valve Instead Of 3-Way, Deduct</i>		
15761-0012 EA 300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	655.23	127.48
<i>15MOD-0411 For 2-Way Valve Instead Of 3-Way, Deduct</i>		
15761-0013 EA 400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	775.17	143.67
<i>15MOD-0411 For 2-Way Valve Instead Of 3-Way, Deduct</i>		
15761-0014 EA 600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,442.08	164.57
<i>15MOD-0411 For 2-Way Valve Instead Of 3-Way, Deduct</i>		

15000 Mechanical
15700 Heating, Ventilating, And Air Conditioning Equipment
15761 Fan Coil Units



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15761-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,617.96	173.34
		15MOD-0413 For 2-Way Valve Instead Of 3-Way, Deduct	-90.94	
15761-0016	EA	1000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,193.20	182.78
		15MOD-0413 For 2-Way Valve Instead Of 3-Way, Deduct	-92.34	
15761-0017	EA	1200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,766.00	198.30
		15MOD-0413 For 2-Way Valve Instead Of 3-Way, Deduct	-94.76	
15761-0018		Floor Mounted Vertical Fan Coil Units (15761)		
		Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.		
15761-0019		Vertical Fan Coil Units With Hot Water Heating Coil (15761-0018)		
15761-0020	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,012.62	108.59
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-130.14	
		15MOD-0409 For Thru-Wall Sleeve, Add	98.51	
		15MOD-0410 For 2-Way Valve Instead Of 3-Way, Deduct	-45.88	
15761-0021	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,144.98	127.48
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-146.30	
		15MOD-0409 For Thru-Wall Sleeve, Add	105.90	
		15MOD-0410 For 2-Way Valve Instead Of 3-Way, Deduct	-47.73	
15761-0022	EA	400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,400.08	143.67
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-181.31	
		15MOD-0409 For Thru-Wall Sleeve, Add	112.40	
		15MOD-0410 For 2-Way Valve Instead Of 3-Way, Deduct	-49.35	
15761-0023	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,601.09	164.57
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-207.26	
		15MOD-0409 For Thru-Wall Sleeve, Add	120.80	
		15MOD-0410 For 2-Way Valve Instead Of 3-Way, Deduct	-51.45	
15761-0024	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,776.97	173.34
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-231.96	
		15MOD-0409 For Thru-Wall Sleeve, Add	124.18	
		15MOD-0414 For 2-Way Valve Instead Of 3-Way, Deduct	-90.94	
15761-0025	EA	1000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,113.69	182.78
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-280.60	
		15MOD-0409 For Thru-Wall Sleeve, Add	127.92	
		15MOD-0414 For 2-Way Valve Instead Of 3-Way, Deduct	-92.34	
15761-0026	EA	1200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,463.88	198.30
		15MOD-0408 For Fan Coil Units Without Cabinet, Deduct	-329.91	
		15MOD-0409 For Thru-Wall Sleeve, Add	134.35	
		15MOD-0414 For 2-Way Valve Instead Of 3-Way, Deduct	-94.76	
15761-0027		Removal And Reinstallation Of Fan Coil Units (15761)		
		Note: Includes storage and cleaning. Excludes supports.		
15761-0028	EA	Remove And Reinstall Fan Coil Unit Horizontal Or Vertical.....	286.77	
15770		Packaged Heating And Cooling (15700)		
		Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, standard fan, exposed steel parts to be phosphate bonded with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating compliant with California Title 24 Code..		
15770-0001		Make-Up Air Units (15770)		
		Note: Including throwaway filters. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Installation is based on unit being placed on roof by crane up to a height of 2-1/2 stories. For height greater than 2-1/2 stories, additional crane work may be necessary.		
15770-0002		Gas-Fired Electric Spark Make-Up Air Units (15770-0001)		
		Note: With 2-position damper curb filter and thermostat with capillary.		
15770-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	3,924.32	380.94
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	986.83	
		15MOD-0416 For Equipment Base Roof Curb, Add	313.37	
15770-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	5,031.38	432.89
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,291.73	
		15MOD-0416 For Equipment Base Roof Curb, Add	399.12	
15770-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	6,933.26	507.90
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,826.02	
		15MOD-0416 For Equipment Base Roof Curb, Add	545.39	
15770-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	7,010.68	544.19
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,831.10	
		15MOD-0416 For Equipment Base Roof Curb, Add	553.01	
15770-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	9,487.63	608.54
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,542.02	
		15MOD-0416 For Equipment Base Roof Curb, Add	742.00	
15770-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	14,274.66	761.88
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,901.46	
		15MOD-0416 For Equipment Base Roof Curb, Add	1,108.69	
15770-0009		Electric Make-Up Air Units (15770-0001)		
		Note: With 2-position damper curb filter and thermostat with capillary.		
15770-0010	EA	33 KW 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	7,818.37	380.94
		15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,155.04	
		15MOD-0416 For Equipment Base Roof Curb, Add	605.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15770-0011 EA 100 KW 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric.....	11,108.70	432.89
15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,114.93	
15MOD-0416 For Equipment Base Roof Curb, Add	854.92	
15770-0012 EA 150 KW 2 HP, 4,000 CFM Make-up Air Unit, Electric.....	13,744.13	507.90
15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,869.28	
15MOD-0416 For Equipment Base Roof Curb, Add	1,056.21	
15770-0013 EA 250 KW 5 HP, 7,500 CFM Make-up Air Unit, Electric.....	17,750.14	609.50
15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	5,020.29	
15MOD-0416 For Equipment Base Roof Curb, Add	1,361.74	
15770-0014 EA 400 KW 10 HP, 10,000 CFM Make-up Air Unit, Electric.....	28,557.33	761.88
15MOD-0415 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	8,186.26	
15MOD-0416 For Equipment Base Roof Curb, Add	2,179.89	
15770-0015 Self Contained Package Rooftop Unit <small>(15770)</small>		
Note: Includes throwaway filters, filter rack, and manual outside air damper. Units are shipped fully factory assembled in one piece, prewired, prepped, charged with refrigerant, and include start-up. Installation is based on unit being placed on roof by crane up to a height of 2-1/2 stories. For height greater than 2-1/2 stories, additional crane work may be necessary.		
15770-0016 Electric Cooling, Gas Heat Self Contained Package Rooftop Unit <small>(15770-0015)</small>		
Note: Units up to 5 tons have 13 SEER. Units > 5 to 11 tons have 10.1 EER, > 11 to 19 tons have 9.5 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER.		
15770-0017 EA 2 Ton Cooling, 60 MBH Gas Heating Self Contained Package Rooftop Unit	5,411.65	151.75
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-255.37	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-102.15	
15MOD-0419 For Unit Economizer, Add	643.31	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-42.33	
15MOD-0421 For Equipment Base Roof Curb, Add	413.48	
15770-0018 EA 3 Ton Cooling, 60 MBH Gas Heating Self Contained Package Rooftop Unit	5,831.67	174.69
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-274.09	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-109.63	
15MOD-0419 For Unit Economizer, Add	692.80	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-48.68	
15MOD-0421 For Equipment Base Roof Curb, Add	446.12	
15770-0019 EA 4 Ton Cooling, 80 MBH Gas Heating Self Contained Package Rooftop Unit	6,319.72	178.33
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-298.15	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-119.26	
15MOD-0419 For Unit Economizer, Add	751.23	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-49.61	
15MOD-0421 For Equipment Base Roof Curb, Add	482.90	
15770-0020 EA 5 Ton Cooling, 100 MBH Gas Heating Self Contained Package Rooftop Unit.....	6,892.64	220.89
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-322.55	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-129.02	
15MOD-0419 For Unit Economizer, Add	818.28	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-61.42	
15MOD-0421 For Equipment Base Roof Curb, Add	527.99	
15770-0021 EA 6 Ton Cooling, 140 MBH Gas Heating Self Contained Package Rooftop Unit.....	8,081.73	240.11
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-380.04	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-152.02	
15MOD-0419 For Unit Economizer, Add	960.19	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-66.89	
15MOD-0421 For Equipment Base Roof Curb, Add	618.15	
15770-0022 EA 7.5 Ton Cooling, 150 MBH Gas Heating Self Contained Package Rooftop Unit.....	9,272.57	257.65
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-437.87	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-175.15	
15MOD-0419 For Unit Economizer, Add	1,102.40	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-71.66	
15MOD-0421 For Equipment Base Roof Curb, Add	708.32	
15770-0023 EA 10 Ton Cooling, 200 MBH Gas Heating Self Contained Package Rooftop Unit.....	12,150.57	276.01
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-579.92	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-231.97	
15MOD-0419 For Unit Economizer, Add	1,447.03	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-76.49	
15MOD-0421 For Equipment Base Roof Curb, Add	925.10	
15770-0024 EA 12.5 Ton Cooling, 250 MBH Gas Heating Self Contained Package Rooftop Unit.....	16,201.82	346.31
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-775.46	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-310.18	
15MOD-0419 For Unit Economizer, Add	1,930.37	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-95.96	
15MOD-0421 For Equipment Base Roof Curb, Add	1,232.45	
15770-0025 EA 15 Ton Cooling, 300 MBH Gas Heating Self Contained Package Rooftop Unit.....	20,147.78	415.57
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-965.98	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-386.39	
15MOD-0419 For Unit Economizer, Add	2,401.17	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-114.74	
15MOD-0421 For Equipment Base Roof Curb, Add	1,531.79	
15770-0026 EA 18 Ton Cooling, 300 MBH Gas Heating Self Contained Package Rooftop Unit.....	24,022.56	479.64
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-1,153.16	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-461.27	
15MOD-0419 For Unit Economizer, Add	2,863.52	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-132.92	
15MOD-0421 For Equipment Base Roof Curb, Add	1,825.67	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15770-0027 EA 20 Ton Cooling, 300 MBH Gas Heating Self Contained Package Rooftop Unit.....	27,908.62	544.05
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-1,341.01	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-536.40	
15MOD-0419 For Unit Economizer, Add	3,327.27	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-150.80	
15MOD-0421 For Equipment Base Roof Curb, Add	2,120.36	
15770-0028 EA 25 Ton Cooling, 400 MBH Gas Heating Self Contained Package Rooftop Unit.....	28,546.40	692.62
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-1,358.06	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-543.22	
15MOD-0419 For Unit Economizer, Add	3,397.86	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-191.93	
15MOD-0421 For Equipment Base Roof Curb, Add	2,175.61	
15770-0029 EA 30 Ton Cooling, 500 MBH Gas Heating Self Contained Package Rooftop Unit.....	29,649.75	846.38
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-1,397.83	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-559.13	
15MOD-0419 For Unit Economizer, Add	3,524.11	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-234.58	
15MOD-0421 For Equipment Base Roof Curb, Add	2,266.06	
15770-0030 EA 40 Ton Cooling, 600 MBH Gas Heating Self Contained Package Rooftop Unit.....	40,779.23	1,012.95
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-1,937.65	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-775.06	
15MOD-0419 For Unit Economizer, Add	4,852.98	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-280.75	
15MOD-0421 For Equipment Base Roof Curb, Add	3,109.10	
15770-0031 EA 50 Ton Cooling, 750 MBH Gas Heating Self Contained Package Rooftop Unit.....	50,156.87	1,269.78
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-2,380.86	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-952.35	
15MOD-0419 For Unit Economizer, Add	5,968.03	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-351.87	
15MOD-0421 For Equipment Base Roof Curb, Add	3,825.26	
15770-0032 EA 60 Ton Cooling, 900 MBH Gas Heating Self Contained Package Rooftop Unit.....	58,446.49	1,380.39
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-2,784.30	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-1,113.72	
15MOD-0419 For Unit Economizer, Add	6,958.37	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-382.47	
15MOD-0421 For Equipment Base Roof Curb, Add	4,452.50	
15770-0033 EA 80 Ton Cooling, 1000 MBH Gas Heating Self Contained Package Rooftop Unit.....	83,798.33	1,656.05
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-4,024.29	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-1,609.72	
15MOD-0419 For Unit Economizer, Add	9,989.55	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-458.96	
15MOD-0421 For Equipment Base Roof Curb, Add	6,367.69	
15770-0034 EA 90 Ton Cooling, 1200 MBH Gas Heating Self Contained Package Rooftop Unit.....	98,472.66	1,731.55
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-4,750.48	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-1,900.19	
15MOD-0419 For Unit Economizer, Add	11,747.46	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-479.82	
15MOD-0421 For Equipment Base Roof Curb, Add	7,472.03	
15770-0035 EA 100 Ton Cooling, 1350 MBH Gas Heating Self Contained Package Rooftop Unit.....	105,959.80	1,904.71
15MOD-0417 For Hot Water Heating Coil Instead Of Gas, Deduct	-5,107.52	
15MOD-0418 For Steam Heating Coil Instead Of Gas, Deduct	-2,043.01	
15MOD-0419 For Unit Economizer, Add	12,638.99	
15MOD-0420 For Unit Placed On Concrete Slab Or Ground Instead Of Roof, Deduct	-527.81	
15MOD-0421 For Equipment Base Roof Curb, Add	8,042.22	
15770-0036 Split System A/C Unit ⁽¹⁵⁷⁷⁰⁾		
See CSI section 15063-0387 for piping, 15184-0001 for insulation.		
15770-0037 Ductless Split System Air Conditioners ⁽¹⁵⁷⁷⁰⁻⁰⁰³⁶⁾		
Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 15772-0041 for ductless heat pumps.		
15770-0038 Wall Mounted Ductless Split System Air Conditioners ⁽¹⁵⁷⁷⁰⁻⁰⁰³⁷⁾		
15770-0039 EA 9,000 BTU Wall Mounted Ductless Split System Air Conditioners, 16 SEER	1,510.61	229.07
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0040 EA 11,900 BTU Wall Mounted Ductless Split System Air Conditioner, 17 SEER	1,633.83	249.89
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0041 EA 17,500 BTU Wall Mounted Ductless Split System Air Conditioners, 20 SEER	2,049.95	277.67
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0042 EA 24,200 BTU Wall Mounted Ductless Split System Air Conditioners, 17 SEER	2,276.72	305.43
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0043 EA 25,200 BTU Wall Mounted Ductless Split System Air Conditioners, 14.9 SEER	3,542.71	333.19
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0044 EA 29,800 BTU Wall Mounted Ductless Split System Air Conditioners, 15 SEER	4,135.22	347.07
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0045 EA 31,400 BTU Wall Mounted Ductless Split System Air Conditioners, 15.9 SEER	4,539.86	369.99
Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15770-0046 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners ⁽¹⁵⁷⁷⁰⁻⁰⁰³⁷⁾		
Note: Use this section only when matching indoor and outdoor capacity units are not used.		
15770-0047 EA 7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	648.04	111.06
Note: Includes indoor unit and wireless thermostat.		
15770-0048 EA 9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners	684.33	118.01
Note: Includes indoor unit and wireless thermostat.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15770-0049	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	721.27	124.95
15770-0050	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	817.63	131.89
15770-0051	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	874.80	138.83
15770-0052	EA	19,700 BTU Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners, 16.5 SEER Note: Includes outdoor unit and refrigerant charge.	1,826.96	166.60
15770-0053	EA	25,400 BTU Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners, 16.2 SEER Note: Includes outdoor unit and refrigerant charge.	2,021.63	180.48
15770-0054	EA	30,600 BTU Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners, 17.6 SEER Note: Includes outdoor unit and refrigerant charge.	3,221.80	194.36
15770-0055		Suspended Ceiling Mounted Ductless Split System Air Conditioners (15770-0037) Note: Excludes hangers.		
15770-0056	EA	24,400 BTU Ceiling Suspended Ductless Split System Air Conditioners, 14.5 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,799.52	333.19
15770-0057	EA	31,200 BTU Ceiling Suspended Ductless Split System Air Conditioners, 15.1 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,630.16	397.75
15770-0058	EA	39,000 BTU Ceiling Suspended Ductless Split System Air Conditioners, 15.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,669.43	416.49
15770-0059		Recessed Ceiling Mounted Ductless Split System Air Conditioners (15770-0037) Note: Excludes hangers.		
15770-0060	EA	11,900 BTU Ceiling Recessed Ductless Split System Air Conditioners, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,314.38	277.67
15770-0061	EA	17,500 BTU Ceiling Recessed Ductless Split System Air Conditioners, 16 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,701.77	305.43
15770-0062	EA	24,800 BTU Ceiling Recessed Ductless Split System Air Conditioners, 14.1 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,771.00	360.96
15770-0063	EA	32,600 BTU Ceiling Recessed Ductless Split System Air Conditioners, 14.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,368.99	397.75
15770-0064	EA	39,500 BTU Ceiling Recessed Ductless Split System Air Conditioners, 14.6 SEER Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,538.84	416.49
15770-0065		Ductless Split System Accessories (15770-0037)		
15770-0066	LF	3" Line Set Cover, Rigid PVC Line Set Covers 7.15	7.15	1.00
15770-0067	LF	4" Line Set Cover, Rigid PVC Line Set Covers 9.11	9.11	1.10
15770-0068	LF	6" Line Set Cover, Rigid PVC Line Set Covers 11.28	11.28	1.21
15770-0069	EA	3" Union Coupling, Rigid PVC Line Set Covers 12.11	12.11	1.86
15770-0070	EA	4" Union Coupling, Rigid PVC Line Set Covers 20.22	20.22	2.05
15770-0071	EA	6" Union Coupling, Rigid PVC Line Set Covers 23.01	23.01	2.26
15770-0072	EA	3" 90 Degree Elbow, Rigid PVC Line Set Covers 29.63	29.63	3.73
15770-0073	EA	4" 90 Degree Elbow, Rigid PVC Line Set Covers 48.01	48.01	4.10
15770-0074	EA	6" 90 Degree Elbow, Rigid PVC Line Set Covers 53.56	53.56	4.51
15770-0075	EA	3" 90 Degree Long Radius Elbow, Rigid PVC Line Set Covers 39.00	39.00	3.98
15770-0076	EA	4" 90 Degree Long Radius Elbow, Rigid PVC Line Set Covers 45.60	45.60	4.38
15770-0077	EA	6" 90 Degree Long Radius Elbow, Rigid PVC Line Set Covers 69.57	69.57	4.82
15770-0078	EA	3" 45 Degree Elbow, Rigid PVC Line Set Covers 29.63	29.63	3.73
15770-0079	EA	4" 45 Degree Elbow, Rigid PVC Line Set Covers 48.01	48.01	4.10
15770-0080	EA	6" 45 Degree Elbow, Rigid PVC Line Set Covers 53.56	53.56	4.51
15770-0081	EA	3" Wall Penetration Cover, Rigid PVC Line Set Covers 39.32	39.32	6.22
15770-0082	EA	4" Wall Penetration Cover, Rigid PVC Line Set Covers 56.30	56.30	6.84
15770-0083	EA	6" Wall Penetration Cover, Rigid PVC Line Set Covers 67.00	67.00	7.52
15770-0084	EA	2-1/2" Wall Sleeve, Rigid PVC Line Set Covers 21.01	21.01	1.24
15770-0085	EA	3" x 20" Flexible Joint, Rigid PVC Line Set Covers 24.24	24.24	3.73
15770-0086	EA	4" x 20" Flexible Joint, Rigid PVC Line Set Covers 38.30	38.30	4.10
15770-0087	EA	3" Duct End Termination, Rigid PVC Line Set Covers 22.08	22.08	3.73
15770-0088	EA	4" Duct End Termination, Rigid PVC Line Set Covers 29.68	29.68	4.10
15770-0089	EA	6" Duct End Termination, Rigid PVC Line Set Covers 32.00	32.00	4.51
15770-0090	EA	4" T Joint, Rigid PVC Line Set Covers 100.24	100.24	4.98
15770-0091	EA	6" T Joint, Rigid PVC Line Set Covers 113.60	113.60	5.47
15770-0092	EA	14" Condensing Unit Mounting Blocks With End Caps 71.62	71.62	18.66
15770-0093	EA	17" Condensing Unit Mounting Blocks With End Caps 78.63	78.63	19.90
15770-0094	EA	36" Condensing Unit Mounting Blocks With End Caps 103.96	103.96	21.14
15770-0095	EA	End Cap, Set of 4 10.77	10.77	
15770-0096	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity 205.79	205.79	37.31
15770-0097	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity 219.79	219.79	39.80
15770-0098	LF	5/8" ID Condensate Drain Line 1.50	1.50	0.10
15770-0099	LF	3/4" ID Condensate Drain Line 1.55	1.55	0.10
15770-0100		Removal And Reinstallation Of Thru-Wall A/C Unit (15770) Note: Includes storage and cleaning.		
15770-0101	EA	Remove And Reinstall Thru Wall Air Conditioning Unit 138.83	138.83	
15770-0102	EA	Remove And Reinstall Window Air Conditioning Unit 86.77	86.77	
15770-0103	EA	Remove And Reinstall Window Air Conditioning Unit In Upper Sash 189.38	189.38	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15770-0104 Thru Wall A/C Unit Sleeve (15770)

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

15770-0105	EA Thru Wall A/C Sleeve, Up To 10000 BTU Unit	63.06	
15770-0106	EA Thru Wall A/C Sleeve, 10001 To 20000 BTU Unit	71.26	
15770-0107	EA Thru Wall A/C Sleeve, 20001 To 30000 BTU Unit	79.45	

15770-0108 Single Package Vertical Wall Cooling Unit (15770)

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan.

15770-0109	EA 1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	2,452.28	189.50
15770-0110	EA 1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	4,123.35	199.11
15770-0111	EA 1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	5,364.04	208.56
15770-0112	EA 2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	6,162.50	227.25
15770-0113	EA 2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,720.93	265.45
15770-0114	EA 3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	8,305.31	327.32
15770-0115	EA 3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	9,198.12	368.13
15770-0116	EA 4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,131.41	409.23
15770-0117	EA 5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,417.61	491.50
15770-0118	EA 7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,747.22	614.13
15770-0119	EA 10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	17,640.46	819.05
15770-0120	EA 15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	24,653.07	1,005.19
15770-0121	EA 20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	28,417.36	1,191.34
15770-0122	EA 25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	33,923.81	1,340.26

15770-0123 Room Air-Conditioners (15770)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, two speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

15770-0124 Window Unit, Room Air-Conditioners (15770-0123)

15770-0125 Cooling Only, Window Unit, Room Air-Conditioners (15770-0124)

15770-0126 115 Volt, Cooling Only, Window Unit, Room Air-Conditioners (15770-0125)

15770-0127	EA 5,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	244.45	33.72
	15MOD-0693 For > 10 To 50, Deduct	-8.85	
	15MOD-0694 For > 50 To 75, Deduct	-12.39	
	15MOD-0695 For > 75 To 100, Deduct	-17.70	
	15MOD-0696 For > 100, Deduct	-21.24	
15770-0128	EA 6,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	269.45	33.72
	15MOD-0693 For > 10 To 50, Deduct	-10.10	
	15MOD-0694 For > 50 To 75, Deduct	-14.14	
	15MOD-0695 For > 75 To 100, Deduct	-20.20	
	15MOD-0696 For > 100, Deduct	-24.24	
15770-0129	EA 8,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	387.70	44.86
	15MOD-0693 For > 10 To 50, Deduct	-14.90	
	15MOD-0694 For > 50 To 75, Deduct	-20.86	
	15MOD-0695 For > 75 To 100, Deduct	-29.80	
	15MOD-0696 For > 100, Deduct	-35.76	
15770-0130	EA 9,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	416.70	44.86
	15MOD-0693 For > 10 To 50, Deduct	-16.35	
	15MOD-0694 For > 50 To 75, Deduct	-22.89	
	15MOD-0695 For > 75 To 100, Deduct	-32.70	
	15MOD-0696 For > 100, Deduct	-39.24	
15770-0131	EA 10,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	444.70	44.86
	15MOD-0693 For > 10 To 50, Deduct	-17.75	
	15MOD-0694 For > 50 To 75, Deduct	-24.85	
	15MOD-0695 For > 75 To 100, Deduct	-35.50	
	15MOD-0696 For > 100, Deduct	-42.60	
15770-0132	EA 12,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	528.89	67.45
	15MOD-0693 For > 10 To 50, Deduct	-19.70	
	15MOD-0694 For > 50 To 75, Deduct	-27.58	
	15MOD-0695 For > 75 To 100, Deduct	-39.40	
	15MOD-0696 For > 100, Deduct	-47.28	
15770-0133	EA 15,000 BTU, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner	661.76	84.31
	15MOD-0693 For > 10 To 50, Deduct	-25.50	
	15MOD-0694 For > 50 To 75, Deduct	-35.70	
	15MOD-0695 For > 75 To 100, Deduct	-51.00	
	15MOD-0696 For > 100, Deduct	-61.20	
15770-0134	EA 8,000 BTU, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner	499.69	44.86
	15MOD-0693 For > 10 To 50, Deduct	-20.50	
	15MOD-0694 For > 50 To 75, Deduct	-28.70	
	15MOD-0695 For > 75 To 100, Deduct	-41.00	
	15MOD-0696 For > 100, Deduct	-49.20	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15770-0135	EA 10,000 BTU, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner	541.69	44.86
	15MOD-0693 For > 10 To 50, Deduct	-22.60	
	15MOD-0694 For > 50 To 75, Deduct	-31.64	
	15MOD-0695 For > 75 To 100, Deduct	-45.20	
	15MOD-0696 For > 100, Deduct	-54.24	
15770-0136	EA 12,000 BTU, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner	594.69	44.86
	15MOD-0693 For > 10 To 50, Deduct	-25.25	
	15MOD-0694 For > 50 To 75, Deduct	-35.35	
	15MOD-0695 For > 75 To 100, Deduct	-50.50	
	15MOD-0696 For > 100, Deduct	-60.60	
15770-0137	230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioners (15770-0125)		
15770-0138	EA 12,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	493.89	67.45
	15MOD-0693 For > 10 To 50, Deduct	-17.95	
	15MOD-0694 For > 50 To 75, Deduct	-25.13	
	15MOD-0695 For > 75 To 100, Deduct	-35.90	
	15MOD-0696 For > 100, Deduct	-43.08	
15770-0139	EA 14,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	576.76	75.87
	15MOD-0693 For > 10 To 50, Deduct	-21.25	
	15MOD-0694 For > 50 To 75, Deduct	-29.75	
	15MOD-0695 For > 75 To 100, Deduct	-42.50	
	15MOD-0696 For > 100, Deduct	-51.00	
15770-0140	EA 15,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	615.24	82.62
	15MOD-0693 For > 10 To 50, Deduct	-22.50	
	15MOD-0694 For > 50 To 75, Deduct	-31.50	
	15MOD-0695 For > 75 To 100, Deduct	-45.00	
	15MOD-0696 For > 100, Deduct	-54.00	
15770-0141	EA 18,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	723.09	90.05
	15MOD-0693 For > 10 To 50, Deduct	-27.15	
	15MOD-0694 For > 50 To 75, Deduct	-38.01	
	15MOD-0695 For > 75 To 100, Deduct	-54.30	
	15MOD-0696 For > 100, Deduct	-65.16	
15770-0142	EA 24,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	880.79	121.41
	15MOD-0693 For > 10 To 50, Deduct	-31.90	
	15MOD-0694 For > 50 To 75, Deduct	-44.66	
	15MOD-0695 For > 75 To 100, Deduct	-63.80	
	15MOD-0696 For > 100, Deduct	-76.56	
15770-0143	EA 26,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	911.30	128.15
	15MOD-0693 For > 10 To 50, Deduct	-32.75	
	15MOD-0694 For > 50 To 75, Deduct	-45.85	
	15MOD-0695 For > 75 To 100, Deduct	-65.50	
	15MOD-0696 For > 100, Deduct	-78.60	
15770-0144	EA 28,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	948.79	134.89
	15MOD-0693 For > 10 To 50, Deduct	-33.95	
	15MOD-0694 For > 50 To 75, Deduct	-47.53	
	15MOD-0695 For > 75 To 100, Deduct	-67.90	
	15MOD-0696 For > 100, Deduct	-81.48	
15770-0145	EA 36,000 BTU, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner.....	2,402.49	151.76
	15MOD-0693 For > 10 To 50, Deduct	-104.95	
	15MOD-0694 For > 50 To 75, Deduct	-146.93	
	15MOD-0695 For > 75 To 100, Deduct	-209.90	
	15MOD-0696 For > 100, Deduct	-251.88	
15770-0146	Heating And Cooling, Window Unit, Room Air-Conditioners (15770-0124)		
15770-0147	115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (15770-0146)		
15770-0148	EA 8,000 BTU, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner.....	628.70	44.86
	15MOD-0693 For > 10 To 50, Deduct	-26.95	
	15MOD-0694 For > 50 To 75, Deduct	-37.73	
	15MOD-0695 For > 75 To 100, Deduct	-53.90	
	15MOD-0696 For > 100, Deduct	-64.68	
15770-0149	230/208 Volts, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (15770-0146)		
15770-0150	EA 12,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	723.89	67.45
	15MOD-0693 For > 10 To 50, Deduct	-29.45	
	15MOD-0694 For > 50 To 75, Deduct	-41.23	
	15MOD-0695 For > 75 To 100, Deduct	-58.90	
	15MOD-0696 For > 100, Deduct	-70.68	
15770-0151	EA 14,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	788.76	75.87
	15MOD-0693 For > 10 To 50, Deduct	-31.85	
	15MOD-0694 For > 50 To 75, Deduct	-44.59	
	15MOD-0695 For > 75 To 100, Deduct	-63.70	
	15MOD-0696 For > 100, Deduct	-76.44	
15770-0152	EA 15,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	823.24	82.62
	15MOD-0693 For > 10 To 50, Deduct	-32.90	
	15MOD-0694 For > 50 To 75, Deduct	-46.06	
	15MOD-0695 For > 75 To 100, Deduct	-65.80	
	15MOD-0696 For > 100, Deduct	-78.96	

15000 Mechanical
15700 Heating, Ventilating, And Air Conditioning Equipment
15770 Packaged Heating And Cooling



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15770-0153	EA		18,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	879.09	90.05
	15MOD-0693		For > 10 To 50, Deduct	-34.95	
	15MOD-0694		For > 50 To 75, Deduct	-48.93	
	15MOD-0695		For > 75 To 100, Deduct	-69.90	
	15MOD-0696		For > 100, Deduct	-83.88	
15770-0154	EA		24,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner	1,041.79	121.41
	15MOD-0693		For > 10 To 50, Deduct	-39.95	
	15MOD-0694		For > 50 To 75, Deduct	-55.93	
	15MOD-0695		For > 75 To 100, Deduct	-79.90	
	15MOD-0696		For > 100, Deduct	-95.88	
15770-0155			Accessories (15770-0124)		
15770-0156	SET		Aluminum Air Conditioner Unit Frame And Bracket Assembly.....	332.35	37.10
15770-0157			Through-The-Wall, Room Air-Conditioners (15770-0123)		
15770-0158			Cooling Only, Through-The-Wall, Room Air-Conditioners (15770-0157)		
15770-0159			115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioners (15770-0158)		
15770-0160	EA		6,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	845.66	118.70
	15MOD-0693		For > 10 To 50, Deduct	-30.45	
	15MOD-0694		For > 50 To 75, Deduct	-42.63	
	15MOD-0695		For > 75 To 100, Deduct	-60.90	
	15MOD-0696		For > 100, Deduct	-73.08	
15770-0161	EA		8,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	883.52	127.48
	15MOD-0693		For > 10 To 50, Deduct	-31.45	
	15MOD-0694		For > 50 To 75, Deduct	-44.03	
	15MOD-0695		For > 75 To 100, Deduct	-62.90	
	15MOD-0696		For > 100, Deduct	-75.48	
15770-0162	EA		10,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	933.52	127.48
	15MOD-0693		For > 10 To 50, Deduct	-33.95	
	15MOD-0694		For > 50 To 75, Deduct	-47.53	
	15MOD-0695		For > 75 To 100, Deduct	-67.90	
	15MOD-0696		For > 100, Deduct	-81.48	
15770-0163	EA		12,000 BTU, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,015.58	153.11
	15MOD-0693		For > 10 To 50, Deduct	-35.45	
	15MOD-0694		For > 50 To 75, Deduct	-49.63	
	15MOD-0695		For > 75 To 100, Deduct	-70.90	
	15MOD-0696		For > 100, Deduct	-85.08	
15770-0164			230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioners (15770-0158)		
15770-0165	EA		9,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	988.01	164.57
	15MOD-0693		For > 10 To 50, Deduct	-32.95	
	15MOD-0694		For > 50 To 75, Deduct	-46.13	
	15MOD-0695		For > 75 To 100, Deduct	-65.90	
	15MOD-0696		For > 100, Deduct	-79.08	
15770-0166	EA		10,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,008.01	164.57
	15MOD-0693		For > 10 To 50, Deduct	-33.95	
	15MOD-0694		For > 50 To 75, Deduct	-47.53	
	15MOD-0695		For > 75 To 100, Deduct	-67.90	
	15MOD-0696		For > 100, Deduct	-81.48	
15770-0167	EA		12,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,038.01	164.57
	15MOD-0693		For > 10 To 50, Deduct	-35.45	
	15MOD-0694		For > 50 To 75, Deduct	-49.63	
	15MOD-0695		For > 75 To 100, Deduct	-70.90	
	15MOD-0696		For > 100, Deduct	-85.08	
15770-0168	EA		14,000 BTU, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner	1,128.01	164.57
	15MOD-0693		For > 10 To 50, Deduct	-39.95	
	15MOD-0694		For > 50 To 75, Deduct	-55.93	
	15MOD-0695		For > 75 To 100, Deduct	-79.90	
	15MOD-0696		For > 100, Deduct	-95.88	
15770-0169			Heating And Cooling, Through-The-Wall, Room Air-Conditioners (15770-0157)		
15770-0170			115 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (15770-0169)		
15770-0171	EA		6,000 BTU, 115 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner.....	925.66	118.70
	15MOD-0693		For > 10 To 50, Deduct	-34.45	
	15MOD-0694		For > 50 To 75, Deduct	-48.23	
	15MOD-0695		For > 75 To 100, Deduct	-68.90	
	15MOD-0696		For > 100, Deduct	-82.68	
15770-0172	EA		8,000 BTU, 115 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner.....	973.52	127.48
	15MOD-0693		For > 10 To 50, Deduct	-35.95	
	15MOD-0694		For > 50 To 75, Deduct	-50.33	
	15MOD-0695		For > 75 To 100, Deduct	-71.90	
	15MOD-0696		For > 100, Deduct	-86.28	
15770-0173			230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (15770-0169)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15770-0174 EA 9,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	818.70	44.86
15MOD-0693 For > 10 To 50, Deduct	-36.45	
15MOD-0694 For > 50 To 75, Deduct	-51.03	
15MOD-0695 For > 75 To 100, Deduct	-72.90	
15MOD-0696 For > 100, Deduct	-87.48	
15770-0175 EA 10,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	863.66	57.33
15MOD-0693 For > 10 To 50, Deduct	-37.45	
15MOD-0694 For > 50 To 75, Deduct	-52.43	
15MOD-0695 For > 75 To 100, Deduct	-74.90	
15MOD-0696 For > 100, Deduct	-89.88	
15770-0176 EA 12,000 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	913.89	67.45
15MOD-0693 For > 10 To 50, Deduct	-38.95	
15MOD-0694 For > 50 To 75, Deduct	-54.53	
15MOD-0695 For > 75 To 100, Deduct	-77.90	
15MOD-0696 For > 100, Deduct	-93.48	
15770-0177 Packaged Terminal Air-Conditioners (15770)		
15770-0178 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners (15770-0177)		
15770-0179 EA 7,100 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,214.22	127.48
15MOD-0690 For > 35 To 70, Deduct	-28.79	
15MOD-0691 For > 70 To 100, Deduct	-47.99	
15MOD-0692 For > 100, Deduct	-67.18	
15770-0180 EA 9,250 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,271.91	143.67
15MOD-0690 For > 35 To 70, Deduct	-29.55	
15MOD-0691 For > 70 To 100, Deduct	-49.25	
15MOD-0692 For > 100, Deduct	-68.94	
15770-0181 EA 11,600 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,317.73	153.11
15MOD-0690 For > 35 To 70, Deduct	-30.33	
15MOD-0691 For > 70 To 100, Deduct	-50.56	
15MOD-0692 For > 100, Deduct	-70.78	
15770-0182 EA 14,500 BTU, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,340.16	164.57
15MOD-0690 For > 35 To 70, Deduct	-30.33	
15MOD-0691 For > 70 To 100, Deduct	-50.56	
15MOD-0692 For > 100, Deduct	-70.78	
15770-0183 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners (15770-0177)		
15770-0184 EA 7,000 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,308.71	127.48
15MOD-0690 For > 35 To 70, Deduct	-31.63	
15MOD-0691 For > 70 To 100, Deduct	-52.71	
15MOD-0692 For > 100, Deduct	-73.79	
15770-0185 EA 9,200 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,362.20	143.67
15MOD-0690 For > 35 To 70, Deduct	-32.26	
15MOD-0691 For > 70 To 100, Deduct	-53.76	
15MOD-0692 For > 100, Deduct	-75.26	
15770-0186 EA 11,600 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,406.97	153.11
15MOD-0690 For > 35 To 70, Deduct	-33.01	
15MOD-0691 For > 70 To 100, Deduct	-55.02	
15MOD-0692 For > 100, Deduct	-77.03	
15770-0187 EA 14,600 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,488.20	164.57
15MOD-0690 For > 35 To 70, Deduct	-34.78	
15MOD-0691 For > 70 To 100, Deduct	-57.96	
15MOD-0692 For > 100, Deduct	-81.14	
15772 Packaged Heat Pump (15700)		
Note: Includes equipment rigging.		
15772-0001 Single Package Thru-Wall Heat Pumps (15772)		
Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 V, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille.		
15772-0002 EA 1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,783.82	132.76
15MOD-0422 For Unit Economizer, Add	208.75	
15MOD-0423 For > 35 To 70, Deduct	-45.55	
15MOD-0424 For > 70 To 100, Deduct	-75.91	
15MOD-0425 For > 100, Deduct	-106.28	
15MOD-0426 For Low Ambient Protection, 0 Degree F, Add	203.04	
15772-0003 EA 1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,971.33	142.21
15MOD-0422 For Unit Economizer, Add	230.87	
15MOD-0423 For > 35 To 70, Deduct	-50.61	
15MOD-0424 For > 70 To 100, Deduct	-84.35	
15MOD-0425 For > 100, Deduct	-118.09	
15MOD-0426 For Low Ambient Protection, 0 Degree F, Add	222.92	
15772-0004 EA 1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,388.35	142.21
15MOD-0422 For Unit Economizer, Add	400.91	
15MOD-0423 For > 35 To 70, Deduct	-93.12	
15MOD-0424 For > 70 To 100, Deduct	-155.20	
15MOD-0425 For > 100, Deduct	-217.28	
15MOD-0426 For Low Ambient Protection, 0 Degree F, Add	350.45	

15000 Mechanical
15700 Heating, Ventilating, And Air Conditioning Equipment
15772 Packaged Heat Pump



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15772-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,710.96	148.92
	15MOD-0422	For Unit Economizer, Add	439.25	
	15MOD-0423	For > 35 To 70, Deduct	-102.23	
	15MOD-0424	For > 70 To 100, Deduct	-170.38	
	15MOD-0425	For > 100, Deduct	-238.53	
	15MOD-0427	For Low Ambient Protection, 0 Degree F, Add	178.07	
15772-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,198.40	159.04
	15MOD-0422	For Unit Economizer, Add	497.44	
	15MOD-0423	For > 35 To 70, Deduct	-116.40	
	15MOD-0424	For > 70 To 100, Deduct	-194.00	
	15MOD-0425	For > 100, Deduct	-271.60	
	15MOD-0427	For Low Ambient Protection, 0 Degree F, Add	196.01	
15772-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,380.87	149.25
	15MOD-0422	For Unit Economizer, Add	519.73	
	15MOD-0423	For > 35 To 70, Deduct	-122.47	
	15MOD-0424	For > 70 To 100, Deduct	-204.12	
	15MOD-0425	For > 100, Deduct	-285.77	
	15MOD-0428	For Low Ambient Protection, 0 Degree F, Add	605.33	
15772-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,934.55	156.18
	15MOD-0422	For Unit Economizer, Add	585.90	
	15MOD-0423	For > 35 To 70, Deduct	-138.67	
	15MOD-0424	For > 70 To 100, Deduct	-231.11	
	15MOD-0425	For > 100, Deduct	-323.55	
	15MOD-0428	For Low Ambient Protection, 0 Degree F, Add	678.97	
15772-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,454.56	163.13
	15MOD-0422	For Unit Economizer, Add	648.02	
	15MOD-0423	For > 35 To 70, Deduct	-153.85	
	15MOD-0424	For > 70 To 100, Deduct	-256.41	
	15MOD-0425	For > 100, Deduct	-358.98	
	15MOD-0428	For Low Ambient Protection, 0 Degree F, Add	748.25	
15772-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,279.09	187.42
	15MOD-0422	For Unit Economizer, Add	745.99	
	15MOD-0423	For > 35 To 70, Deduct	-177.13	
	15MOD-0424	For > 70 To 100, Deduct	-295.21	
	15MOD-0425	For > 100, Deduct	-413.30	
	15MOD-0428	For Low Ambient Protection, 0 Degree F, Add	861.26	
15772-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	11,547.32	223.52
	15MOD-0422	For Unit Economizer, Add	1,376.73	
	15MOD-0423	For > 35 To 70, Deduct	-333.00	
	15MOD-0424	For > 70 To 100, Deduct	-555.00	
	15MOD-0425	For > 100, Deduct	-777.00	
	15MOD-0428	For Low Ambient Protection, 0 Degree F, Add	1,554.82	
15772-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	14,911.04	303.05
	15MOD-0422	For Unit Economizer, Add	1,777.21	
	15MOD-0423	For > 35 To 70, Deduct	-429.16	
	15MOD-0424	For > 70 To 100, Deduct	-715.26	
	15MOD-0425	For > 100, Deduct	-1,001.37	
	15MOD-0429	For Low Ambient Protection, 0 Degree F, Add	294.50	
15772-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	18,214.18	335.07
	15MOD-0422	For Unit Economizer, Add	2,172.30	
	15MOD-0423	For > 35 To 70, Deduct	-526.32	
	15MOD-0424	For > 70 To 100, Deduct	-877.21	
	15MOD-0425	For > 100, Deduct	-1,228.09	
	15MOD-0429	For Low Ambient Protection, 0 Degree F, Add	342.95	
15772-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	22,486.14	378.25
	15MOD-0422	For Unit Economizer, Add	2,683.17	
	15MOD-0423	For > 35 To 70, Deduct	-651.83	
	15MOD-0424	For > 70 To 100, Deduct	-1,086.39	
	15MOD-0425	For > 100, Deduct	-1,520.94	
	15MOD-0429	For Low Ambient Protection, 0 Degree F, Add	406.87	
15772-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	29,969.33	409.52
	15MOD-0422	For Unit Economizer, Add	3,579.94	
	15MOD-0423	For > 35 To 70, Deduct	-874.51	
	15MOD-0424	For > 70 To 100, Deduct	-1,457.51	
	15MOD-0425	For > 100, Deduct	-2,040.52	
	15MOD-0429	For Low Ambient Protection, 0 Degree F, Add	496.27	
15772-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	36,116.63	446.76
	15MOD-0422	For Unit Economizer, Add	4,316.13	
	15MOD-0423	For > 35 To 70, Deduct	-1,056.70	
	15MOD-0424	For > 70 To 100, Deduct	-1,761.16	
	15MOD-0425	For > 100, Deduct	-2,465.63	
	15MOD-0429	For Low Ambient Protection, 0 Degree F, Add	575.58	
15772-0017		Split System Heat Pump ⁽¹⁵⁷⁷²⁾ See CSI section 15063-0387 for piping, 15184-0001 for insulation.		
15772-0018		Air Cooled, Outdoor Section ⁽¹⁵⁷⁷²⁻⁰⁰¹⁷⁾		
15772-0019	EA	1.5 Ton 13 SEER Outdoor Heat Pump Unit.....	1,171.38	223.84
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
	15MOD-0430	For Low Ambient Protection, 0 Degree F, Add	226.27	
	15MOD-0434	For Winterstart Control, Add	67.20	
	15MOD-0436	For SEER 14 Rating, Add	174.77	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15772-0020	EA 2 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,254.42	248.71
	15MOD-0430 For Low Ambient Protection, 0 Degree F, Add	243.40	
	15MOD-0434 For Winterstart Control, Add	72.79	
	15MOD-0436 For SEER 14 Rating, Add	184.29	
15772-0021	EA 2.5 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,435.16	288.66
	15MOD-0430 For Low Ambient Protection, 0 Degree F, Add	278.95	
	15MOD-0434 For Winterstart Control, Add	83.63	
	15MOD-0436 For SEER 14 Rating, Add	209.59	
15772-0022	EA 3 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,603.84	331.61
	15MOD-0431 For Low Ambient Protection, 0 Degree F, Add	257.78	
	15MOD-0434 For Winterstart Control, Add	94.30	
	15MOD-0436 For SEER 14 Rating, Add	231.29	
15772-0023	EA 3.5 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,804.05	344.43
	15MOD-0431 For Low Ambient Protection, 0 Degree F, Add	284.31	
	15MOD-0434 For Winterstart Control, Add	103.47	
	15MOD-0436 For SEER 14 Rating, Add	269.28	
15772-0024	EA 4 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,971.75	395.68
	15MOD-0431 For Low Ambient Protection, 0 Degree F, Add	310.09	
	15MOD-0434 For Winterstart Control, Add	112.79	
	15MOD-0436 For SEER 14 Rating, Add	295.37	
15772-0025	EA 5 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,158.85	435.24
	15MOD-0432 For Low Ambient Protection, 0 Degree F, Add	232.30	
	15MOD-0435 For Winterstart Control, Add	77.55	
	15MOD-0436 For SEER 14 Rating, Add	322.78	
15772-0026	EA 7.5 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,915.54	485.91
	15MOD-0432 For Low Ambient Protection, 0 Degree F, Add	434.61	
	15MOD-0435 For Winterstart Control, Add	121.63	
	15MOD-0436 For SEER 14 Rating, Add	1,096.49	
15772-0027	EA 10 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	8,226.04	583.08
	15MOD-0433 For Low Ambient Protection, 0 Degree F, Add	289.18	
	15MOD-0435 For Winterstart Control, Add	157.35	
	15MOD-0436 For SEER 14 Rating, Add	1,552.26	
15772-0028	EA 15 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	10,863.73	680.27
	15MOD-0433 For Low Ambient Protection, 0 Degree F, Add	322.97	
	15MOD-0435 For Winterstart Control, Add	195.89	
	15MOD-0436 For SEER 14 Rating, Add	2,077.79	
15772-0029	EA 20 Ton 13 SEER Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	15,086.83	728.86
	15MOD-0433 For Low Ambient Protection, 0 Degree F, Add	340.86	
	15MOD-0435 For Winterstart Control, Add	244.56	
	15MOD-0436 For SEER 14 Rating, Add	2,949.62	
15772-0030	Indoor Section, Horizontal - Upflow Including Throwaway Filters <small>(15772-0017)</small>		
15772-0031	EA 2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,013.32	74.28
	15MOD-0437 For Additional 5 KW Electric Heat, Add	93.87	
15772-0032	EA 2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,110.21	92.53
	15MOD-0437 For Additional 5 KW Electric Heat, Add	101.77	
15772-0033	EA 3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,149.04	111.76
	15MOD-0437 For Additional 5 KW Electric Heat, Add	103.71	
15772-0034	EA 3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,561.91	130.85
	15MOD-0437 For Additional 5 KW Electric Heat, Add	143.09	
15772-0035	EA 4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,595.36	147.51
	15MOD-0437 For Additional 5 KW Electric Heat, Add	144.77	
15772-0036	EA 5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,766.00	169.38
	15MOD-0437 For Additional 5 KW Electric Heat, Add	159.67	
15772-0037	EA 7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	3,823.77	277.67
	15MOD-0437 For Additional 5 KW Electric Heat, Add	354.61	
15772-0038	EA 10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	5,701.83	312.36
	15MOD-0437 For Additional 5 KW Electric Heat, Add	538.95	
15772-0039	EA 15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,059.44	347.07
	15MOD-0437 For Additional 5 KW Electric Heat, Add	771.24	
15772-0040	EA 20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	9,145.48	416.49
	15MOD-0437 For Additional 5 KW Electric Heat, Add	872.89	
15772-0041	Ductless Split System Heat Pumps <small>(15772-0017)</small> Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 15770-0065 for accessories.		
15772-0042	Wall Mounted Ductless Split System Heat Pumps <small>(15772-0041)</small>		
15772-0043	EA 9,000 BTU Cooling, 12,200 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 16 SEER	1,641.20	229.07
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0044	EA 11,900 BTU Cooling, 13,300 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 17 SEER	1,812.73	249.89
	Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

15000 Mechanical
15700 Heating, Ventilating, And Air Conditioning Equipment
15772 Packaged Heat Pump



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15772-0045	EA	17,500 BTU Cooling, 20,400 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 20 SEER.....	2,217.09	277.67
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0046	EA	24,200 BTU Cooling, 29,000 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 17 SEER.....	2,554.21	305.43
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0047	EA	25,200 BTU Cooling, 29,200 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 14.9 SEER.....	3,646.74	333.19
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0048	EA	29,800 BTU Cooling, 34,800 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 15 SEER.....	4,234.47	347.07
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0049	EA	31,400 BTU Cooling, 36,400 BTU Heating Wall Mounted Ductless Split System Heat Pumps, 15.9 SEER.....	4,647.59	369.99
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0050		Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps (15772-0041)		
		Note: Use this section only when matching indoor and outdoor capacity units are not used.		
15772-0051	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	676.76	111.06
		Note: Includes indoor unit and wireless thermostat.		
15772-0052	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	713.71	118.01
		Note: Includes indoor unit and wireless thermostat.		
15772-0053	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	751.30	124.95
		Note: Includes indoor unit and wireless thermostat.		
15772-0054	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	857.46	131.89
		Note: Includes indoor unit and wireless thermostat.		
15772-0055	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	913.97	138.83
		Note: Includes indoor unit and wireless thermostat.		
15772-0056	EA	19,700 BTU Cooling, 24,800 BTU Heating Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps, 16.4 SEER.....	2,068.54	166.60
		Note: Includes outdoor unit and refrigerant charge.		
15772-0057	EA	23,200 BTU Cooling, 29,200 BTU Heating Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps, 16.5 SEER.....	2,455.82	180.48
		Note: Includes outdoor unit and refrigerant charge.		
15772-0058	EA	30,600 BTU Cooling, 32,000 BTU Heating Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps, 17.2 SEER.....	4,009.87	194.36
		Note: Includes outdoor unit and refrigerant charge.		
15772-0059		Suspended Ceiling Mounted Ductless Split System Heat Pumps (15772-0041)		
		Note: Excludes hangers.		
15772-0060	EA	24,400 BTU Cooling, 30,800 BTU Heating Ceiling Suspended Ductless Split System Heat Pumps, 14.5 SEER.....	3,903.99	333.19
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0061	EA	31,200 BTU Cooling, 37,400 BTU Heating Ceiling Suspended Ductless Split System Heat Pumps, 15.1 SEER.....	4,737.89	397.75
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0062	EA	39,000 BTU Cooling, 44,500 BTU Heating Ceiling Suspended Ductless Split System Heat Pumps, 15.6 SEER.....	5,734.72	416.49
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0063		Recessed Ceiling Mounted Ductless Split System Heat Pumps (15772-0041)		
		Note: Excludes hangers.		
15772-0064	EA	11,900 BTU Cooling, 13,600 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 16 SEER.....	2,575.54	277.67
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0065	EA	17,500 BTU Cooling, 20,400 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 16 SEER.....	2,921.80	305.43
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0066	EA	24,800 BTU Cooling, 29,800 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 14.1 SEER.....	3,875.47	360.96
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0067	EA	32,600 BTU Cooling, 37,600 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 14.6 SEER.....	4,476.72	397.75
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0068	EA	39,500 BTU Cooling, 48,000 BTU Heating Ceiling Recessed Ductless Split System Heat Pumps, 14.6 SEER.....	5,604.14	416.49
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
15772-0069		Single Package Vertical Wall Heat Pumps (15772)		
		Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan.		
15772-0070	EA	1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	2,737.73	186.15
15772-0071	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	3,330.64	198.80
15772-0072	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	4,318.62	208.49
15772-0073	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	4,955.27	227.10
15772-0074	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	6,204.63	265.45
15772-0075	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	6,585.54	277.67
15772-0076	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	7,139.26	312.36
15772-0077	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	8,037.60	347.07
15772-0078	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	9,056.87	416.49
15772-0079		Water Source Heat Pumps (15772)		
15772-0080		Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps (15772-0079)		
		Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.		
15772-0081	EA	7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	1,516.84	134.89
15772-0082	EA	9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	1,562.65	134.89
15772-0083	EA	12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	1,802.39	148.39
15772-0084	EA	19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	1,901.65	161.87
15772-0085	EA	24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	2,040.61	175.36



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15772-0086	EA 30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	2,393.34	188.86
15772-0087	EA 36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	2,450.86	202.34
15772-0088	EA 42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	2,671.27	215.83
15772-0089	EA 48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	2,850.94	229.32
15772-0090	EA 60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	2,903.37	242.81
15772-0091	Heat Pump, Room Air-Conditioners ⁽¹⁵⁷⁷²⁾ Note: Includes throwaway filters and supplemental heat.		
15772-0092	Heat Pump, Window Unit, Room Air-Conditioners ⁽¹⁵⁷⁷²⁻⁰⁰⁹¹⁾		
15772-0093	115 Volt, Heat Pump, Window Unit, Room Air-Conditioners ⁽¹⁵⁷⁷²⁻⁰⁰⁹²⁾		
15772-0094	EA 9,000 BTUH, 115 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	1,438.69	44.86
	15MOD-0693 For > 10 To 50, Deduct	-67.45	
	15MOD-0694 For > 50 To 75, Deduct	-94.43	
	15MOD-0695 For > 75 To 100, Deduct	-134.90	
	15MOD-0696 For > 100, Deduct	-161.88	
15772-0095	230/208 Volt, Heat Pump, Window Unit, Room Air-Conditioners ⁽¹⁵⁷⁷²⁻⁰⁰⁹²⁾		
15772-0096	EA 12,000 BTUH, 230/208 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	1,403.89	67.45
	15MOD-0693 For > 10 To 50, Deduct	-63.45	
	15MOD-0694 For > 50 To 75, Deduct	-88.83	
	15MOD-0695 For > 75 To 100, Deduct	-126.90	
	15MOD-0696 For > 100, Deduct	-152.28	
15772-0097	EA 18,000 BTUH, 230/208 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	1,637.50	92.74
	15MOD-0693 For > 10 To 50, Deduct	-72.60	
	15MOD-0694 For > 50 To 75, Deduct	-101.64	
	15MOD-0695 For > 75 To 100, Deduct	-145.20	
	15MOD-0696 For > 100, Deduct	-174.24	
15772-0098	EA 24,000 BTUH, 230/208 Volt, Heat Pump, Heating And Cooling, Window Unit, Room Air-Conditioner	2,008.62	121.41
	15MOD-0693 For > 10 To 50, Deduct	-88.30	
	15MOD-0694 For > 50 To 75, Deduct	-123.62	
	15MOD-0695 For > 75 To 100, Deduct	-176.60	
	15MOD-0696 For > 100, Deduct	-211.92	
15772-0099	Heat Pump, Through-The-Wall, Room Air-Conditioners ⁽¹⁵⁷⁷²⁻⁰⁰⁹¹⁾		
15772-0100	230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioners ⁽¹⁵⁷⁷²⁻⁰⁰⁹⁹⁾		
15772-0101	EA 9,000 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	1,268.70	44.86
	15MOD-0693 For > 10 To 50, Deduct	-58.95	
	15MOD-0694 For > 50 To 75, Deduct	-82.53	
	15MOD-0695 For > 75 To 100, Deduct	-117.90	
	15MOD-0696 For > 100, Deduct	-141.48	
15772-0102	EA 12,000 BTU, 230/208 Volt, Heat Pump, Heating And Cooling, Through-The-Wall, Room Air-Conditioner	1,383.89	67.45
	15MOD-0693 For > 10 To 50, Deduct	-62.45	
	15MOD-0694 For > 50 To 75, Deduct	-87.43	
	15MOD-0695 For > 75 To 100, Deduct	-124.90	
	15MOD-0696 For > 100, Deduct	-149.88	
15773	Computer Room Air Conditioner ⁽¹⁵⁷⁰⁰⁾ Note: Includes equipment rigging. Indoor units include filters.		
15773-0001	Floor Mounted Air Cooled Direct Expansion Type ⁽¹⁵⁷⁷³⁾ Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.		
15773-0002	EA 3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	18,285.34	1,481.60
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	2,007.56	
15773-0003	EA 5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	20,179.63	1,620.50
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	2,216.93	
15773-0004	EA 6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	27,820.57	1,852.00
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	3,133.25	
15773-0005	EA 10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	33,052.00	2,083.50
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	3,744.14	
15773-0006	EA 16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	37,085.41	2,500.20
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	4,164.11	
15773-0007	EA 20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	41,878.67	2,778.00
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	4,718.35	
15773-0008	EA 24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	43,970.10	2,963.21
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	4,940.05	
15773-0009	EA 30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type	51,572.99	3,333.60
	Note: Includes interior unit and remote condenser. Excludes piping.		
	15MOD-0438 For Liebert Unit, Add	5,826.84	

15000 Mechanical
15700 Heating, Ventilating, And Air Conditioning Equipment
15773 Computer Room Air Conditioner



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15773-0010 Floor Mounted Chilled Water Type ⁽¹⁵⁷⁷³⁾ Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes chilled water source. See CSI section 15773-0018 for chilled water source.		
15773-0011 EA 3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	12,330.73	1,015.20
15MOD-0438 For Liebert Unit, Add	1,372.14	
15773-0012 EA 5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	13,258.20	1,124.53
15MOD-0438 For Liebert Unit, Add	1,469.85	
15773-0013 EA 12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	16,468.44	1,712.82
15MOD-0438 For Liebert Unit, Add	1,773.09	
15773-0014 EA 16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	17,205.71	1,735.38
15MOD-0438 For Liebert Unit, Add	1,861.51	
15773-0015 EA 20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	17,869.23	1,804.80
15MOD-0438 For Liebert Unit, Add	1,931.70	
15773-0016 EA 22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	18,315.95	1,978.34
15MOD-0438 For Liebert Unit, Add	1,959.77	
15773-0017 EA 31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	19,439.85	2,151.88
15MOD-0438 For Liebert Unit, Add	2,072.06	
15773-0018 Floor Mounted Water Source ⁽¹⁵⁷⁷³⁾ Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes water source.		
15773-0019 EA 3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	9,603.71	926.00
15MOD-0438 For Liebert Unit, Add	1,027.48	
15773-0020 EA 5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	10,558.47	972.30
15MOD-0438 For Liebert Unit, Add	1,138.13	
15773-0021 EA 6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	13,630.71	1,018.61
15MOD-0438 For Liebert Unit, Add	1,513.56	
15773-0022 EA 8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	14,693.92	1,111.20
15MOD-0438 For Liebert Unit, Add	1,628.16	
15773-0023 EA 10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	16,224.02	1,203.80
15MOD-0438 For Liebert Unit, Add	1,802.04	
15773-0024 EA 12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	16,872.03	1,296.40
15MOD-0438 For Liebert Unit, Add	1,865.27	
15773-0025 EA 15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,620.39	1,389.01
15MOD-0438 For Liebert Unit, Add	1,944.31	
15773-0026 EA 20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	18,130.52	1,481.60
15MOD-0438 For Liebert Unit, Add	1,991.73	
15773-0027 EA 25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	20,755.16	1,759.40
15MOD-0438 For Liebert Unit, Add	2,265.72	
15773-0028 Floor Mounted Glycol System Type ⁽¹⁵⁷⁷³⁾ Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand. Excludes chilled water source. See CSI section 15773-0018 for water source.		
15773-0029 EA 3 Ton Computer Room Air Conditioner, Glycol System Type	17,687.89	1,015.20
15MOD-0438 For Liebert Unit, Add	2,041.79	
15773-0030 EA 5 Ton Computer Room Air Conditioner, Glycol System Type	19,049.07	1,124.53
15MOD-0438 For Liebert Unit, Add	2,193.71	
15773-0031 EA 6 Ton Computer Room Air Conditioner, Glycol System Type	29,247.91	1,259.89
15MOD-0438 For Liebert Unit, Add	3,446.01	
15773-0032 EA 9 Ton Computer Room Air Conditioner, Glycol System Type	30,208.21	1,395.25
15MOD-0438 For Liebert Unit, Add	3,543.49	
15773-0033 EA 10 Ton Computer Room Air Conditioner, Glycol System Type	32,341.79	1,530.61
15MOD-0438 For Liebert Unit, Add	3,787.62	
15773-0034 EA 16 Ton Computer Room Air Conditioner, Glycol System Type	38,682.37	1,735.38
15MOD-0438 For Liebert Unit, Add	4,544.62	
15773-0035 EA 20 Ton Computer Room Air Conditioner, Glycol System Type	42,383.73	1,804.80
15MOD-0438 For Liebert Unit, Add	4,996.01	
15773-0036 EA 22 Ton Computer Room Air Conditioner, Glycol System Type	43,982.88	1,978.34
15MOD-0438 For Liebert Unit, Add	5,168.13	
15773-0037 EA 30 Ton Computer Room Air Conditioner, Glycol System Type	53,496.16	2,151.88
15MOD-0438 For Liebert Unit, Add	6,329.10	
15773-0038 Horizontal Indoor Single Package Cooling Unit ⁽¹⁵⁷⁷³⁾ Note: Carrier 50AH With indoor scroll compressor, plenum mounted.		
15773-0039 EA 2 Ton Horizontal Indoor Single-Package Cooling Unit, 800 CFM Nominal	9,561.71	416.49
15773-0040 EA 3 Ton Horizontal Indoor Single-Package Cooling Unit, 1200 CFM Nominal	11,220.93	520.61
15773-0041 EA 4 Ton Horizontal Indoor Single-Package Cooling Unit, 1600 CFM Nominal	13,074.10	624.74
15773-0042 EA 5 Ton Horizontal Indoor Single-Package Cooling Unit, 2000 CFM Nominal	15,203.40	694.15
15773-0043 Removal And Reinstallation Of Computer Room Unit ⁽¹⁵⁷⁷³⁾ Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
15773-0044 EA Remove And Reinstall Computer Room Unit, Chilled Water	1,388.31	
15773-0045 EA Remove And Reinstall Computer Room Unit, Direct Expansion	1,156.92	

15776 Evaporative Cooling Unit ⁽¹⁵⁷⁰⁰⁾



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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Note: Includes equipment rigging.

15776-0001	Evaporative Cooling Unit, Single Stage <small>(15776)</small>		
15776-0002	Side Or Down Draft Evaporative Cooling Unit <small>(15776-0001)</small>		
	Note: Includes motor, belt and pads.		
15776-0003	EA 3500 CFM Evaporative Cooler, 1/3 HP.....	1,045.41	277.67
15776-0004	EA 4500 CFM Evaporative Cooler, 1/2 HP.....	1,142.10	416.49
15776-0005	EA 6500 CFM Evaporative Cooler, 3/4 HP.....	1,388.10	465.08
15776-0006	EA 8500 CFM Evaporative Cooler, 1 HP.....	1,894.07	555.32
15776-0007	EA 10500 CFM Evaporative Cooler, 1 HP.....	2,474.73	624.74
15776-0008	EA 12000 CFM Evaporative Cooler, 1-1/2 HP.....	2,747.17	694.15
15776-0009	EA 14000 CFM Evaporative Cooler, 1-1/2 HP.....	3,181.42	728.86
15776-0010	EA 16000 CFM Evaporative Cooler, 2 HP.....	3,357.16	763.57
15776-0011	EA 18000 CFM Evaporative Cooler, 3 HP.....	3,434.30	902.40
15776-0012	EA 21000 CFM Evaporative Cooler, 5 HP.....	3,939.73	1,041.23

15781 Humidifiers (15700)

15781-0001	Steam Type Pneumatically Controlled <small>(15781)</small>		
	Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
15781-0002	EA 3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls.....	1,012.62	178.06
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	312.78	
15781-0003	EA 3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls.....	1,012.62	178.06
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	312.78	
15781-0004	EA 65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls.....	1,434.95	178.06
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	439.48	
15781-0005	EA 65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls.....	1,502.39	222.58
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	461.96	
15781-0006	EA 100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls.....	2,129.38	178.06
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	647.81	
15781-0007	EA 100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls.....	2,196.82	222.58
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	670.29	
15781-0008	EA 220-2000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls.....	3,281.85	222.58
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	995.80	
15781-0009	EA 220-2000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls.....	3,366.17	278.56
	15MOD-0439 For Electrically Controlled Unit, Add	700.00	
	15MOD-0440 For Each Additional Manifold, Add	1,023.90	
15781-0010	Residential Humidifiers <small>(15781)</small>		
	Note: Includes solenoid valve and flow through water supply.		
15781-0011	EA Duct Or Furnace Mounted Humidifier, Residential Type.....	301.82	33.72

15800 Air Distribution (15000)

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner.

15811 Furnaces (15800)

Note: All units based on output.

15811-0001	Electric-Resistance Forced Air Furnaces <small>(15811)</small>		
	Note: Air Handler used for cooling only or cooling with electric resistance heating. Units are sized by compatible cooling load. Heating coil supplied separately from furnace. Excludes condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
15811-0002	Down Flow Multi-Speed Air Handler/Electric Furnace <small>(15811-0001)</small>		
15811-0003	EA Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace.....	983.27	69.42
	Note: Excludes cooling equipment.		
15811-0004	EA >2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace.....	1,208.66	86.77
	Note: Excludes cooling equipment.		
15811-0005	EA >3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace.....	1,355.55	104.12
	Note: Excludes cooling equipment.		
15811-0006	Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace <small>(15811-0001)</small>		
15811-0007	EA Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace.....	874.39	69.42
	Note: Excludes cooling equipment.		
15811-0008	EA >2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace.....	978.18	78.10
	Note: Excludes cooling equipment.		
15811-0009	EA >2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace.....	1,229.60	86.77
	Note: Excludes cooling equipment.		
15811-0010	EA >3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace.....	1,264.31	95.45
	Note: Excludes cooling equipment.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15811-0011 EA >3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,322.05	104.12
15811-0012 Heating Coil For Air Handler/Electric Furnace (15811-0001)		
15811-0013 EA 5 KW Heating Coil For Air Handler/Electric Furnace.....	123.96	17.65
15811-0014 EA 7 KW Heating Coil For Air Handler/Electric Furnace.....	141.49	19.41
15811-0015 EA 10 KW Heating Coil For Air Handler/Electric Furnace.....	169.49	21.18
15811-0016 EA 15 KW Heating Coil For Air Handler/Electric Furnace.....	219.47	22.93
15811-0017 EA 20 KW Heating Coil For Air Handler/Electric Furnace.....	249.55	24.70
15811-0018 Natural Gas Fired Forced Air Furnaces (15811) Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
15811-0019 Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace (15811-0018)		
15811-0020 EA 46 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,180.97	60.74
15811-0021 EA 69 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,248.14	69.42
15811-0022 EA 69 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,324.70	78.10
15811-0023 EA 92 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,450.49	86.77
15811-0024 EA 92 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,536.50	95.45
15811-0025 EA 115 MBH Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,634.02	104.12
15811-0026 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace (15811-0018)		
15811-0027 EA 46 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,536.92	60.74
15811-0028 EA 69 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,714.15	78.10
15811-0029 EA 92 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,000.28	95.45
15811-0030 EA 115 MBH Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,089.43	104.12
15811-0031 Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace (15811-0018)		
15811-0032 EA 46 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,193.53	60.74
15811-0033 EA 69 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,255.46	69.42
15811-0034 EA 69 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,354.02	78.10
15811-0035 EA 92 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,445.26	86.77
15811-0036 EA 92 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,531.27	95.45
15811-0037 EA 115 MBH Down Flow Multi-Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,620.41	104.12
15811-0038 Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace (15811-0018)		
15811-0039 EA 69 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,659.71	78.10
15811-0040 EA 92 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,031.68	95.45
15811-0041 EA 115 MBH Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,134.44	104.12
15811-0042 Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace (15811-0018)		
15811-0043 EA 45 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	969.50	60.74
15811-0044 EA 70 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,038.76	69.42
15811-0045 EA 70 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,096.48	78.10
15811-0046 EA 90 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,174.11	86.77
15811-0047 EA 90 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,238.13	95.45
15811-0048 EA 115 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,302.16	104.12
15811-0049 EA 140 MBH Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,435.28	112.80



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15811-0050 Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace <small>(15811-0018)</small>		
15811-0051 EA 45 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	932.86	60.74
15811-0052 EA 70 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	997.93	69.42
15811-0053 EA 90 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,153.17	86.77
15811-0054 EA 115 MBH Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,302.16	104.12
15811-0055 75% AFUE Gas Wall/Recessed Furnace <small>(15811-0018)</small>		
15811-0056 EA 35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,280.27	52.06
15811-0057 EA 55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,453.77	65.11
15811-0058 EA 35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,108.57	52.06
15811-0059 EA 40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,223.29	56.43
15811-0060 EA 50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,257.40	60.74
15811-0061 EA 65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,286.26	65.11
15811-0062 Oil Fired Forced Air Furnaces <small>(15811)</small>		
Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
15811-0063 Up Flow Single Speed, One Stage 81% AFUE Oil Furnace <small>(15811-0062)</small>		
15811-0064 EA 70 MBH Up Flow Single Speed, One Stage 81% AFUE Oil Furnace	1,694.12	69.42
15811-0065 EA 119 MBH Up Flow Single Speed, One Stage 81% AFUE Oil Furnace	1,805.55	95.45
15811-0066 EA 154 MBH Up Flow Single Speed, One Stage 81% AFUE Oil Furnace	2,047.71	112.80
15811-0067 Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace <small>(15811-0062)</small>		
15811-0068 EA 119 MBH Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace.....	1,911.29	95.45
15811-0069 EA 154 MBH Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace.....	2,072.84	112.80
15811-0070 Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace <small>(15811-0062)</small>		
15811-0071 EA 119 MBH Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace.....	1,979.34	95.45
15811-0072 EA 154 MBH Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace.....	2,172.29	112.80
15811-0073 Furnace Accessories <small>(15811)</small>		
15811-0074 EA LP Gas Furnace Conversion Kit	108.14	17.35
15811-0075 EA 1" Furnace External Filter Rack.....	46.65	
15811-0076 EA Remove And Reinstall Forced Air Furnace.....	321.37	
Note: Includes storage and cleaning. Excludes ductwork.		
15820 Duct Furnaces <small>(15800)</small>		
15820-0001 Indoor Duct Furnaces <small>(15820)</small>		
Note: Factory assembled. Includes burner, controls, stainless steel heat exchanger, gas fired and electric ignition.		
15820-0002 EA 100 MBH Duct Furnace	1,988.94	135.36
15820-0003 EA 150 MBH Duct Furnace	2,428.11	166.60
15820-0004 EA 200 MBH Duct Furnace	3,194.69	239.48
15820-0005 EA 250 MBH Duct Furnace	3,461.83	270.72
15820-0006 EA 300 MBH Duct Furnace	3,746.32	312.36
15820-0007 EA 350 MBH Duct Furnace	4,151.41	374.84
15820-0008 EA 400 MBH Duct Furnace	4,865.98	499.79
15821 Centrifugal Fans <small>(15800)</small>		
Note: All belt fans to be supplied with belt guard.		
15821-0001 Utility Backward Inclined Steel Wheel Centrifugal Fans <small>(15821)</small>		
Note: V-belt driven		
15821-0002 Industrial Type Utility Backward Centrifugal Fans <small>(15821-0001)</small>		
Note: Under 30" diameter wheel		
15821-0003 12-1/4" Diameter Wheel 650 To 2950 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0004 EA 1/6 HP Centrifugal Fan, 12-1/4" Wheel, 450-1750 CFM At 1/8" Static Pressure	864.44	152.50
15MOD-0441 For 1/4" Static Pressure, Add	63.31	
15MOD-0442 For 3/8" Static Pressure, Add	94.96	
15MOD-0443 For 1/2" Static Pressure, Add	126.61	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	63.31	

15000 Mechanical
15800 Air Distribution
15821 Centrifugal Fans



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0005 EA 1/4 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,253.28	158.27
15MOD-0441 For 1/4" Static Pressure, Add	101.39	
15MOD-0442 For 3/8" Static Pressure, Add	152.09	
15MOD-0443 For 1/2" Static Pressure, Add	202.78	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	101.39	
15821-0006 EA 1/3 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,288.74	126.13
15MOD-0441 For 1/4" Static Pressure, Add	103.65	
15MOD-0442 For 3/8" Static Pressure, Add	155.48	
15MOD-0443 For 1/2" Static Pressure, Add	207.30	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	103.65	
15821-0007 EA 1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,346.11	172.85
15MOD-0441 For 1/4" Static Pressure, Add	108.44	
15MOD-0442 For 3/8" Static Pressure, Add	162.65	
15MOD-0443 For 1/2" Static Pressure, Add	216.87	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	108.44	
15821-0008 EA 3/4 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,377.74	183.26
15MOD-0441 For 1/4" Static Pressure, Add	110.01	
15MOD-0442 For 3/8" Static Pressure, Add	165.01	
15MOD-0443 For 1/2" Static Pressure, Add	220.01	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	110.01	
15821-0009 EA 1 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,421.42	190.89
15MOD-0441 For 1/4" Static Pressure, Add	113.22	
15MOD-0442 For 3/8" Static Pressure, Add	169.83	
15MOD-0443 For 1/2" Static Pressure, Add	226.44	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	113.22	
15821-0010 EA 1-1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650-2950 CFM At 1/8" Static Pressure	1,464.35	203.39
15MOD-0441 For 1/4" Static Pressure, Add	115.61	
15MOD-0442 For 3/8" Static Pressure, Add	173.42	
15MOD-0443 For 1/2" Static Pressure, Add	231.22	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	115.61	
15821-0011 13-1/2" Diameter Wheel 734 To 3343 CFM At 1/8" Static Pressure (15821-0002)		
15821-0012 EA 1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,448.40	166.60
15MOD-0441 For 1/4" Static Pressure, Add	119.60	
15MOD-0442 For 3/8" Static Pressure, Add	179.40	
15MOD-0443 For 1/2" Static Pressure, Add	239.20	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	119.60	
15821-0013 EA 1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,473.87	172.85
15MOD-0441 For 1/4" Static Pressure, Add	121.19	
15MOD-0442 For 3/8" Static Pressure, Add	181.79	
15MOD-0443 For 1/2" Static Pressure, Add	242.39	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	121.19	
15821-0014 EA 1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,521.49	183.26
15MOD-0441 For 1/4" Static Pressure, Add	124.38	
15MOD-0442 For 3/8" Static Pressure, Add	186.57	
15MOD-0443 For 1/2" Static Pressure, Add	248.76	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	124.38	
15821-0015 EA 3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,548.99	190.89
15MOD-0441 For 1/4" Static Pressure, Add	125.98	
15MOD-0442 For 3/8" Static Pressure, Add	188.96	
15MOD-0443 For 1/2" Static Pressure, Add	251.95	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	125.98	
15821-0016 EA 1 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,600.17	203.39
15MOD-0441 For 1/4" Static Pressure, Add	129.17	
15MOD-0442 For 3/8" Static Pressure, Add	193.75	
15MOD-0443 For 1/2" Static Pressure, Add	258.33	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	129.17	
15821-0017 EA 1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734-3343 CFM At 1/8" Static Pressure	1,651.73	213.11
15MOD-0441 For 1/4" Static Pressure, Add	132.89	
15MOD-0442 For 3/8" Static Pressure, Add	199.33	
15MOD-0443 For 1/2" Static Pressure, Add	265.77	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	132.89	
15821-0018 15" Diameter Wheel 1258 To 4146 CFM At 1/8" Static Pressure (15821-0002)		
15821-0019 EA 1/4 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,457.92	172.85
15MOD-0441 For 1/4" Static Pressure, Add	119.60	
15MOD-0442 For 3/8" Static Pressure, Add	179.40	
15MOD-0443 For 1/2" Static Pressure, Add	239.20	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	119.60	
15821-0020 EA 1/3 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,489.60	183.26
15MOD-0441 For 1/4" Static Pressure, Add	121.19	
15MOD-0442 For 3/8" Static Pressure, Add	181.79	
15MOD-0443 For 1/2" Static Pressure, Add	242.39	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	121.19	
15821-0021 EA 1/2 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,535.05	190.89
15MOD-0441 For 1/4" Static Pressure, Add	124.38	
15MOD-0442 For 3/8" Static Pressure, Add	186.57	
15MOD-0443 For 1/2" Static Pressure, Add	248.76	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	124.38	
15821-0022 EA 3/4 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,563.27	203.39
15MOD-0441 For 1/4" Static Pressure, Add	125.98	
15MOD-0442 For 3/8" Static Pressure, Add	188.96	
15MOD-0443 For 1/2" Static Pressure, Add	251.95	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	125.98	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0023	EA	1 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,614.52	213.11
	15MOD-0441	For 1/4" Static Pressure, Add	129.17	
	15MOD-0442	For 3/8" Static Pressure, Add	193.75	
	15MOD-0443	For 1/2" Static Pressure, Add	258.33	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	129.17	
15821-0024	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,678.59	229.07
	15MOD-0441	For 1/4" Static Pressure, Add	133.15	
	15MOD-0442	For 3/8" Static Pressure, Add	199.73	
	15MOD-0443	For 1/2" Static Pressure, Add	266.30	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	133.15	
15821-0025	EA	2 HP Centrifugal Fan, 15" Wheel, 1258-4146 CFM At 1/8" Static Pressure	1,728.76	240.87
	15MOD-0441	For 1/4" Static Pressure, Add	136.34	
	15MOD-0442	For 3/8" Static Pressure, Add	204.51	
	15MOD-0443	For 1/2" Static Pressure, Add	272.68	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	136.34	
15821-0026		16-1/2" Diameter Wheel 977 To 4711 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0027	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,672.98	183.26
	15MOD-0441	For 1/4" Static Pressure, Add	139.53	
	15MOD-0442	For 3/8" Static Pressure, Add	209.30	
	15MOD-0443	For 1/2" Static Pressure, Add	279.06	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	139.53	
15821-0028	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,733.00	190.89
	15MOD-0441	For 1/4" Static Pressure, Add	144.38	
	15MOD-0442	For 3/8" Static Pressure, Add	216.57	
	15MOD-0443	For 1/2" Static Pressure, Add	288.75	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	144.38	
15821-0029	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,798.53	203.39
	15MOD-0441	For 1/4" Static Pressure, Add	149.00	
	15MOD-0442	For 3/8" Static Pressure, Add	223.50	
	15MOD-0443	For 1/2" Static Pressure, Add	298.00	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	149.00	
15821-0030	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,832.39	213.11
	15MOD-0441	For 1/4" Static Pressure, Add	150.95	
	15MOD-0442	For 3/8" Static Pressure, Add	226.43	
	15MOD-0443	For 1/2" Static Pressure, Add	301.91	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	150.95	
15821-0031	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,876.12	229.07
	15MOD-0441	For 1/4" Static Pressure, Add	152.91	
	15MOD-0442	For 3/8" Static Pressure, Add	229.36	
	15MOD-0443	For 1/2" Static Pressure, Add	305.81	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	152.91	
15821-0032	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	1,913.91	240.87
	15MOD-0441	For 1/4" Static Pressure, Add	154.86	
	15MOD-0442	For 3/8" Static Pressure, Add	232.28	
	15MOD-0443	For 1/2" Static Pressure, Add	309.71	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	154.86	
15821-0033	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977-4711 CFM At 1/8" Static Pressure	2,126.85	261.70
	15MOD-0441	For 1/4" Static Pressure, Add	173.02	
	15MOD-0442	For 3/8" Static Pressure, Add	259.53	
	15MOD-0443	For 1/2" Static Pressure, Add	346.04	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	173.02	
15821-0034		18-1/4" Diameter Wheel 2193 To 6498 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0035	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,728.39	190.89
	15MOD-0441	For 1/4" Static Pressure, Add	143.92	
	15MOD-0442	For 3/8" Static Pressure, Add	215.87	
	15MOD-0443	For 1/2" Static Pressure, Add	287.83	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	143.92	
15821-0036	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,767.60	203.39
	15MOD-0441	For 1/4" Static Pressure, Add	145.91	
	15MOD-0442	For 3/8" Static Pressure, Add	218.86	
	15MOD-0443	For 1/2" Static Pressure, Add	291.82	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	145.91	
15821-0037	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,821.83	213.11
	15MOD-0441	For 1/4" Static Pressure, Add	149.90	
	15MOD-0442	For 3/8" Static Pressure, Add	224.85	
	15MOD-0443	For 1/2" Static Pressure, Add	299.79	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	149.90	
15821-0038	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,861.98	229.07
	15MOD-0441	For 1/4" Static Pressure, Add	151.49	
	15MOD-0442	For 3/8" Static Pressure, Add	227.24	
	15MOD-0443	For 1/2" Static Pressure, Add	302.98	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	151.49	
15821-0039	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	1,920.12	240.87
	15MOD-0441	For 1/4" Static Pressure, Add	155.48	
	15MOD-0442	For 3/8" Static Pressure, Add	233.22	
	15MOD-0443	For 1/2" Static Pressure, Add	310.95	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	155.48	
15821-0040	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	2,007.25	261.70
	15MOD-0441	For 1/4" Static Pressure, Add	161.06	
	15MOD-0442	For 3/8" Static Pressure, Add	241.59	
	15MOD-0443	For 1/2" Static Pressure, Add	322.12	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	161.06	

15000 Mechanical
15800 Air Distribution
15821 Centrifugal Fans



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0041	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	2,063.18	277.67
	15MOD-0441	For 1/4" Static Pressure, Add	164.25	
	15MOD-0442	For 3/8" Static Pressure, Add	246.37	
	15MOD-0443	For 1/2" Static Pressure, Add	328.50	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	164.25	
15821-0042	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2193-6498 CFM At 1/8" Static Pressure	2,145.57	305.43
	15MOD-0441	For 1/4" Static Pressure, Add	168.28	
	15MOD-0442	For 3/8" Static Pressure, Add	252.42	
	15MOD-0443	For 1/2" Static Pressure, Add	336.56	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	168.28	
15821-0043		20" Diameter Wheel 2412 To 7364 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0044	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,743.69	203.39
	15MOD-0441	For 1/4" Static Pressure, Add	143.52	
	15MOD-0442	For 3/8" Static Pressure, Add	215.28	
	15MOD-0443	For 1/2" Static Pressure, Add	287.04	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	143.52	
15821-0045	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,797.90	213.11
	15MOD-0441	For 1/4" Static Pressure, Add	147.50	
	15MOD-0442	For 3/8" Static Pressure, Add	221.26	
	15MOD-0443	For 1/2" Static Pressure, Add	295.01	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	147.50	
15821-0046	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,861.98	229.07
	15MOD-0441	For 1/4" Static Pressure, Add	151.49	
	15MOD-0442	For 3/8" Static Pressure, Add	227.24	
	15MOD-0443	For 1/2" Static Pressure, Add	302.98	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	151.49	
15821-0047	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	1,920.12	240.87
	15MOD-0441	For 1/4" Static Pressure, Add	155.48	
	15MOD-0442	For 3/8" Static Pressure, Add	233.22	
	15MOD-0443	For 1/2" Static Pressure, Add	310.95	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	155.48	
15821-0048	EA	1 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,031.17	261.70
	15MOD-0441	For 1/4" Static Pressure, Add	163.45	
	15MOD-0442	For 3/8" Static Pressure, Add	245.18	
	15MOD-0443	For 1/2" Static Pressure, Add	326.90	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	163.45	
15821-0049	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,189.61	277.67
	15MOD-0441	For 1/4" Static Pressure, Add	176.89	
	15MOD-0442	For 3/8" Static Pressure, Add	265.34	
	15MOD-0443	For 1/2" Static Pressure, Add	353.78	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	176.89	
15821-0050	EA	2 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,296.61	305.43
	15MOD-0441	For 1/4" Static Pressure, Add	183.38	
	15MOD-0442	For 3/8" Static Pressure, Add	275.08	
	15MOD-0443	For 1/2" Static Pressure, Add	366.77	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	183.38	
15821-0051	EA	3 HP Centrifugal Fan, 20" Wheel, 2412-7364 CFM At 1/8" Static Pressure	2,409.40	326.95
	15MOD-0441	For 1/4" Static Pressure, Add	191.36	
	15MOD-0442	For 3/8" Static Pressure, Add	287.04	
	15MOD-0443	For 1/2" Static Pressure, Add	382.72	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	191.36	
15821-0052		22-1/4" Diameter Wheel 2265 To 8483 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0053	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,103.54	213.11
	15MOD-0441	For 1/4" Static Pressure, Add	178.07	
	15MOD-0442	For 3/8" Static Pressure, Add	267.10	
	15MOD-0443	For 1/2" Static Pressure, Add	356.14	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	178.07	
15821-0054	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,139.96	229.07
	15MOD-0441	For 1/4" Static Pressure, Add	179.29	
	15MOD-0442	For 3/8" Static Pressure, Add	268.93	
	15MOD-0443	For 1/2" Static Pressure, Add	358.58	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	179.29	
15821-0055	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,192.54	240.87
	15MOD-0441	For 1/4" Static Pressure, Add	182.72	
	15MOD-0442	For 3/8" Static Pressure, Add	274.08	
	15MOD-0443	For 1/2" Static Pressure, Add	365.44	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	182.72	
15821-0056	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,257.08	261.70
	15MOD-0441	For 1/4" Static Pressure, Add	186.04	
	15MOD-0442	For 3/8" Static Pressure, Add	279.06	
	15MOD-0443	For 1/2" Static Pressure, Add	372.08	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	186.04	
15821-0057	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,345.55	277.67
	15MOD-0441	For 1/4" Static Pressure, Add	192.49	
	15MOD-0442	For 3/8" Static Pressure, Add	288.73	
	15MOD-0443	For 1/2" Static Pressure, Add	384.97	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	192.49	
15821-0058	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure	2,369.69	305.43
	15MOD-0441	For 1/4" Static Pressure, Add	190.69	
	15MOD-0442	For 3/8" Static Pressure, Add	286.04	
	15MOD-0443	For 1/2" Static Pressure, Add	381.38	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	190.69	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0059	EA 2 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,425.34 192.95 289.43 385.90 192.95	326.95
15821-0060	EA 3 HP Centrifugal Fan, 22-1/4" Wheel, 2265-8483 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,524.70 196.94 295.41 393.88 196.94	366.51
15821-0061	24-1/2" Diameter Wheel 3055 To 11380 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0062	EA 1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,537.05 219.00 328.50 438.00 219.00	229.07
15821-0063	EA 1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,613.21 221.66 332.48 443.31 221.66	261.70
15821-0064	EA 3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,693.07 227.24 340.86 454.47 227.24	277.67
15821-0065	EA 1 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,775.00 231.22 346.83 462.45 231.22	305.43
15821-0066	EA 1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,847.92 235.21 352.82 470.42 235.21	326.95
15821-0067	EA 2 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,907.42 235.21 352.82 470.42 235.21	366.51
15821-0068	EA 3 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,995.58 239.20 358.80 478.39 239.20	398.44
15821-0069	EA 5 HP Centrifugal Fan, 24-1/2" Wheel, 3055-11380 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	3,205.71 251.16 376.73 502.31 251.16	458.14
15821-0070	27" Diameter Wheel 2734 To 13266 CFM At 1/8" Static Pressure <small>(15821-0002)</small>		
15821-0071	EA 1/4 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,814.45 244.91 367.37 489.82 244.91	240.87
15821-0072	EA 1/2 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,892.40 247.17 370.76 494.34 247.17	277.67
15821-0073	EA 3/4 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	2,974.33 251.16 376.73 502.31 251.16	305.43
15821-0074	EA 1 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	3,047.26 255.14 382.72 510.29 255.14	326.95
15821-0075	EA 1-1/2 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	3,146.62 259.13 388.70 518.26 259.13	366.51
15821-0076	EA 2 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure 15MOD-0441 For 1/4" Static Pressure, Add 15MOD-0442 For 3/8" Static Pressure, Add 15MOD-0443 For 1/2" Static Pressure, Add 15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	3,234.53 263.09 394.64 526.18 263.09	398.44

15000 Mechanical
15800 Air Distribution
15821 Centrifugal Fans



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0077 EA 3 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure.....	3,461.61	458.14
15MOD-0441 For 1/4" Static Pressure, Add	276.75	
15MOD-0442 For 3/8" Static Pressure, Add	415.12	
15MOD-0443 For 1/2" Static Pressure, Add	553.49	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	276.75	
15821-0078 EA 5 HP Centrifugal Fan, 27" Wheel, 2734-13266 CFM At 1/8" Static Pressure.....	3,482.18	508.82
15MOD-0441 For 1/4" Static Pressure, Add	271.09	
15MOD-0442 For 3/8" Static Pressure, Add	406.64	
15MOD-0443 For 1/2" Static Pressure, Add	542.18	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	271.09	
15821-0079 Large Industrial Type Utility Backward Centrifugal Fans (15821-0001)		
Note: Over 30" diameter wheel		
15821-0080 30" Diameter Wheel 4926 To 17456 CFM At 1/8" Static Pressure (15821-0079)		
15821-0081 EA 1/2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	3,951.06	305.43
15MOD-0441 For 1/4" Static Pressure, Add	348.83	
15MOD-0442 For 3/8" Static Pressure, Add	523.24	
15MOD-0443 For 1/2" Static Pressure, Add	697.66	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	348.83	
15821-0082 EA 3/4 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,020.84	326.95
15MOD-0441 For 1/4" Static Pressure, Add	352.50	
15MOD-0442 For 3/8" Static Pressure, Add	528.75	
15MOD-0443 For 1/2" Static Pressure, Add	705.00	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	352.50	
15821-0083 EA 1 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure.....	4,127.33	366.51
15MOD-0441 For 1/4" Static Pressure, Add	357.20	
15MOD-0442 For 3/8" Static Pressure, Add	535.80	
15MOD-0443 For 1/2" Static Pressure, Add	714.40	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	357.20	
15821-0084 EA 1-1/2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,223.21	398.44
15MOD-0441 For 1/4" Static Pressure, Add	361.96	
15MOD-0442 For 3/8" Static Pressure, Add	542.94	
15MOD-0443 For 1/2" Static Pressure, Add	723.92	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	361.96	
15821-0085 EA 2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure.....	4,361.84	458.14
15MOD-0441 For 1/4" Static Pressure, Add	366.77	
15MOD-0442 For 3/8" Static Pressure, Add	550.15	
15MOD-0443 For 1/2" Static Pressure, Add	733.54	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	366.77	
15821-0086 EA 3 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure.....	4,486.80	508.82
15MOD-0441 For 1/4" Static Pressure, Add	371.55	
15MOD-0442 For 3/8" Static Pressure, Add	557.33	
15MOD-0443 For 1/2" Static Pressure, Add	743.10	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	371.55	
15821-0087 EA 5 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure.....	4,688.91	610.86
15MOD-0441 For 1/4" Static Pressure, Add	376.34	
15MOD-0442 For 3/8" Static Pressure, Add	564.51	
15MOD-0443 For 1/2" Static Pressure, Add	752.67	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	376.34	
15821-0088 EA 7-1/2 HP Centrifugal Fan, 30" Wheel, 4926-17456 CFM At 1/8" Static Pressure	4,875.86	704.57
15MOD-0441 For 1/4" Static Pressure, Add	381.12	
15MOD-0442 For 3/8" Static Pressure, Add	571.68	
15MOD-0443 For 1/2" Static Pressure, Add	762.24	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	381.12	
15821-0089 33" Diameter Wheel 5734 To 19799 CFM At 1/8" Static Pressure (15821-0079)		
15821-0090 EA 1/2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	4,641.91	326.95
15MOD-0441 For 1/4" Static Pressure, Add	414.61	
15MOD-0442 For 3/8" Static Pressure, Add	621.91	
15MOD-0443 For 1/2" Static Pressure, Add	829.22	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	414.61	
15821-0091 EA 3/4 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	4,781.13	366.51
15MOD-0441 For 1/4" Static Pressure, Add	422.58	
15MOD-0442 For 3/8" Static Pressure, Add	633.87	
15MOD-0443 For 1/2" Static Pressure, Add	845.16	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	422.58	
15821-0092 EA 1 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure.....	4,909.16	398.44
15MOD-0441 For 1/4" Static Pressure, Add	430.56	
15MOD-0442 For 3/8" Static Pressure, Add	645.83	
15MOD-0443 For 1/2" Static Pressure, Add	861.11	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	430.56	
15821-0093 EA 1-1/2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,079.43	458.14
15MOD-0441 For 1/4" Static Pressure, Add	438.53	
15MOD-0442 For 3/8" Static Pressure, Add	657.79	
15MOD-0443 For 1/2" Static Pressure, Add	877.06	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	438.53	
15821-0094 EA 2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure.....	5,236.30	508.82
15MOD-0441 For 1/4" Static Pressure, Add	446.50	
15MOD-0442 For 3/8" Static Pressure, Add	669.75	
15MOD-0443 For 1/2" Static Pressure, Add	893.00	
15MOD-0444 For Each Additional 1/2" of Static Pressure Over 1/2", Add	446.50	



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Centrifugal Fans 15821	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0095	EA	3 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,470.28	610.86
	15MOD-0441	For 1/4" Static Pressure, Add	454.47	
	15MOD-0442	For 3/8" Static Pressure, Add	681.71	
	15MOD-0443	For 1/2" Static Pressure, Add	908.95	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	454.47	
15821-0096	EA	5 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	5,736.45	704.57
	15MOD-0441	For 1/4" Static Pressure, Add	466.85	
	15MOD-0442	For 3/8" Static Pressure, Add	700.28	
	15MOD-0443	For 1/2" Static Pressure, Add	933.70	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	466.85	
15821-0097	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5734-19799 CFM At 1/8" Static Pressure	6,092.52	916.29
	15MOD-0441	For 1/4" Static Pressure, Add	470.42	
	15MOD-0442	For 3/8" Static Pressure, Add	705.63	
	15MOD-0443	For 1/2" Static Pressure, Add	940.84	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	470.42	
15821-0098		36-1/2" Diameter Wheel 5388 To 22500 CFM At 1/8" Static Pressure <small>(15821-0079)</small>		
15821-0099	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	3,822.33	366.51
	15MOD-0441	For 1/4" Static Pressure, Add	326.70	
	15MOD-0442	For 3/8" Static Pressure, Add	490.05	
	15MOD-0443	For 1/2" Static Pressure, Add	653.40	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	326.70	
15821-0100	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	3,870.62	398.44
	15MOD-0441	For 1/4" Static Pressure, Add	326.70	
	15MOD-0442	For 3/8" Static Pressure, Add	490.05	
	15MOD-0443	For 1/2" Static Pressure, Add	653.40	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	326.70	
15821-0101	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	3,961.16	458.14
	15MOD-0441	For 1/4" Static Pressure, Add	326.70	
	15MOD-0442	For 3/8" Static Pressure, Add	490.05	
	15MOD-0443	For 1/2" Static Pressure, Add	653.40	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	326.70	
15821-0102	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,054.37	508.82
	15MOD-0441	For 1/4" Static Pressure, Add	328.31	
	15MOD-0442	For 3/8" Static Pressure, Add	492.46	
	15MOD-0443	For 1/2" Static Pressure, Add	656.62	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	328.31	
15821-0103	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,600.07	610.86
	15MOD-0441	For 1/4" Static Pressure, Add	367.45	
	15MOD-0442	For 3/8" Static Pressure, Add	551.18	
	15MOD-0443	For 1/2" Static Pressure, Add	734.91	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	367.45	
15821-0104	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	4,810.19	704.57
	15MOD-0441	For 1/4" Static Pressure, Add	374.23	
	15MOD-0442	For 3/8" Static Pressure, Add	561.34	
	15MOD-0443	For 1/2" Static Pressure, Add	748.45	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	374.23	
15821-0105	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	5,200.59	916.29
	15MOD-0441	For 1/4" Static Pressure, Add	381.23	
	15MOD-0442	For 3/8" Static Pressure, Add	571.84	
	15MOD-0443	For 1/2" Static Pressure, Add	762.46	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	381.23	
15821-0106	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5388-22500 CFM At 1/8" Static Pressure	5,617.69	1,145.35
	15MOD-0441	For 1/4" Static Pressure, Add	388.23	
	15MOD-0442	For 3/8" Static Pressure, Add	582.35	
	15MOD-0443	For 1/2" Static Pressure, Add	776.46	
	15MOD-0444	For Each Additional 1/2" of Static Pressure Over 1/2", Add	388.23	
15821-0107		Kitchen System Fans <small>(15821)</small>		
15821-0108		Upblast Kitchen Exhaust Fans <small>(15821-0107)</small>		
15821-0109		Direct Drive Kitchen Upblast Exhaust Fans <small>(15821-0108)</small>		
15821-0110	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	678.89	90.24
		Note: 115V. For roof or wall installations. Includes birdscreen and disconnect switch.		
15821-0111	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	791.20	90.24
		Note: 115V. For roof or wall installations. Includes birdscreen and disconnect switch.		
15821-0112		Belt Drive Kitchen Upblast Exhaust Fans <small>(15821-0108)</small>		
15821-0113	EA	Up To 12" Diameter Wheel, Up To 1/2 HP Belt Drive, Kitchen Upblast Exhaust Fan	930.87	90.24
		Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.		
	15MOD-0445	For Wall Mounted Fan, Add	37.23	
	15MOD-0446	For 3 Phase Motor, Deduct	-50.00	
	15MOD-0447	For Totally Enclosed Motor, Add	85.00	
	15MOD-0448	For Grease Trap Kit, Add	76.41	
	15MOD-0449	For Hinged Curb Kit, Add	63.78	
15821-0114	EA	13" Or 14" Diameter Wheel, 1/3 HP Belt Drive, Kitchen Upblast Exhaust Fan	1,006.19	104.12
		Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.		
	15MOD-0445	For Wall Mounted Fan, Add	40.25	
	15MOD-0446	For 3 Phase Motor, Deduct	-50.00	
	15MOD-0447	For Totally Enclosed Motor, Add	85.00	
	15MOD-0448	For Grease Trap Kit, Add	76.41	
	15MOD-0449	For Hinged Curb Kit, Add	67.82	

15000 Mechanical
15800 Air Distribution
15821 Centrifugal Fans



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0115 EA 13" Or 14" Diameter Wheel, 1 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,206.35	104.12
15MOD-0445 For Wall Mounted Fan, Add	48.25	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	84.84	
15821-0116 EA 16" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,144.60	121.47
15MOD-0445 For Wall Mounted Fan, Add	45.78	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	76.64	
15821-0117 EA 16" Diameter Wheel, 1 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,296.76	121.47
15MOD-0445 For Wall Mounted Fan, Add	51.87	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	89.57	
15821-0118 EA 18" Or 20" Diameter Wheel, 3/4 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,390.34	138.83
15MOD-0445 For Wall Mounted Fan, Add	55.61	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	94.58	
15821-0119 EA 18" Or 20" Diameter Wheel, 2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,644.84	138.83
15MOD-0445 For Wall Mounted Fan, Add	65.79	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	116.21	
15821-0120 EA 22" Or 24" Diameter Wheel, 3/4 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	1,785.50	156.18
15MOD-0445 For Wall Mounted Fan, Add	71.42	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	125.22	
15821-0121 EA 22" Or 24" Diameter Wheel, 2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,040.00	156.18
15MOD-0445 For Wall Mounted Fan, Add	81.60	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	146.85	
15821-0122 EA 30" Diameter Wheel, 3/4 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,072.00	173.54
15MOD-0445 For Wall Mounted Fan, Add	82.88	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	146.62	
15821-0123 EA 30" Diameter Wheel, 2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,326.51	173.54
15MOD-0445 For Wall Mounted Fan, Add	93.06	
15MOD-0446 For 3 Phase Motor, Deduct	-50.00	
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	168.25	
15821-0124 EA 36" Or 42" Diameter Wheel, 3 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	2,992.69	208.25
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	218.98	
15821-0125 EA 36" Or 42" Diameter Wheel, 7-1/2 HP Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	3,232.39	208.25
15MOD-0447 For Totally Enclosed Motor, Add	85.00	
15MOD-0448 For Grease Trap Kit, Add	76.41	
15MOD-0449 For Hinged Curb Kit, Add	239.35	
15821-0126 Untempered Kitchen Make-Up Air Fans <small>(15821-0107)</small> Note: Roof mounted with downblast discharge, weatherhood and filter.		
15821-0127 Direct Drive Kitchen Make-Up Air Fans <small>(15821-0126)</small>		
15821-0128 EA 7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	798.65	90.24
15MOD-0450 For Extended Weatherhood, Add	137.83	
15821-0129 EA 8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	837.79	90.24
15MOD-0450 For Extended Weatherhood, Add	143.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0130 EA 9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. 15MOD-0450 For Extended Weatherhood, Add	885.82 150.90	90.24
15821-0131 Belt Drive Kitchen Make-Up Air Fans (15821-0126)		
15821-0132 EA 9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. 15MOD-0450 For Extended Weatherhood, Add	904.45 153.70	90.24
15821-0133 EA 10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. 15MOD-0450 For Extended Weatherhood, Add	1,020.33 177.34	121.47
15821-0134 EA 12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. 15MOD-0450 For Extended Weatherhood, Add	1,227.67 211.92	138.83
15821-0135 EA 15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. 15MOD-0450 For Extended Weatherhood, Add	1,427.07 248.77	173.54
15821-0136 EA 18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. 15MOD-0450 For Extended Weatherhood, Add	1,726.46 300.62	208.25
15821-0137 Replacement Parts (15821)		
15821-0138 Replace Fan Motor (15821-0137)		
15821-0139 EA Motor Up To 1/2 HP (1 Speed), Replacement	305.55	37.83
15821-0140 EA Motor Up To 1/2 HP (2 Speed), Replacement	386.33	37.83
15821-0141 EA Motor 3/4 HP (1 Speed), Replacement	332.48	37.83
15821-0142 EA Motor 3/4 HP (2 Speed), Replacement	431.23	37.83
15821-0143 EA Motor 1 HP (1 Speed), Replacement	359.40	37.83
15821-0144 EA Motor 2 HP (1 Speed), Replacement	570.91	90.48
15821-0145 EA Motor 3 HP (1 Speed), Replacement	746.71	121.69
15821-0146 EA Motor 5 HP (1 Speed), Replacement	911.70	160.43
15821-0147 EA Motor 10 HP (1 Speed), Replacement	1,430.40	240.62
15821-0148 Replace Belts And Accessories (15821-0137)		
15821-0149 EA Fan Shaft Bearing, Replacement	488.20	221.64
15821-0150 EA Fan Belt, Replacement	78.13	30.06
15821-0151 Corrosive Fume Resistant Plastic (15821)		
15821-0152 Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure (15821-0151)		
15821-0153 EA 250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	3,003.13 412.83	125.48
15821-0154 EA 895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	3,268.09 444.99	150.74
15821-0155 EA 1630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	3,879.61 525.42	188.41
15821-0156 EA 2240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	4,184.23 552.22	251.35
15821-0157 EA 3810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	4,828.32 611.20	376.84
15821-0158 EA 11760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	8,369.91 1,029.39	753.67
15821-0159 EA 18810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... 15MOD-0451 For Explosion Proof Motor, Add	12,198.36 1,506.55	1,077.37
15821-0160 Utility Set, Centrifugal, Belt Drive (15821-0151)		
15821-0161 EA 1200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	3,003.13 412.83	125.48
15821-0162 EA 1520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	3,089.38 418.19	150.74
15821-0163 EA 1850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	3,164.76 418.19	188.41
15821-0164 EA 2180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	3,290.67 418.19	251.35
15821-0165 EA 3600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	4,542.38 568.31	376.84
15821-0166 EA 4250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	4,730.80 568.31	471.04
15821-0167 EA 4800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	4,866.75 568.31	539.02
15821-0168 EA 6920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	4,990.69 579.03	565.25

15000 Mechanical
15800 Air Distribution
15821 Centrifugal Fans



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15821-0169 EA 7700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic 15MOD-0451 For Explosion Proof Motor, Add	5,152.06 584.39	628.03
15821-0170 In-Line Duct Fans (15821)		
15821-0171 Direct Drive In-Line Duct Fans (15821-0170)		
15821-0172 EA Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In-Line Duct Fan Note: 115V. Includes disconnect switch.	716.03	90.24
15821-0173 EA 13" Wheel Diameter, 1/6 HP Direct Drive, In-Line Duct Fan Note: 115V. Includes disconnect switch.	904.44	97.18
15821-0174 EA 14" Wheel Diameter, 1/3 HP Direct Drive, In-Line Duct Fan Note: 115V. Includes disconnect switch.	990.34	104.12
15821-0175 Belt Drive In-Line Duct Fans (15821-0170)		
15821-0176 EA Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	1,031.99 -50.00 85.00	104.12
15821-0177 EA 13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	1,187.17 -50.00 85.00	121.47
15821-0178 EA 13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	1,326.20 -50.00 85.00	121.47
15821-0179 EA 13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	1,444.39 -50.00 85.00	121.47
15821-0180 EA 16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	1,418.87 -50.00 85.00	138.83
15821-0181 EA 16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	1,619.03 -50.00 85.00	138.83
15821-0182 EA 24" Wheel Diameter, 1 HP Belt Drive, In-Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. 15MOD-0452 For 3 Phase Motor, Deduct 15MOD-0453 For Totally Enclosed Motor, Add	2,058.41 -50.00 85.00	173.54
15821-0183 EA 24" Wheel Diameter, 3 HP Belt Drive, In-Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. 15MOD-0453 For Totally Enclosed Motor, Add	2,168.91 85.00	173.54
15821-0184 EA 24" Wheel Diameter, 5 HP Belt Drive, In-Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch. 15MOD-0453 For Totally Enclosed Motor, Add	2,246.80 85.00	173.54
15821-0185 EA 30 Or 36" Wheel Diameter, 3 HP Belt Drive, In-Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. 15MOD-0453 For Totally Enclosed Motor, Add	2,602.93 85.00	208.25
15821-0186 EA 30 Or 36" Wheel Diameter, 5 HP Belt Drive, In-Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. 15MOD-0453 For Totally Enclosed Motor, Add	2,695.89 85.00	208.25
15821-0187 EA 30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In-Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. 15MOD-0453 For Totally Enclosed Motor, Add	2,810.14 85.00	208.25
15824 Propeller And Ceiling Fans (15800)		
15824-0001 Direct Drive Propeller Exhaust Fans (15824)		
Note: Wall shutter 1/8" static pressure, with birdscreen.		
15824-0002 EA 16" Propeller Exhaust Fan, Direct Drive, 2353 CFM, 1/3 HP, With Wall Shutter	654.69	115.92
15824-0003 EA 18" Propeller Exhaust Fan, Direct Drive, 3880 CFM, 5/8 HP, With Wall Shutter	782.33	126.33
15824-0004 EA 21" Propeller Exhaust Fan, Direct Drive, 4740 CFM, 3/4 HP, With Wall Shutter	897.18	138.83
15824-0005 Belt Drive Propeller Exhaust Fans (15824)		
Note: Wall shutter 1/8" static pressure, with birdscreen.		
15824-0006 EA 24" Propeller Exhaust Fan, V-Belt Drive, 5795 CFM, 1/2 HP, With Wall Shutter	1,256.24	198.53
15824-0007 EA 30" Propeller Exhaust Fan, V-Belt Drive, 9060 CFM, 3/4 HP, With Wall Shutter	1,440.49	231.15
15824-0008 EA 36" Propeller Exhaust Fan, V-Belt Drive, 11850 CFM, 1 HP, With Wall Shutter	1,640.23	277.67
15824-0009 EA 42" Propeller Exhaust Fan, V-Belt Drive, 17400 CFM, 1-1/2 HP, With Wall Shutter	2,267.75	347.07
15824-0010 EA 48" Propeller Exhaust Fan, V-Belt Drive, 19870 CFM, 1-1/2 HP, With Wall Shutter	2,725.17	463.00
15824-0011 EA 54" Propeller Exhaust Fan, V-Belt Drive, 26000 CFM, 2 HP, With Wall Shutter	3,806.11	694.15
15824-0012 EA 60" Propeller Exhaust Fan, V-Belt Drive, 35120 CFM, 3 HP, With Wall Shutter	4,591.50	889.90
15824-0013 Propeller Exhaust Fan Accessories (15824)		
15824-0014 SF Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	65.33	
15824-0015 SF Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	149.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15824-0016 Reversible Ceiling Fans (15824)		
15824-0017 4 Blade Ceiling Fans (15824-0016)		
15824-0018 EA 42" 4-Blade Ceiling Fan, Three Speed	294.13	34.94
15MOD-0454 For Brass Plated Motor, Add	20.25	
15MOD-0455 For Light Kit, Add	25.58	
15824-0019 5 Blade Ceiling Fans (15824-0016)		
15824-0020 EA 42" 5-Blade Ceiling Fan, Three Speed	321.26	86.47
15MOD-0454 For Brass Plated Motor, Add	20.25	
15MOD-0455 For Light Kit, Add	25.62	
15824-0021 EA 52" 5-Blade Ceiling Fan, Three Speed	366.29	86.47
15MOD-0454 For Brass Plated Motor, Add	20.25	
15MOD-0455 For Light Kit, Add	25.69	
15824-0022 3 Blade Weatherproof Ceiling Fans (15824-0016)		
15824-0023 EA 3-Blade Ceiling Fan, Weatherproof, Three Speed	306.62	34.37
15825 Special Purpose Fans (15800)		
15825-0001 Special Purpose Fans (15825)		
15825-0002 EA Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle.....	1,346.05	277.45
15825-0003 EA Hose Extension Kit 5'.....	239.03	61.64
15826 Powered Air Curtains (15800)		
15826-0001 Unheated Air Curtains For Entrances (15826)		
Note: Includes housing and controls.		
15826-0002 Personnel Entrance Unheated Air Curtains (15826-0001)		
15826-0003 EA Air Curtain For 3' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,481.33	508.82
15826-0004 EA Air Curtain For 3.5' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,496.77	508.82
15826-0005 EA Air Curtain For 4' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,504.49	508.82
15826-0006 EA Air Curtain For 5' x 10' Personnel Entrance, Unheated, Including Housing And Controls	1,836.36	508.82
15826-0007 EA Air Curtain For 6' x 10' Personnel Entrance, Unheated, Including Housing And Controls	2,276.18	610.86
15826-0008 EA Air Curtain For 7' x 10' Personnel Entrance, Unheated, Including Housing And Controls	2,376.52	610.86
15826-0009 EA Air Curtain For 10' x 10' Personnel Entrance, Unheated, Including Housing And Controls	3,198.09	704.57
15826-0010 EA Air Curtain For 12' x 10' Personnel Entrance, Unheated, Including Housing And Controls	3,769.22	704.57
15826-0011 EA Air Curtain For 15' x 10' Personnel Entrance, Unheated, Including Housing And Controls	4,263.17	704.57
15826-0012 Receiving/Service Entrance Unheated Air Curtains (15826-0001)		
Note: Normal door sizes		
15826-0013 EA Air Curtain, 3' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,485.96	508.82
15826-0014 EA Air Curtain, 3.5' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,485.96	508.82
15826-0015 EA Air Curtain, 4' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,499.86	508.82
15826-0016 EA Air Curtain, 5' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,674.28	508.82
15826-0017 EA Air Curtain, 6' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	2,075.52	610.86
15826-0018 EA Air Curtain, 7' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	2,345.64	610.86
15826-0019 EA Air Curtain, 8' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	2,525.08	704.57
15826-0020 EA Air Curtain, 10' x 8' Service/Receiving Entrance, Unheated, Including Housing And Controls	3,182.65	704.57
15826-0021 EA Air Curtain, 4' x 10' Service/Receiving Entrance, Unheated, Including Housing And Controls	1,766.90	508.82
15826-0022 Service Window Unheated Air Curtains (15826-0001)		
Note: Normal window sizes		
15826-0023 EA Air Curtain For 2.5' x 5' Service Window, Unheated, Including Housing And Controls	1,762.49	796.89
15826-0024 Heated Air Curtains For Entrances (15826)		
Note: Includes housing and controls.		
15826-0025 EA 60" Heated Air Curtain With 1- 300 MBH Heater	3,076.63	448.07
15826-0026 EA 60" Heated Air Curtain With 1- 400 MBH Heater	3,367.33	448.07
15826-0027 EA 72" Heated Air Curtain With 1- 350 MBH Heater	3,691.51	537.62
15826-0028 EA 72" Heated Air Curtain With 2- 250 MBH Heaters	4,040.35	537.62
15826-0029 EA 96" Heated Air Curtain With 1- 400 MBH Heater	4,921.42	716.72
15826-0030 EA 96" Heated Air Curtain With 2- 350 MBH Heaters	5,386.54	716.72
15826-0031 EA 117" Heated Air Curtain With 2- 300 MBH Heaters	5,997.35	873.24
15826-0032 EA 117" Heated Air Curtain With 2- 400 MBH Heaters	6,564.21	873.24
15826-0033 EA 147" Heated Air Curtain With 2- 350 MBH Heaters	7,535.52	1,097.11
15826-0034 EA 147" Heated Air Curtain With 3- 350 MBH Heaters	8,945.42	1,097.11
15826-0035 EA 168" Heated Air Curtain With 2- 400 MBH Heaters	8,612.48	1,253.99
15826-0036 EA 168" Heated Air Curtain With 3- 400 MBH Heaters	10,223.44	1,253.99
15826-0037 EA 192" Heated Air Curtain With 2- 400 MBH Heaters	9,840.47	1,433.08
15826-0038 EA 192" Heated Air Curtain With 4- 350 MBH Heaters	11,681.57	1,433.08



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15827		Axial Flow Fans <small>(15800)</small>		
15827-0001		Tube-Axial Fans <small>(15827)</small>		
15827-0002		Direct Drive Tube-Axial Duct Fans, Constant Speed <small>(15827-0001)</small>		
		Note: 1/8" static pressure		
15827-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1060 CFM Constant Speed, 1/8" Static Pressure.....	1,003.49	231.15
	15MOD-0456	For 1/4" Static Pressure, Add	43.26	
	15MOD-0457	For 3/8" Static Pressure, Add	86.52	
	15MOD-0458	For 1/2" Static Pressure, Add	118.96	
15827-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2095 CFM Constant Speed, 1/8" Static Pressure.....	1,042.12	231.85
	15MOD-0456	For 1/4" Static Pressure, Add	46.35	
	15MOD-0457	For 3/8" Static Pressure, Add	92.70	
	15MOD-0458	For 1/2" Static Pressure, Add	127.46	
15827-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2490 CFM Constant Speed, 1/8" Static Pressure.....	1,119.36	231.15
	15MOD-0456	For 1/4" Static Pressure, Add	52.53	
	15MOD-0457	For 3/8" Static Pressure, Add	105.05	
	15MOD-0458	For 1/2" Static Pressure, Add	144.45	
15827-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4130 CFM Constant Speed, 1/8" Static Pressure.....	1,196.61	231.85
	15MOD-0456	For 1/4" Static Pressure, Add	58.71	
	15MOD-0457	For 3/8" Static Pressure, Add	117.41	
	15MOD-0458	For 1/2" Static Pressure, Add	161.44	
15827-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4700 CFM Constant Speed, 1/8" Static Pressure.....	1,405.03	277.67
	15MOD-0456	For 1/4" Static Pressure, Add	67.98	
	15MOD-0457	For 3/8" Static Pressure, Add	135.95	
	15MOD-0458	For 1/2" Static Pressure, Add	186.94	
15827-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5850 CFM Constant Speed, 1/8" Static Pressure.....	1,607.81	301.96
	15MOD-0456	For 1/4" Static Pressure, Add	80.34	
	15MOD-0457	For 3/8" Static Pressure, Add	160.67	
	15MOD-0458	For 1/2" Static Pressure, Add	220.92	
15827-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7925 CFM Constant Speed, 1/8" Static Pressure.....	1,703.92	330.42
	15MOD-0456	For 1/4" Static Pressure, Add	83.43	
	15MOD-0457	For 3/8" Static Pressure, Add	166.85	
	15MOD-0458	For 1/2" Static Pressure, Add	229.42	
15827-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10640 CFM Constant Speed, 1/8" Static Pressure.....	1,930.09	347.07
	15MOD-0456	For 1/4" Static Pressure, Add	98.88	
	15MOD-0457	For 3/8" Static Pressure, Add	197.75	
	15MOD-0458	For 1/2" Static Pressure, Add	271.91	
15827-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14765 CFM Constant Speed, 1/8" Static Pressure.....	2,335.38	433.85
	15MOD-0456	For 1/4" Static Pressure, Add	117.41	
	15MOD-0457	For 3/8" Static Pressure, Add	234.83	
	15MOD-0458	For 1/2" Static Pressure, Add	322.89	
15827-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16780 CFM Constant Speed, 1/8" Static Pressure.....	2,624.96	463.00
	15MOD-0456	For 1/4" Static Pressure, Add	135.95	
	15MOD-0457	For 3/8" Static Pressure, Add	271.91	
	15MOD-0458	For 1/2" Static Pressure, Add	373.87	
15827-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22920 CFM Constant Speed, 1/8" Static Pressure.....	3,076.33	533.80
	15MOD-0456	For 1/4" Static Pressure, Add	160.67	
	15MOD-0457	For 3/8" Static Pressure, Add	321.34	
	15MOD-0458	For 1/2" Static Pressure, Add	441.85	
15827-0014		Belt Drive Fan At 1/8" static pressure <small>(15827-0001)</small>		
15827-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2800 CFM Constant Speed, 1/8" Static Pressure.....	953.71	224.21
	15MOD-0456	For 1/4" Static Pressure, Add	40.47	
	15MOD-0457	For 3/8" Static Pressure, Add	80.94	
	15MOD-0458	For 1/2" Static Pressure, Add	111.29	
15827-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3400 CFM Constant Speed, 1/8" Static Pressure.....	1,008.57	231.85
	15MOD-0456	For 1/4" Static Pressure, Add	43.66	
	15MOD-0457	For 3/8" Static Pressure, Add	87.33	
	15MOD-0458	For 1/2" Static Pressure, Add	120.08	
15827-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3280 CFM Constant Speed, 1/8" Static Pressure.....	1,042.28	239.48
	15MOD-0456	For 1/4" Static Pressure, Add	45.08	
	15MOD-0457	For 3/8" Static Pressure, Add	90.17	
	15MOD-0458	For 1/2" Static Pressure, Add	123.98	
15827-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3900 CFM Constant Speed, 1/8" Static Pressure.....	1,100.79	247.82
	15MOD-0456	For 1/4" Static Pressure, Add	48.40	
	15MOD-0457	For 3/8" Static Pressure, Add	96.80	
	15MOD-0458	For 1/2" Static Pressure, Add	133.09	
15827-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5250 CFM Constant Speed, 1/8" Static Pressure.....	1,231.57	257.53
	15MOD-0456	For 1/4" Static Pressure, Add	57.39	
	15MOD-0457	For 3/8" Static Pressure, Add	114.78	
	15MOD-0458	For 1/2" Static Pressure, Add	157.82	
15827-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4800 CFM Constant Speed, 1/8" Static Pressure.....	1,297.20	267.25
	15MOD-0456	For 1/4" Static Pressure, Add	61.06	
	15MOD-0457	For 3/8" Static Pressure, Add	122.12	
	15MOD-0458	For 1/2" Static Pressure, Add	167.91	
15827-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6430 CFM Constant Speed, 1/8" Static Pressure.....	1,442.80	277.67
	15MOD-0456	For 1/4" Static Pressure, Add	71.00	
	15MOD-0457	For 3/8" Static Pressure, Add	142.00	
	15MOD-0458	For 1/2" Static Pressure, Add	195.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15827-0022 EA 24" Belt Drive Axial Flow Fan, 2 HP 8860 CFM Constant Speed, 1/8" Static Pressure.....	1,611.84	277.67
15MOD-0456 For 1/4" Static Pressure, Add	84.59	
15MOD-0457 For 3/8" Static Pressure, Add	169.19	
15MOD-0458 For 1/2" Static Pressure, Add	232.63	
15827-0023 EA 30" Belt Drive Axial Flow Fan, 1 HP 9250 CFM Constant Speed, 1/8" Static Pressure.....	1,859.83	301.96
15MOD-0456 For 1/4" Static Pressure, Add	100.58	
15MOD-0457 For 3/8" Static Pressure, Add	201.16	
15MOD-0458 For 1/2" Static Pressure, Add	276.60	
15827-0024 EA 30" Belt Drive Axial Flow Fan, 5 HP 16900 CFM Constant Speed, 1/8" Static Pressure.....	2,208.30	365.82
15MOD-0456 For 1/4" Static Pressure, Add	118.33	
15MOD-0457 For 3/8" Static Pressure, Add	236.66	
15MOD-0458 For 1/2" Static Pressure, Add	325.41	
15827-0025 EA 30" Belt Drive Axial Flow Fan, 5 HP 16150 CFM Constant Speed, 1/8" Static Pressure.....	2,494.58	365.82
15MOD-0456 For 1/4" Static Pressure, Add	140.99	
15MOD-0457 For 3/8" Static Pressure, Add	281.98	
15MOD-0458 For 1/2" Static Pressure, Add	387.72	
15827-0026 EA 36" Belt Drive Axial Flow Fan, 3/4 HP 8090 CFM Constant Speed, 1/8" Static Pressure.....	2,739.08	385.95
15MOD-0456 For 1/4" Static Pressure, Add	157.42	
15MOD-0457 For 3/8" Static Pressure, Add	314.85	
15MOD-0458 For 1/2" Static Pressure, Add	432.92	
15827-0027 EA 36" Belt Drive Axial Flow Fan, 2 HP 14475 CFM Constant Speed, 1/8" Static Pressure.....	2,986.09	408.16
15MOD-0456 For 1/4" Static Pressure, Add	173.71	
15MOD-0457 For 3/8" Static Pressure, Add	347.42	
15MOD-0458 For 1/2" Static Pressure, Add	477.70	
15827-0028 EA 36" Belt Drive Axial Flow Fan, 7-1/2 HP 14475 CFM Constant Speed, 1/8" Static Pressure.....	3,431.29	533.80
15MOD-0456 For 1/4" Static Pressure, Add	189.33	
15MOD-0457 For 3/8" Static Pressure, Add	378.66	
15MOD-0458 For 1/2" Static Pressure, Add	520.66	
15827-0029 EA 36" Belt Drive Axial Flow Fan, 5 HP 20080 CFM Constant Speed, 1/8" Static Pressure.....	3,884.42	534.49
15MOD-0456 For 1/4" Static Pressure, Add	225.58	
15MOD-0457 For 3/8" Static Pressure, Add	451.16	
15MOD-0458 For 1/2" Static Pressure, Add	620.35	
15827-0030 EA 42" Belt Drive Axial Flow Fan, 7-1/2 HP 29000 CFM Constant Speed, 1/8" Static Pressure.....	4,399.31	630.85
15MOD-0456 For 1/4" Static Pressure, Add	251.34	
15MOD-0457 For 3/8" Static Pressure, Add	502.69	
15MOD-0458 For 1/2" Static Pressure, Add	691.19	

15828 Roof Curbs For Fans And Equipment (15800)

15828-0001	6" Adjustable Galvanized Steel Roof Curb <small>(15828)</small>		
15828-0002	EA 14-1/2" To 23" Long, 6" High Adjustable Galvanized Steel Roof Curb	204.35	20.83
15828-0003	EA 23-1/2" To 32" Long, 6" High Adjustable Galvanized Steel Roof Curb	259.60	20.83
15828-0004	EA 32-1/2" To 41" Long, 6" High Adjustable Galvanized Steel Roof Curb	317.28	22.56
15828-0005	EA 41-1/2" To 49" Long, 6" High Adjustable Galvanized Steel Roof Curb	368.67	22.56
15828-0006	EA 49-1/2" To 58" Long, 6" High Adjustable Galvanized Steel Roof Curb	405.05	24.29
15828-0007	LF > 58" Long, 6" High Adjustable Galvanized Steel Roof Curb.....	90.07	5.85
15828-0008	12" Adjustable Galvanized Steel Roof Curb <small>(15828)</small>		
15828-0009	EA 14-1/2" To 23" Long, 12" High Adjustable Galvanized Steel Roof Curb	249.09	22.56
15828-0010	EA 23-1/2" To 32" Long, 12" High Adjustable Galvanized Steel Roof Curb	385.31	22.56
15828-0011	EA 32-1/2" To 41" Long, 12" High Adjustable Galvanized Steel Roof Curb	388.04	24.29
15828-0012	EA 41-1/2" To 49" Long, 12" High Adjustable Galvanized Steel Roof Curb	455.12	26.03
15828-0013	EA 49-1/2" To 58" Long, 12" High Adjustable Galvanized Steel Roof Curb	508.36	26.03
15828-0014	LF > 58" Long, 12" High Adjustable Galvanized Steel Roof Curb.....	121.36	7.25
15828-0015	18" Adjustable Vented Galvanized Steel Roof Curb <small>(15828)</small>		
15828-0016	EA 16-3/4" To 24" Long, 18" High Adjustable Galvanized Steel Roof Curb	347.37	24.29
15828-0017	EA 24-1/2" To 30" Long, 18" High Adjustable Galvanized Steel Roof Curb	426.65	26.03
15828-0018	EA 30-1/2" To 37" Long, 18" High Adjustable Galvanized Steel Roof Curb	511.10	27.76
15828-0019	LF > 37" Long, 18" High Adjustable Galvanized Steel Roof Curb.....	153.49	9.05
15828-0020	8" High, 18 Gauge Galvanized Steel Insulated Roof Curb <small>(15828)</small>		
Note: Includes liner and raised can			
15828-0021	EA 15" x 15", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	130.97	15.27
	15MOD-0714 For 12" High Curbs, Add	32.70	
	15MOD-0715 For Sloped Roofs Up To 1 In 12 Pitch, Add	11.57	
	15MOD-0716 For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	24.67	
15828-0022	EA 17" x 17", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	141.90	17.01
	15MOD-0714 For 12" High Curbs, Add	35.31	
	15MOD-0715 For Sloped Roofs Up To 1 In 12 Pitch, Add	12.49	
	15MOD-0716 For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	26.68	
15828-0023	EA 19" x 19", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	152.19	19.44
	15MOD-0714 For 12" High Curbs, Add	37.56	
	15MOD-0715 For Sloped Roofs Up To 1 In 12 Pitch, Add	13.28	
	15MOD-0716 For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	28.49	
15828-0024	EA 21" x 21", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	167.87	21.17
	15MOD-0714 For 12" High Curbs, Add	41.50	
	15MOD-0715 For Sloped Roofs Up To 1 In 12 Pitch, Add	14.67	
	15MOD-0716 For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	31.46	

15000 Mechanical
15800 Air Distribution
15828 Roof Curbs For Fans And Equipment



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15828-0025	EA	25" x 25", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	184.30	24.29
	15MOD-0714	For 12" High Curbs, Add	45.29	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	16.00	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	34.43	
15828-0026	EA	28" x 28", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	202.73	26.72
	15MOD-0714	For 12" High Curbs, Add	49.82	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	17.60	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	37.87	
15828-0027	EA	32" x 32", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	221.16	29.15
	15MOD-0714	For 12" High Curbs, Add	54.34	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	19.20	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	41.32	
15828-0028	EA	36" x 36", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	251.08	30.54
	15MOD-0714	For 12" High Curbs, Add	62.36	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	22.05	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	47.16	
15828-0029	EA	40" x 40", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	283.77	33.32
	15MOD-0714	For 12" High Curbs, Add	70.79	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.05	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	53.42	
15828-0030	EA	44" x 44", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	300.82	35.05
	15MOD-0714	For 12" High Curbs, Add	75.12	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	26.58	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	56.66	
15828-0031	EA	48" x 48", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	589.98	37.14
	15MOD-0714	For 12" High Curbs, Add	155.54	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	55.28	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	114.28	
15828-0032	EA	52" x 52", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	705.48	40.61
	15MOD-0714	For 12" High Curbs, Add	186.98	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	66.49	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	137.04	
15828-0033	EA	56" x 56", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	877.36	45.12
	15MOD-0714	For 12" High Curbs, Add	233.93	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	83.22	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	170.96	
15828-0034	EA	60" x 60", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	1,052.70	51.37
	15MOD-0714	For 12" High Curbs, Add	281.40	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	100.13	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	205.40	
15828-0035	EA	64" x 64", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	1,251.02	55.54
	15MOD-0714	For 12" High Curbs, Add	335.85	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	119.55	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	244.65	
15828-0036	EA	68" x 68", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	1,436.48	60.04
	15MOD-0714	For 12" High Curbs, Add	386.60	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	137.64	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	281.29	
15828-0037	EA	72" x 72", 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	1,645.21	69.42
	15MOD-0714	For 12" High Curbs, Add	442.61	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	157.58	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	322.10	
15828-0038	SF	> 36 SF, 8" High, 18 Gauge Galvanized Steel Insulated Roof Curb	50.19	2.09
	15MOD-0714	For 12" High Curbs, Add	13.51	
	15MOD-0715	For Sloped Roofs Up To 1 In 12 Pitch, Add	4.81	
	15MOD-0716	For Sloped Roofs > 1 In 12 To 3 In 12 Pitch, Add	9.83	

15829 Exhaust Fans (15800)

15829-0001 Light Duty Exhaust Fans (15829)

15829-0002 Ceiling And Wall Mount Light Duty Exhaust Fans (15829-0001)

15829-0003	EA	170 CFM Exhaust Fan, Wall Mounted, Light Duty	228.08	69.42
15829-0004	EA	180 CFM Exhaust Fan, Ceiling Mounted, Light Duty	232.78	69.42
15829-0005	EA	70 CFM Exhaust Fan, Ceiling Mounted With Heater - Light, Light Duty	228.08	69.42
15829-0006	EA	70 CFM Exhaust Fan, Ceiling/Wall Mounted, Light Duty	195.80	69.42
15829-0007	EA	50 CFM Exhaust Fan, Ceiling/Wall Mounted, Light Duty	180.43	69.42
15829-0008	EA	70 CFM Exhaust Fan, Ceiling Mounted With Light, Light Duty	179.66	69.42
15829-0009	EA	70 CFM Exhaust Fan, Ceiling Mounted With Heater - Bulb , Light Duty	217.64	69.42

15829-0010 Ceiling Exhaust Fans For Kitchen Area (15829-0001)

Note: Includes grille

15829-0011	EA	8" Kitchen Exhaust Fan, 160 CFM Ceiling Mounted, With Grille.....	230.42	69.42
15829-0012	EA	8" Kitchen Exhaust Fan, 190 CFM Ceiling Mounted, With Grille.....	294.14	69.42
15829-0013	EA	10" Kitchen Exhaust Fan, 430 CFM Ceiling Mounted, With Grille.....	388.38	69.42

15829-0014 Bathroom Exhaust Fans, 120 V, 60 Hz, Anodized Aluminum Finish (15829-0001)

15829-0015	EA	180 CFM - 225 SF Max Bathroom Exhaust Fan, 120V 60 Hz, Anodized Aluminum Finish	239.56	44.43
15829-0016	EA	210 CFM - 260 SF Max Bathroom Exhaust Fan, 120V 60 Hz, Anodized Aluminum Finish	413.82	120.09
15829-0017	EA	260 CFM - 325 SF Max Bathroom Exhaust Fan, 120V 60 Hz, Anodized Aluminum Finish	442.32	120.09
15829-0018	EA	300 CFM - 375 SF Max Bathroom Exhaust Fan, 120V 60 Hz, Anodized Aluminum Finish	478.29	120.09



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15829-0019	Bathroom Exhaust Fans With Light And Heater <small>(15829-0001)</small>		
15829-0020	EA 180 CFM Bathroom Fan With Light And Heater	462.63	120.09
15829-0021	EA 210 CFM Bathroom Fan With Light And Heater	495.35	120.09
15829-0022	EA 260 CFM Bathroom Fan With Light And Heater	512.67	120.09
15829-0023	EA 300 CFM Bathroom Fan With Light And Heater	518.45	120.09
15829-0024	Bathroom Exhaust Fan Accessories <small>(15829-0001)</small>		
15829-0025	EA Bathroom Exhaust Fan Timer Switch	100.45	17.35
15829-0026	Vent Kits For Exhaust Fans <small>(15829-0001)</small>		
	Note: For use with fans in CSI 15829		
15829-0027	EA Roof Vent Kit For Exhaust Fan, With Roof Cap And Flashing	113.88	37.69
15829-0028	EA Wall Vent Kit For Exhaust Fan, With Wall Cap	95.30	37.69
15829-0029	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan <small>(15829)</small>		
	Note: Includes storage and cleaning		
15829-0030	EA Remove And Reinstall Light Duty Ceiling Exhaust Fan	52.06	
15830	Power Roof Ventilators <small>(15800)</small>		
15830-0001	Centrifugal Power Roof Ventilators, Aluminum Housing <small>(15830)</small>		
	Note: Birdscreen, backdraft damper 1/4" static pressure.		
15830-0002	Direct Drive Centrifugal Power Roof Ventilators <small>(15830-0001)</small>		
15830-0003	EA 320 CFM Direct Drive Power Roof Ventilator, 8" x 8" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	485.92	99.27
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	43.11	
15830-0004	EA 420 CFM Direct Drive Power Roof Ventilator, 8" x 8" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	519.01	112.45
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	44.26	
15830-0005	EA 675 CFM Direct Drive Power Roof Ventilator, 12" x 12" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	563.01	131.19
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	45.19	
15830-0006	EA 770 CFM Direct Drive Power Roof Ventilator, 16" x 16" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	670.56	147.86
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	56.31	
15830-0007	EA 815 CFM Direct Drive Power Roof Ventilator, 18" x 18" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	703.10	147.86
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	61.12	
15830-0008	EA 1450 CFM Direct Drive Power Roof Ventilator, 18" x 18" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	811.23	173.54
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	69.62	
15830-0009	EA 2150 CFM Direct Drive Power Roof Ventilator, 20" x 20" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	989.14	224.21
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	81.28	
15830-0010	Belt Drive Centrifugal Power Roof Ventilators <small>(15830-0001)</small>		
15830-0011	EA 1660 CFM Belt Drive Power Roof Ventilator, 12" x 12" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	804.59	147.86
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	67.67	
15830-0012	EA 2830 CFM Belt Drive Power Roof Ventilator, 14" x 14" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,002.39	188.12
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	94.08	
15830-0013	EA 4600 CFM Belt Drive Power Roof Ventilator, 20" x 20" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,193.34	224.21
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	111.83	
15830-0014	EA 8750 CFM Belt Drive Power Roof Ventilator, 26" x 26" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	1,738.66	277.67
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	177.50	
15830-0015	EA 12500 CFM Belt Drive Power Roof Ventilator, 32" x 32" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	2,713.22	347.07
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	302.86	
15830-0016	EA 21600 CFM Belt Drive Power Roof Ventilator, 40" x 40" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	3,413.35	433.85
	<i>15MOD-0459 For 2 Speed Winding, Add</i>	381.85	
15830-0017	Propeller Exhaust Fans, Roof Mounted Upblast <small>(15830-0001)</small>		
	Note: Includes back draft damper and birdscreen and curb.		
15830-0018	EA 30300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	4,211.32	533.80
15830-0019	EA 36000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	6,841.19	693.94
15830-0020	Belt Drive Supply Fans <small>(15830-0001)</small>		
15830-0021	EA 4500 CFM, 24" x 24" Supply Fan, Roof Mounted	1,686.02	277.17
15830-0022	EA 10000 CFM, 36" x 36" Supply Fan, Roof Mounted	2,269.51	347.01
15831	Power Wall Ventilators <small>(15800)</small>		
15831-0001	Centrifugal Power Wall Ventilators, Aluminum Housing <small>(15831)</small>		
	Note: Birdscreen, backdraft damper 1/4" static pressure.		
15831-0002	Direct Drive Centrifugal Power Wall Ventilators <small>(15831-0001)</small>		
15831-0003	EA 420 CFM Direct Drive Power Wall Ventilator, 8" x 8" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	489.66	111.76
15831-0004	EA 675 CFM Direct Drive Power Wall Ventilator, 12" x 12" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	587.92	131.19
15831-0005	EA 770 CFM Direct Drive Power Wall Ventilator, 16" x 16" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	621.37	147.86
15831-0006	EA 2150 CFM Direct Drive Power Wall Ventilator, 20" x 20" Damper, Centrifugal, Aluminum, 1/4" Static Pressure	973.11	224.21

15000 Mechanical
15800 Air Distribution
15831 Power Wall Ventilators



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15831-0007 EA 1220 CFM Direct Drive Power Wall Ventilator, 18" x 18" Damper, Centrifugal, Aluminum, 1/4" Static Pressure.....	848.24	165.49
15831-0008 Centrifugal Wall Exhausters, Auto Damper, 1/8" Static Pressure (15831)		
15831-0009 Direct Drive Centrifugal Wall Exhausters (15831-0008)		
15831-0010 EA 610 CFM, 1/20 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	356.55	53.89
15831-0011 EA 796 CFM, 1/12 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	373.41	58.03
15831-0012 EA 822 CFM, 1/6 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	531.91	62.93
15831-0013 EA 1320 CFM, 1/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	536.19	62.93
15831-0014 EA 1756 CFM, 1/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	616.11	68.58
15831-0015 EA 1983 CFM, 1/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	722.62	75.36
15831-0016 EA 2900 CFM, 1/2 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	860.72	83.66
15831-0017 EA 3307 CFM, 3/4 HP Wall Exhauster, Direct Drive, Centrifugal, Auto Damper, 1/8" Static Pressure.....	953.30	94.21
15831-0018 V-Belt Drive, 3 Phase Centrifugal Wall Exhausters (15831-0008)		
15831-0019 EA 2800 CFM, 1/4 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,296.77	83.66
15831-0020 EA 3740 CFM, 1/2 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,360.77	94.21
15831-0021 EA 4400 CFM, 3/4 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,402.20	107.77
15831-0022 EA 5700 CFM, 1-1/2 HP Wall Exhauster, V-Belt Drive, Centrifugal, Auto Damper, 1/8" Static Pressure	1,451.91	125.48
15832 Intake And Relief Ventilators (15800)		
15832-0001 Mushroom Type Relief/Intake Vent (15832)		
15832-0002 Mushroom Type Relief/Intake Vent, Nominal Opening Size (15832-0001)		
Note: Includes aluminum housing, damper, birdscreen and curb.		
15832-0003 EA 12" x 12" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	359.53	86.77
15832-0004 EA 16" x 16" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	437.48	86.77
15832-0005 EA 22" x 22" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	567.80	115.92
15832-0006 EA 28" x 28" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	693.41	138.83
15832-0007 EA 32" x 32" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	954.62	138.83
15832-0008 EA 38" x 38" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	1,370.40	277.67
15832-0009 EA 46" x 46" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	1,664.43	277.67
15832-0010 EA 52" x 52" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	1,957.79	347.07
15832-0011 EA 60" x 60" Opening Relief/Intake Roof Ventilator, Mushroom Type, Aluminum, Damper, Birdscreen	2,551.32	347.07
15834 Air Handling Units (15800)		
15834-0001 Built-Up Air Handling Units (15834)		
Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters. See CSI section 15750-0000 for preheat coils, 15840-0000 for ductwork, 15861-0000 for duct dampers.		
15834-0002 Single Zone Units (15834-0001)		
Note: Horizontal/vertical draw-thru fan, motor and cabinet.		
15834-0003 EA 300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	1,497.81	386.99
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	122.14	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	227.69	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	338.77	
15MOD-0463 For Manual Roll Filter, Add	575.01	
15MOD-0464 For Automatic Roll Filter, Add	622.26	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	291.53	
15MOD-0466 For Electric Heating Coil, Add	480.52	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	480.52	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	433.27	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	386.02	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	311.13	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	575.01	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	527.77	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	386.02	
15MOD-0488 For Variable Air Volume, Add	132.29	
15MOD-0489 For Economizer, Panel, Controls And Damper(s), Add	1,027.00	
15MOD-0530 For 2 Coils, Independent Circuits, Add	168.68	



Mechanical 15000	15
Air Distribution 15800	
Air Handling Units 15834	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0004	EA 500	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	2,334.73	464.39
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	200.33	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	380.77	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	567.84	
	15MOD-0463	For Manual Roll Filter, Add	985.81	
	15MOD-0464	For Automatic Roll Filter, Add	1,069.40	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	484.25	
	15MOD-0466	For Electric Heating Coil, Add	818.62	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	818.62	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	735.03	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	651.44	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	534.70	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	985.81	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	902.21	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	651.44	
	15MOD-0488	For Variable Air Volume, Add	234.06	
	15MOD-0489	For Economizer, Panel, Controls And Damper(s), Add	1,104.02	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	266.91	
15834-0005	EA 800	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	2,633.78	498.74
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	227.76	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	434.14	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	647.65	
	15MOD-0463	For Manual Roll Filter, Add	1,127.99	
	15MOD-0464	For Automatic Roll Filter, Add	1,224.05	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	551.58	
	15MOD-0466	For Electric Heating Coil, Add	935.85	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	935.85	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	839.78	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	743.72	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	612.03	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	1,127.99	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	1,031.92	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	743.72	
	15MOD-0488	For Variable Air Volume, Add	268.99	
	15MOD-0489	For Economizer, Panel, Controls And Damper(s), Add	1,138.70	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	301.81	
15834-0006	EA 1000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	2,966.02	535.92
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	258.32	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	493.66	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	736.66	
	15MOD-0463	For Manual Roll Filter, Add	1,286.74	
	15MOD-0464	For Automatic Roll Filter, Add	1,396.76	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	626.65	
	15MOD-0466	For Electric Heating Coil, Add	1,066.71	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	1,066.71	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	956.70	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	846.68	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	698.38	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	1,286.74	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	1,176.73	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	846.68	
	15MOD-0488	For Variable Air Volume, Add	308.04	
	15MOD-0489	For Economizer, Panel, Controls And Damper(s), Add	1,176.00	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	340.61	
15834-0007	EA 1200	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	3,356.98	576.55
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	294.56	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	564.45	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	842.56	
	15MOD-0463	For Manual Roll Filter, Add	1,476.13	
	15MOD-0464	For Automatic Roll Filter, Add	1,602.84	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	715.84	
	15MOD-0466	For Electric Heating Coil, Add	1,222.70	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	1,222.70	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,095.99	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	969.27	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	801.42	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	1,476.13	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	1,349.41	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	969.27	
	15MOD-0488	For Variable Air Volume, Add	354.80	
	15MOD-0489	For Economizer, Panel, Controls And Damper(s), Add	1,215.88	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	386.38	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0008	EA	1400	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,812.32	619.60
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	336.98	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	647.40	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	966.67	
	15MOD-0463		For Manual Roll Filter, Add	1,698.47	
	15MOD-0464		For Automatic Roll Filter, Add	1,844.83	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	820.31	
	15MOD-0466		For Electric Heating Coil, Add	1,405.75	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,405.75	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,259.39	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	1,113.03	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	922.42	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	1,698.47	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	1,552.11	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	1,113.03	
	15MOD-0488		For Variable Air Volume, Add	409.81	
	15MOD-0489		For Economizer, Panel, Controls And Damper(s), Add	1,259.58	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	439.78	
15834-0009	EA	1600	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,171.47	666.11
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	369.67	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	710.85	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	1,061.53	
	15MOD-0463		For Manual Roll Filter, Add	1,867.00	
	15MOD-0464		For Automatic Roll Filter, Add	2,028.09	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	900.43	
	15MOD-0466		For Electric Heating Coil, Add	1,544.81	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,544.81	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,383.71	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	1,222.62	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,014.05	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	1,867.00	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	1,705.90	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	1,222.62	
	15MOD-0488		For Variable Air Volume, Add	451.06	
	15MOD-0489		For Economizer, Panel, Controls And Damper(s), Add	1,304.71	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	481.58	
15834-0010	EA	1800	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,561.52	717.87
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	404.89	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	779.02	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	1,163.40	
	15MOD-0463		For Manual Roll Filter, Add	2,047.45	
	15MOD-0464		For Automatic Roll Filter, Add	2,224.26	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	986.59	
	15MOD-0466		For Electric Heating Coil, Add	1,693.83	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,693.83	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,517.02	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	1,340.21	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,112.13	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	2,047.45	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	1,870.64	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	1,340.21	
	15MOD-0488		For Variable Air Volume, Add	495.07	
	15MOD-0490		For Economizer, Panel, Controls And Damper(s), Add	1,313.92	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	526.88	
15834-0011	EA	2000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,989.37	769.63
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	443.96	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	854.94	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	1,276.91	
	15MOD-0463		For Manual Roll Filter, Add	2,249.37	
	15MOD-0464		For Automatic Roll Filter, Add	2,443.86	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	1,082.41	
	15MOD-0466		For Electric Heating Coil, Add	1,860.38	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,860.38	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,665.89	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	1,471.40	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,221.93	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	2,249.37	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	2,054.87	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	1,471.40	
	15MOD-0488		For Variable Air Volume, Add	544.58	
	15MOD-0490		For Economizer, Panel, Controls And Damper(s), Add	1,354.74	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	576.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0012 EA 2250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,385.96	827.26
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	479.51	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	923.56	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	1,379.43	
15MOD-0463 For Manual Roll Filter, Add	2,430.47	
15MOD-0464 For Automatic Roll Filter, Add	2,640.68	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	1,169.22	
15MOD-0466 For Electric Heating Coil, Add	2,010.06	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	2,010.06	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,799.85	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	1,589.64	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,320.34	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	2,430.47	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	2,220.26	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	1,589.64	
15MOD-0488 For Variable Air Volume, Add	588.58	
15MOD-0490 For Economizer, Panel, Controls And Damper(s), Add	1,399.98	
15MOD-0530 For 2 Coils, Independent Circuits, Add	622.68	
15834-0013 EA 2500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,809.64	890.15
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	517.39	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	996.63	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	1,488.59	
15MOD-0463 For Manual Roll Filter, Add	2,623.13	
15MOD-0464 For Automatic Roll Filter, Add	2,850.04	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	1,261.69	
15MOD-0466 For Electric Heating Coil, Add	2,169.32	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	2,169.32	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,942.41	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	1,715.50	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,425.02	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	2,623.13	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	2,396.22	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	1,715.50	
15MOD-0488 For Variable Air Volume, Add	635.34	
15MOD-0490 For Economizer, Panel, Controls And Damper(s), Add	1,449.32	
15MOD-0530 For 2 Coils, Independent Circuits, Add	671.73	
15834-0014 EA 3000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,756.58	1,030.36
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	602.06	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	1,159.97	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	1,732.59	
15MOD-0463 For Manual Roll Filter, Add	3,053.76	
15MOD-0464 For Automatic Roll Filter, Add	3,318.00	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	1,468.36	
15MOD-0466 For Electric Heating Coil, Add	2,525.30	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	2,525.30	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,261.06	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	1,996.83	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,659.00	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	3,053.76	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	2,789.53	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	1,996.83	
15MOD-0488 For Variable Air Volume, Add	739.86	
15MOD-0490 For Economizer, Panel, Controls And Damper(s), Add	1,559.55	
15MOD-0530 For 2 Coils, Independent Circuits, Add	781.35	
15834-0015 EA 3250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,083.06	1,107.28
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	629.19	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	1,210.92	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	1,808.46	
15MOD-0463 For Manual Roll Filter, Add	3,183.66	
15MOD-0464 For Automatic Roll Filter, Add	3,458.70	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	1,533.42	
15MOD-0466 For Electric Heating Coil, Add	2,633.58	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	2,633.58	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,358.54	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	2,083.50	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,729.35	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	3,183.66	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	2,908.62	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	2,083.50	
15MOD-0488 For Variable Air Volume, Add	770.11	
15MOD-0490 For Economizer, Panel, Controls And Damper(s), Add	1,620.25	
15MOD-0530 For 2 Coils, Independent Circuits, Add	818.32	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0016	EA	3500	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,416.90	1,190.00
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	656.69	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	1,262.38	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	1,885.07	
	15MOD-0463		For Manual Roll Filter, Add	3,314.29	
	15MOD-0464		For Automatic Roll Filter, Add	3,600.14	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	1,599.22	
	15MOD-0466		For Electric Heating Coil, Add	2,742.60	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,742.60	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,456.76	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	2,170.91	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,800.07	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	3,314.29	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	3,028.45	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	2,170.91	
	15MOD-0488		For Variable Air Volume, Add	800.36	
	15MOD-0490		For Economizer, Panel, Controls And Damper(s), Add	1,685.01	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	856.03	
15834-0017	EA	4000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,151.60	1,373.82
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	717.00	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	1,375.10	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	2,052.84	
	15MOD-0463		For Manual Roll Filter, Add	3,599.93	
	15MOD-0464		For Automatic Roll Filter, Add	3,909.35	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	1,743.42	
	15MOD-0466		For Electric Heating Coil, Add	2,981.09	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,981.09	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,671.67	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	2,362.26	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,954.68	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	3,599.93	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	3,290.51	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	2,362.26	
	15MOD-0488		For Variable Air Volume, Add	866.37	
	15MOD-0491		For Economizer, Panel, Controls And Damper(s), Add	1,725.29	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	938.93	
15834-0018	EA	4500	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,151.60	1,373.82
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	717.00	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	1,375.10	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	2,052.84	
	15MOD-0463		For Manual Roll Filter, Add	3,599.93	
	15MOD-0464		For Automatic Roll Filter, Add	3,909.35	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	1,743.42	
	15MOD-0466		For Electric Heating Coil, Add	2,981.09	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,981.09	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,671.67	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	2,362.26	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,954.68	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	3,599.93	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	3,290.51	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	2,362.26	
	15MOD-0488		For Variable Air Volume, Add	866.37	
	15MOD-0491		For Economizer, Panel, Controls And Damper(s), Add	1,725.29	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	938.93	
15834-0019	EA	5000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,953.84	1,577.96
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	782.65	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	1,497.66	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	2,235.22	
	15MOD-0463		For Manual Roll Filter, Add	3,910.01	
	15MOD-0464		For Automatic Roll Filter, Add	4,244.97	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	1,900.26	
	15MOD-0466		For Electric Heating Coil, Add	3,240.09	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	3,240.09	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,905.14	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	2,570.18	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,122.48	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	3,910.01	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	3,575.05	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	2,570.18	
	15MOD-0488		For Variable Air Volume, Add	937.88	
	15MOD-0491		For Economizer, Panel, Controls And Damper(s), Add	1,841.87	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	1,029.37	



Mechanical 15000	15
Air Distribution 15800	
Air Handling Units 15834	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0020	EA 5500	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,420.42	1,711.94
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	819.73	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	1,566.08	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	2,336.88	
	15MOD-0463	For Manual Roll Filter, Add	4,080.44	
	15MOD-0464	For Automatic Roll Filter, Add	4,429.15	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	1,988.17	
	15MOD-0466	For Electric Heating Coil, Add	3,383.02	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,383.02	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,034.31	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	2,685.59	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,214.57	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	4,080.44	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	3,731.73	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	2,685.59	
	15MOD-0488	For Variable Air Volume, Add	976.39	
	15MOD-0491	For Economizer, Panel, Controls And Damper(s), Add	1,918.48	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,081.53	
15834-0021	EA 6000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,876.83	1,839.17
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	856.30	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	1,633.78	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	2,437.53	
	15MOD-0463	For Manual Roll Filter, Add	4,249.85	
	15MOD-0464	For Automatic Roll Filter, Add	4,612.31	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	2,075.07	
	15MOD-0466	For Electric Heating Coil, Add	3,524.92	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,524.92	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,162.46	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	2,800.00	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,306.15	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	4,249.85	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	3,887.38	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	2,800.00	
	15MOD-0488	For Variable Air Volume, Add	1,014.90	
	15MOD-0491	For Economizer, Panel, Controls And Damper(s), Add	1,991.03	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,132.67	
15834-0022	EA 6500	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,336.31	1,968.81
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	893.03	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	1,701.70	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	2,538.49	
	15MOD-0463	For Manual Roll Filter, Add	4,419.56	
	15MOD-0464	For Automatic Roll Filter, Add	4,795.78	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	2,162.27	
	15MOD-0466	For Electric Heating Coil, Add	3,667.13	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,667.13	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,290.92	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	2,914.70	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,397.89	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	4,419.56	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	4,043.35	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	2,914.70	
	15MOD-0488	For Variable Air Volume, Add	1,053.40	
	15MOD-0491	For Economizer, Panel, Controls And Damper(s), Add	2,064.81	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,184.12	
15834-0023	EA 7000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,866.24	2,119.26
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	935.24	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	1,779.66	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	2,654.35	
	15MOD-0463	For Manual Roll Filter, Add	4,614.00	
	15MOD-0464	For Automatic Roll Filter, Add	5,005.93	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	2,262.42	
	15MOD-0466	For Electric Heating Coil, Add	3,830.14	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,830.14	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,438.21	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	3,046.28	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,502.97	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	4,614.00	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	4,222.07	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	3,046.28	
	15MOD-0488	For Variable Air Volume, Add	1,097.41	
	15MOD-0491	For Economizer, Panel, Controls And Damper(s), Add	2,151.05	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,243.40	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0024	EA	7500	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,404.97	2,270.67
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	977.90	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	1,858.23	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	2,771.09	
	15MOD-0463		For Manual Roll Filter, Add	4,809.32	
	15MOD-0464		For Automatic Roll Filter, Add	5,216.97	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	2,363.44	
	15MOD-0466		For Electric Heating Coil, Add	3,994.03	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	3,994.03	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,586.38	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	3,178.73	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,608.49	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	4,809.32	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	4,401.68	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	3,178.73	
	15MOD-0488		For Variable Air Volume, Add	1,141.41	
	15MOD-0492		For Economizer, Panel, Controls And Damper(s), Add	2,155.61	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	1,303.56	
15834-0025	EA	8000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,961.87	2,445.23
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	1,021.46	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	1,938.08	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	2,889.64	
	15MOD-0463		For Manual Roll Filter, Add	5,006.46	
	15MOD-0464		For Automatic Roll Filter, Add	5,429.83	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	2,466.28	
	15MOD-0466		For Electric Heating Coil, Add	4,159.74	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	4,159.74	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,736.37	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	3,313.01	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,714.91	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	5,006.46	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	4,583.10	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	3,313.01	
	15MOD-0488		For Variable Air Volume, Add	1,185.42	
	15MOD-0492		For Economizer, Panel, Controls And Damper(s), Add	2,228.38	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	1,365.53	
15834-0026	EA	9000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,597.15	2,648.95
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	1,070.90	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	2,028.52	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	3,023.90	
	15MOD-0463		For Manual Roll Filter, Add	5,229.12	
	15MOD-0464		For Automatic Roll Filter, Add	5,670.17	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	2,582.85	
	15MOD-0466		For Electric Heating Coil, Add	4,347.03	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	4,347.03	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,905.99	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	3,464.94	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,835.08	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	5,229.12	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	4,788.08	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	3,464.94	
	15MOD-0488		For Variable Air Volume, Add	1,234.93	
	15MOD-0492		For Economizer, Panel, Controls And Damper(s), Add	2,312.88	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	1,436.13	
15834-0027	EA	10000	CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,215.79	2,828.21
	15MOD-0460		For Flat Filter Box And Throwaway Filters, Add	1,119.52	
	15MOD-0461		For Medium Capacity Filter Box And Throwaway Filters, Add	2,117.79	
	15MOD-0462		For Combination Filter Mixing Box And Throwaway Filters, Add	3,156.49	
	15MOD-0463		For Manual Roll Filter, Add	5,450.12	
	15MOD-0464		For Automatic Roll Filter, Add	5,908.84	
	15MOD-0465		For Hot Water Heating Coil, Aluminum Fins, Add	2,697.76	
	15MOD-0466		For Electric Heating Coil, Add	4,532.66	
	15MOD-0467		For Chilled Water Cooling Coil, Aluminum Fins, Add	4,532.66	
	15MOD-0468		For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,073.94	
	15MOD-0469		For Steam Heating Coil, Aluminum Fins, Add	3,615.21	
	15MOD-0470		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,954.42	
	15MOD-0471		For Chilled Water Cooling Coil, Copper Fins, Add	5,450.12	
	15MOD-0472		For Direct Expansion Cooling Coil, Copper Fins, Add	4,991.39	
	15MOD-0473		For Hot Water Heating Coil, Copper Fins, Add	3,615.21	
	15MOD-0488		For Variable Air Volume, Add	1,284.43	
	15MOD-0492		For Economizer, Panel, Controls And Damper(s), Add	2,392.38	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	1,505.07	



Mechanical 15000	15
Air Distribution 15800	
Air Handling Units 15834	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0028	EA	11500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	13,250.10	2,738.44
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	1,130.07	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	2,143.18	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	3,195.28	
	15MOD-0463	For Manual Roll Filter, Add	5,533.11	
	15MOD-0464	For Automatic Roll Filter, Add	6,000.68	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	2,727.71	
	15MOD-0466	For Electric Heating Coil, Add	4,597.98	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	4,597.98	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,130.41	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	3,662.85	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,000.34	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	5,533.11	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	5,065.55	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	3,662.85	
	15MOD-0488	For Variable Air Volume, Add	1,309.19	
	15MOD-0492	For Economizer, Panel, Controls And Damper(s), Add	2,349.63	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,512.04	
15834-0029	EA	12500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	13,867.58	3,038.22
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	1,169.79	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	2,209.39	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	3,292.39	
	15MOD-0463	For Manual Roll Filter, Add	5,674.43	
	15MOD-0464	For Automatic Roll Filter, Add	6,150.83	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	2,815.98	
	15MOD-0466	For Electric Heating Coil, Add	4,721.61	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	4,721.61	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,245.20	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	3,768.80	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,075.42	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	5,674.43	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	5,198.02	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	3,768.80	
	15MOD-0488	For Variable Air Volume, Add	1,333.94	
	15MOD-0492	For Economizer, Panel, Controls And Damper(s), Add	2,481.83	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,577.32	
15834-0030	EA	13700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	14,592.53	3,160.26
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	1,234.52	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	2,334.20	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	3,478.83	
	15MOD-0463	For Manual Roll Filter, Add	6,003.29	
	15MOD-0464	For Automatic Roll Filter, Add	6,508.19	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	2,973.93	
	15MOD-0466	For Electric Heating Coil, Add	4,993.51	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	4,993.51	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,488.61	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	3,983.72	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,254.09	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	6,003.29	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	5,498.40	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	3,983.72	
	15MOD-0488	For Variable Air Volume, Add	1,413.70	
	15MOD-0493	For Economizer, Panel, Controls And Damper(s), Add	2,298.93	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,661.21	
15834-0031	EA	15000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	15,360.67	3,282.64
	15MOD-0460	For Flat Filter Box And Throwaway Filters, Add	1,301.41	
	15MOD-0461	For Medium Capacity Filter Box And Throwaway Filters, Add	2,462.03	
	15MOD-0462	For Combination Filter Mixing Box And Throwaway Filters, Add	3,669.59	
	15MOD-0463	For Manual Roll Filter, Add	6,336.49	
	15MOD-0464	For Automatic Roll Filter, Add	6,869.87	
	15MOD-0465	For Hot Water Heating Coil, Aluminum Fins, Add	3,136.21	
	15MOD-0466	For Electric Heating Coil, Add	5,269.73	
	15MOD-0467	For Chilled Water Cooling Coil, Aluminum Fins, Add	5,269.73	
	15MOD-0468	For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,736.35	
	15MOD-0469	For Steam Heating Coil, Aluminum Fins, Add	4,202.97	
	15MOD-0470	For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,434.93	
	15MOD-0471	For Chilled Water Cooling Coil, Copper Fins, Add	6,336.49	
	15MOD-0472	For Direct Expansion Cooling Coil, Copper Fins, Add	5,803.11	
	15MOD-0473	For Hot Water Heating Coil, Copper Fins, Add	4,202.97	
	15MOD-0488	For Variable Air Volume, Add	1,493.46	
	15MOD-0493	For Economizer, Panel, Controls And Damper(s), Add	2,338.61	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	1,749.42	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0032 EA 16500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,253.43	3,469.43
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	1,378.47	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	2,608.81	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	3,888.52	
15MOD-0463 For Manual Roll Filter, Add	6,717.50	
15MOD-0464 For Automatic Roll Filter, Add	7,283.29	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	3,322.73	
15MOD-0466 For Electric Heating Coil, Add	5,585.91	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	5,585.91	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,020.11	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	4,454.32	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,641.65	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	6,717.50	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	6,151.70	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	4,454.32	
15MOD-0488 For Variable Air Volume, Add	1,584.23	
15MOD-0493 For Economizer, Panel, Controls And Damper(s), Add	2,387.51	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,851.66	
15834-0033 EA 17500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,102.13	3,598.06
15MOD-0460 For Flat Filter Box And Throwaway Filters, Add	1,453.32	
15MOD-0461 For Medium Capacity Filter Box And Throwaway Filters, Add	2,752.50	
15MOD-0462 For Combination Filter Mixing Box And Throwaway Filters, Add	4,103.06	
15MOD-0463 For Manual Roll Filter, Add	7,094.11	
15MOD-0464 For Automatic Roll Filter, Add	7,692.32	
15MOD-0465 For Hot Water Heating Coil, Aluminum Fins, Add	3,504.84	
15MOD-0466 For Electric Heating Coil, Add	5,897.69	
15MOD-0467 For Chilled Water Cooling Coil, Aluminum Fins, Add	5,897.69	
15MOD-0468 For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,299.48	
15MOD-0469 For Steam Heating Coil, Aluminum Fins, Add	4,701.27	
15MOD-0470 For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,846.16	
15MOD-0471 For Chilled Water Cooling Coil, Copper Fins, Add	7,094.11	
15MOD-0472 For Direct Expansion Cooling Coil, Copper Fins, Add	6,495.90	
15MOD-0473 For Hot Water Heating Coil, Copper Fins, Add	4,701.27	
15MOD-0488 For Variable Air Volume, Add	1,674.99	
15MOD-0493 For Economizer, Panel, Controls And Damper(s), Add	2,427.58	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,949.50	
15834-0034 EA 20000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,030.08	3,857.38
15MOD-0474 For Flat Filter Box And Throwaway Filters, Add	1,627.32	
15MOD-0475 For Medium Capacity Filter Box And Throwaway Filters, Add	3,089.21	
15MOD-0476 For Combination Filter Mixing Box And Throwaway Filters, Add	5,282.06	
15MOD-0477 For Manual Roll Filter, Add	7,579.82	
15MOD-0478 For Automatic Roll Filter, Add	7,985.31	
15MOD-0479 For Hot Water Heating Coil, Aluminum Fins, Add	3,254.63	
15MOD-0480 For Electric Heating Coil, Add	3,524.95	
15MOD-0481 For Chilled Water Cooling Coil, Aluminum Fins, Add	5,957.87	
15MOD-0482 For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,282.06	
15MOD-0483 For Steam Heating Coil, Aluminum Fins, Add	4,606.25	
15MOD-0484 For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	3,654.75	
15MOD-0485 For Chilled Water Cooling Coil, Copper Fins, Add	7,309.50	
15MOD-0486 For Direct Expansion Cooling Coil, Copper Fins, Add	6,633.69	
15MOD-0487 For Hot Water Heating Coil, Copper Fins, Add	5,282.06	
15MOD-0488 For Variable Air Volume, Add	1,892.27	
15MOD-0494 For Economizer, Panel, Controls And Damper(s), Add	2,699.93	
15MOD-0530 For 2 Coils, Independent Circuits, Add	2,173.33	
15834-0035 EA 22500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,087.53	4,157.21
15MOD-0474 For Flat Filter Box And Throwaway Filters, Add	1,810.73	
15MOD-0475 For Medium Capacity Filter Box And Throwaway Filters, Add	3,442.66	
15MOD-0476 For Combination Filter Mixing Box And Throwaway Filters, Add	5,890.54	
15MOD-0477 For Manual Roll Filter, Add	8,462.16	
15MOD-0478 For Automatic Roll Filter, Add	8,915.98	
15MOD-0479 For Hot Water Heating Coil, Aluminum Fins, Add	3,621.47	
15MOD-0480 For Electric Heating Coil, Add	3,924.01	
15MOD-0481 For Chilled Water Cooling Coil, Aluminum Fins, Add	6,646.90	
15MOD-0482 For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,890.54	
15MOD-0483 For Steam Heating Coil, Aluminum Fins, Add	5,134.19	
15MOD-0484 For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	4,079.81	
15MOD-0485 For Chilled Water Cooling Coil, Copper Fins, Add	8,159.62	
15MOD-0486 For Direct Expansion Cooling Coil, Copper Fins, Add	7,403.26	
15MOD-0487 For Hot Water Heating Coil, Copper Fins, Add	5,890.54	
15MOD-0488 For Variable Air Volume, Add	2,117.80	
15MOD-0494 For Economizer, Panel, Controls And Damper(s), Add	2,778.06	
15MOD-0530 For 2 Coils, Independent Circuits, Add	2,411.30	



Mechanical 15000	15
Air Distribution 15800	
Air Handling Units 15834	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0036	EA	25000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,322.33	4,454.36
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	2,013.83	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	3,836.61	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	6,570.79	
	15MOD-0477	For Manual Roll Filter, Add	9,453.00	
	15MOD-0478	For Automatic Roll Filter, Add	9,961.63	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	4,027.65	
	15MOD-0480	For Electric Heating Coil, Add	4,366.74	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	7,418.50	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,570.79	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	5,723.08	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	4,556.96	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	9,113.92	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	8,266.21	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	6,570.79	
	15MOD-0488	For Variable Air Volume, Add	2,373.59	
	15MOD-0494	For Economizer, Panel, Controls And Damper(s), Add	2,849.42	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,671.32	
15834-0037	EA	27500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	28,539.36	4,797.23
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	2,511.41	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	4,817.30	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	8,276.14	
	15MOD-0477	For Manual Roll Filter, Add	11,963.24	
	15MOD-0478	For Automatic Roll Filter, Add	12,613.90	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	5,022.82	
	15MOD-0480	For Electric Heating Coil, Add	5,456.59	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	9,360.58	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,276.14	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	7,191.70	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	5,764.73	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	11,529.46	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	10,445.02	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	8,276.14	
	15MOD-0488	For Variable Air Volume, Add	3,036.43	
	15MOD-0494	For Economizer, Panel, Controls And Damper(s), Add	2,933.85	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	3,287.71	
15834-0038	EA	30000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	31,827.16	5,120.34
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	2,817.25	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	5,415.21	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	9,312.16	
	15MOD-0477	For Manual Roll Filter, Add	13,480.19	
	15MOD-0478	For Automatic Roll Filter, Add	14,215.72	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	5,634.50	
	15MOD-0480	For Electric Heating Coil, Add	6,124.85	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	10,538.05	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,312.16	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	8,086.27	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	6,494.92	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	12,989.83	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	11,763.94	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	9,312.16	
	15MOD-0488	For Variable Air Volume, Add	3,432.49	
	15MOD-0495	For Economizer, Panel, Controls And Damper(s), Add	2,861.41	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	3,673.07	
15834-0039	EA	32500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	34,846.53	5,513.84
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	3,091.00	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	5,945.81	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	10,228.03	
	15MOD-0477	For Manual Roll Filter, Add	14,813.52	
	15MOD-0478	For Automatic Roll Filter, Add	15,622.73	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	6,182.00	
	15MOD-0480	For Electric Heating Coil, Add	6,721.47	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	11,576.70	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,228.03	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	8,879.35	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	7,137.03	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	14,274.05	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	12,925.38	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	10,228.03	
	15MOD-0488	For Variable Air Volume, Add	3,776.29	
	15MOD-0495	For Economizer, Panel, Controls And Damper(s), Add	2,945.95	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	4,024.12	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0040	EA		35000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	38,218.88	5,957.16
	15MOD-0474		For Flat Filter Box And Throwaway Filters, Add	3,394.19	
	15MOD-0475		For Medium Capacity Filter Box And Throwaway Filters, Add	6,531.77	
	15MOD-0476		For Combination Filter Mixing Box And Throwaway Filters, Add	11,238.13	
	15MOD-0477		For Manual Roll Filter, Add	16,281.17	
	15MOD-0478		For Automatic Roll Filter, Add	17,171.12	
	15MOD-0479		For Hot Water Heating Coil, Aluminum Fins, Add	6,788.38	
	15MOD-0480		For Electric Heating Coil, Add	7,381.68	
	15MOD-0481		For Chilled Water Cooling Coil, Aluminum Fins, Add	12,721.37	
	15MOD-0482		For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,238.13	
	15MOD-0483		For Steam Heating Coil, Aluminum Fins, Add	9,754.88	
	15MOD-0484		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	7,843.93	
	15MOD-0485		For Chilled Water Cooling Coil, Copper Fins, Add	15,687.87	
	15MOD-0486		For Direct Expansion Cooling Coil, Copper Fins, Add	14,204.62	
	15MOD-0487		For Hot Water Heating Coil, Copper Fins, Add	11,238.13	
	15MOD-0488		For Variable Air Volume, Add	4,153.09	
	15MOD-0495		For Economizer, Panel, Controls And Damper(s), Add	3,048.09	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	4,415.19	
15834-0041	EA		37500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	41,110.73	6,351.08
	15MOD-0474		For Flat Filter Box And Throwaway Filters, Add	3,657.64	
	15MOD-0475		For Medium Capacity Filter Box And Throwaway Filters, Add	7,043.22	
	15MOD-0476		For Combination Filter Mixing Box And Throwaway Filters, Add	12,121.59	
	15MOD-0477		For Manual Roll Filter, Add	17,568.75	
	15MOD-0478		For Automatic Roll Filter, Add	18,530.01	
	15MOD-0479		For Hot Water Heating Coil, Aluminum Fins, Add	7,315.28	
	15MOD-0480		For Electric Heating Coil, Add	7,956.12	
	15MOD-0481		For Chilled Water Cooling Coil, Aluminum Fins, Add	13,723.70	
	15MOD-0482		For Direct Expansion Cooling Coil, Aluminum Fins, Add	12,121.59	
	15MOD-0483		For Steam Heating Coil, Aluminum Fins, Add	10,519.49	
	15MOD-0484		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	8,463.95	
	15MOD-0485		For Chilled Water Cooling Coil, Copper Fins, Add	16,927.91	
	15MOD-0486		For Direct Expansion Cooling Coil, Copper Fins, Add	15,325.80	
	15MOD-0487		For Hot Water Heating Coil, Copper Fins, Add	12,121.59	
	15MOD-0488		For Variable Air Volume, Add	4,485.89	
	15MOD-0495		For Economizer, Panel, Controls And Damper(s), Add	3,125.30	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	4,751.91	
15834-0042	EA		40000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	44,334.35	6,794.11
	15MOD-0474		For Flat Filter Box And Throwaway Filters, Add	3,946.52	
	15MOD-0475		For Medium Capacity Filter Box And Throwaway Filters, Add	7,600.89	
	15MOD-0476		For Combination Filter Mixing Box And Throwaway Filters, Add	13,082.44	
	15MOD-0477		For Manual Roll Filter, Add	18,963.76	
	15MOD-0478		For Automatic Roll Filter, Add	20,001.64	
	15MOD-0479		For Hot Water Heating Coil, Aluminum Fins, Add	7,893.04	
	15MOD-0480		For Electric Heating Coil, Add	8,584.96	
	15MOD-0481		For Chilled Water Cooling Coil, Aluminum Fins, Add	14,812.24	
	15MOD-0482		For Direct Expansion Cooling Coil, Aluminum Fins, Add	13,082.44	
	15MOD-0483		For Steam Heating Coil, Aluminum Fins, Add	11,352.64	
	15MOD-0484		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	9,135.92	
	15MOD-0485		For Chilled Water Cooling Coil, Copper Fins, Add	18,271.84	
	15MOD-0486		For Direct Expansion Cooling Coil, Copper Fins, Add	16,542.04	
	15MOD-0487		For Hot Water Heating Coil, Copper Fins, Add	13,082.44	
	15MOD-0488		For Variable Air Volume, Add	4,843.44	
	15MOD-0496		For Economizer, Panel, Controls And Damper(s), Add	3,047.29	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	5,125.36	
15834-0043	EA		45000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	47,846.05	7,335.74
	15MOD-0474		For Flat Filter Box And Throwaway Filters, Add	4,260.61	
	15MOD-0475		For Medium Capacity Filter Box And Throwaway Filters, Add	8,206.81	
	15MOD-0476		For Combination Filter Mixing Box And Throwaway Filters, Add	14,126.12	
	15MOD-0477		For Manual Roll Filter, Add	20,478.35	
	15MOD-0478		For Automatic Roll Filter, Add	21,599.33	
	15MOD-0479		For Hot Water Heating Coil, Aluminum Fins, Add	8,521.21	
	15MOD-0480		For Electric Heating Coil, Add	9,268.53	
	15MOD-0481		For Chilled Water Cooling Coil, Aluminum Fins, Add	15,994.42	
	15MOD-0482		For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,126.12	
	15MOD-0483		For Steam Heating Coil, Aluminum Fins, Add	12,257.82	
	15MOD-0484		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	9,865.51	
	15MOD-0485		For Chilled Water Cooling Coil, Copper Fins, Add	19,731.03	
	15MOD-0486		For Direct Expansion Cooling Coil, Copper Fins, Add	17,862.73	
	15MOD-0487		For Hot Water Heating Coil, Copper Fins, Add	14,126.12	
	15MOD-0488		For Variable Air Volume, Add	5,231.25	
	15MOD-0496		For Economizer, Panel, Controls And Damper(s), Add	3,140.00	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	5,531.93	



Mechanical 15000	15
Air Distribution 15800	
Air Handling Units 15834	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0044	EA	47500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	49,849.83	7,680.30
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	4,437.41	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	8,546.28	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	14,709.59	
	15MOD-0477	For Manual Roll Filter, Add	21,322.32	
	15MOD-0478	For Automatic Roll Filter, Add	22,489.27	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	8,874.83	
	15MOD-0480	For Electric Heating Coil, Add	9,652.79	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	16,654.51	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,709.59	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	12,764.67	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	10,272.18	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	20,544.35	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	18,599.43	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	14,709.59	
	15MOD-0488	For Variable Air Volume, Add	5,445.78	
	15MOD-0496	For Economizer, Panel, Controls And Damper(s), Add	3,198.93	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	5,762.95	
15834-0045	EA	50000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	51,736.94	7,975.70
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	4,604.46	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	8,867.37	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	15,261.74	
	15MOD-0477	For Manual Roll Filter, Add	22,121.62	
	15MOD-0478	For Automatic Roll Filter, Add	23,332.18	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	9,208.91	
	15MOD-0480	For Electric Heating Coil, Add	10,015.96	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	17,279.35	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,261.74	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	13,244.13	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	10,657.29	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	21,314.57	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	19,296.96	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	15,261.74	
	15MOD-0488	For Variable Air Volume, Add	5,649.31	
	15MOD-0496	For Economizer, Panel, Controls And Damper(s), Add	3,253.09	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	5,980.74	
15834-0046	EA	55000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	55,766.64	8,517.25
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	4,968.02	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	9,570.85	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	16,475.10	
	15MOD-0477	For Manual Roll Filter, Add	23,886.03	
	15MOD-0478	For Automatic Roll Filter, Add	25,193.84	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	9,936.04	
	15MOD-0480	For Electric Heating Coil, Add	10,807.91	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	18,654.78	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	16,475.10	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	14,295.41	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	11,507.08	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	23,014.16	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	20,834.47	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	16,475.10	
	15MOD-0488	For Variable Air Volume, Add	6,103.12	
	15MOD-0496	For Economizer, Panel, Controls And Damper(s), Add	3,351.61	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	6,448.54	
15834-0047	EA	60000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	60,959.94	9,108.04
	15MOD-0474	For Flat Filter Box And Throwaway Filters, Add	5,444.77	
	15MOD-0475	For Medium Capacity Filter Box And Throwaway Filters, Add	10,498.80	
	15MOD-0476	For Combination Filter Mixing Box And Throwaway Filters, Add	18,079.85	
	15MOD-0477	For Manual Roll Filter, Add	26,228.87	
	15MOD-0478	For Automatic Roll Filter, Add	27,666.93	
	15MOD-0479	For Hot Water Heating Coil, Aluminum Fins, Add	10,889.54	
	15MOD-0480	For Electric Heating Coil, Add	11,848.24	
	15MOD-0481	For Chilled Water Cooling Coil, Aluminum Fins, Add	20,476.62	
	15MOD-0482	For Direct Expansion Cooling Coil, Aluminum Fins, Add	18,079.85	
	15MOD-0483	For Steam Heating Coil, Aluminum Fins, Add	15,683.08	
	15MOD-0484	For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	12,635.08	
	15MOD-0485	For Chilled Water Cooling Coil, Copper Fins, Add	25,270.16	
	15MOD-0486	For Direct Expansion Cooling Coil, Copper Fins, Add	22,873.39	
	15MOD-0487	For Hot Water Heating Coil, Copper Fins, Add	18,079.85	
	15MOD-0488	For Variable Air Volume, Add	6,710.96	
	15MOD-0497	For Economizer, Panel, Controls And Damper(s), Add	3,202.45	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	7,054.70	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0048	EA		65000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	66,795.45	9,846.54
	15MOD-0474		For Flat Filter Box And Throwaway Filters, Add	5,976.22	
	15MOD-0475		For Medium Capacity Filter Box And Throwaway Filters, Add	11,530.45	
	15MOD-0476		For Combination Filter Mixing Box And Throwaway Filters, Add	19,861.79	
	15MOD-0477		For Manual Roll Filter, Add	28,825.71	
	15MOD-0478		For Automatic Roll Filter, Add	30,407.58	
	15MOD-0479		For Hot Water Heating Coil, Aluminum Fins, Add	11,952.44	
	15MOD-0480		For Electric Heating Coil, Add	13,007.02	
	15MOD-0481		For Chilled Water Cooling Coil, Aluminum Fins, Add	22,498.24	
	15MOD-0482		For Direct Expansion Cooling Coil, Aluminum Fins, Add	19,861.79	
	15MOD-0483		For Steam Heating Coil, Aluminum Fins, Add	17,225.34	
	15MOD-0484		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	13,885.57	
	15MOD-0485		For Chilled Water Cooling Coil, Copper Fins, Add	27,771.13	
	15MOD-0486		For Direct Expansion Cooling Coil, Copper Fins, Add	25,134.68	
	15MOD-0487		For Hot Water Heating Coil, Copper Fins, Add	19,861.79	
	15MOD-0488		For Variable Air Volume, Add	7,382.06	
	15MOD-0497		For Economizer, Panel, Controls And Damper(s), Add	3,306.65	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	7,734.12	
15834-0049	EA		70000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	73,303.30	10,683.49
	15MOD-0474		For Flat Filter Box And Throwaway Filters, Add	6,565.85	
	15MOD-0475		For Medium Capacity Filter Box And Throwaway Filters, Add	12,673.01	
	15MOD-0476		For Combination Filter Mixing Box And Throwaway Filters, Add	21,833.74	
	15MOD-0477		For Manual Roll Filter, Add	31,696.06	
	15MOD-0478		For Automatic Roll Filter, Add	33,436.47	
	15MOD-0479		For Hot Water Heating Coil, Aluminum Fins, Add	13,131.70	
	15MOD-0480		For Electric Heating Coil, Add	14,291.97	
	15MOD-0481		For Chilled Water Cooling Coil, Aluminum Fins, Add	24,734.43	
	15MOD-0482		For Direct Expansion Cooling Coil, Aluminum Fins, Add	21,833.74	
	15MOD-0483		For Steam Heating Coil, Aluminum Fins, Add	18,933.06	
	15MOD-0484		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	15,267.90	
	15MOD-0485		For Chilled Water Cooling Coil, Copper Fins, Add	30,535.79	
	15MOD-0486		For Direct Expansion Cooling Coil, Copper Fins, Add	27,635.11	
	15MOD-0487		For Hot Water Heating Coil, Copper Fins, Add	21,833.74	
	15MOD-0488		For Variable Air Volume, Add	8,121.91	
	15MOD-0497		For Economizer, Panel, Controls And Damper(s), Add	3,428.97	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	8,490.60	
15834-0050			Multi-Zone Units <small>(15834-0001)</small>		
			Note: Horizontal/vertical blow-thru fan, motor and cabinet.		
15834-0051	EA		1000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	4,386.78	870.59
	15MOD-0498		For Economizer, Panel, Controls And Damper(s), Add	1,510.43	
	15MOD-0507		For Flat Filter Box And Throwaway Filters, Add	376.50	
	15MOD-0508		For Medium Capacity Filter Box And Throwaway Filters, Add	715.70	
	15MOD-0509		For Combination Filter Mixing Box And Throwaway Filters, Add	910.17	
	15MOD-0510		For Manual Roll Filter, Add	1,853.17	
	15MOD-0511		For Automatic Roll Filter, Add	1,853.17	
	15MOD-0512		For Hot Water Heating Coil, Aluminum Fins, Add	438.68	
	15MOD-0513		For Electric Heating Coil, Add	501.54	
	15MOD-0514		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,538.84	
	15MOD-0515		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,538.84	
	15MOD-0516		For Chilled Water Cooling Coil, Copper Fins, Add	1,853.17	
	15MOD-0517		For Direct Expansion Cooling Coil, Copper Fins, Add	1,853.17	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	501.54	
15834-0052	EA		1200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	5,467.67	1,090.69
	15MOD-0498		For Economizer, Panel, Controls And Damper(s), Add	1,730.73	
	15MOD-0507		For Flat Filter Box And Throwaway Filters, Add	468.86	
	15MOD-0508		For Medium Capacity Filter Box And Throwaway Filters, Add	890.97	
	15MOD-0509		For Combination Filter Mixing Box And Throwaway Filters, Add	1,133.19	
	15MOD-0510		For Manual Roll Filter, Add	2,306.04	
	15MOD-0511		For Automatic Roll Filter, Add	2,306.04	
	15MOD-0512		For Hot Water Heating Coil, Aluminum Fins, Add	546.77	
	15MOD-0513		For Electric Heating Coil, Add	624.96	
	15MOD-0514		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,915.09	
	15MOD-0515		For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,915.09	
	15MOD-0516		For Chilled Water Cooling Coil, Copper Fins, Add	2,306.04	
	15MOD-0517		For Direct Expansion Cooling Coil, Copper Fins, Add	2,306.04	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	624.96	
15834-0053	EA		1600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	6,726.78	1,160.83
	15MOD-0498		For Economizer, Panel, Controls And Damper(s), Add	1,800.74	
	15MOD-0507		For Flat Filter Box And Throwaway Filters, Add	589.77	
	15MOD-0508		For Medium Capacity Filter Box And Throwaway Filters, Add	1,129.79	
	15MOD-0509		For Combination Filter Mixing Box And Throwaway Filters, Add	1,432.97	
	15MOD-0510		For Manual Roll Filter, Add	2,953.54	
	15MOD-0511		For Automatic Roll Filter, Add	2,953.54	
	15MOD-0512		For Hot Water Heating Coil, Aluminum Fins, Add	672.68	
	15MOD-0513		For Electric Heating Coil, Add	774.05	
	15MOD-0514		For Chilled Water Cooling Coil, Aluminum Fins, Add	2,446.68	
	15MOD-0515		For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,446.68	
	15MOD-0516		For Chilled Water Cooling Coil, Copper Fins, Add	2,953.54	
	15MOD-0517		For Direct Expansion Cooling Coil, Copper Fins, Add	2,953.54	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	774.05	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0054	EA 2000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,001.09	1,243.07
	15MOD-0498 For Economizer, Panel, Controls And Damper(s), Add	1,882.74	
	15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	611.34	
	15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,169.42	
	15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	1,483.97	
	15MOD-0510 For Manual Roll Filter, Add	3,051.70	
	15MOD-0511 For Automatic Roll Filter, Add	3,051.70	
	15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	700.11	
	15MOD-0513 For Electric Heating Coil, Add	804.62	
	15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	2,529.12	
	15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,529.12	
	15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	3,051.70	
	15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	3,051.70	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	804.62	
15834-0055	EA 2500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,170.70	1,332.56
	15MOD-0498 For Economizer, Panel, Controls And Damper(s), Add	1,972.61	
	15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	721.88	
	15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,386.66	
	15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	1,757.12	
	15MOD-0510 For Manual Roll Filter, Add	3,637.21	
	15MOD-0511 For Automatic Roll Filter, Add	3,637.21	
	15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	817.07	
	15MOD-0513 For Electric Heating Coil, Add	942.41	
	15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	3,010.51	
	15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,010.51	
	15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	3,637.21	
	15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	3,637.21	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	942.41	
15834-0056	EA 3000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,619.81	1,427.03
	15MOD-0498 For Economizer, Panel, Controls And Damper(s), Add	2,066.96	
	15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	760.06	
	15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,458.96	
	15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	1,849.18	
	15MOD-0510 For Manual Roll Filter, Add	3,823.57	
	15MOD-0511 For Automatic Roll Filter, Add	3,823.57	
	15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	861.98	
	15MOD-0513 For Electric Heating Coil, Add	993.61	
	15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	3,165.44	
	15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,165.44	
	15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	3,823.57	
	15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	3,823.57	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	993.61	
15834-0057	EA 3500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,091.82	1,523.71
	15MOD-0498 For Economizer, Panel, Controls And Damper(s), Add	2,163.59	
	15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	800.35	
	15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,535.41	
	15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	1,946.47	
	15MOD-0510 For Manual Roll Filter, Add	4,021.05	
	15MOD-0511 For Automatic Roll Filter, Add	4,021.05	
	15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	909.18	
	15MOD-0513 For Electric Heating Coil, Add	1,047.49	
	15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	3,329.53	
	15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,329.53	
	15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	4,021.05	
	15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	4,021.05	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	1,047.49	
15834-0058	EA 4000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,130.03	1,635.04
	15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,031.89	
	15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	896.47	
	15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,723.02	
	15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	2,182.90	
	15MOD-0510 For Manual Roll Filter, Add	4,522.70	
	15MOD-0511 For Automatic Roll Filter, Add	4,522.70	
	15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,013.00	
	15MOD-0513 For Electric Heating Coil, Add	1,168.99	
	15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	3,742.77	
	15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,742.77	
	15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	4,522.70	
	15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	4,522.70	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	1,168.99	
15834-0059	EA 4500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,067.06	1,750.99
	15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,125.85	
	15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	981.63	
	15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,888.21	
	15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	2,391.53	
	15MOD-0510 For Manual Roll Filter, Add	4,961.19	
	15MOD-0511 For Automatic Roll Filter, Add	4,961.19	
	15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,106.71	
	15MOD-0513 For Electric Heating Coil, Add	1,278.02	
	15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	4,104.63	
	15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,104.63	
	15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	4,961.19	
	15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	4,961.19	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	1,278.02	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0060 EA 5000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,702.60	1,870.13
15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,216.07	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	1,036.98	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	1,993.99	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	2,525.81	
15MOD-0510 For Manual Roll Filter, Add	5,236.91	
15MOD-0511 For Automatic Roll Filter, Add	5,236.91	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,170.26	
15MOD-0513 For Electric Heating Coil, Add	1,351.00	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	4,333.21	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,333.21	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	5,236.91	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	5,236.91	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,351.00	
15834-0061 EA 5500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,894.54	1,997.98
15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,320.58	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	1,146.67	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	2,207.68	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	2,795.30	
15MOD-0510 For Manual Roll Filter, Add	5,806.98	
15MOD-0511 For Automatic Roll Filter, Add	5,806.98	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,289.45	
15MOD-0513 For Electric Heating Coil, Add	1,490.23	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	4,803.08	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,803.08	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	5,806.98	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	5,806.98	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,490.23	
15834-0062 EA 6000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,721.99	2,138.26
15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,429.91	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	1,219.48	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	2,347.33	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	2,972.34	
15MOD-0510 For Manual Roll Filter, Add	6,172.62	
15MOD-0511 For Automatic Roll Filter, Add	6,172.62	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,372.20	
15MOD-0513 For Electric Heating Coil, Add	1,585.55	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	5,105.86	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,105.86	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	6,172.62	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	6,172.62	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,585.55	
15834-0063 EA 6500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,042.86	2,321.94
15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,572.92	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	1,338.57	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	2,577.70	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	3,263.56	
15MOD-0510 For Manual Roll Filter, Add	6,782.09	
15MOD-0511 For Automatic Roll Filter, Add	6,782.09	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,504.29	
15MOD-0513 For Electric Heating Coil, Add	1,738.86	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	5,609.25	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,609.25	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	6,782.09	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	6,782.09	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,738.86	
15834-0064 EA 7000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,164.21	2,500.99
15MOD-0499 For Economizer, Panel, Controls And Damper(s), Add	2,714.24	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	1,437.85	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	2,768.57	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	3,505.35	
15MOD-0510 For Manual Roll Filter, Add	7,283.21	
15MOD-0511 For Automatic Roll Filter, Add	7,283.21	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,616.42	
15MOD-0513 For Electric Heating Coil, Add	1,868.28	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	6,023.93	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,023.93	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	7,283.21	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	7,283.21	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,868.28	
15834-0065 EA 7500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,978.56	2,704.09
15MOD-0500 For Economizer, Panel, Controls And Damper(s), Add	2,482.10	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	1,505.09	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	2,894.53	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	3,666.35	
15MOD-0510 For Manual Roll Filter, Add	7,603.34	
15MOD-0511 For Automatic Roll Filter, Add	7,603.34	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	1,697.86	
15MOD-0513 For Electric Heating Coil, Add	1,960.32	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	6,291.01	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,291.01	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	7,603.34	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	7,603.34	
15MOD-0530 For 2 Coils, Independent Circuits, Add	1,960.32	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0066	EA	8000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	18,824.93	2,916.81
	15MOD-0500	For Economizer, Panel, Controls And Damper(s), Add	2,607.70	
	15MOD-0507	For Flat Filter Box And Throwaway Filters, Add	1,674.03	
	15MOD-0508	For Medium Capacity Filter Box And Throwaway Filters, Add	3,222.98	
	15MOD-0509	For Combination Filter Mixing Box And Throwaway Filters, Add	4,080.84	
	15MOD-0510	For Manual Roll Filter, Add	8,477.54	
	15MOD-0511	For Automatic Roll Filter, Add	8,477.54	
	15MOD-0512	For Hot Water Heating Coil, Aluminum Fins, Add	1,882.49	
	15MOD-0513	For Electric Heating Coil, Add	2,175.61	
	15MOD-0514	For Chilled Water Cooling Coil, Aluminum Fins, Add	7,011.98	
	15MOD-0515	For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,011.98	
	15MOD-0516	For Chilled Water Cooling Coil, Copper Fins, Add	8,477.54	
	15MOD-0517	For Direct Expansion Cooling Coil, Copper Fins, Add	8,477.54	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,175.61	
15834-0067	EA	8500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,837.92	3,144.15
	15MOD-0500	For Economizer, Panel, Controls And Damper(s), Add	2,737.86	
	15MOD-0507	For Flat Filter Box And Throwaway Filters, Add	1,759.06	
	15MOD-0508	For Medium Capacity Filter Box And Throwaway Filters, Add	3,383.28	
	15MOD-0509	For Combination Filter Mixing Box And Throwaway Filters, Add	4,285.28	
	15MOD-0510	For Manual Roll Filter, Add	8,888.26	
	15MOD-0511	For Automatic Roll Filter, Add	8,888.26	
	15MOD-0512	For Hot Water Heating Coil, Aluminum Fins, Add	1,983.79	
	15MOD-0513	For Electric Heating Coil, Add	2,290.66	
	15MOD-0514	For Chilled Water Cooling Coil, Aluminum Fins, Add	7,353.93	
	15MOD-0515	For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,353.93	
	15MOD-0516	For Chilled Water Cooling Coil, Copper Fins, Add	8,888.26	
	15MOD-0517	For Direct Expansion Cooling Coil, Copper Fins, Add	8,888.26	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,290.66	
15834-0068	EA	9000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,958.96	3,405.52
	15MOD-0500	For Economizer, Panel, Controls And Damper(s), Add	2,879.80	
	15MOD-0507	For Flat Filter Box And Throwaway Filters, Add	1,853.42	
	15MOD-0508	For Medium Capacity Filter Box And Throwaway Filters, Add	3,561.36	
	15MOD-0509	For Combination Filter Mixing Box And Throwaway Filters, Add	4,512.31	
	15MOD-0510	For Manual Roll Filter, Add	9,345.15	
	15MOD-0511	For Automatic Roll Filter, Add	9,345.15	
	15MOD-0512	For Hot Water Heating Coil, Aluminum Fins, Add	2,095.90	
	15MOD-0513	For Electric Heating Coil, Add	2,418.09	
	15MOD-0514	For Chilled Water Cooling Coil, Aluminum Fins, Add	7,734.20	
	15MOD-0515	For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,734.20	
	15MOD-0516	For Chilled Water Cooling Coil, Copper Fins, Add	9,345.15	
	15MOD-0517	For Direct Expansion Cooling Coil, Copper Fins, Add	9,345.15	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,418.09	
15834-0069	EA	10000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,170.08	3,676.20
	15MOD-0501	For Economizer, Panel, Controls And Damper(s), Add	2,756.55	
	15MOD-0507	For Flat Filter Box And Throwaway Filters, Add	1,954.25	
	15MOD-0508	For Medium Capacity Filter Box And Throwaway Filters, Add	3,750.85	
	15MOD-0509	For Combination Filter Mixing Box And Throwaway Filters, Add	4,754.25	
	15MOD-0510	For Manual Roll Filter, Add	9,828.72	
	15MOD-0511	For Automatic Roll Filter, Add	9,828.72	
	15MOD-0512	For Hot Water Heating Coil, Aluminum Fins, Add	2,217.01	
	15MOD-0513	For Electric Heating Coil, Add	2,555.31	
	15MOD-0514	For Chilled Water Cooling Coil, Aluminum Fins, Add	8,137.23	
	15MOD-0515	For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,137.23	
	15MOD-0516	For Chilled Water Cooling Coil, Copper Fins, Add	9,828.72	
	15MOD-0517	For Direct Expansion Cooling Coil, Copper Fins, Add	9,828.72	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,555.31	
15834-0070	EA	11500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,899.61	3,884.45
	15MOD-0501	For Economizer, Panel, Controls And Damper(s), Add	2,848.69	
	15MOD-0507	For Flat Filter Box And Throwaway Filters, Add	2,011.85	
	15MOD-0508	For Medium Capacity Filter Box And Throwaway Filters, Add	3,856.82	
	15MOD-0509	For Combination Filter Mixing Box And Throwaway Filters, Add	4,890.56	
	15MOD-0510	For Manual Roll Filter, Add	10,091.75	
	15MOD-0511	For Automatic Roll Filter, Add	10,091.75	
	15MOD-0512	For Hot Water Heating Coil, Aluminum Fins, Add	2,289.96	
	15MOD-0513	For Electric Heating Coil, Add	2,636.71	
	15MOD-0514	For Chilled Water Cooling Coil, Aluminum Fins, Add	8,358.02	
	15MOD-0515	For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,358.02	
	15MOD-0516	For Chilled Water Cooling Coil, Copper Fins, Add	10,091.75	
	15MOD-0517	For Direct Expansion Cooling Coil, Copper Fins, Add	10,091.75	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,636.71	
15834-0071	EA	12500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,503.70	4,023.08
	15MOD-0501	For Economizer, Panel, Controls And Damper(s), Add	2,903.21	
	15MOD-0507	For Flat Filter Box And Throwaway Filters, Add	2,063.17	
	15MOD-0508	For Medium Capacity Filter Box And Throwaway Filters, Add	3,954.02	
	15MOD-0509	For Combination Filter Mixing Box And Throwaway Filters, Add	5,014.32	
	15MOD-0510	For Manual Roll Filter, Add	10,342.23	
	15MOD-0511	For Automatic Roll Filter, Add	10,342.23	
	15MOD-0512	For Hot Water Heating Coil, Aluminum Fins, Add	2,350.37	
	15MOD-0513	For Electric Heating Coil, Add	2,705.56	
	15MOD-0514	For Chilled Water Cooling Coil, Aluminum Fins, Add	8,566.26	
	15MOD-0515	For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,566.26	
	15MOD-0516	For Chilled Water Cooling Coil, Copper Fins, Add	10,342.23	
	15MOD-0517	For Direct Expansion Cooling Coil, Copper Fins, Add	10,342.23	
	15MOD-0530	For 2 Coils, Independent Circuits, Add	2,705.56	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0072 EA 13500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,504.31	4,184.78
15MOD-0502 For Economizer, Panel, Controls And Damper(s), Add	2,598.85	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	2,350.72	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	4,521.61	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	5,726.94	
15MOD-0510 For Manual Roll Filter, Add	11,879.96	
15MOD-0511 For Automatic Roll Filter, Add	11,879.96	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	2,650.43	
15MOD-0513 For Electric Heating Coil, Add	3,060.63	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	9,828.96	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,828.96	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	11,879.96	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	11,879.96	
15MOD-0530 For 2 Coils, Independent Circuits, Add	3,060.63	
15834-0073 EA 15000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,478.46	4,350.55
15MOD-0503 For Economizer, Panel, Controls And Damper(s), Add	2,823.15	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	2,636.95	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	5,087.35	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	6,436.92	
15MOD-0510 For Manual Roll Filter, Add	13,415.06	
15MOD-0511 For Automatic Roll Filter, Add	13,415.06	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	2,947.85	
15MOD-0513 For Electric Heating Coil, Add	3,413.06	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	11,089.01	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,089.01	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	13,415.06	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	13,415.06	
15MOD-0530 For 2 Coils, Independent Circuits, Add	3,413.06	
15834-0074 EA 16500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	33,802.53	4,514.63
15MOD-0503 For Economizer, Panel, Controls And Damper(s), Add	2,863.04	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	3,057.96	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	5,922.53	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	7,483.74	
15MOD-0510 For Manual Roll Filter, Add	15,690.72	
15MOD-0511 For Automatic Roll Filter, Add	15,690.72	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	3,380.25	
15MOD-0513 For Electric Heating Coil, Add	3,927.38	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	12,955.06	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	12,955.06	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	15,690.72	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	15,690.72	
15MOD-0530 For 2 Coils, Independent Circuits, Add	3,927.38	
15834-0075 EA 17500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,129.83	4,677.10
15MOD-0503 For Economizer, Panel, Controls And Damper(s), Add	2,903.50	
15MOD-0507 For Flat Filter Box And Throwaway Filters, Add	3,479.13	
15MOD-0508 For Medium Capacity Filter Box And Throwaway Filters, Add	6,757.94	
15MOD-0509 For Combination Filter Mixing Box And Throwaway Filters, Add	8,530.89	
15MOD-0510 For Manual Roll Filter, Add	17,966.70	
15MOD-0511 For Automatic Roll Filter, Add	17,966.70	
15MOD-0512 For Hot Water Heating Coil, Aluminum Fins, Add	3,812.98	
15MOD-0513 For Electric Heating Coil, Add	4,442.04	
15MOD-0514 For Chilled Water Cooling Coil, Aluminum Fins, Add	14,821.43	
15MOD-0515 For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,821.43	
15MOD-0516 For Chilled Water Cooling Coil, Copper Fins, Add	17,966.70	
15MOD-0517 For Direct Expansion Cooling Coil, Copper Fins, Add	17,966.70	
15MOD-0530 For 2 Coils, Independent Circuits, Add	4,442.04	
15834-0076 EA 20000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	42,781.47	5,070.97
15MOD-0503 For Economizer, Panel, Controls And Damper(s), Add	3,002.43	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	3,916.02	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	5,837.82	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	9,609.00	
15MOD-0521 For Manual Roll Filter, Add	14,939.85	
15MOD-0522 For Automatic Roll Filter, Add	18,493.75	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	4,278.15	
15MOD-0524 For Electric Heating Coil, Add	4,988.93	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	14,939.85	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,939.85	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	7,832.05	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	18,493.75	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	18,493.75	
15MOD-0530 For 2 Coils, Independent Circuits, Add	4,988.93	
15834-0077 EA 22500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	46,143.11	5,514.06
15MOD-0504 For Economizer, Panel, Controls And Damper(s), Add	2,940.11	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	4,222.61	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	6,294.74	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	10,360.67	
15MOD-0521 For Manual Roll Filter, Add	16,107.03	
15MOD-0522 For Automatic Roll Filter, Add	19,937.93	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	4,614.31	
15MOD-0524 For Electric Heating Coil, Add	5,380.49	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	16,107.03	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	16,107.03	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	8,445.22	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	19,937.93	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	19,937.93	
15MOD-0530 For 2 Coils, Independent Circuits, Add	5,380.49	



Mechanical 15000	15
Air Distribution 15800	
Air Handling Units 15834	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0078 EA 25000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	54,950.30	5,956.94
15MOD-0504 For Economizer, Panel, Controls And Damper(s), Add	3,041.19	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	5,069.63	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	7,561.91	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	12,461.38	
15MOD-0521 For Manual Roll Filter, Add	19,427.74	
15MOD-0522 For Automatic Roll Filter, Add	24,071.97	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	5,495.03	
15MOD-0524 For Electric Heating Coil, Add	6,423.88	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	19,427.74	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	19,427.74	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	10,139.27	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	24,071.97	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	24,071.97	
15MOD-0530 For 2 Coils, Independent Circuits, Add	6,423.88	
15834-0079 EA 27500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	62,066.95	6,449.48
15MOD-0504 For Economizer, Panel, Controls And Damper(s), Add	3,145.07	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	5,746.67	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	8,574.01	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	14,136.67	
15MOD-0521 For Manual Roll Filter, Add	22,066.64	
15MOD-0522 For Automatic Roll Filter, Add	27,353.29	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	6,206.70	
15MOD-0524 For Electric Heating Coil, Add	7,264.02	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	22,066.64	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	22,066.64	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	11,493.34	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	27,353.29	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	27,353.29	
15MOD-0530 For 2 Coils, Independent Circuits, Add	7,264.02	
15834-0080 EA 30000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	67,267.20	6,942.02
15MOD-0504 For Economizer, Panel, Controls And Damper(s), Add	3,253.23	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	6,230.65	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	9,296.36	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	15,328.58	
15MOD-0521 For Manual Roll Filter, Add	23,930.43	
15MOD-0522 For Automatic Roll Filter, Add	29,665.00	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	6,726.72	
15MOD-0524 For Electric Heating Coil, Add	7,873.63	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	23,930.43	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	23,930.43	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	12,461.29	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	29,665.00	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	29,665.00	
15MOD-0530 For 2 Coils, Independent Circuits, Add	7,873.63	
15834-0081 EA 32500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	75,245.21	8,123.18
15MOD-0505 For Economizer, Panel, Controls And Damper(s), Add	3,279.16	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	6,944.86	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	10,359.32	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	17,072.32	
15MOD-0521 For Manual Roll Filter, Add	26,620.11	
15MOD-0522 For Automatic Roll Filter, Add	32,985.31	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	7,524.52	
15MOD-0524 For Electric Heating Coil, Add	8,797.56	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	26,620.11	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,620.11	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	13,889.72	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	32,985.31	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	32,985.31	
15MOD-0530 For 2 Coils, Independent Circuits, Add	8,797.56	
15834-0082 EA 35000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	75,245.21	8,123.39
15MOD-0505 For Economizer, Panel, Controls And Damper(s), Add	3,279.16	
15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	6,944.86	
15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	10,359.32	
15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	17,072.32	
15MOD-0521 For Manual Roll Filter, Add	26,620.11	
15MOD-0522 For Automatic Roll Filter, Add	32,985.31	
15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	7,524.52	
15MOD-0524 For Electric Heating Coil, Add	8,797.56	
15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	26,620.11	
15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,620.11	
15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	13,889.72	
15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	32,985.31	
15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	32,985.31	
15MOD-0530 For 2 Coils, Independent Circuits, Add	8,797.56	

15000 Mechanical
15800 Air Distribution
15834 Air Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15834-0083	EA		37500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	79,137.86	8,713.90
	15MOD-0505		For Economizer, Panel, Controls And Damper(s), Add	3,387.56	
	15MOD-0518		For Flat Filter Box And Throwaway Filters, Add	7,290.76	
	15MOD-0519		For Medium Capacity Filter Box And Throwaway Filters, Add	10,873.84	
	15MOD-0520		For Combination Filter Mixing Box And Throwaway Filters, Add	17,915.39	
	15MOD-0521		For Manual Roll Filter, Add	27,917.00	
	15MOD-0522		For Automatic Roll Filter, Add	34,584.74	
	15MOD-0523		For Hot Water Heating Coil, Aluminum Fins, Add	7,913.79	
	15MOD-0524		For Electric Heating Coil, Add	9,247.33	
	15MOD-0525		For Chilled Water Cooling Coil, Aluminum Fins, Add	27,917.00	
	15MOD-0526		For Direct Expansion Cooling Coil, Aluminum Fins, Add	27,917.00	
	15MOD-0527		For Steam Heating Coil, Aluminum Fins, Add	14,581.53	
	15MOD-0528		For Chilled Water Cooling Coil, Copper Fins, Add	34,584.74	
	15MOD-0529		For Direct Expansion Cooling Coil, Copper Fins, Add	34,584.74	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	9,247.33	
15834-0084	EA		40000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	82,840.96	9,354.20
	15MOD-0505		For Economizer, Panel, Controls And Damper(s), Add	3,499.28	
	15MOD-0518		For Flat Filter Box And Throwaway Filters, Add	7,616.38	
	15MOD-0519		For Medium Capacity Filter Box And Throwaway Filters, Add	11,357.80	
	15MOD-0520		For Combination Filter Mixing Box And Throwaway Filters, Add	18,707.10	
	15MOD-0521		For Manual Roll Filter, Add	29,130.11	
	15MOD-0522		For Automatic Roll Filter, Add	36,078.78	
	15MOD-0523		For Hot Water Heating Coil, Aluminum Fins, Add	8,284.10	
	15MOD-0524		For Electric Heating Coil, Add	9,673.83	
	15MOD-0525		For Chilled Water Cooling Coil, Aluminum Fins, Add	29,130.11	
	15MOD-0526		For Direct Expansion Cooling Coil, Aluminum Fins, Add	29,130.11	
	15MOD-0527		For Steam Heating Coil, Aluminum Fins, Add	15,232.77	
	15MOD-0528		For Chilled Water Cooling Coil, Copper Fins, Add	36,078.78	
	15MOD-0529		For Direct Expansion Cooling Coil, Copper Fins, Add	36,078.78	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	9,673.83	
15834-0085	EA		45000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	89,227.48	9,846.54
	15MOD-0505		For Economizer, Panel, Controls And Damper(s), Add	3,580.53	
	15MOD-0518		For Flat Filter Box And Throwaway Filters, Add	8,222.54	
	15MOD-0519		For Medium Capacity Filter Box And Throwaway Filters, Add	12,263.78	
	15MOD-0520		For Combination Filter Mixing Box And Throwaway Filters, Add	20,206.24	
	15MOD-0521		For Manual Roll Filter, Add	31,489.72	
	15MOD-0522		For Automatic Roll Filter, Add	39,012.05	
	15MOD-0523		For Hot Water Heating Coil, Aluminum Fins, Add	8,922.75	
	15MOD-0524		For Electric Heating Coil, Add	10,427.21	
	15MOD-0525		For Chilled Water Cooling Coil, Aluminum Fins, Add	31,489.72	
	15MOD-0526		For Direct Expansion Cooling Coil, Aluminum Fins, Add	31,489.72	
	15MOD-0527		For Steam Heating Coil, Aluminum Fins, Add	16,445.07	
	15MOD-0528		For Chilled Water Cooling Coil, Copper Fins, Add	39,012.05	
	15MOD-0529		For Direct Expansion Cooling Coil, Copper Fins, Add	39,012.05	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	10,427.21	
15834-0086	EA		50000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	95,897.32	10,388.09
	15MOD-0506		For Economizer, Panel, Controls And Damper(s), Add	3,385.90	
	15MOD-0518		For Flat Filter Box And Throwaway Filters, Add	8,846.78	
	15MOD-0519		For Medium Capacity Filter Box And Throwaway Filters, Add	13,195.88	
	15MOD-0520		For Combination Filter Mixing Box And Throwaway Filters, Add	21,745.49	
	15MOD-0521		For Manual Roll Filter, Add	33,901.24	
	15MOD-0522		For Automatic Roll Filter, Add	42,005.08	
	15MOD-0523		For Hot Water Heating Coil, Aluminum Fins, Add	9,589.73	
	15MOD-0524		For Electric Heating Coil, Add	11,210.50	
	15MOD-0525		For Chilled Water Cooling Coil, Aluminum Fins, Add	33,901.24	
	15MOD-0526		For Direct Expansion Cooling Coil, Aluminum Fins, Add	33,901.24	
	15MOD-0527		For Steam Heating Coil, Aluminum Fins, Add	17,693.57	
	15MOD-0528		For Chilled Water Cooling Coil, Copper Fins, Add	42,005.08	
	15MOD-0529		For Direct Expansion Cooling Coil, Copper Fins, Add	42,005.08	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	11,210.50	
15834-0087	EA		55000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	103,267.49	11,028.11
	15MOD-0506		For Economizer, Panel, Controls And Damper(s), Add	3,474.61	
	15MOD-0518		For Flat Filter Box And Throwaway Filters, Add	9,539.45	
	15MOD-0519		For Medium Capacity Filter Box And Throwaway Filters, Add	14,230.44	
	15MOD-0520		For Combination Filter Mixing Box And Throwaway Filters, Add	23,454.97	
	15MOD-0521		For Manual Roll Filter, Add	36,583.18	
	15MOD-0522		For Automatic Roll Filter, Add	45,335.33	
	15MOD-0523		For Hot Water Heating Coil, Aluminum Fins, Add	10,326.75	
	15MOD-0524		For Electric Heating Coil, Add	12,077.18	
	15MOD-0525		For Chilled Water Cooling Coil, Aluminum Fins, Add	36,583.18	
	15MOD-0526		For Direct Expansion Cooling Coil, Aluminum Fins, Add	36,583.18	
	15MOD-0527		For Steam Heating Coil, Aluminum Fins, Add	19,078.89	
	15MOD-0528		For Chilled Water Cooling Coil, Copper Fins, Add	45,335.33	
	15MOD-0529		For Direct Expansion Cooling Coil, Copper Fins, Add	45,335.33	
	15MOD-0530		For 2 Coils, Independent Circuits, Add	12,077.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15834-0088	EA 60000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	110,682.68	11,323.51
	15MOD-0506 For Economizer, Panel, Controls And Damper(s), Add	3,514.77	
	15MOD-0518 For Flat Filter Box And Throwaway Filters, Add	10,260.88	
	15MOD-0519 For Medium Capacity Filter Box And Throwaway Filters, Add	15,310.58	
	15MOD-0520 For Combination Filter Mixing Box And Throwaway Filters, Add	25,248.51	
	15MOD-0521 For Manual Roll Filter, Add	39,428.75	
	15MOD-0522 For Automatic Roll Filter, Add	48,882.24	
	15MOD-0523 For Hot Water Heating Coil, Aluminum Fins, Add	11,068.27	
	15MOD-0524 For Electric Heating Coil, Add	12,958.97	
	15MOD-0525 For Chilled Water Cooling Coil, Aluminum Fins, Add	39,428.75	
	15MOD-0526 For Direct Expansion Cooling Coil, Aluminum Fins, Add	39,428.75	
	15MOD-0527 For Steam Heating Coil, Aluminum Fins, Add	20,521.76	
	15MOD-0528 For Chilled Water Cooling Coil, Copper Fins, Add	48,882.24	
	15MOD-0529 For Direct Expansion Cooling Coil, Copper Fins, Add	48,882.24	
	15MOD-0530 For 2 Coils, Independent Circuits, Add	12,958.97	

15834-0089 Return/Supply Air Fan (15834-0001)

Note: Includes vibration mounts

15834-0090	EA 300 CFM Return Air Fan.....	1,898.03	386.92
15834-0091	EA 500 CFM Return Air Fan.....	2,455.70	464.32
15834-0092	EA 750 CFM Return Air Fan.....	2,564.86	483.67
15834-0093	EA 1000 CFM Return Air Fan.....	2,921.83	512.70
15834-0094	EA 1250 CFM Return Air Fan.....	3,012.04	536.88
15834-0095	EA 1500 CFM Return Air Fan.....	3,083.63	561.06
15834-0096	EA 1750 CFM Return Air Fan.....	3,236.51	590.09
15834-0097	EA 2000 CFM Return Air Fan.....	3,593.47	619.11
15834-0098	EA 2250 CFM Return Air Fan.....	3,764.83	648.14
15834-0099	EA 2500 CFM Return Air Fan.....	3,861.99	677.16
15834-0100	EA 3000 CFM Return Air Fan.....	4,095.33	749.73
15834-0101	EA 3500 CFM Return Air Fan.....	4,206.41	788.42
15834-0102	EA 4000 CFM Return Air Fan.....	4,310.44	822.28
15834-0103	EA 4500 CFM Return Air Fan.....	4,440.06	861.05
15834-0104	EA 5000 CFM Return Air Fan.....	4,557.85	904.59
15834-0105	EA 5500 CFM Return Air Fan.....	4,783.97	1,011.01
15834-0106	EA 6000 CFM Return Air Fan.....	5,443.11	1,199.67
15834-0107	EA 6500 CFM Return Air Fan.....	5,582.52	1,219.02
15834-0108	EA 7000 CFM Return Air Fan.....	5,644.79	1,223.86
15834-0109	EA 8000 CFM Return Air Fan.....	5,932.64	1,243.20
15834-0110	EA 9000 CFM Return Air Fan.....	6,062.43	1,257.72
15834-0111	EA 10000 CFM Return Air Fan.....	6,375.14	1,306.30
15834-0112	EA 12500 CFM Return Air Fan.....	6,779.57	1,330.21
15834-0113	EA 15000 CFM Return Air Fan.....	7,632.49	1,368.01
15834-0114	EA 17500 CFM Return Air Fan.....	8,312.55	1,441.47
15834-0115	EA 20000 CFM Return Air Fan.....	9,849.48	1,504.22
15834-0116	EA 22500 CFM Return Air Fan.....	10,318.86	1,556.67
15834-0117	EA 25000 CFM Return Air Fan.....	10,782.32	1,601.18
15834-0118	EA 27500 CFM Return Air Fan.....	11,439.80	1,760.81
15834-0119	EA 30000 CFM Return Air Fan.....	12,226.79	1,857.42
15834-0120	EA 35000 CFM Return Air Fan.....	13,766.87	1,934.74
15834-0121	EA 40000 CFM Return Air Fan.....	16,195.90	2,128.24
15834-0122	EA 45000 CFM Return Air Fan.....	19,894.33	2,418.48
15834-0123	EA 50000 CFM Return Air Fan.....	24,138.69	2,505.76
15834-0124	EA 55000 CFM Return Air Fan.....	25,259.30	2,578.11
15834-0125	EA 60000 CFM Return Air Fan.....	25,842.41	2,645.84
15834-0126	EA 65000 CFM Return Air Fan.....	27,098.94	2,761.87
15834-0127	EA 70000 CFM Return Air Fan.....	28,462.66	2,897.87
15834-0128	EA 75000 CFM Return Air Fan.....	30,600.50	3,040.02
15834-0129	EA 80000 CFM Return Air Fan.....	31,962.58	3,201.17
15834-0130	EA 90000 CFM Return Air Fan.....	33,016.44	3,383.47
15834-0131	EA 100000 CFM Return Air Fan.....	35,482.37	3,538.33
15834-0132	EA 115000 CFM Return Air Fan.....	38,154.99	3,707.57
15834-0133	EA 130000 CFM Return Air Fan.....	41,056.06	3,894.37
15834-0134	EA 150000 CFM Return Air Fan.....	44,894.52	4,101.82

15834-0135 Removal And Reinstallation Of Air Handling Unit (15834)

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

15834-0136	EA Remove And Reinstall Air Handling Unit Up To 11500 CFM	1,771.93
15834-0137	EA Remove And Reinstall Air Handling Unit, 11501 To 16500 CFM.....	2,403.66
15834-0138	EA Remove And Reinstall Air Handling Unit, 16501 To 22000 CFM.....	3,043.22
15834-0139	EA Remove And Reinstall Air Handling Unit, Over 22000 CFM.....	5,552.56

15840 Ductwork (15800)

Note: Includes sealing requirements called for by SMACNA. Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05410-0002 for angle iron, 05501-0000 for anchor bolts, 15094-0000 for threaded rod.

15840-0001 Steel Sheet Metal Duct (15840)

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

15000 Mechanical
15800 Air Distribution
15840 Ductwork



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0002 Welded Steel Ductwork <small>(15840-0001)</small> Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
15840-0003 Galvanized Steel Welded Duct, For Kitchen <small>(15840-0002)</small> Note: Also includes special exhaust systems and waste.		
15840-0004 LB Galvanized Steel Welded Duct	17.09	6.61
15MOD-0537 For PVC Coated, Inside And Outside, Add	2.85	
15MOD-0556 For Work In Restricted Working Space, Add	3.97	
15840-0005 Black Steel Ductwork <small>(15840-0002)</small>		
15840-0006 LB Black Steel Ductwork	14.48	6.81
15MOD-0537 For PVC Coated, Inside And Outside, Add	0.64	
15MOD-0556 For Work In Restricted Working Space, Add	4.09	
15840-0007 Factory Fabricated Field Installed Low Pressure Round Duct <small>(15840-0001)</small> Note: Based on 26 gauge.		
15840-0008 Round Duct <small>(15840-0007)</small> Note: Includes straps and supports.		
15840-0009 LF 4" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	4.78	1.66
15MOD-0531 For 28 Gauge, Deduct	-0.19	
15MOD-0532 For 24 Gauge, Add	0.19	
15MOD-0533 For 22 Gauge, Add	0.38	
15MOD-0534 For 20 Gauge, Add	0.57	
15MOD-0535 For 18 Gauge, Add	0.76	
15MOD-0536 For 16 Gauge, Add	0.93	
15MOD-0537 For PVC Coated, Inside And Outside, Add	1.02	
15MOD-0538 For Acid Resistant Asphaltum Coating, Add	3.76	
15MOD-0556 For Work In Restricted Working Space, Add	1.02	
15840-0010 LF 5" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	5.54	1.88
15MOD-0531 For 28 Gauge, Deduct	-0.25	
15MOD-0532 For 24 Gauge, Add	0.24	
15MOD-0533 For 22 Gauge, Add	0.49	
15MOD-0534 For 20 Gauge, Add	0.73	
15MOD-0535 For 18 Gauge, Add	0.97	
15MOD-0536 For 16 Gauge, Add	1.19	
15MOD-0537 For PVC Coated, Inside And Outside, Add	1.31	
15MOD-0539 For Acid Resistant Asphaltum Coating, Add	4.20	
15MOD-0556 For Work In Restricted Working Space, Add	1.13	
15840-0011 LF 6" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	6.26	2.26
15MOD-0531 For 28 Gauge, Deduct	-0.28	
15MOD-0532 For 24 Gauge, Add	0.28	
15MOD-0533 For 22 Gauge, Add	0.56	
15MOD-0534 For 20 Gauge, Add	0.84	
15MOD-0535 For 18 Gauge, Add	1.11	
15MOD-0536 For 16 Gauge, Add	1.36	
15MOD-0537 For PVC Coated, Inside And Outside, Add	1.49	
15MOD-0540 For Acid Resistant Asphaltum Coating, Add	4.64	
15MOD-0556 For Work In Restricted Working Space, Add	1.27	
15840-0012 LF 7" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	7.23	2.64
15MOD-0531 For 28 Gauge, Deduct	-0.33	
15MOD-0532 For 24 Gauge, Add	0.33	
15MOD-0533 For 22 Gauge, Add	0.66	
15MOD-0534 For 20 Gauge, Add	0.99	
15MOD-0535 For 18 Gauge, Add	1.31	
15MOD-0536 For 16 Gauge, Add	1.61	
15MOD-0537 For PVC Coated, Inside And Outside, Add	1.76	
15MOD-0541 For Acid Resistant Asphaltum Coating, Add	5.08	
15MOD-0556 For Work In Restricted Working Space, Add	1.46	
15840-0013 LF 8" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	8.30	3.01
15MOD-0531 For 28 Gauge, Deduct	-0.37	
15MOD-0532 For 24 Gauge, Add	0.37	
15MOD-0533 For 22 Gauge, Add	0.73	
15MOD-0534 For 20 Gauge, Add	1.10	
15MOD-0535 For 18 Gauge, Add	1.46	
15MOD-0536 For 16 Gauge, Add	1.79	
15MOD-0537 For PVC Coated, Inside And Outside, Add	1.96	
15MOD-0542 For Acid Resistant Asphaltum Coating, Add	5.52	
15MOD-0556 For Work In Restricted Working Space, Add	1.70	
15840-0014 LF 10" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure	10.04	3.77
15MOD-0531 For 28 Gauge, Deduct	-0.45	
15MOD-0532 For 24 Gauge, Add	0.45	
15MOD-0533 For 22 Gauge, Add	0.90	
15MOD-0534 For 20 Gauge, Add	1.35	
15MOD-0535 For 18 Gauge, Add	1.79	
15MOD-0536 For 16 Gauge, Add	2.20	
15MOD-0537 For PVC Coated, Inside And Outside, Add	2.41	
15MOD-0543 For Acid Resistant Asphaltum Coating, Add	6.40	
15MOD-0556 For Work In Restricted Working Space, Add	2.03	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0015	LF 12" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure.....	12.48	5.05
	15MOD-0531 For 28 Gauge, Deduct	-0.56	
	15MOD-0532 For 24 Gauge, Add	0.55	
	15MOD-0533 For 22 Gauge, Add	1.10	
	15MOD-0534 For 20 Gauge, Add	1.66	
	15MOD-0535 For 18 Gauge, Add	2.21	
	15MOD-0536 For 16 Gauge, Add	2.71	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	2.97	
	15MOD-0544 For Acid Resistant Asphaltum Coating, Add	6.90	
	15MOD-0556 For Work In Restricted Working Space, Add	2.54	
15840-0016	LF 14" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure.....	15.26	7.54
	15MOD-0531 For 28 Gauge, Deduct	-0.65	
	15MOD-0532 For 24 Gauge, Add	0.64	
	15MOD-0533 For 22 Gauge, Add	1.28	
	15MOD-0534 For 20 Gauge, Add	1.93	
	15MOD-0535 For 18 Gauge, Add	2.56	
	15MOD-0536 For 16 Gauge, Add	3.15	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	3.45	
	15MOD-0545 For Acid Resistant Asphaltum Coating, Add	7.26	
	15MOD-0556 For Work In Restricted Working Space, Add	3.18	
15840-0017	LF 16" Round Galvanized Sheet Metal Duct, Factory Fabricated, Field Installed, Low Pressure.....	21.04	10.10
	15MOD-0531 For 28 Gauge, Deduct	-0.96	
	15MOD-0532 For 24 Gauge, Add	0.95	
	15MOD-0533 For 22 Gauge, Add	1.90	
	15MOD-0534 For 20 Gauge, Add	2.86	
	15MOD-0535 For 18 Gauge, Add	3.80	
	15MOD-0536 For 16 Gauge, Add	4.66	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	5.11	
	15MOD-0546 For Acid Resistant Asphaltum Coating, Add	7.58	
	15MOD-0556 For Work In Restricted Working Space, Add	4.24	
15840-0018	Round Adjustable Elbows (15840-0007)		
	Note: Up to 90 degree		
15840-0019	EA 4" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	26.63	10.06
	15MOD-0531 For 28 Gauge, Deduct	-0.90	
	15MOD-0532 For 24 Gauge, Add	0.90	
	15MOD-0533 For 22 Gauge, Add	1.79	
	15MOD-0534 For 20 Gauge, Add	2.70	
	15MOD-0535 For 18 Gauge, Add	3.58	
	15MOD-0536 For 16 Gauge, Add	4.39	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	4.82	
	15MOD-0556 For Work In Restricted Working Space, Add	6.04	
15840-0020	EA 5" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	30.30	11.61
	15MOD-0531 For 28 Gauge, Deduct	-0.98	
	15MOD-0532 For 24 Gauge, Add	0.98	
	15MOD-0533 For 22 Gauge, Add	1.95	
	15MOD-0534 For 20 Gauge, Add	2.93	
	15MOD-0535 For 18 Gauge, Add	3.89	
	15MOD-0536 For 16 Gauge, Add	4.78	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	5.24	
	15MOD-0556 For Work In Restricted Working Space, Add	6.97	
15840-0021	EA 6" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	35.39	13.71
	15MOD-0531 For 28 Gauge, Deduct	-1.10	
	15MOD-0532 For 24 Gauge, Add	1.10	
	15MOD-0533 For 22 Gauge, Add	2.19	
	15MOD-0534 For 20 Gauge, Add	3.30	
	15MOD-0535 For 18 Gauge, Add	4.38	
	15MOD-0536 For 16 Gauge, Add	5.37	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	5.89	
	15MOD-0556 For Work In Restricted Working Space, Add	8.23	
15840-0022	EA 7" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	45.06	17.63
	15MOD-0531 For 28 Gauge, Deduct	-1.36	
	15MOD-0532 For 24 Gauge, Add	1.35	
	15MOD-0533 For 22 Gauge, Add	2.70	
	15MOD-0534 For 20 Gauge, Add	4.05	
	15MOD-0535 For 18 Gauge, Add	5.38	
	15MOD-0536 For 16 Gauge, Add	6.61	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	7.24	
	15MOD-0556 For Work In Restricted Working Space, Add	10.58	
15840-0023	EA 8" Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	53.53	21.48
	15MOD-0531 For 28 Gauge, Deduct	-1.46	
	15MOD-0532 For 24 Gauge, Add	1.46	
	15MOD-0533 For 22 Gauge, Add	2.91	
	15MOD-0534 For 20 Gauge, Add	4.38	
	15MOD-0535 For 18 Gauge, Add	5.81	
	15MOD-0536 For 16 Gauge, Add	7.13	
	15MOD-0537 For PVC Coated, Inside And Outside, Add	7.82	
	15MOD-0556 For Work In Restricted Working Space, Add	12.89	

15000 Mechanical
15800 Air Distribution
15840 Ductwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0024	EA	10"	Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	81.03	33.54
	15MOD-0531		For 28 Gauge, Deduct	-1.93	
	15MOD-0532		For 24 Gauge, Add	1.93	
	15MOD-0533		For 22 Gauge, Add	3.84	
	15MOD-0534		For 20 Gauge, Add	5.78	
	15MOD-0535		For 18 Gauge, Add	7.67	
	15MOD-0536		For 16 Gauge, Add	9.42	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	10.32	
	15MOD-0556		For Work In Restricted Working Space, Add	20.12	
15840-0025	EA	12"	Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	111.61	46.35
	15MOD-0531		For 28 Gauge, Deduct	-2.62	
	15MOD-0532		For 24 Gauge, Add	2.61	
	15MOD-0533		For 22 Gauge, Add	5.21	
	15MOD-0534		For 20 Gauge, Add	7.82	
	15MOD-0535		For 18 Gauge, Add	10.40	
	15MOD-0536		For 16 Gauge, Add	12.76	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	13.99	
	15MOD-0556		For Work In Restricted Working Space, Add	27.81	
15840-0026	EA	14"	Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	138.63	54.83
	15MOD-0531		For 28 Gauge, Deduct	-4.01	
	15MOD-0532		For 24 Gauge, Add	4.00	
	15MOD-0533		For 22 Gauge, Add	7.98	
	15MOD-0534		For 20 Gauge, Add	12.00	
	15MOD-0535		For 18 Gauge, Add	15.94	
	15MOD-0536		For 16 Gauge, Add	19.56	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	21.45	
	15MOD-0556		For Work In Restricted Working Space, Add	32.90	
15840-0027	EA	16"	Round Adjustable Galvanized Sheet Metal Elbows, Factory Fabricated, Field Installed, Low Pressure	162.12	60.29
	15MOD-0531		For 28 Gauge, Deduct	-5.75	
	15MOD-0532		For 24 Gauge, Add	5.73	
	15MOD-0533		For 22 Gauge, Add	11.44	
	15MOD-0534		For 20 Gauge, Add	17.19	
	15MOD-0535		For 18 Gauge, Add	22.84	
	15MOD-0536		For 16 Gauge, Add	28.03	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	30.73	
	15MOD-0556		For Work In Restricted Working Space, Add	36.18	
15840-0028			90 Degree Round Elbows <small>(15840-0007)</small>		
15840-0029	EA	4"	Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	22.43	6.78
	15MOD-0531		For 28 Gauge, Deduct	-0.76	
	15MOD-0532		For 24 Gauge, Add	0.75	
	15MOD-0533		For 22 Gauge, Add	1.51	
	15MOD-0534		For 20 Gauge, Add	2.26	
	15MOD-0535		For 18 Gauge, Add	3.01	
	15MOD-0536		For 16 Gauge, Add	3.69	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	4.05	
	15MOD-0556		For Work In Restricted Working Space, Add	5.09	
15840-0030	EA	5"	Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	25.62	7.76
	15MOD-0531		For 28 Gauge, Deduct	-0.86	
	15MOD-0532		For 24 Gauge, Add	0.86	
	15MOD-0533		For 22 Gauge, Add	1.72	
	15MOD-0534		For 20 Gauge, Add	2.58	
	15MOD-0535		For 18 Gauge, Add	3.43	
	15MOD-0536		For 16 Gauge, Add	4.21	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	4.62	
	15MOD-0556		For Work In Restricted Working Space, Add	5.81	
15840-0031	EA	6"	Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	29.71	9.05
	15MOD-0531		For 28 Gauge, Deduct	-0.98	
	15MOD-0532		For 24 Gauge, Add	0.98	
	15MOD-0533		For 22 Gauge, Add	1.96	
	15MOD-0534		For 20 Gauge, Add	2.94	
	15MOD-0535		For 18 Gauge, Add	3.91	
	15MOD-0536		For 16 Gauge, Add	4.79	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	5.25	
	15MOD-0556		For Work In Restricted Working Space, Add	6.78	
15840-0032	EA	7"	Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	34.66	10.85
	15MOD-0531		For 28 Gauge, Deduct	-1.04	
	15MOD-0532		For 24 Gauge, Add	1.04	
	15MOD-0533		For 22 Gauge, Add	2.07	
	15MOD-0534		For 20 Gauge, Add	3.11	
	15MOD-0535		For 18 Gauge, Add	4.14	
	15MOD-0536		For 16 Gauge, Add	5.08	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	5.56	
	15MOD-0556		For Work In Restricted Working Space, Add	8.14	
15840-0033	EA	8"	Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	42.65	13.56
	15MOD-0531		For 28 Gauge, Deduct	-1.21	
	15MOD-0532		For 24 Gauge, Add	1.20	
	15MOD-0533		For 22 Gauge, Add	2.41	
	15MOD-0534		For 20 Gauge, Add	3.61	
	15MOD-0535		For 18 Gauge, Add	4.80	
	15MOD-0536		For 16 Gauge, Add	5.89	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	6.46	
	15MOD-0556		For Work In Restricted Working Space, Add	10.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0034 EA 10" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	57.69	18.09
15MOD-0531 For 28 Gauge, Deduct	-1.73	
15MOD-0532 For 24 Gauge, Add	1.72	
15MOD-0533 For 22 Gauge, Add	3.44	
15MOD-0534 For 20 Gauge, Add	5.16	
15MOD-0535 For 18 Gauge, Add	6.86	
15MOD-0536 For 16 Gauge, Add	8.42	
15MOD-0537 For PVC Coated, Inside And Outside, Add	9.23	
15MOD-0556 For Work In Restricted Working Space, Add	13.57	
15840-0035 EA 12" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	84.33	27.14
15MOD-0531 For 28 Gauge, Deduct	-2.29	
15MOD-0532 For 24 Gauge, Add	2.28	
15MOD-0533 For 22 Gauge, Add	4.55	
15MOD-0534 For 20 Gauge, Add	6.83	
15MOD-0535 For 18 Gauge, Add	9.08	
15MOD-0536 For 16 Gauge, Add	11.14	
15MOD-0537 For PVC Coated, Inside And Outside, Add	12.21	
15MOD-0556 For Work In Restricted Working Space, Add	20.35	
15840-0036 EA 14" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	117.57	34.66
15MOD-0531 For 28 Gauge, Deduct	-4.28	
15MOD-0532 For 24 Gauge, Add	4.26	
15MOD-0533 For 22 Gauge, Add	8.51	
15MOD-0534 For 20 Gauge, Add	12.79	
15MOD-0535 For 18 Gauge, Add	17.00	
15MOD-0536 For 16 Gauge, Add	20.86	
15MOD-0537 For PVC Coated, Inside And Outside, Add	22.87	
15MOD-0556 For Work In Restricted Working Space, Add	26.00	
15840-0037 EA 16" Round Galvanized Sheet Metal 90 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	147.09	43.71
15MOD-0531 For 28 Gauge, Deduct	-5.24	
15MOD-0532 For 24 Gauge, Add	5.22	
15MOD-0533 For 22 Gauge, Add	10.42	
15MOD-0534 For 20 Gauge, Add	15.65	
15MOD-0535 For 18 Gauge, Add	20.80	
15MOD-0536 For 16 Gauge, Add	25.52	
15MOD-0537 For PVC Coated, Inside And Outside, Add	27.98	
15MOD-0556 For Work In Restricted Working Space, Add	32.78	
15840-0038 45 Degree Round Elbows <small>(15840-0007)</small>		
15840-0039 EA 4" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	20.40	6.78
15MOD-0531 For 28 Gauge, Deduct	-0.48	
15MOD-0532 For 24 Gauge, Add	0.47	
15MOD-0533 For 22 Gauge, Add	0.95	
15MOD-0534 For 20 Gauge, Add	1.42	
15MOD-0535 For 18 Gauge, Add	1.89	
15MOD-0536 For 16 Gauge, Add	2.32	
15MOD-0537 For PVC Coated, Inside And Outside, Add	2.55	
15MOD-0556 For Work In Restricted Working Space, Add	5.09	
15840-0040 EA 5" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	23.79	7.76
15MOD-0531 For 28 Gauge, Deduct	-0.61	
15MOD-0532 For 24 Gauge, Add	0.61	
15MOD-0533 For 22 Gauge, Add	1.21	
15MOD-0534 For 20 Gauge, Add	1.83	
15MOD-0535 For 18 Gauge, Add	2.43	
15MOD-0536 For 16 Gauge, Add	2.98	
15MOD-0537 For PVC Coated, Inside And Outside, Add	3.26	
15MOD-0556 For Work In Restricted Working Space, Add	5.81	
15840-0041 EA 6" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	27.43	9.05
15MOD-0531 For 28 Gauge, Deduct	-0.67	
15MOD-0532 For 24 Gauge, Add	0.67	
15MOD-0533 For 22 Gauge, Add	1.33	
15MOD-0534 For 20 Gauge, Add	2.00	
15MOD-0535 For 18 Gauge, Add	2.65	
15MOD-0536 For 16 Gauge, Add	3.25	
15MOD-0537 For PVC Coated, Inside And Outside, Add	3.57	
15MOD-0556 For Work In Restricted Working Space, Add	6.78	
15840-0042 EA 7" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	32.72	10.85
15MOD-0531 For 28 Gauge, Deduct	-0.77	
15MOD-0532 For 24 Gauge, Add	0.77	
15MOD-0533 For 22 Gauge, Add	1.54	
15MOD-0534 For 20 Gauge, Add	2.31	
15MOD-0535 For 18 Gauge, Add	3.07	
15MOD-0536 For 16 Gauge, Add	3.77	
15MOD-0537 For PVC Coated, Inside And Outside, Add	4.13	
15MOD-0556 For Work In Restricted Working Space, Add	8.14	
15840-0043 EA 8" Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	40.27	13.56
15MOD-0531 For 28 Gauge, Deduct	-0.88	
15MOD-0532 For 24 Gauge, Add	0.88	
15MOD-0533 For 22 Gauge, Add	1.75	
15MOD-0534 For 20 Gauge, Add	2.63	
15MOD-0535 For 18 Gauge, Add	3.49	
15MOD-0536 For 16 Gauge, Add	4.29	
15MOD-0537 For PVC Coated, Inside And Outside, Add	4.70	
15MOD-0556 For Work In Restricted Working Space, Add	10.18	

15000 Mechanical
15800 Air Distribution
15840 Ductwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0044	EA	10"	Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	54.91	18.09
	15MOD-0531		For 28 Gauge, Deduct	-1.34	
	15MOD-0532		For 24 Gauge, Add	1.34	
	15MOD-0533		For 22 Gauge, Add	2.67	
	15MOD-0534		For 20 Gauge, Add	4.01	
	15MOD-0535		For 18 Gauge, Add	5.33	
	15MOD-0536		For 16 Gauge, Add	6.54	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	7.17	
	15MOD-0556		For Work In Restricted Working Space, Add	13.57	
15840-0045	EA	12"	Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	80.30	27.14
	15MOD-0531		For 28 Gauge, Deduct	-1.73	
	15MOD-0532		For 24 Gauge, Add	1.72	
	15MOD-0533		For 22 Gauge, Add	3.44	
	15MOD-0534		For 20 Gauge, Add	5.16	
	15MOD-0535		For 18 Gauge, Add	6.86	
	15MOD-0536		For 16 Gauge, Add	8.42	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	9.23	
	15MOD-0556		For Work In Restricted Working Space, Add	20.35	
15840-0046	EA	14"	Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	108.26	34.66
	15MOD-0531		For 28 Gauge, Deduct	-2.99	
	15MOD-0532		For 24 Gauge, Add	2.98	
	15MOD-0533		For 22 Gauge, Add	5.95	
	15MOD-0534		For 20 Gauge, Add	8.94	
	15MOD-0535		For 18 Gauge, Add	11.87	
	15MOD-0536		For 16 Gauge, Add	14.57	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	15.98	
	15MOD-0556		For Work In Restricted Working Space, Add	26.00	
15840-0047	EA	16"	Round Galvanized Sheet Metal 45 Degree Elbows, Factory Fabricated, Field Installed, Low Pressure	144.69	43.71
	15MOD-0531		For 28 Gauge, Deduct	-4.90	
	15MOD-0532		For 24 Gauge, Add	4.89	
	15MOD-0533		For 22 Gauge, Add	9.76	
	15MOD-0534		For 20 Gauge, Add	14.66	
	15MOD-0535		For 18 Gauge, Add	19.48	
	15MOD-0536		For 16 Gauge, Add	23.90	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	26.20	
	15MOD-0556		For Work In Restricted Working Space, Add	32.78	
15840-0048			Round Tee <small>(15840-0007)</small>		
15840-0049	EA	4"	Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	33.09	10.18
	15MOD-0531		For 28 Gauge, Deduct	-1.06	
	15MOD-0532		For 24 Gauge, Add	1.06	
	15MOD-0533		For 22 Gauge, Add	2.11	
	15MOD-0534		For 20 Gauge, Add	3.17	
	15MOD-0535		For 18 Gauge, Add	4.21	
	15MOD-0536		For 16 Gauge, Add	5.17	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	5.67	
	15MOD-0556		For Work In Restricted Working Space, Add	7.63	
15840-0050	EA	5"	Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	39.24	11.61
	15MOD-0531		For 28 Gauge, Deduct	-1.41	
	15MOD-0532		For 24 Gauge, Add	1.40	
	15MOD-0533		For 22 Gauge, Add	2.80	
	15MOD-0534		For 20 Gauge, Add	4.21	
	15MOD-0535		For 18 Gauge, Add	5.59	
	15MOD-0536		For 16 Gauge, Add	6.86	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	7.53	
	15MOD-0556		For Work In Restricted Working Space, Add	8.72	
15840-0051	EA	6"	Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	44.95	13.56
	15MOD-0531		For 28 Gauge, Deduct	-1.53	
	15MOD-0532		For 24 Gauge, Add	1.52	
	15MOD-0533		For 22 Gauge, Add	3.04	
	15MOD-0534		For 20 Gauge, Add	4.57	
	15MOD-0535		For 18 Gauge, Add	6.07	
	15MOD-0536		For 16 Gauge, Add	7.45	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	8.16	
	15MOD-0556		For Work In Restricted Working Space, Add	10.18	
15840-0052	EA	7"	Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	53.40	16.28
	15MOD-0531		For 28 Gauge, Deduct	-1.76	
	15MOD-0532		For 24 Gauge, Add	1.75	
	15MOD-0533		For 22 Gauge, Add	3.50	
	15MOD-0534		For 20 Gauge, Add	5.26	
	15MOD-0535		For 18 Gauge, Add	6.99	
	15MOD-0536		For 16 Gauge, Add	8.57	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	9.40	
	15MOD-0556		For Work In Restricted Working Space, Add	12.21	
15840-0053	EA	8"	Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	71.41	20.34
	15MOD-0531		For 28 Gauge, Deduct	-2.84	
	15MOD-0532		For 24 Gauge, Add	2.83	
	15MOD-0533		For 22 Gauge, Add	5.66	
	15MOD-0534		For 20 Gauge, Add	8.50	
	15MOD-0535		For 18 Gauge, Add	11.29	
	15MOD-0536		For 16 Gauge, Add	13.86	
	15MOD-0537		For PVC Coated, Inside And Outside, Add	15.19	
	15MOD-0556		For Work In Restricted Working Space, Add	15.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0054 EA 10" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	94.03	27.14
15MOD-0531 For 28 Gauge, Deduct	-3.63	
15MOD-0532 For 24 Gauge, Add	3.62	
15MOD-0533 For 22 Gauge, Add	7.22	
15MOD-0534 For 20 Gauge, Add	10.85	
15MOD-0535 For 18 Gauge, Add	14.41	
15MOD-0536 For 16 Gauge, Add	17.69	
15MOD-0537 For PVC Coated, Inside And Outside, Add	19.39	
15MOD-0556 For Work In Restricted Working Space, Add	20.35	
15840-0055 EA 12" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	127.92	40.70
15MOD-0531 For 28 Gauge, Deduct	-3.63	
15MOD-0532 For 24 Gauge, Add	3.62	
15MOD-0533 For 22 Gauge, Add	7.22	
15MOD-0534 For 20 Gauge, Add	10.85	
15MOD-0535 For 18 Gauge, Add	14.41	
15MOD-0536 For 16 Gauge, Add	17.69	
15MOD-0537 For PVC Coated, Inside And Outside, Add	19.39	
15MOD-0556 For Work In Restricted Working Space, Add	30.52	
15840-0056 EA 14" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	179.84	51.85
15MOD-0531 For 28 Gauge, Deduct	-6.91	
15MOD-0532 For 24 Gauge, Add	6.89	
15MOD-0533 For 22 Gauge, Add	13.75	
15MOD-0534 For 20 Gauge, Add	20.66	
15MOD-0535 For 18 Gauge, Add	27.45	
15MOD-0536 For 16 Gauge, Add	33.68	
15MOD-0537 For PVC Coated, Inside And Outside, Add	36.93	
15MOD-0556 For Work In Restricted Working Space, Add	38.98	
15840-0057 EA 16" Round Galvanized Sheet Metal Tee, Factory Fabricated, Field Installed, Low Pressure	233.89	65.72
15MOD-0531 For 28 Gauge, Deduct	-9.70	
15MOD-0532 For 24 Gauge, Add	9.67	
15MOD-0533 For 22 Gauge, Add	19.30	
15MOD-0534 For 20 Gauge, Add	29.00	
15MOD-0535 For 18 Gauge, Add	38.53	
15MOD-0536 For 16 Gauge, Add	47.28	
15MOD-0537 For PVC Coated, Inside And Outside, Add	51.84	
15MOD-0556 For Work In Restricted Working Space, Add	49.15	
15840-0058 Round Connector <small>(15840-0007)</small>		
15840-0059 EA 4" Round Connector	14.63	
15MOD-0556 For Work In Restricted Working Space, Add	3.62	
15840-0060 EA 5" Round Connector	15.44	
15MOD-0556 For Work In Restricted Working Space, Add	3.80	
15840-0061 EA 6" Round Connector	16.53	
15MOD-0556 For Work In Restricted Working Space, Add	4.07	
15840-0062 EA 7" Round Connector	17.72	
15MOD-0556 For Work In Restricted Working Space, Add	4.30	
15840-0063 EA 8" Round Connector	19.29	
15MOD-0556 For Work In Restricted Working Space, Add	4.64	
15840-0064 EA 10" Round Connector	23.31	
15MOD-0556 For Work In Restricted Working Space, Add	5.18	
15840-0065 EA 12" Round Connector	31.40	
15MOD-0556 For Work In Restricted Working Space, Add	7.23	
15840-0066 EA 14" Round Connector	35.93	
15MOD-0556 For Work In Restricted Working Space, Add	8.24	
15840-0067 EA 16" Round Connector	39.58	
15MOD-0556 For Work In Restricted Working Space, Add	9.02	
15840-0068 Sheet Metal Baffles <small>(15840-0001)</small>		
15840-0069 LF Sheet Metal Baffles Under Raised Floor	27.49	21.78
15MOD-0556 For Work In Restricted Working Space, Add	7.97	

15840-0070 Galvanized Steel Sheet Metal Ductwork (15840-0001)

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc. Pressure class 2" w.g. and less are considered low pressure/seal class C; pressure class 3" w.g. and less are considered medium pressure/seal class B; pressure class 4" w.g. and larger are considered high pressure/seal class A. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. Field fabricated ductwork is fabricated by hand to fit unique designs and installed on site. SMACNA weight for ductwork LB/SF (surface areas) by gauge: 30 gauge - 0.656 LB/SF; 28 gauge - 0.781 LB/SF; 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF; Add 10% additional material for lapping. The gauge of sheet metal is determined by the dimensional opening. Use the following to determine the minimum gauge of low pressure rectangular sheet metal ductwork unless otherwise stated by owner or drawings. The largest dimension of duct governs the gauge: up to 12" - 26 gauge, 13" to 30" - 24 gauge, 31" to 54" - 22 gauge, 55" to 84" - 20 gauge, 85" and larger - 18 gauge. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

15000 Mechanical
15800 Air Distribution
15840 Ductwork



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0071 LB Sheet Metal Ductwork, Low Pressure, Field Fabricated, Galvanized, Field Assemble And Install	7.74	2.04
15MOD-0548 For Flat Oval, Add	0.16	
15MOD-0549 For Up To 200, Add	2.64	
15MOD-0550 For > 200 To 500, Add	1.66	
15MOD-0551 For > 500 To 1000, Add	1.16	
15MOD-0552 For > 1000 To 2000, Add	0.65	
15MOD-0553 For > 2000 To 5000, Add	0.30	
15MOD-0556 For Work In Restricted Working Space, Add	2.01	
15840-0072 LB Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	8.80	2.38
15MOD-0548 For Flat Oval, Add	0.17	
15MOD-0549 For Up To 200, Add	2.97	
15MOD-0550 For > 200 To 500, Add	1.86	
15MOD-0551 For > 500 To 1000, Add	1.31	
15MOD-0552 For > 1000 To 2000, Add	0.74	
15MOD-0553 For > 2000 To 5000, Add	0.34	
15MOD-0556 For Work In Restricted Working Space, Add	2.31	
15840-0073 LB Sheet Metal Ductwork, High Pressure, Field Fabricated, Galvanized, Field Assemble And Install.....	10.54	2.72
15MOD-0548 For Flat Oval, Add	0.18	
15MOD-0549 For Up To 200, Add	3.52	
15MOD-0550 For > 200 To 500, Add	2.20	
15MOD-0551 For > 500 To 1000, Add	1.56	
15MOD-0552 For > 1000 To 2000, Add	0.88	
15MOD-0553 For > 2000 To 5000, Add	0.41	
15MOD-0556 For Work In Restricted Working Space, Add	2.80	
15840-0074 LB Sheet Metal Ductwork, Low Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	5.03	2.04
15MOD-0547 For PVC Coated, Add	0.33	
15MOD-0548 For Flat Oval, Add	0.24	
15MOD-0549 For Up To 200, Add	2.00	
15MOD-0550 For > 200 To 500, Add	1.31	
15MOD-0551 For > 500 To 1000, Add	0.82	
15MOD-0552 For > 1000 To 2000, Add	0.45	
15MOD-0553 For > 2000 To 5000, Add	0.18	
15MOD-0556 For Work In Restricted Working Space, Add	1.02	
15840-0075 LB Sheet Metal Ductwork, Medium Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	5.85	2.38
15MOD-0547 For PVC Coated, Add	0.40	
15MOD-0548 For Flat Oval, Add	0.30	
15MOD-0549 For Up To 200, Add	2.36	
15MOD-0550 For > 200 To 500, Add	1.56	
15MOD-0551 For > 500 To 1000, Add	0.96	
15MOD-0552 For > 1000 To 2000, Add	0.53	
15MOD-0553 For > 2000 To 5000, Add	0.21	
15MOD-0556 For Work In Restricted Working Space, Add	1.15	
15840-0076 LB Sheet Metal Ductwork, High Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	7.11	2.72
15MOD-0547 For PVC Coated, Add	0.49	
15MOD-0548 For Flat Oval, Add	0.37	
15MOD-0549 For Up To 200, Add	2.87	
15MOD-0550 For > 200 To 500, Add	1.89	
15MOD-0551 For > 500 To 1000, Add	1.17	
15MOD-0552 For > 1000 To 2000, Add	0.64	
15MOD-0553 For > 2000 To 5000, Add	0.26	
15MOD-0556 For Work In Restricted Working Space, Add	1.40	
15840-0077 Aluminum Sheet Metal Duct Alloy 3003-H14⁽¹⁵⁸⁴⁰⁾		
Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
15840-0078 LB Aluminum Sheet Metal Ductwork, Low Pressure, Alloy 3003-H14.....	12.87	2.04
15MOD-0556 For Work In Restricted Working Space, Add	3.47	
15MOD-0557 For Up To 200 LB, Add	4.25	
15MOD-0558 For > 200 To 500, Add	2.64	
15MOD-0559 For > 500 To 1000, Add	1.89	
15MOD-0560 For > 1000 To 2000, Add	1.07	
15MOD-0561 For > 2000 To 5000, Add	0.50	
15840-0079 Stainless Steel Sheet Metal Duct Type 304⁽¹⁵⁸⁴⁰⁾		
Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
15840-0080 LB Stainless Steel Sheet Metal Ductwork, Low Pressure, Type 304.....	13.18	2.72
15MOD-0554 For Type 316 Stainless Steel, Add	0.39	
15MOD-0555 For Welded Seams, Add	4.83	
15MOD-0556 For Work In Restricted Working Space, Add	2.78	
15MOD-0557 For Up To 200 LB, Add	5.13	
15MOD-0558 For > 200 To 500, Add	3.35	
15MOD-0559 For > 500 To 1000, Add	2.12	
15MOD-0560 For > 1000 To 2000, Add	1.17	
15MOD-0561 For > 2000 To 5000, Add	0.49	
15840-0081 LB Stainless Steel Sheet Metal Ductwork, Medium Pressure, Type 304.....	15.09	3.40
15MOD-0554 For Type 316 Stainless Steel, Add	0.45	
15MOD-0555 For Welded Seams, Add	5.52	
15MOD-0556 For Work In Restricted Working Space, Add	3.17	
15MOD-0557 For Up To 200 LB, Add	5.88	
15MOD-0558 For > 200 To 500, Add	3.84	
15MOD-0559 For > 500 To 1000, Add	2.43	
15MOD-0560 For > 1000 To 2000, Add	1.34	
15MOD-0561 For > 2000 To 5000, Add	0.56	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0082	LB	Stainless Steel Sheet Metal Ductwork, High Pressure, Type 304.....	18.40	4.09
		15MOD-0554 For Type 316 Stainless Steel, Add	0.55	
		15MOD-0555 For Welded Seams, Add	6.74	
		15MOD-0556 For Work In Restricted Working Space, Add	3.88	
		15MOD-0557 For Up To 200 LB, Add	7.16	
		15MOD-0558 For > 200 To 500, Add	4.68	
		15MOD-0559 For > 500 To 1000, Add	2.96	
		15MOD-0560 For > 1000 To 2000, Add	1.64	
		15MOD-0561 For > 2000 To 5000, Add	0.68	
15840-0083		Stainless Steel Exhaust Hood Material (15840)		
		Note: Welded seams		
15840-0084	SF	16 Gauge Stainless Steel Exhaust Hood.....	55.68	10.21
15840-0085	SF	14 Gauge Stainless Steel Exhaust Hood.....	69.60	13.62
15840-0086	SF	12 Gauge Stainless Steel Exhaust Hood.....	96.59	18.38
15840-0087	SF	10 Gauge Stainless Steel Exhaust Hood.....	120.70	22.47
15840-0088		Glass Fiber Duct Board (15840)		
		Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.		
15840-0089	SF	1" Glass Fiber Duct Board (EI-475)	6.50	1.36
15840-0090		Fiber Reinforced Plastic Duct (15840)		
15840-0092		Round Fiber Reinforced Plastic Duct (15840-0090)		
15840-0093		Round Fiber Reinforced Plastic Duct (15840-0092)		
15840-0094	LF	2" Fiber Reinforced Plastic Duct.....	9.92	3.29
15840-0095	LF	3" Fiber Reinforced Plastic Duct.....	12.40	3.84
15840-0096	LF	4" Fiber Reinforced Plastic Duct.....	16.85	5.65
15840-0097	LF	6" Fiber Reinforced Plastic Duct.....	22.31	7.14
15840-0098	LF	8" Fiber Reinforced Plastic Duct.....	28.26	8.94
15840-0099	LF	10" Fiber Reinforced Plastic Duct.....	34.08	10.73
15840-0100	LF	12" Fiber Reinforced Plastic Duct.....	38.40	12.54
15840-0101	LF	14" Fiber Reinforced Plastic Duct.....	43.76	13.72
15840-0102	LF	16" Fiber Reinforced Plastic Duct.....	47.28	14.59
15840-0103	LF	18" Fiber Reinforced Plastic Duct.....	58.63	16.38
15840-0104	LF	20" Fiber Reinforced Plastic Duct.....	61.70	17.56
15840-0105	LF	24" Fiber Reinforced Plastic Duct.....	75.83	18.74
15840-0106	LF	30" Fiber Reinforced Plastic Duct.....	86.87	21.72
15840-0107	LF	36" Fiber Reinforced Plastic Duct.....	100.39	26.19
15840-0108	LF	42" Fiber Reinforced Plastic Duct.....	133.71	29.17
15840-0109	LF	48" Fiber Reinforced Plastic Duct.....	149.80	32.78
15840-0110	LF	54" Fiber Reinforced Plastic Duct.....	166.51	37.55
15840-0111	LF	60" Fiber Reinforced Plastic Duct.....	189.09	43.82
15840-0112	LF	66" Fiber Reinforced Plastic Duct.....	203.46	53.63
15840-0113	LF	72" Fiber Reinforced Plastic Duct.....	248.28	65.54
15840-0114		Fiber Reinforced Plastic Bell (15840-0092)		
15840-0115	EA	2" Fiber Reinforced Plastic Bell.....	41.09	13.35
15840-0116	EA	3" Fiber Reinforced Plastic Bell.....	49.66	15.83
15840-0117	EA	4" Fiber Reinforced Plastic Bell.....	57.03	18.62
15840-0118	EA	6" Fiber Reinforced Plastic Bell.....	74.85	24.83
15840-0119	EA	8" Fiber Reinforced Plastic Bell.....	90.87	31.03
15840-0120	EA	10" Fiber Reinforced Plastic Bell.....	105.08	37.24
15840-0121	EA	12" Fiber Reinforced Plastic Bell.....	130.28	46.24
15840-0122	EA	14" Fiber Reinforced Plastic Bell.....	139.46	49.65
15840-0123	EA	16" Fiber Reinforced Plastic Bell.....	151.13	53.06
15840-0124	EA	18" Fiber Reinforced Plastic Bell.....	162.80	57.10
15840-0125	EA	20" Fiber Reinforced Plastic Bell.....	178.13	62.07
15840-0126	EA	24" Fiber Reinforced Plastic Bell.....	208.54	68.27
15840-0127	EA	30" Fiber Reinforced Plastic Bell.....	244.36	74.48
15840-0128	EA	36" Fiber Reinforced Plastic Bell.....	277.38	83.79
15840-0129	EA	42" Fiber Reinforced Plastic Bell.....	310.40	93.10
15840-0130	EA	48" Fiber Reinforced Plastic Bell.....	343.41	102.41
15840-0131	EA	54" Fiber Reinforced Plastic Bell.....	428.26	124.13
15840-0132	EA	60" Fiber Reinforced Plastic Bell.....	508.33	155.16
15840-0133	EA	66" Fiber Reinforced Plastic Bell.....	609.96	186.20
15840-0134	EA	72" Fiber Reinforced Plastic Bell.....	699.29	211.03
15840-0135		Fiber Reinforced Plastic Flange (15840-0092)		
15840-0136	EA	2" Fiber Reinforced Plastic Flange.....	69.89	13.35
15840-0137	EA	3" Fiber Reinforced Plastic Flange.....	80.26	15.83
15840-0138	EA	4" Fiber Reinforced Plastic Flange.....	91.23	18.62
15840-0139	EA	6" Fiber Reinforced Plastic Flange.....	118.05	24.83
15840-0140	EA	8" Fiber Reinforced Plastic Flange.....	143.07	31.03
15840-0141	EA	10" Fiber Reinforced Plastic Flange.....	168.08	37.24



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0142	EA	12" Fiber Reinforced Plastic Flange.....	196.88	46.24
15840-0143	EA	14" Fiber Reinforced Plastic Flange.....	220.46	49.65
15840-0144	EA	16" Fiber Reinforced Plastic Flange.....	241.13	53.06
15840-0145	EA	18" Fiber Reinforced Plastic Flange.....	256.40	57.10
15840-0146	EA	20" Fiber Reinforced Plastic Flange.....	268.13	62.07
15840-0147	EA	24" Fiber Reinforced Plastic Flange.....	316.54	68.27
15840-0148	EA	30" Fiber Reinforced Plastic Flange.....	348.76	74.48
15840-0149	EA	36" Fiber Reinforced Plastic Flange.....	433.98	83.79
15840-0150	EA	42" Fiber Reinforced Plastic Flange.....	483.20	93.10
15840-0151	EA	48" Fiber Reinforced Plastic Flange.....	550.41	102.41
15840-0152	EA	54" Fiber Reinforced Plastic Flange.....	644.26	124.13
15840-0153	EA	60" Fiber Reinforced Plastic Flange.....	765.73	155.16
15840-0154	EA	66" Fiber Reinforced Plastic Flange.....	887.16	186.20
15840-0155	EA	72" Fiber Reinforced Plastic Flange.....	1,016.09	211.03
15840-0156 Fiber Reinforced Plastic 90 Degree Elbow (15840-0092)				
15840-0157	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	113.03	32.15
15840-0158	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	132.45	38.41
15840-0159	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	153.68	44.69
15840-0160	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	198.30	59.58
15840-0161	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	242.93	74.48
15840-0162	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	287.57	89.38
15840-0163	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	352.62	111.16
15840-0164	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	403.14	117.67
15840-0165	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	461.42	127.79
15840-0166	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	556.02	137.04
15840-0167	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	644.30	148.96
15840-0168	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	750.13	163.86
15840-0169	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,026.93	178.75
15840-0170	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,325.20	201.09
15840-0171	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	1,758.45	223.50
15840-0172	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,092.73	245.84
15840-0173	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	2,476.52	297.91
15840-0174	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	2,996.65	372.39
15840-0175	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	3,516.55	446.75
15840-0176	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	4,011.74	506.27
15840-0177 Fiber Reinforced Plastic 45 Degree Elbow (15840-0092)				
15840-0178	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	93.22	32.15
15840-0179	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	109.05	38.41
15840-0180	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	126.66	44.69
15840-0181	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	158.70	59.58
15840-0182	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	190.73	74.48
15840-0183	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	226.41	89.38
15840-0184	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	278.87	111.16
15840-0185	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	304.09	117.67
15840-0186	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	367.70	127.73
15840-0187	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	426.59	137.16
15840-0188	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	496.66	148.96
15840-0189	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	575.24	163.73
15840-0190	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	738.70	178.63
15840-0191	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	909.69	201.28
15840-0192	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,170.12	223.63
15840-0193	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	1,381.73	245.84
15840-0194	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	1,644.92	297.91
15840-0195	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	1,967.05	372.39
15840-0196	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	2,309.12	445.88
15840-0197	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	2,608.65	506.76
15840-0198 Fiber Reinforced Plastic Tee (15840-0092)				
15840-0199	EA	2" Fiber Reinforced Plastic Tee	142.94	47.98
15840-0200	EA	3" Fiber Reinforced Plastic Tee	168.32	57.78
15840-0201	EA	4" Fiber Reinforced Plastic Tee	192.71	67.03
15840-0202	EA	6" Fiber Reinforced Plastic Tee	247.97	89.38
15840-0203	EA	8" Fiber Reinforced Plastic Tee	302.22	111.16
15840-0204	EA	10" Fiber Reinforced Plastic Tee	359.42	134.68
15840-0205	EA	12" Fiber Reinforced Plastic Tee	434.08	163.23
15840-0206	EA	14" Fiber Reinforced Plastic Tee	474.43	176.64
15840-0207	EA	16" Fiber Reinforced Plastic Tee	553.79	191.91
15840-0208	EA	18" Fiber Reinforced Plastic Tee	630.60	205.56
15840-0209	EA	20" Fiber Reinforced Plastic Tee	732.45	223.50
15840-0210	EA	24" Fiber Reinforced Plastic Tee	841.73	245.84
15840-0211	EA	30" Fiber Reinforced Plastic Tee	1,013.77	268.06
15840-0212	EA	36" Fiber Reinforced Plastic Tee	1,222.96	301.77
15840-0213	EA	42" Fiber Reinforced Plastic Tee	1,638.74	335.28
15840-0214	EA	48" Fiber Reinforced Plastic Tee	1,964.75	368.85
15840-0215	EA	54" Fiber Reinforced Plastic Tee	2,365.26	447.18
15840-0216	EA	60" Fiber Reinforced Plastic Tee	2,821.36	558.84



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0217	EA	66" Fiber Reinforced Plastic Tee	3,277.09	670.25
15840-0218	EA	72" Fiber Reinforced Plastic Tee	3,696.65	760.00
15840-0219		Fiber Reinforced Plastic Lateral Joint (15840-0092)		
15840-0220	EA	2" Fiber Reinforced Plastic Lateral Joint	115.94	47.98
15840-0221	EA	3" Fiber Reinforced Plastic Lateral Joint	135.90	57.78
15840-0222	EA	4" Fiber Reinforced Plastic Lateral Joint	154.93	67.03
15840-0223	EA	6" Fiber Reinforced Plastic Lateral Joint	195.81	89.38
15840-0224	EA	8" Fiber Reinforced Plastic Lateral Joint	235.67	111.16
15840-0225	EA	10" Fiber Reinforced Plastic Lateral Joint	282.05	134.68
15840-0226	EA	12" Fiber Reinforced Plastic Lateral Joint	337.02	163.35
15840-0227	EA	14" Fiber Reinforced Plastic Lateral Joint	366.15	176.52
15840-0228	EA	16" Fiber Reinforced Plastic Lateral Joint	402.73	191.97
15840-0229	EA	18" Fiber Reinforced Plastic Lateral Joint	436.51	205.75
15840-0230	EA	20" Fiber Reinforced Plastic Lateral Joint	477.12	223.63
15840-0231	EA	24" Fiber Reinforced Plastic Lateral Joint	528.53	245.84
15840-0232	EA	30" Fiber Reinforced Plastic Lateral Joint	585.12	267.93
15840-0233	EA	36" Fiber Reinforced Plastic Lateral Joint	661.04	301.58
15840-0234	EA	42" Fiber Reinforced Plastic Lateral Joint	739.15	335.46
15840-0235	EA	48" Fiber Reinforced Plastic Lateral Joint	812.51	368.73
15840-0236	EA	54" Fiber Reinforced Plastic Lateral Joint	968.12	445.88
15840-0237	EA	60" Fiber Reinforced Plastic Lateral Joint	1,176.03	559.83
15840-0238	EA	66" Fiber Reinforced Plastic Lateral Joint	1,423.89	670.74
15840-0239	EA	72" Fiber Reinforced Plastic Lateral Joint	1,590.65	760.00
15840-0240		Fiber Reinforced Plastic One Piece Reducer (15840-0092)		
15840-0241	EA	2" Fiber Reinforced Plastic One Piece Reducer	100.45	32.21
15840-0242	EA	3" Fiber Reinforced Plastic One Piece Reducer	118.08	38.49
15840-0243	EA	4" Fiber Reinforced Plastic One Piece Reducer	139.31	44.69
15840-0244	EA	6" Fiber Reinforced Plastic One Piece Reducer	178.50	59.58
15840-0245	EA	8" Fiber Reinforced Plastic One Piece Reducer	214.13	74.48
15840-0246	EA	10" Fiber Reinforced Plastic One Piece Reducer	257.55	89.75
15840-0247	EA	12" Fiber Reinforced Plastic One Piece Reducer	304.07	111.16
15840-0248	EA	14" Fiber Reinforced Plastic One Piece Reducer	325.69	117.67
15840-0249	EA	16" Fiber Reinforced Plastic One Piece Reducer	360.50	127.73
15840-0250	EA	18" Fiber Reinforced Plastic One Piece Reducer	397.79	137.16
15840-0251	EA	20" Fiber Reinforced Plastic One Piece Reducer	446.26	148.96
15840-0252	EA	24" Fiber Reinforced Plastic One Piece Reducer	511.02	164.04
15840-0253	EA	30" Fiber Reinforced Plastic One Piece Reducer	575.59	179.06
15840-0254	EA	36" Fiber Reinforced Plastic One Piece Reducer	652.29	201.28
15840-0255	EA	42" Fiber Reinforced Plastic One Piece Reducer	729.12	223.63
15840-0256	EA	48" Fiber Reinforced Plastic One Piece Reducer	823.73	245.84
15840-0257	EA	54" Fiber Reinforced Plastic One Piece Reducer	973.52	297.91
15840-0258	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,155.25	372.39
15840-0259	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,283.12	445.88
15840-0260	EA	72" Fiber Reinforced Plastic One Piece Reducer	1,438.65	506.76
15840-0261		Fiber Reinforced Plastic Two Piece Reducer (15840-0092)		
15840-0262	EA	2" Fiber Reinforced Plastic Two Piece Reducer	122.05	32.21
15840-0263	EA	3" Fiber Reinforced Plastic Two Piece Reducer	132.48	38.49
15840-0264	EA	4" Fiber Reinforced Plastic Two Piece Reducer	153.71	44.69
15840-0265	EA	6" Fiber Reinforced Plastic Two Piece Reducer	198.30	59.58
15840-0266	EA	8" Fiber Reinforced Plastic Two Piece Reducer	242.93	74.48
15840-0267	EA	10" Fiber Reinforced Plastic Two Piece Reducer	288.15	89.75
15840-0268	EA	12" Fiber Reinforced Plastic Two Piece Reducer	343.67	111.16
15840-0269	EA	14" Fiber Reinforced Plastic Two Piece Reducer	376.09	117.67
15840-0270	EA	16" Fiber Reinforced Plastic Two Piece Reducer	410.90	127.73
15840-0271	EA	18" Fiber Reinforced Plastic Two Piece Reducer	466.19	137.16
15840-0272	EA	20" Fiber Reinforced Plastic Two Piece Reducer	597.46	148.96
15840-0273	EA	24" Fiber Reinforced Plastic Two Piece Reducer	732.42	164.04
15840-0274	EA	30" Fiber Reinforced Plastic Two Piece Reducer	784.39	179.06
15840-0275	EA	36" Fiber Reinforced Plastic Two Piece Reducer	893.49	201.28
15840-0276	EA	42" Fiber Reinforced Plastic Two Piece Reducer	966.72	223.63
15840-0277	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,057.73	245.84
15840-0278	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,162.52	297.91
15840-0279	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,333.45	372.39
15840-0280	EA	66" Fiber Reinforced Plastic Two Piece Reducer	1,481.12	445.88
15840-0281	EA	72" Fiber Reinforced Plastic Two Piece Reducer	1,618.65	506.76
15840-0282		Fiber Reinforced Plastic Butterfly Dampers (15840-0092)		
15840-0283	EA	2" Fiber Reinforced Plastic Damper	224.62	32.15
15840-0284	EA	3" Fiber Reinforced Plastic Damper	253.05	38.41
15840-0285	EA	4" Fiber Reinforced Plastic Damper	281.48	44.69
15840-0286	EA	6" Fiber Reinforced Plastic Damper	333.30	59.58
15840-0287	EA	8" Fiber Reinforced Plastic Damper	394.13	74.48
15840-0288	EA	10" Fiber Reinforced Plastic Damper	445.97	89.38

15000 Mechanical
15800 Air Distribution
15840 Ductwork



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15840-0289	EA		12" Fiber Reinforced Plastic Damper	509.22	111.16
15840-0290	EA		14" Fiber Reinforced Plastic Damper	565.14	117.67
15840-0291	EA		16" Fiber Reinforced Plastic Damper	627.02	127.79
15840-0292	EA		18" Fiber Reinforced Plastic Damper	687.42	137.04
15840-0293	EA		20" Fiber Reinforced Plastic Damper	734.30	148.96
15840-0294	EA		24" Fiber Reinforced Plastic Damper	831.13	163.86
15840-0295	EA		30" Fiber Reinforced Plastic Damper	963.93	178.75
15840-0296	EA		36" Fiber Reinforced Plastic Damper	1,109.20	201.09
15840-0297	EA		42" Fiber Reinforced Plastic Damper	1,272.45	223.50
15840-0298	EA		48" Fiber Reinforced Plastic Damper	1,417.73	245.84
15840-0299	EA		54" Fiber Reinforced Plastic Damper	1,666.52	297.91
15840-0300	EA		60" Fiber Reinforced Plastic Damper	1,952.65	372.39
15840-0301	EA		66" Fiber Reinforced Plastic Damper	2,220.55	446.75
15840-0302	EA		72" Fiber Reinforced Plastic Damper	2,553.74	506.27

15848 Duct Lining (15800)

15848-0001		Fiberglass Duct Liner Board, Rigid, Acoustical Insulation <small>(15848)</small>			
15848-0002	SF	1/2"	Fiberglass Duct Liner Board, Field Installed, 3 PCF	7.02	1.84
15848-0003	SF	3/4"	Fiberglass Duct Liner Board, Field Installed, 3 PCF	7.71	1.84
15848-0004	SF	1"	Fiberglass Duct Liner Board, Field Installed, 3 PCF	8.40	2.45
15848-0005	SF	1-1/2"	Fiberglass Duct Liner Board, Field Installed, 3 PCF	10.14	2.45
15848-0006	SF	2"	Fiberglass Duct Liner Board, Field Installed, 3 PCF	12.12	2.76
15848-0007	SF	1/2"	Fiberglass Duct Liner Board, Shop Installed, 3 PCF	7.41	2.26
15848-0008	SF	3/4"	Fiberglass Duct Liner Board, Shop Installed, 3 PCF	8.14	2.26
15848-0009	SF	1"	Fiberglass Duct Liner Board, Shop Installed, 3 PCF	8.91	3.01
15848-0010	SF	1-1/2"	Fiberglass Duct Liner Board, Shop Installed, 3 PCF	10.68	3.01
15848-0011	SF	2"	Fiberglass Duct Liner Board, Shop Installed, 3 PCF	12.82	3.40
15848-0012		Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation <small>(15848)</small>			
15848-0013	SF	1"	Fiberglass Duct Liner Blanket, 2 PCF	2.24	0.80
15848-0014	SF	1"	Fiberglass Duct Liner Blanket, 1.5 PCF	2.18	0.80
15848-0015	SF	1-1/2"	Fiberglass Duct Liner Blanket, 1.5 PCF	2.68	0.98
15848-0016	SF	2"	Fiberglass Duct Liner Blanket, 1.5 PCF	3.25	1.10

15855 Breaching And Smoke Pipe (15800)

15855-0001		Flue/Vent Pipe And Fittings <small>(15855)</small>			
15855-0002		Round Galvanized Double Wall Flue/Vent Pipe And Fittings <small>(15855-0001)</small>			
15855-0003		Round Galvanized Double Wall Flue/Vent Pipe <small>(15855-0002)</small>			
15855-0004	LF	3"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	20.92	6.18
	15MOD-0563		For Aluminum Liner, Add	0.30	
	15MOD-0564		For Stainless Steel Liner, Add	0.41	
	15MOD-0565		For High Temperature Breaching, Add	3.19	
	15MOD-0566		For Very High Temperature Breaching, Add	5.56	
15855-0005	LF	4"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	22.68	6.52
	15MOD-0563		For Aluminum Liner, Add	0.37	
	15MOD-0564		For Stainless Steel Liner, Add	0.51	
	15MOD-0565		For High Temperature Breaching, Add	3.62	
	15MOD-0566		For Very High Temperature Breaching, Add	6.22	
15855-0006	LF	5"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	25.19	6.95
	15MOD-0563		For Aluminum Liner, Add	0.44	
	15MOD-0564		For Stainless Steel Liner, Add	0.60	
	15MOD-0565		For High Temperature Breaching, Add	4.12	
	15MOD-0566		For Very High Temperature Breaching, Add	7.04	
15855-0007	LF	6"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	27.61	7.43
	15MOD-0563		For Aluminum Liner, Add	0.51	
	15MOD-0564		For Stainless Steel Liner, Add	0.70	
	15MOD-0565		For High Temperature Breaching, Add	4.62	
	15MOD-0566		For Very High Temperature Breaching, Add	7.85	
15855-0008	LF	7"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	33.11	7.91
	15MOD-0563		For Aluminum Liner, Add	0.75	
	15MOD-0564		For Stainless Steel Liner, Add	1.03	
	15MOD-0565		For High Temperature Breaching, Add	6.05	
	15MOD-0566		For Very High Temperature Breaching, Add	10.05	
15855-0009	LF	8"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	36.80	8.54
	15MOD-0563		For Aluminum Liner, Add	0.84	
	15MOD-0564		For Stainless Steel Liner, Add	1.14	
	15MOD-0565		For High Temperature Breaching, Add	6.73	
	15MOD-0566		For Very High Temperature Breaching, Add	11.17	
15855-0010	LF	10"	Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	55.53	9.16
	15MOD-0563		For Aluminum Liner, Add	1.77	
	15MOD-0564		For Stainless Steel Liner, Add	2.42	
	15MOD-0565		For High Temperature Breaching, Add	12.00	
	15MOD-0566		For Very High Temperature Breaching, Add	19.16	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0011	LF 12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	68.50	10.13
	15MOD-0563 For Aluminum Liner, Add	2.38	
	15MOD-0564 For Stainless Steel Liner, Add	3.24	
	15MOD-0565 For High Temperature Breaching, Add	15.50	
	15MOD-0566 For Very High Temperature Breaching, Add	24.51	
15855-0012	LF 14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	99.03	10.55
	15MOD-0563 For Aluminum Liner, Add	3.99	
	15MOD-0564 For Stainless Steel Liner, Add	5.44	
	15MOD-0565 For High Temperature Breaching, Add	24.42	
	15MOD-0566 For Very High Temperature Breaching, Add	37.95	
15855-0013	LF 16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	125.51	11.11
	15MOD-0563 For Aluminum Liner, Add	5.38	
	15MOD-0564 For Stainless Steel Liner, Add	7.34	
	15MOD-0565 For High Temperature Breaching, Add	32.13	
	15MOD-0566 For Very High Temperature Breaching, Add	49.57	
15855-0014	LF 18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	155.88	11.66
	15MOD-0563 For Aluminum Liner, Add	6.95	
	15MOD-0564 For Stainless Steel Liner, Add	9.48	
	15MOD-0565 For High Temperature Breaching, Add	40.87	
	15MOD-0566 For Very High Temperature Breaching, Add	62.78	
15855-0015	LF 20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	195.80	18.54
	15MOD-0563 For Aluminum Liner, Add	8.25	
	15MOD-0564 For Stainless Steel Liner, Add	11.26	
	15MOD-0565 For High Temperature Breaching, Add	49.59	
	15MOD-0566 For Very High Temperature Breaching, Add	76.68	
15855-0016	LF 22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	238.62	19.58
	15MOD-0563 For Aluminum Liner, Add	10.41	
	15MOD-0564 For Stainless Steel Liner, Add	14.19	
	15MOD-0565 For High Temperature Breaching, Add	61.71	
	15MOD-0566 For Very High Temperature Breaching, Add	95.03	
15855-0017	LF 24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	285.75	20.83
	15MOD-0563 For Aluminum Liner, Add	12.83	
	15MOD-0564 For Stainless Steel Liner, Add	17.50	
	15MOD-0565 For High Temperature Breaching, Add	75.23	
	15MOD-0566 For Very High Temperature Breaching, Add	115.47	
15855-0018	90 Degree Elbows <small>(15855-0002)</small>		
15855-0019	EA 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	55.88	12.36
	15MOD-0563 For Aluminum Liner, Add	1.39	
	15MOD-0564 For Stainless Steel Liner, Add	1.90	
	15MOD-0565 For High Temperature Breaching, Add	10.64	
	15MOD-0566 For Very High Temperature Breaching, Add	17.49	
15855-0020	EA 4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	62.38	13.05
	15MOD-0563 For Aluminum Liner, Add	1.64	
	15MOD-0564 For Stainless Steel Liner, Add	2.24	
	15MOD-0565 For High Temperature Breaching, Add	12.20	
	15MOD-0566 For Very High Temperature Breaching, Add	19.93	
15855-0021	EA 5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	70.17	13.88
	15MOD-0563 For Aluminum Liner, Add	1.96	
	15MOD-0564 For Stainless Steel Liner, Add	2.67	
	15MOD-0565 For High Temperature Breaching, Add	14.14	
	15MOD-0566 For Very High Temperature Breaching, Add	22.94	
15855-0022	EA 6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	78.11	14.79
	15MOD-0563 For Aluminum Liner, Add	2.28	
	15MOD-0564 For Stainless Steel Liner, Add	3.10	
	15MOD-0565 For High Temperature Breaching, Add	16.09	
	15MOD-0566 For Very High Temperature Breaching, Add	25.97	
15855-0023	EA 7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	94.71	15.83
	15MOD-0563 For Aluminum Liner, Add	3.04	
	15MOD-0564 For Stainless Steel Liner, Add	4.15	
	15MOD-0565 For High Temperature Breaching, Add	20.54	
	15MOD-0566 For Very High Temperature Breaching, Add	32.78	
15855-0024	EA 8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	112.02	17.08
	15MOD-0563 For Aluminum Liner, Add	3.81	
	15MOD-0564 For Stainless Steel Liner, Add	5.20	
	15MOD-0565 For High Temperature Breaching, Add	25.07	
	15MOD-0566 For Very High Temperature Breaching, Add	39.74	
15855-0025	EA 10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	205.86	18.54
	15MOD-0563 For Aluminum Liner, Add	8.77	
	15MOD-0564 For Stainless Steel Liner, Add	11.96	
	15MOD-0565 For High Temperature Breaching, Add	52.48	
	15MOD-0566 For Very High Temperature Breaching, Add	81.03	
15855-0026	EA 12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	251.51	20.20
	15MOD-0563 For Aluminum Liner, Add	11.06	
	15MOD-0564 For Stainless Steel Liner, Add	15.08	
	15MOD-0565 For High Temperature Breaching, Add	65.36	
	15MOD-0566 For Very High Temperature Breaching, Add	100.56	
15855-0027	EA 14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	330.89	21.17
	15MOD-0563 For Aluminum Liner, Add	15.29	
	15MOD-0564 For Stainless Steel Liner, Add	20.85	
	15MOD-0565 For High Temperature Breaching, Add	88.69	
	15MOD-0566 For Very High Temperature Breaching, Add	135.68	

15000 Mechanical
15800 Air Distribution
15855 Breaching And Smoke Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0028 EA 16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	410.38	22.21
15MOD-0563 For Aluminum Liner, Add	19.52	
15MOD-0564 For Stainless Steel Liner, Add	26.62	
15MOD-0565 For High Temperature Breaching, Add	112.03	
15MOD-0566 For Very High Temperature Breaching, Add	170.82	
15855-0029 EA 18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	535.48	23.40
15MOD-0563 For Aluminum Liner, Add	26.23	
15MOD-0564 For Stainless Steel Liner, Add	35.77	
15MOD-0565 For High Temperature Breaching, Add	148.94	
15MOD-0566 For Very High Temperature Breaching, Add	226.34	
15855-0030 EA 20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	751.21	37.00
15MOD-0563 For Aluminum Liner, Add	36.22	
15MOD-0564 For Stainless Steel Liner, Add	49.40	
15MOD-0565 For High Temperature Breaching, Add	206.84	
15MOD-0566 For Very High Temperature Breaching, Add	314.89	
15855-0031 EA 22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	999.31	39.22
15MOD-0563 For Aluminum Liner, Add	49.57	
15MOD-0564 For Stainless Steel Liner, Add	67.59	
15MOD-0565 For High Temperature Breaching, Add	280.18	
15MOD-0566 For Very High Temperature Breaching, Add	425.18	
15855-0032 EA 24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,130.28	41.65
15MOD-0563 For Aluminum Liner, Add	56.43	
15MOD-0564 For Stainless Steel Liner, Add	76.95	
15MOD-0565 For High Temperature Breaching, Add	318.24	
15MOD-0566 For Very High Temperature Breaching, Add	482.57	
15855-0033 45 Degree Elbows (15855-0002)		
15855-0034 EA 3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	45.38	12.36
15MOD-0563 For Aluminum Liner, Add	0.80	
15MOD-0564 For Stainless Steel Liner, Add	1.09	
15MOD-0565 For High Temperature Breaching, Add	7.45	
15MOD-0566 For Very High Temperature Breaching, Add	12.72	
15855-0035 EA 4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	49.85	13.05
15MOD-0563 For Aluminum Liner, Add	0.94	
15MOD-0564 For Stainless Steel Liner, Add	1.29	
15MOD-0565 For High Temperature Breaching, Add	8.42	
15MOD-0566 For Very High Temperature Breaching, Add	14.26	
15855-0036 EA 5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	54.91	13.88
15MOD-0563 For Aluminum Liner, Add	1.11	
15MOD-0564 For Stainless Steel Liner, Add	1.51	
15MOD-0565 For High Temperature Breaching, Add	9.53	
15MOD-0566 For Very High Temperature Breaching, Add	16.03	
15855-0037 EA 6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	61.19	14.79
15MOD-0563 For Aluminum Liner, Add	1.33	
15MOD-0564 For Stainless Steel Liner, Add	1.81	
15MOD-0565 For High Temperature Breaching, Add	10.96	
15MOD-0566 For Very High Temperature Breaching, Add	18.28	
15855-0038 EA 7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	74.31	15.83
15MOD-0563 For Aluminum Liner, Add	1.91	
15MOD-0564 For Stainless Steel Liner, Add	2.60	
15MOD-0565 For High Temperature Breaching, Add	14.36	
15MOD-0566 For Very High Temperature Breaching, Add	23.53	
15855-0039 EA 8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	82.55	17.08
15MOD-0563 For Aluminum Liner, Add	2.19	
15MOD-0564 For Stainless Steel Liner, Add	2.99	
15MOD-0565 For High Temperature Breaching, Add	16.23	
15MOD-0566 For Very High Temperature Breaching, Add	26.48	
15855-0040 EA 10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	145.95	18.54
15MOD-0563 For Aluminum Liner, Add	5.48	
15MOD-0564 For Stainless Steel Liner, Add	7.47	
15MOD-0565 For High Temperature Breaching, Add	34.53	
15MOD-0566 For Very High Temperature Breaching, Add	54.11	
15855-0041 EA 12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	176.13	20.20
15MOD-0563 For Aluminum Liner, Add	6.91	
15MOD-0564 For Stainless Steel Liner, Add	9.42	
15MOD-0565 For High Temperature Breaching, Add	42.75	
15MOD-0566 For Very High Temperature Breaching, Add	66.64	
15855-0042 EA 14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	229.68	21.17
15MOD-0563 For Aluminum Liner, Add	9.72	
15MOD-0564 For Stainless Steel Liner, Add	13.26	
15MOD-0565 For High Temperature Breaching, Add	58.32	
15MOD-0566 For Very High Temperature Breaching, Add	90.13	
15855-0043 EA 16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	277.36	22.21
15MOD-0563 For Aluminum Liner, Add	12.20	
15MOD-0564 For Stainless Steel Liner, Add	16.64	
15MOD-0565 For High Temperature Breaching, Add	72.11	
15MOD-0566 For Very High Temperature Breaching, Add	110.93	
15855-0044 EA 18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	356.56	23.40
15MOD-0563 For Aluminum Liner, Add	16.40	
15MOD-0564 For Stainless Steel Liner, Add	22.36	
15MOD-0565 For High Temperature Breaching, Add	95.28	
15MOD-0566 For Very High Temperature Breaching, Add	145.84	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0045	EA 20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	428.55	36.93
	15MOD-0563 For Aluminum Liner, Add	18.49	
	15MOD-0564 For Stainless Steel Liner, Add	25.22	
	15MOD-0565 For High Temperature Breaching, Add	110.10	
	15MOD-0566 For Very High Temperature Breaching, Add	169.77	
15855-0046	EA 22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	604.14	39.22
	15MOD-0563 For Aluminum Liner, Add	27.83	
	15MOD-0564 For Stainless Steel Liner, Add	37.96	
	15MOD-0565 For High Temperature Breaching, Add	161.63	
	15MOD-0566 For Very High Temperature Breaching, Add	247.35	
15855-0047	EA 24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	745.33	41.65
	15MOD-0563 For Aluminum Liner, Add	35.27	
	15MOD-0564 For Stainless Steel Liner, Add	48.10	
	15MOD-0565 For High Temperature Breaching, Add	202.79	
	15MOD-0566 For Very High Temperature Breaching, Add	309.39	
15855-0048	Tees <small>(15855-0002)</small>		
15855-0049	EA 3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	76.72	16.45
	15MOD-0563 For Aluminum Liner, Add	1.95	
	15MOD-0564 For Stainless Steel Liner, Add	2.66	
	15MOD-0565 For High Temperature Breaching, Add	14.78	
	15MOD-0566 For Very High Temperature Breaching, Add	24.23	
15855-0050	EA 4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	79.95	17.08
	15MOD-0563 For Aluminum Liner, Add	2.05	
	15MOD-0564 For Stainless Steel Liner, Add	2.79	
	15MOD-0565 For High Temperature Breaching, Add	15.45	
	15MOD-0566 For Very High Temperature Breaching, Add	25.31	
15855-0051	EA 5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	83.43	17.77
	15MOD-0563 For Aluminum Liner, Add	2.15	
	15MOD-0564 For Stainless Steel Liner, Add	2.93	
	15MOD-0565 For High Temperature Breaching, Add	16.14	
	15MOD-0566 For Very High Temperature Breaching, Add	26.44	
15855-0052	EA 6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	89.63	18.54
	15MOD-0563 For Aluminum Liner, Add	2.38	
	15MOD-0564 For Stainless Steel Liner, Add	3.25	
	15MOD-0565 For High Temperature Breaching, Add	17.63	
	15MOD-0566 For Very High Temperature Breaching, Add	28.76	
15855-0053	EA 7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	108.12	19.29
	15MOD-0563 For Aluminum Liner, Add	3.29	
	15MOD-0564 For Stainless Steel Liner, Add	4.49	
	15MOD-0565 For High Temperature Breaching, Add	22.77	
	15MOD-0566 For Very High Temperature Breaching, Add	36.57	
15855-0054	EA 8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	116.32	20.20
	15MOD-0563 For Aluminum Liner, Add	3.62	
	15MOD-0564 For Stainless Steel Liner, Add	4.94	
	15MOD-0565 For High Temperature Breaching, Add	24.80	
	15MOD-0566 For Very High Temperature Breaching, Add	39.73	
15855-0055	EA 10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	231.41	21.17
	15MOD-0563 For Aluminum Liner, Add	9.82	
	15MOD-0564 For Stainless Steel Liner, Add	13.39	
	15MOD-0565 For High Temperature Breaching, Add	58.85	
	15MOD-0566 For Very High Temperature Breaching, Add	90.91	
15855-0056	EA 12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	270.43	22.21
	15MOD-0563 For Aluminum Liner, Add	11.82	
	15MOD-0564 For Stainless Steel Liner, Add	16.12	
	15MOD-0565 For High Temperature Breaching, Add	70.03	
	15MOD-0566 For Very High Temperature Breaching, Add	107.82	
15855-0057	EA 14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	411.79	24.71
	15MOD-0563 For Aluminum Liner, Add	19.26	
	15MOD-0564 For Stainless Steel Liner, Add	26.26	
	15MOD-0565 For High Temperature Breaching, Add	111.20	
	15MOD-0566 For Very High Temperature Breaching, Add	169.88	
15855-0058	EA 16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	565.08	27.76
	15MOD-0563 For Aluminum Liner, Add	27.26	
	15MOD-0564 For Stainless Steel Liner, Add	37.18	
	15MOD-0565 For High Temperature Breaching, Add	155.65	
	15MOD-0566 For Very High Temperature Breaching, Add	236.94	
15855-0059	EA 18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	703.27	31.72
	15MOD-0563 For Aluminum Liner, Add	34.32	
	15MOD-0564 For Stainless Steel Liner, Add	46.80	
	15MOD-0565 For High Temperature Breaching, Add	195.12	
	15MOD-0566 For Very High Temperature Breaching, Add	296.64	
15855-0060	EA 20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	938.54	39.22
	15MOD-0563 For Aluminum Liner, Add	46.23	
	15MOD-0564 For Stainless Steel Liner, Add	63.05	
	15MOD-0565 For High Temperature Breaching, Add	261.97	
	15MOD-0566 For Very High Temperature Breaching, Add	397.86	
15855-0061	EA 22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,176.66	51.23
	15MOD-0563 For Aluminum Liner, Add	57.67	
	15MOD-0564 For Stainless Steel Liner, Add	78.64	
	15MOD-0565 For High Temperature Breaching, Add	327.38	
	15MOD-0566 For Very High Temperature Breaching, Add	497.48	

15000 Mechanical
15800 Air Distribution
15855 Breaching And Smoke Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0062 EA 24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,357.27	54.14
15MOD-0563 For Aluminum Liner, Add	67.20	
15MOD-0564 For Stainless Steel Liner, Add	91.64	
15MOD-0565 For High Temperature Breaching, Add	380.11	
15MOD-0566 For Very High Temperature Breaching, Add	576.93	
15855-0063 Vent Top Caps (15855-0002)		
15855-0064 EA 3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	37.57	9.65
15MOD-0563 For Aluminum Liner, Add	0.74	
15MOD-0564 For Stainless Steel Liner, Add	1.01	
15MOD-0565 For High Temperature Breaching, Add	6.44	
15MOD-0566 For Very High Temperature Breaching, Add	10.87	
15855-0065 EA 4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	39.39	10.13
15MOD-0563 For Aluminum Liner, Add	0.78	
15MOD-0564 For Stainless Steel Liner, Add	1.06	
15MOD-0565 For High Temperature Breaching, Add	6.77	
15MOD-0566 For Very High Temperature Breaching, Add	11.41	
15855-0066 EA 6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	52.28	11.11
15MOD-0563 For Aluminum Liner, Add	1.35	
15MOD-0564 For Stainless Steel Liner, Add	1.84	
15MOD-0565 For High Temperature Breaching, Add	10.13	
15MOD-0566 For Very High Temperature Breaching, Add	16.59	
15855-0067 EA 8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	55.34	12.36
15MOD-0563 For Aluminum Liner, Add	1.35	
15MOD-0564 For Stainless Steel Liner, Add	1.84	
15MOD-0565 For High Temperature Breaching, Add	10.44	
15MOD-0566 For Very High Temperature Breaching, Add	17.20	
15855-0068 EA 10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	68.76	13.05
15MOD-0563 For Aluminum Liner, Add	1.99	
15MOD-0564 For Stainless Steel Liner, Add	2.71	
15MOD-0565 For High Temperature Breaching, Add	14.10	
15MOD-0566 For Very High Temperature Breaching, Add	22.79	
15855-0069 EA 12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	82.37	13.88
15MOD-0563 For Aluminum Liner, Add	2.62	
15MOD-0564 For Stainless Steel Liner, Add	3.57	
15MOD-0565 For High Temperature Breaching, Add	17.77	
15MOD-0566 For Very High Temperature Breaching, Add	28.39	
15855-0070 EA 16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	206.89	15.83
15MOD-0563 For Aluminum Liner, Add	9.20	
15MOD-0564 For Stainless Steel Liner, Add	12.54	
15MOD-0565 For High Temperature Breaching, Add	54.14	
15MOD-0566 For Very High Temperature Breaching, Add	83.19	
15855-0071 EA 18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	392.74	19.85
15MOD-0563 For Aluminum Liner, Add	18.87	
15MOD-0564 For Stainless Steel Liner, Add	25.74	
15MOD-0565 For High Temperature Breaching, Add	107.91	
15MOD-0566 For Very High Temperature Breaching, Add	164.34	
15855-0072 EA 20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	735.44	23.81
15MOD-0563 For Aluminum Liner, Add	37.18	
15MOD-0564 For Stainless Steel Liner, Add	50.70	
15MOD-0565 For High Temperature Breaching, Add	208.73	
15MOD-0566 For Very High Temperature Breaching, Add	316.07	
15855-0073 EA 24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	1,227.21	33.32
15MOD-0563 For Aluminum Liner, Add	62.91	
15MOD-0564 For Stainless Steel Liner, Add	85.79	
15MOD-0565 For High Temperature Breaching, Add	351.50	
15MOD-0566 For Very High Temperature Breaching, Add	531.42	
15855-0074 Wall Thimbles (15855-0002)		
15855-0075 EA 3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	14.51	5.20
15MOD-0563 For Aluminum Liner, Add	0.08	
15MOD-0564 For Stainless Steel Liner, Add	0.12	
15MOD-0565 For High Temperature Breaching, Add	1.76	
15MOD-0566 For Very High Temperature Breaching, Add	3.29	
15855-0076 EA 4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	18.30	6.66
15MOD-0563 For Aluminum Liner, Add	0.09	
15MOD-0564 For Stainless Steel Liner, Add	0.12	
15MOD-0565 For High Temperature Breaching, Add	2.15	
15MOD-0566 For Very High Temperature Breaching, Add	4.06	
15855-0077 EA 5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	24.33	8.95
15MOD-0563 For Aluminum Liner, Add	0.11	
15MOD-0564 For Stainless Steel Liner, Add	0.15	
15MOD-0565 For High Temperature Breaching, Add	2.82	
15MOD-0566 For Very High Temperature Breaching, Add	5.35	
15855-0078 EA 7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	30.52	11.11
15MOD-0563 For Aluminum Liner, Add	0.15	
15MOD-0564 For Stainless Steel Liner, Add	0.21	
15MOD-0565 For High Temperature Breaching, Add	3.60	
15MOD-0566 For Very High Temperature Breaching, Add	6.79	
15855-0079 EA 10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	44.58	14.99
15MOD-0563 For Aluminum Liner, Add	0.39	
15MOD-0564 For Stainless Steel Liner, Add	0.53	
15MOD-0565 For High Temperature Breaching, Add	5.88	
15MOD-0566 For Very High Temperature Breaching, Add	10.69	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0080	EA 12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	56.56 0.55 0.75 7.67 13.82	18.60
15855-0081	EA 14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	72.58 0.94 1.28 10.67 18.78	22.21
15855-0082	EA 18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	96.45 1.68 2.29 15.75 26.92	26.38
15855-0083	EA 22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	134.20 3.37 4.60 25.68 42.17	29.15
15855-0084	Adjustable Roof Flashing (15855-0002)		
15855-0085	EA 3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	40.80 0.55 0.75 6.07 10.65	12.36
15855-0086	EA 4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	45.52 0.71 0.96 7.12 12.31	13.05
15855-0087	EA 6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	58.49 1.18 1.61 10.15 17.07	14.79
15855-0088	EA 8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	72.07 1.62 2.20 13.08 21.76	17.08
15855-0089	EA 10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	126.89 4.43 6.04 28.81 45.53	18.54
15855-0090	EA 12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	152.72 5.62 7.67 35.72 56.11	20.20
15855-0091	EA 14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	181.20 6.91 9.42 43.25 67.66	22.21
15855-0092	EA 16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	217.77 8.58 11.70 52.98 82.55	24.71
15855-0093	EA 18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	338.09 14.78 20.15 87.54 134.78	27.76
15855-0094	EA 20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	366.39 15.06 20.54 91.41 141.74	37.00
15855-0095	EA 22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	465.66 19.07 26.00 115.89 179.79	47.62
15855-0096	EA 24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe 15MOD-0563 For Aluminum Liner, Add 15MOD-0564 For Stainless Steel Liner, Add 15MOD-0565 For High Temperature Breaching, Add 15MOD-0566 For Very High Temperature Breaching, Add	554.79 22.88 31.20 138.67 214.95	55.54
15855-0097	Galvanized Storm Collars (15855-0002)		

15000 Mechanical**15800 Air Distribution****15855 Breaching And Smoke Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0098	EA	3" Round Galvanized Storm Collar, Double Wall	15.85	5.20
	15MOD-0563	For Aluminum Liner, Add	0.16	
	15MOD-0564	For Stainless Steel Liner, Add	0.22	
	15MOD-0565	For High Temperature Breaching, Add	2.16	
	15MOD-0566	For Very High Temperature Breaching, Add	3.89	
15855-0099	EA	4" Round Galvanized Storm Collar, Double Wall	19.96	6.66
	15MOD-0563	For Aluminum Liner, Add	0.18	
	15MOD-0564	For Stainless Steel Liner, Add	0.25	
	15MOD-0565	For High Temperature Breaching, Add	2.66	
	15MOD-0566	For Very High Temperature Breaching, Add	4.82	
15855-0100	EA	5" Round Galvanized Storm Collar, Double Wall	23.55	7.77
	15MOD-0563	For Aluminum Liner, Add	0.23	
	15MOD-0564	For Stainless Steel Liner, Add	0.31	
	15MOD-0565	For High Temperature Breaching, Add	3.18	
	15MOD-0566	For Very High Temperature Breaching, Add	5.74	
15855-0101	EA	6" Round Galvanized Storm Collar, Double Wall	27.15	8.88
	15MOD-0563	For Aluminum Liner, Add	0.27	
	15MOD-0564	For Stainless Steel Liner, Add	0.37	
	15MOD-0565	For High Temperature Breaching, Add	3.70	
	15MOD-0566	For Very High Temperature Breaching, Add	6.66	
15855-0102	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	34.33	11.11
	15MOD-0563	For Aluminum Liner, Add	0.36	
	15MOD-0564	For Stainless Steel Liner, Add	0.49	
	15MOD-0565	For High Temperature Breaching, Add	4.75	
	15MOD-0566	For Very High Temperature Breaching, Add	8.51	
15855-0103	EA	10" Round Galvanized Storm Collar, Double Wall	47.78	14.99
	15MOD-0563	For Aluminum Liner, Add	0.57	
	15MOD-0564	For Stainless Steel Liner, Add	0.77	
	15MOD-0565	For High Temperature Breaching, Add	6.84	
	15MOD-0566	For Very High Temperature Breaching, Add	12.13	
15855-0104	EA	12" Round Galvanized Storm Collar, Double Wall	58.87	18.60
	15MOD-0563	For Aluminum Liner, Add	0.68	
	15MOD-0564	For Stainless Steel Liner, Add	0.93	
	15MOD-0565	For High Temperature Breaching, Add	8.36	
	15MOD-0566	For Very High Temperature Breaching, Add	14.86	
15855-0105	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	76.51	22.21
	15MOD-0563	For Aluminum Liner, Add	1.15	
	15MOD-0564	For Stainless Steel Liner, Add	1.57	
	15MOD-0565	For High Temperature Breaching, Add	11.85	
	15MOD-0566	For Very High Temperature Breaching, Add	20.55	
15855-0106	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	103.91	26.38
	15MOD-0563	For Aluminum Liner, Add	2.09	
	15MOD-0564	For Stainless Steel Liner, Add	2.85	
	15MOD-0565	For High Temperature Breaching, Add	17.99	
	15MOD-0566	For Very High Temperature Breaching, Add	30.27	
15855-0107	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	152.88	29.15
	15MOD-0563	For Aluminum Liner, Add	4.40	
	15MOD-0564	For Stainless Steel Liner, Add	6.00	
	15MOD-0565	For High Temperature Breaching, Add	31.29	
	15MOD-0566	For Very High Temperature Breaching, Add	50.58	
15855-0108		Oval Galvanized Double Wall Flue/Vent Pipe And Fittings <small>(15855-0001)</small>		
15855-0109		Oval Galvanized Double Wall Flue/Vent Pipe <small>(15855-0108)</small>		
15855-0110	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breach/Smoke Pipe	28.74	6.52
	15MOD-0565	For High Temperature Breaching, Add	5.36	
	15MOD-0566	For Very High Temperature Breaching, Add	8.86	
15855-0111	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breach/Smoke Pipe	31.98	6.95
	15MOD-0565	For High Temperature Breaching, Add	6.15	
	15MOD-0566	For Very High Temperature Breaching, Add	10.08	
15855-0112	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breach/Smoke Pipe	35.64	7.43
	15MOD-0565	For High Temperature Breaching, Add	6.99	
	15MOD-0566	For Very High Temperature Breaching, Add	11.41	
15855-0113		45 Degree Elbows <small>(15855-0108)</small>		
15855-0114	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breach/Smoke Pipe	63.63	13.54
	15MOD-0565	For High Temperature Breaching, Add	12.32	
	15MOD-0566	For Very High Temperature Breaching, Add	20.17	
15855-0115	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breach/Smoke Pipe	74.23	15.83
	15MOD-0565	For High Temperature Breaching, Add	14.36	
	15MOD-0566	For Very High Temperature Breaching, Add	23.51	
15855-0116	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breach/Smoke Pipe	89.24	17.91
	15MOD-0565	For High Temperature Breaching, Add	17.81	
	15MOD-0566	For Very High Temperature Breaching, Add	28.96	
15855-0117	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breach/Smoke Pipe	65.12	13.54
	15MOD-0565	For High Temperature Breaching, Add	12.76	
	15MOD-0566	For Very High Temperature Breaching, Add	20.84	
15855-0118	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breach/Smoke Pipe	77.85	15.83
	15MOD-0565	For High Temperature Breaching, Add	15.44	
	15MOD-0566	For Very High Temperature Breaching, Add	25.14	
15855-0119	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breach/Smoke Pipe	91.58	17.91
	15MOD-0565	For High Temperature Breaching, Add	18.52	
	15MOD-0566	For Very High Temperature Breaching, Add	30.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0120 Tees <small>(15855-0108)</small>		
15855-0121 EA 4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	108.20	20.54
15MOD-0565 For High Temperature Breaching, Add	22.18	
15MOD-0566 For Very High Temperature Breaching, Add	35.84	
15855-0122 EA 4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	110.54	20.54
15MOD-0565 For High Temperature Breaching, Add	22.88	
15MOD-0566 For Very High Temperature Breaching, Add	36.89	
15855-0123 EA 5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	127.05	23.60
15MOD-0565 For High Temperature Breaching, Add	26.32	
15MOD-0566 For Very High Temperature Breaching, Add	42.42	
15855-0124 EA 6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	145.86	26.45
15MOD-0565 For High Temperature Breaching, Add	30.54	
15MOD-0566 For Very High Temperature Breaching, Add	49.11	
15855-0125 Tops/Caps And Adjustable Flashing <small>(15855-0108)</small>		
15855-0126 EA 4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	42.45	6.66
15MOD-0565 For High Temperature Breaching, Add	9.39	
15MOD-0566 For Very High Temperature Breaching, Add	14.92	
15855-0127 EA 6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	67.58	8.95
15MOD-0565 For High Temperature Breaching, Add	15.80	
15MOD-0566 For Very High Temperature Breaching, Add	24.81	
15855-0128 EA 4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	33.31	6.66
15MOD-0565 For High Temperature Breaching, Add	6.65	
15MOD-0566 For Very High Temperature Breaching, Add	10.81	
15855-0129 EA 6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	58.97	8.95
15MOD-0565 For High Temperature Breaching, Add	13.21	
15MOD-0566 For Very High Temperature Breaching, Add	20.94	
15855-0130 Storm Collars <small>(15855-0108)</small>		
15855-0131 EA 4" Oval Galvanized Storm Collar, Double Wall	19.96	6.66
15MOD-0565 For High Temperature Breaching, Add	2.66	
15MOD-0566 For Very High Temperature Breaching, Add	4.82	
15855-0132 EA 5" Oval Galvanized Storm Collar, Double Wall	23.55	7.77
15MOD-0565 For High Temperature Breaching, Add	3.18	
15MOD-0566 For Very High Temperature Breaching, Add	5.74	
15855-0133 EA 6" Oval Galvanized Storm Collar, Double Wall	27.15	8.88
15MOD-0565 For High Temperature Breaching, Add	3.70	
15MOD-0566 For Very High Temperature Breaching, Add	6.66	
15855-0134 Round Double Wall Flue/Vent Pipe And Fittings <small>(15855-0001)</small>		
Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
15855-0135 Round Double Wall Flue/Vent Pipe <small>(15855-0134)</small>		
Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
15855-0136 LF 6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	73.28	7.43
15MOD-0567 For 316 Stainless Steel, Add	8.76	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	5.47	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	10.95	
15855-0137 LF 8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	88.19	8.54
15MOD-0567 For 316 Stainless Steel, Add	10.69	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	6.68	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	13.36	
15855-0138 LF 10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	97.97	9.23
15MOD-0567 For 316 Stainless Steel, Add	11.98	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	7.49	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	14.97	
15855-0139 LF 12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	110.56	10.06
15MOD-0567 For 316 Stainless Steel, Add	13.65	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	8.53	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	17.07	
15855-0140 LF 14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	124.66	10.55
15MOD-0567 For 316 Stainless Steel, Add	15.71	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	9.82	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	19.64	
15855-0141 LF 16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	131.65	11.11
15MOD-0567 For 316 Stainless Steel, Add	16.61	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	10.38	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	20.77	
15855-0142 LF 18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	145.98	11.73
15MOD-0567 For 316 Stainless Steel, Add	18.68	
15MOD-0573 For 2" Instead Of 1" Thickness, Add	11.67	
15MOD-0574 For 3" Instead Of 1" Thickness, Add	23.34	

15000 Mechanical**15800 Air Distribution****15855 Breaching And Smoke Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0143	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	179.93	18.54
		15MOD-0567 For 316 Stainless Steel, Add	21.38	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	13.36	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	26.73	
15855-0144	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	224.35	20.83
		15MOD-0567 For 316 Stainless Steel, Add	27.56	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	17.23	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	34.45	
15855-0145		90 Degree Elbows <small>(15855-0134)</small>		
15855-0146	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	349.05	15.34
		15MOD-0568 For 316 Stainless Steel, Add	62.14	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	31.07	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	62.14	
15855-0147	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	385.60	17.08
		15MOD-0568 For 316 Stainless Steel, Add	68.58	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	34.29	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	68.58	
15855-0148	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	439.15	18.54
		15MOD-0568 For 316 Stainless Steel, Add	78.57	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	39.28	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	78.57	
15855-0149	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	496.43	20.20
		15MOD-0568 For 316 Stainless Steel, Add	89.19	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	44.60	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	89.19	
15855-0150	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	576.14	21.17
		15MOD-0568 For 316 Stainless Steel, Add	104.65	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	52.32	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	104.65	
15855-0151	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	635.12	22.21
		15MOD-0568 For 316 Stainless Steel, Add	115.92	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	57.96	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	115.92	
15855-0152	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	734.63	23.40
		15MOD-0568 For 316 Stainless Steel, Add	135.24	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	67.62	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	135.24	
15855-0153	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	849.24	37.00
		15MOD-0568 For 316 Stainless Steel, Add	151.34	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	75.67	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	151.34	
15855-0154	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,045.95	41.65
		15MOD-0568 For 316 Stainless Steel, Add	188.37	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	94.18	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	188.37	
15855-0155		45 Degree Elbows <small>(15855-0134)</small>		
15855-0156	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	231.81	14.79
		15MOD-0568 For 316 Stainless Steel, Add	38.96	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	19.48	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	38.96	
15855-0157	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	264.86	17.08
		15MOD-0568 For 316 Stainless Steel, Add	44.44	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	22.22	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	44.44	
15855-0158	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	294.24	18.54
		15MOD-0568 For 316 Stainless Steel, Add	49.59	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	24.79	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	49.59	
15855-0159	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	335.43	20.20
		15MOD-0568 For 316 Stainless Steel, Add	56.99	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	28.50	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	56.99	
15855-0160	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	378.11	21.17
		15MOD-0568 For 316 Stainless Steel, Add	65.04	
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	32.52	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	65.04	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0161	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	424.21	22.21
	15MOD-0568	For 316 Stainless Steel, Add	73.74	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	36.87	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	73.74	
15855-0162	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	475.42	23.40
	15MOD-0568	For 316 Stainless Steel, Add	83.40	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	41.70	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	83.40	
15855-0163	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	569.11	37.00
	15MOD-0568	For 316 Stainless Steel, Add	95.31	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	47.66	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	95.31	
15855-0164	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	715.91	41.65
	15MOD-0568	For 316 Stainless Steel, Add	122.36	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	61.18	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	122.36	
15855-0165		Tees <small>(15855-0134)</small>		
15855-0166	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	250.79	18.54
	15MOD-0569	For 316 Stainless Steel, Add	44.98	
	15MOD-0570	For Tee Cap, Add	57.11	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	20.45	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	40.89	
15855-0167	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	285.53	20.20
	15MOD-0569	For 316 Stainless Steel, Add	51.71	
	15MOD-0570	For Tee Cap, Add	64.68	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	23.51	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	47.01	
15855-0168	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	328.18	21.17
	15MOD-0569	For 316 Stainless Steel, Add	60.57	
	15MOD-0570	For Tee Cap, Add	73.57	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	27.53	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	55.06	
15855-0169	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	377.51	22.21
	15MOD-0569	For 316 Stainless Steel, Add	70.84	
	15MOD-0570	For Tee Cap, Add	83.83	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	32.20	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	64.40	
15855-0170	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	441.65	24.71
	15MOD-0569	For 316 Stainless Steel, Add	83.59	
	15MOD-0570	For Tee Cap, Add	97.59	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	38.00	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	75.99	
15855-0171	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	496.01	27.76
	15MOD-0569	For 316 Stainless Steel, Add	93.86	
	15MOD-0570	For Tee Cap, Add	109.61	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	42.66	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	85.33	
15855-0172	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	578.36	31.72
	15MOD-0569	For 316 Stainless Steel, Add	109.80	
	15MOD-0570	For Tee Cap, Add	127.56	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	49.91	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	99.82	
15855-0173	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	661.49	39.22
	15MOD-0569	For 316 Stainless Steel, Add	123.97	
	15MOD-0570	For Tee Cap, Add	147.00	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	56.35	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	112.70	
15855-0174	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	839.17	55.54
	15MOD-0569	For 316 Stainless Steel, Add	154.07	
	15MOD-0570	For Tee Cap, Add	188.66	
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	70.03	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	140.07	
15855-0175		Bellows <small>(15855-0134)</small>		
15855-0176	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	478.13	14.79
	15MOD-0573	For 2" Instead Of 1" Thickness, Add	44.11	
	15MOD-0574	For 3" Instead Of 1" Thickness, Add	88.23	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0177	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	520.84	17.08
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	47.82	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	95.63	
15855-0178	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	569.56	18.54
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	52.32	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	104.65	
15855-0179	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	630.06	20.20
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	57.96	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	115.92	
15855-0180	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	704.94	21.17
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	65.20	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	130.41	
15855-0181	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	780.02	22.21
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	72.45	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	144.90	
15855-0182	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	871.47	23.40
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	81.30	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	162.61	
15855-0183	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,010.23	37.00
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	91.77	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	183.54	
15855-0184	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,247.21	41.65
		15MOD-0573 For 2" Instead Of 1" Thickness, Add	114.31	
		15MOD-0574 For 3" Instead Of 1" Thickness, Add	228.62	
15855-0185		Ventilated Roof Thimbles <small>(15855-0134)</small>		
15855-0186	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	316.40	17.08
		15MOD-0571 For 316 Stainless Steel, Add	27.37	
15855-0187	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	343.48	20.20
		15MOD-0571 For 316 Stainless Steel, Add	29.30	
15855-0188	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	375.89	22.21
		15MOD-0571 For 316 Stainless Steel, Add	32.04	
15855-0189	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	406.28	24.71
		15MOD-0571 For 316 Stainless Steel, Add	34.45	
15855-0190	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	517.74	26.17
		15MOD-0571 For 316 Stainless Steel, Add	45.24	
15855-0191	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	462.24	27.76
		15MOD-0571 For 316 Stainless Steel, Add	39.28	
15855-0192	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	497.49	29.64
		15MOD-0571 For 316 Stainless Steel, Add	42.34	
15855-0193	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	558.14	41.65
		15MOD-0571 For 316 Stainless Steel, Add	45.40	
15855-0194	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	626.01	47.55
		15MOD-0571 For 316 Stainless Steel, Add	50.71	
15855-0195		Exit Cones <small>(15855-0134)</small>		
15855-0196	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	218.98	9.65
15855-0197	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	230.92	10.55
15855-0198	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	248.33	11.11
15855-0199	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	259.45	11.66
15855-0200	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	285.99	12.01
15855-0201	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	312.54	12.29
15855-0202	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	379.45	12.70
15855-0203	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	473.27	23.81
15855-0204	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	595.35	25.62



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0205	Vent Top Caps <small>(15855-0134)</small>		
15855-0206	EA 6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	239.85	9.65
15855-0207	EA 8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	277.60	10.55
15855-0208	EA 10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	322.36	11.11
15855-0209	EA 12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	370.51	11.66
15855-0210	EA 14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	432.47	12.01
15855-0211	EA 16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	491.29	12.36
15855-0212	EA 18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	546.91	12.70
15855-0213	EA 20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	655.13	23.81
15855-0214	EA 24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	780.50	25.62
15855-0215	Roof Support Assemblies <small>(15855-0134)</small>		
15855-0216	EA 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	361.53	17.77
	15MOD-0572 For 316 Stainless Steel, Add	63.43	
15855-0217	EA 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	399.04	21.17
	15MOD-0572 For 316 Stainless Steel, Add	69.23	
15855-0218	EA 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	438.36	23.40
	15MOD-0572 For 316 Stainless Steel, Add	75.99	
15855-0219	EA 12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	467.77	26.10
	15MOD-0572 For 316 Stainless Steel, Add	80.50	
15855-0220	EA 14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	521.82	27.76
	15MOD-0572 For 316 Stainless Steel, Add	90.48	
15855-0221	EA 16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	553.82	29.64
	15MOD-0572 For 316 Stainless Steel, Add	95.95	
15855-0222	EA 18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	594.59	31.79
	15MOD-0572 For 316 Stainless Steel, Add	103.04	
15855-0223	EA 20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	658.45	44.43
	15MOD-0572 For 316 Stainless Steel, Add	109.48	
15855-0224	EA 24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	739.96	51.30
	15MOD-0572 For 316 Stainless Steel, Add	122.36	
15855-0225	Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings <small>(15855-0001)</small>		
	Note: With 1" insulation		
15855-0226	Round Stainless Steel Double Wall Flue/Vent Pipe <small>(15855-0225)</small>		
	Note: With 1" insulation		
15855-0227	LF 6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	63.62	7.43
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	4.51	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	9.02	
15855-0228	LF 7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	77.81	7.91
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	5.80	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	11.59	
15855-0229	LF 8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	89.00	8.54
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	6.76	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	13.52	
15855-0230	LF 10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	121.28	9.23
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	9.82	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	19.64	
15855-0231	LF 12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	157.28	10.13
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	13.20	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	26.40	
15855-0232	LF 14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	200.39	10.63
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	17.39	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	34.78	
15855-0233	90 Degree Elbows <small>(15855-0225)</small>		
15855-0234	EA 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	137.65	14.79
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	10.06	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	20.12	
15855-0235	EA 7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	152.33	15.83
	15MOD-0575 For 2" Instead Of 1" Thickness, Add	11.27	
	15MOD-0576 For 3" Instead Of 1" Thickness, Add	22.54	

15000 Mechanical
15800 Air Distribution
15855 Breaching And Smoke Pipe



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0236 EA 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	171.51	17.08
15MOD-0575 For 2" Instead Of 1" Thickness, Add	12.88	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	25.76	
15855-0237 EA 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	213.74	18.54
15MOD-0575 For 2" Instead Of 1" Thickness, Add	16.74	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	33.49	
15855-0238 EA 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	254.94	20.20
15MOD-0575 For 2" Instead Of 1" Thickness, Add	20.45	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	40.89	
15855-0239 EA 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	297.58	21.17
15MOD-0575 For 2" Instead Of 1" Thickness, Add	24.47	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	48.94	
15855-0240 45 Degree Elbows (15855-0225)		
15855-0241 EA 6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	112.50	14.79
15MOD-0575 For 2" Instead Of 1" Thickness, Add	7.55	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	15.09	
15855-0242 EA 7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	124.15	15.83
15MOD-0575 For 2" Instead Of 1" Thickness, Add	8.45	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	16.90	
15855-0243 EA 8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	139.31	17.08
15MOD-0575 For 2" Instead Of 1" Thickness, Add	9.66	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	19.32	
15855-0244 EA 10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	171.88	18.54
15MOD-0575 For 2" Instead Of 1" Thickness, Add	12.56	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	25.12	
15855-0245 EA 12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	203.81	20.20
15MOD-0575 For 2" Instead Of 1" Thickness, Add	15.34	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	30.67	
15855-0246 EA 14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	236.43	21.17
15MOD-0575 For 2" Instead Of 1" Thickness, Add	18.35	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	36.71	
15855-0247 Tees With Tee Caps (15855-0225)		
15855-0248 EA 6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	226.98	14.79
15MOD-0575 For 2" Instead Of 1" Thickness, Add	19.00	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	38.00	
15855-0249 EA 7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	287.58	15.83
15MOD-0575 For 2" Instead Of 1" Thickness, Add	24.79	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	49.59	
15855-0250 EA 8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	322.82	17.08
15MOD-0575 For 2" Instead Of 1" Thickness, Add	28.01	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	56.03	
15855-0251 EA 10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	440.69	18.54
15MOD-0575 For 2" Instead Of 1" Thickness, Add	39.44	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	78.89	
15855-0252 EA 12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	605.88	20.20
15MOD-0575 For 2" Instead Of 1" Thickness, Add	55.54	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	111.09	
15855-0253 EA 14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	777.33	21.17
15MOD-0575 For 2" Instead Of 1" Thickness, Add	72.45	
15MOD-0576 For 3" Instead Of 1" Thickness, Add	144.90	
15855-0254 Joist Shields (15855-0225)		
15855-0255 EA 6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	94.96	14.79
15855-0256 EA 7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	102.43	15.83
15855-0257 EA 8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	119.97	17.08
15855-0258 EA 10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	150.16	18.54
15855-0259 EA 12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	180.06	20.20
15855-0260 EA 14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	213.86	21.17
15855-0261 Adjustable Roof Flashing (15855-0225)		
15855-0262 EA 6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	113.47	14.79
15855-0263 EA 7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	126.57	15.83
15855-0264 EA 8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	137.67	17.08
15855-0265 EA 10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	167.86	18.54
15855-0266 EA 12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	207.48	20.20
15855-0267 EA 14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	249.26	21.10
15855-0268 Vent Top Caps (15855-0225)		
15855-0269 EA 6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	101.40	14.79
15855-0270 EA 7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	127.37	15.83
15855-0271 EA 8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	160.22	17.08
15855-0272 EA 10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	257.24	18.54
15855-0273 EA 12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	351.56	20.20
15855-0274 EA 14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	448.92	21.17



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15855-0275	Roof Support Assemblies <small>(15855-0225)</small>		
15855-0276	EA 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	152.06	14.79
15855-0277	EA 7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	169.23	15.83
15855-0278	EA 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	183.55	17.08
15855-0279	EA 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	231.42	18.54
15855-0280	EA 12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	274.26	20.20
15855-0281	EA 14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	336.23	21.17
15855-0282	PVC Flue/Vent Accessories <small>(15855-0001)</small>		
15855-0283	Concentric PVC Vent Termination <small>(15855-0282)</small>		
15855-0284	EA 2" Concentric PVC Vent Termination.....	124.45	28.27
15855-0285	EA 3" Concentric PVC Vent Termination.....	134.15	28.27
15855-0286	Vertical Discharge Fans <small>(15855)</small>		
	Note: Includes chimney adapter. Excludes wiring.		
15855-0287	Axial Vane Vertical Discharge Fans <small>(15855-0286)</small>		
15855-0288	EA 450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,461.76	152.71
15855-0289	EA 950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,935.11	166.60
15855-0290	EA 1400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,749.57	183.95
15855-0291	EA 1800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	6,250.67	213.45
15855-0292	Centrifugal Impeller Vertical Discharge Fans <small>(15855-0286)</small>		
15855-0293	EA 700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,188.89	166.60
15855-0294	EA 1100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	5,139.53	183.95
15855-0295	EA 2300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	6,712.13	215.19
15855-0296	EA 3000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	7,971.02	241.21
15855-0297	Accessories For Vertical Discharge Fans <small>(15855-0286)</small>		
15855-0298	EA Modulating Fan Controller And Sensor.....	438.31	52.06
15855-0299	Flue Shutter Dampers <small>(15855-0286)</small>		
15855-0300	EA 8" Flue Size, Shutter Damper.....	810.51	69.42
15855-0301	EA 9" Flue Size, Shutter Damper.....	877.12	73.92
15855-0302	EA 10" Flue Size, Shutter Damper.....	906.72	79.13
15855-0303	EA 12" Flue Size, Shutter Damper.....	995.97	85.38
15855-0304	EA 14" Flue Size, Shutter Damper.....	1,125.69	92.67
15855-0305	EA 16" Flue Size, Shutter Damper.....	1,219.10	101.00
15855-0306	EA 18" Flue Size, Shutter Damper.....	1,335.19	111.06
15855-0307	EA 20" Flue Size, Shutter Damper.....	1,484.92	123.56
15855-0308	EA 22" Flue Size, Shutter Damper.....	1,640.23	138.83
15855-0309	EA 24" Flue Size, Shutter Damper.....	1,804.55	158.61
15860	Duct Accessories <small>(15800)</small>		
15860-0001	Factory Fabricated Preinsulated Flexible Duct <small>(15860)</small>		
15860-0002	LF Up To 4" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	5.45	0.76
15860-0003	LF 5" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	6.06	1.51
15860-0004	LF 6" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	7.08	1.51
15860-0005	LF 7" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	8.21	1.51
15860-0006	LF 8" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	9.77	2.26
15860-0007	LF 10" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	12.35	2.26
15860-0008	LF 12" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	16.59	3.01
15860-0009	LF 14" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	20.21	3.01
15860-0010	LF 16" Diameter Flexible Duct, Factory Fabricated, Preinsulated.....	25.82	3.77
15860-0011	Collars, Sheet Metal Spin-In Type With Damper <small>(15860)</small>		
15860-0012	EA Up To 4" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	33.16	4.52
	<i>15MOD-0562 For Stainless Steel, Add</i>	21.06	
15860-0013	EA 5" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	35.79	5.28
	<i>15MOD-0562 For Stainless Steel, Add</i>	21.33	
15860-0014	EA 6" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	40.71	5.28
	<i>15MOD-0562 For Stainless Steel, Add</i>	23.53	
15860-0015	EA 7" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	45.81	6.78
	<i>15MOD-0562 For Stainless Steel, Add</i>	24.27	
15860-0016	EA 8" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	55.01	8.29
	<i>15MOD-0562 For Stainless Steel, Add</i>	27.42	
15860-0017	EA 10" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	64.76	9.79
	<i>15MOD-0562 For Stainless Steel, Add</i>	33.80	
15860-0018	EA 12" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	73.24	11.31
	<i>15MOD-0562 For Stainless Steel, Add</i>	36.43	

15000 Mechanical
15800 Air Distribution
15860 Duct Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15860-0019 EA 14" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	87.09	12.81
15MOD-0562 For Stainless Steel, Add	45.60	
15860-0020 EA 16" Diameter Flexible Duct Collar, Spin-In Type, Sheet Metal, With Damper.....	94.91	14.32
15MOD-0562 For Stainless Steel, Add	49.89	
15860-0021 Duct Register Boots (15860)		
15860-0022 EA 10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	27.91	9.42
15MOD-0577 For Stainless Steel, Add	11.79	
15860-0023 EA 10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	27.91	9.42
15MOD-0577 For Stainless Steel, Add	11.79	
15860-0024 EA 12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	29.61	10.18
15MOD-0577 For Stainless Steel, Add	12.05	
15860-0025 EA 12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	29.61	10.18
15MOD-0577 For Stainless Steel, Add	12.05	
15860-0026 EA 12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	31.85	10.18
15MOD-0577 For Stainless Steel, Add	14.96	
15860-0027 EA 14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	32.24	10.93
15MOD-0577 For Stainless Steel, Add	13.49	
15860-0028 EA 14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	32.24	10.93
15MOD-0577 For Stainless Steel, Add	13.49	
15860-0029 EA 14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	33.63	10.93
15MOD-0577 For Stainless Steel, Add	15.30	
15860-0030 EA 10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	31.53	11.68
15MOD-0577 For Stainless Steel, Add	10.61	
15860-0031 EA 12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	33.27	12.43
15MOD-0577 For Stainless Steel, Add	10.92	
15860-0032 EA 12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	38.98	12.43
15MOD-0577 For Stainless Steel, Add	18.34	
15860-0033 EA 14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	35.29	13.19
15MOD-0577 For Stainless Steel, Add	11.58	
15860-0034 EA 14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	40.87	13.19
15MOD-0577 For Stainless Steel, Add	18.84	
15860-0035 EA 12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel.....	28.26	10.18
15MOD-0577 For Stainless Steel, Add	10.30	
15860-0036 EA 12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	28.26	10.18
15MOD-0577 For Stainless Steel, Add	10.30	
15860-0037 EA 14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	30.69	10.93
15MOD-0577 For Stainless Steel, Add	11.48	
15860-0038 EA 14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel.....	32.02	10.93
15MOD-0577 For Stainless Steel, Add	13.21	
15860-0039 EA 10" x 4" x 6" Register Boot, Center, Galvanized Steel.....	31.71	11.68
15MOD-0577 For Stainless Steel, Add	10.84	
15860-0040 EA 12" x 4" x 6" Register Boot, Center, Galvanized Steel.....	33.43	12.43
15MOD-0577 For Stainless Steel, Add	11.13	
15860-0041 EA 12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	29.17	10.18
15MOD-0577 For Stainless Steel, Add	11.48	
15860-0042 EA 14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	31.23	10.93
15MOD-0577 For Stainless Steel, Add	12.18	
15860-0043 EA 10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	27.91	9.42
15MOD-0577 For Stainless Steel, Add	11.79	
15860-0044 EA 12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	29.61	10.18
15MOD-0577 For Stainless Steel, Add	12.05	
15860-0045 EA 14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel.....	32.24	10.93
15MOD-0577 For Stainless Steel, Add	13.49	
15860-0046 EA 14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	32.24	10.93
15MOD-0577 For Stainless Steel, Add	13.49	
15860-0047 EA 10" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	31.53	11.68
15MOD-0577 For Stainless Steel, Add	10.61	
15860-0048 EA 12" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	33.27	12.43
15MOD-0577 For Stainless Steel, Add	10.92	
15860-0049 EA 12" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	38.98	12.43
15MOD-0577 For Stainless Steel, Add	18.34	
15860-0050 EA 14" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	40.49	13.19
15MOD-0577 For Stainless Steel, Add	18.34	
15860-0051 Blower Check Valves (15860)		
15860-0052 Blower Check Valves With Silicone Seals (15860-0051)		
15860-0053 EA 2-1/2" Blower Check Valves, Silicone Seals.....	264.66	19.45
15860-0054 EA 3" Blower Check Valves, Silicone Seals.....	295.00	22.16
15860-0055 EA 4" Blower Check Valves, Silicone Seals.....	377.87	29.40
15860-0056 EA 5" Blower Check Valves, Silicone Seals.....	529.62	33.93
15860-0057 EA 6" Blower Check Valves, Silicone Seals.....	590.38	40.71
15860-0058 EA 8" Blower Check Valves, Silicone Seals.....	890.19	51.57
15860-0059 Blower Check Valves With Viton Seats (15860-0051)		
15860-0060 EA 2-1/2" Blower Check Valves, Viton Seats.....	374.32	19.45
15860-0061 EA 3" Blower Check Valves, Viton Seats.....	425.33	22.16
15860-0062 EA 4" Blower Check Valves, Viton Seats.....	468.62	29.40
15860-0063 EA 5" Blower Check Valves, Viton Seats.....	665.48	33.93



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15860-0064	EA	6" Blower Check Valves, Viton Seats	740.36	40.71
15860-0065	EA	8" Blower Check Valves, Viton Seats	1,155.49	51.57
15860-0066		Sheet Metal Duct Accessories (15860)		
15860-0067	LF	Flex Connector, Fabric/Sheet Metal	8.82	2.26
15860-0068	EA	Splitter Damper, Hardware	23.17	5.28
15860-0069	LF	Flex Connector, Rubber Vinyl	8.59	2.04
15860-0070		Air Extractors (15860)		
15860-0071	EA	12" x 4" Air Extractor	45.85	12.43
	15MOD-0562	For Stainless Steel, Add	27.27	
15860-0072	EA	8" x 6" Air Extractor	48.12	13.56
	15MOD-0562	For Stainless Steel, Add	27.27	
15860-0073	EA	12" x 6" Air Extractor	57.67	14.32
	15MOD-0562	For Stainless Steel, Add	37.74	
15860-0074	EA	16" x 6" Air Extractor	66.98	15.07
	15MOD-0562	For Stainless Steel, Add	47.88	
15860-0075	EA	24" x 6" Air Extractor	93.96	16.58
	15MOD-0562	For Stainless Steel, Add	79.04	
15860-0076	EA	12" x 8" Air Extractor	62.69	15.07
	15MOD-0562	For Stainless Steel, Add	42.30	
15860-0077	EA	20" x 8" Air Extractor	84.79	18.84
	15MOD-0562	For Stainless Steel, Add	61.23	
15860-0078	EA	18" x 10" Air Extractor	89.21	21.47
	15MOD-0562	For Stainless Steel, Add	60.13	
15860-0079	EA	24" x 10" Air Extractor	110.44	25.24
	15MOD-0562	For Stainless Steel, Add	77.94	
15860-0080	EA	24" x 12" Air Extractor	124.52	30.15
	15MOD-0562	For Stainless Steel, Add	83.50	
15860-0081	EA	30" x 12" Air Extractor	155.86	37.69
	15MOD-0562	For Stainless Steel, Add	104.65	
15860-0082		Turning Vanes (15860)		
15860-0083		Turning Vane Components (15860-0082)		
15860-0084	LF	Turning Vane Rail	5.40	1.88
	15MOD-0580	For Stainless Steel, Add	1.94	
15860-0085	LF	Double Thick Factory Fabricated, Turning Vane	3.80	0.76
	15MOD-0580	For Stainless Steel, Add	2.91	
15860-0086		Turning Vane Sets (15860-0082)		
		Note: Measured from inside corner to outside corner of ductwork.		
15860-0087	LF	12" High Turning Vanes, Sets	13.82	2.82
	15MOD-0580	For Stainless Steel, Add	13.36	
15860-0088	LF	14" High Turning Vanes, Sets	16.77	3.01
	15MOD-0580	For Stainless Steel, Add	16.90	
15860-0089	LF	16" High Turning Vanes, Sets	22.19	3.16
	15MOD-0580	For Stainless Steel, Add	23.66	
15860-0090	LF	18" High Turning Vanes, Sets	27.64	3.40
	15MOD-0580	For Stainless Steel, Add	30.42	
15860-0091	LF	20" High Turning Vanes, Sets	30.52	3.62
	15MOD-0580	For Stainless Steel, Add	33.80	
15860-0092	LF	22" High Turning Vanes, Sets	38.04	3.40
	15MOD-0580	For Stainless Steel, Add	43.95	
15860-0093	LF	24" High Turning Vanes, Sets	46.64	3.99
	15MOD-0580	For Stainless Steel, Add	54.09	
15860-0094	LF	26" High Turning Vanes, Sets	49.96	4.17
	15MOD-0580	For Stainless Steel, Add	58.16	
15860-0095	LF	30" High Turning Vanes, Sets	55.53	4.34
	15MOD-0580	For Stainless Steel, Add	65.13	
15860-0096		Duct Access Doors (15860)		
15860-0097		Duct Access Doors, Insulated Factory Fabrication (15860-0096)		
15860-0098	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	59.53	10.55
	15MOD-0610	For Stainless Steel, Add	34.28	
15860-0099	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	63.13	10.55
	15MOD-0610	For Stainless Steel, Add	41.48	
15860-0100	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	64.89	10.55
	15MOD-0610	For Stainless Steel, Add	45.00	
15860-0101	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	83.90	12.81
	15MOD-0610	For Stainless Steel, Add	63.44	
15860-0102	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	84.62	12.81
	15MOD-0610	For Stainless Steel, Add	64.88	
15860-0103	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	105.16	17.33
	15MOD-0610	For Stainless Steel, Add	74.66	
15860-0104	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	124.99	21.10
	15MOD-0610	For Stainless Steel, Add	80.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15860-0105 EA 24" x 24" Duct Access Doors Insulated Factory Fabrication	162.41	28.64
15MOD-0610 For Stainless Steel, Add	98.72	
15861 Manual Dampers (15800)		
15861-0001 Radial Opposed Blade Damper Steel Construction (15861)		
15861-0002 EA 6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	37.30	6.03
15MOD-0578 For Stainless Steel, Add	18.08	
15MOD-0697 For Parallel Blade Damper, Add	5.56	
15861-0003 EA 7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	41.26	6.78
15MOD-0578 For Stainless Steel, Add	18.36	
15MOD-0697 For Parallel Blade Damper, Add	5.65	
15861-0004 EA 8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	45.81	7.54
15MOD-0578 For Stainless Steel, Add	18.54	
15MOD-0697 For Parallel Blade Damper, Add	5.70	
15861-0005 EA 10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	49.94	9.05
15MOD-0578 For Stainless Steel, Add	19.71	
15MOD-0697 For Parallel Blade Damper, Add	6.06	
15861-0006 EA 12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	54.81	9.79
15MOD-0578 For Stainless Steel, Add	20.87	
15MOD-0697 For Parallel Blade Damper, Add	6.42	
15861-0007 EA 14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	62.90	10.55
15MOD-0578 For Stainless Steel, Add	26.66	
15MOD-0697 For Parallel Blade Damper, Add	8.20	
15861-0008 EA 15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	69.07	11.31
15MOD-0578 For Stainless Steel, Add	28.98	
15MOD-0697 For Parallel Blade Damper, Add	8.92	
15861-0009 EA 16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	73.42	12.81
15MOD-0578 For Stainless Steel, Add	30.13	
15MOD-0697 For Parallel Blade Damper, Add	9.27	
15861-0010 EA 18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	80.11	13.56
15MOD-0578 For Stainless Steel, Add	33.61	
15MOD-0697 For Parallel Blade Damper, Add	10.34	
15861-0011 EA 20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	91.08	15.07
15MOD-0578 For Stainless Steel, Add	41.73	
15MOD-0697 For Parallel Blade Damper, Add	12.84	
15861-0012 EA 24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	98.21	15.07
15MOD-0578 For Stainless Steel, Add	47.52	
15MOD-0697 For Parallel Blade Damper, Add	14.62	
15861-0013 Rectangular Opposed Blade Damper (15861)		
15861-0014 EA 6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	43.14	8.37
15MOD-0578 For Stainless Steel, Add	23.45	
15MOD-0697 For Parallel Blade Damper, Add	7.22	
15861-0015 EA 8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	45.55	8.74
15MOD-0578 For Stainless Steel, Add	25.12	
15MOD-0697 For Parallel Blade Damper, Add	7.73	
15861-0016 EA 8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	46.99	8.82
15MOD-0578 For Stainless Steel, Add	26.79	
15MOD-0697 For Parallel Blade Damper, Add	8.24	
15861-0017 EA 10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	46.99	8.82
15MOD-0578 For Stainless Steel, Add	26.79	
15MOD-0697 For Parallel Blade Damper, Add	8.24	
15861-0018 EA 10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	49.04	9.05
15MOD-0578 For Stainless Steel, Add	28.47	
15MOD-0697 For Parallel Blade Damper, Add	8.76	
15861-0019 EA 10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	54.63	10.02
15MOD-0578 For Stainless Steel, Add	31.81	
15MOD-0697 For Parallel Blade Damper, Add	9.79	
15861-0020 EA 12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	49.04	9.05
15MOD-0578 For Stainless Steel, Add	28.47	
15MOD-0697 For Parallel Blade Damper, Add	8.76	
15861-0021 EA 12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	53.12	9.57
15MOD-0578 For Stainless Steel, Add	31.81	
15MOD-0697 For Parallel Blade Damper, Add	9.79	
15861-0022 EA 12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	55.93	10.02
15MOD-0578 For Stainless Steel, Add	33.50	
15MOD-0697 For Parallel Blade Damper, Add	10.31	
15861-0023 EA 12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	60.99	11.31
15MOD-0578 For Stainless Steel, Add	35.18	
15MOD-0697 For Parallel Blade Damper, Add	10.82	
15861-0024 EA 14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	52.48	9.57
15MOD-0578 For Stainless Steel, Add	30.98	
15MOD-0697 For Parallel Blade Damper, Add	9.53	
15861-0025 EA 14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	55.93	10.02
15MOD-0578 For Stainless Steel, Add	33.50	
15MOD-0697 For Parallel Blade Damper, Add	10.31	
15861-0026 EA 14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	58.72	10.56
15MOD-0578 For Stainless Steel, Add	35.18	
15MOD-0697 For Parallel Blade Damper, Add	10.82	
15861-0027 EA 14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	62.28	11.31
15MOD-0578 For Stainless Steel, Add	36.86	
15MOD-0697 For Parallel Blade Damper, Add	11.34	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15861-0028	EA 14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	69.25 41.03 12.62	12.59
15861-0029	EA 16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	55.93 33.50 10.31	10.02
15861-0030	EA 16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	59.48 35.18 10.82	10.78
15861-0031	EA 16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	63.78 36.86 11.34	11.84
15861-0032	EA 16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	67.32 38.52 11.85	12.59
15861-0033	EA 16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	74.32 42.72 13.14	13.80
15861-0034	EA 16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	81.31 46.90 14.43	15.08
15861-0035	EA 18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	58.72 35.18 10.82	10.56
15861-0036	EA 18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	62.91 37.67 11.59	11.31
15861-0037	EA 18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	68.62 40.21 12.37	12.59
15861-0038	EA 18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	75.61 44.40 13.66	13.80
15861-0039	EA 18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	81.95 47.74 14.69	15.08
15861-0040	EA 18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	88.94 51.92 15.98	16.28
15861-0041	EA 18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	94.64 54.43 16.75	17.57
15861-0042	EA 20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	62.28 36.86 11.34	11.31
15861-0043	EA 20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	68.61 40.20 12.37	12.59
15861-0044	EA 20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	74.96 43.55 13.40	13.80
15861-0045	EA 20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	83.89 50.26 15.46	15.08
15861-0046	EA 20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	89.59 52.77 16.24	16.28
15861-0047	EA 20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	95.30 55.29 17.01	17.57
15861-0048	EA 20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	101.64 58.63 18.04	18.85
15861-0049	EA 20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	107.98 61.97 19.07	20.06
15861-0050	EA 24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	69.90 41.87 12.88	12.59
15861-0051	EA 24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	77.54 46.90 14.43	13.80
15861-0052	EA 24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	83.89 50.26 15.46	15.08
15861-0053	EA 24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	91.53 55.29 17.01	16.28
15861-0054	EA 24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	97.22 57.79 17.78	17.57
15861-0055	EA 24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	102.93 60.31 18.56	18.85

15000 Mechanical
15800 Air Distribution
15861 Manual Dampers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15861-0056	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	110.56	20.06
	15MOD-0578	For Stainless Steel, Add	65.33	
	15MOD-0697	For Parallel Blade Damper, Add	20.10	
15861-0057	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	121.95	22.61
	15MOD-0578	For Stainless Steel, Add	70.34	
	15MOD-0697	For Parallel Blade Damper, Add	21.64	
15861-0058	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.67	25.10
	15MOD-0578	For Stainless Steel, Add	77.06	
	15MOD-0697	For Parallel Blade Damper, Add	23.71	
15861-0059	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.54	13.80
	15MOD-0578	For Stainless Steel, Add	46.90	
	15MOD-0697	For Parallel Blade Damper, Add	14.43	
15861-0060	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	83.89	15.08
	15MOD-0578	For Stainless Steel, Add	50.26	
	15MOD-0697	For Parallel Blade Damper, Add	15.46	
15861-0061	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	91.53	16.28
	15MOD-0578	For Stainless Steel, Add	55.29	
	15MOD-0697	For Parallel Blade Damper, Add	17.01	
15861-0062	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	97.87	17.57
	15MOD-0578	For Stainless Steel, Add	58.63	
	15MOD-0697	For Parallel Blade Damper, Add	18.04	
15861-0063	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	104.85	18.85
	15MOD-0578	For Stainless Steel, Add	62.80	
	15MOD-0697	For Parallel Blade Damper, Add	19.32	
15861-0064	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	111.84	20.06
	15MOD-0578	For Stainless Steel, Add	66.99	
	15MOD-0697	For Parallel Blade Damper, Add	20.61	
15861-0065	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	123.24	22.61
	15MOD-0578	For Stainless Steel, Add	72.02	
	15MOD-0697	For Parallel Blade Damper, Add	22.16	
15861-0066	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.67	25.10
	15MOD-0578	For Stainless Steel, Add	77.06	
	15MOD-0697	For Parallel Blade Damper, Add	23.71	
15861-0067	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	146.16	26.38
	15MOD-0578	For Stainless Steel, Add	87.10	
	15MOD-0697	For Parallel Blade Damper, Add	26.80	
15861-0068	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.13	28.87
	15MOD-0578	For Stainless Steel, Add	95.47	
	15MOD-0697	For Parallel Blade Damper, Add	29.38	
15861-0069	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	87.76	15.08
	15MOD-0578	For Stainless Steel, Add	55.29	
	15MOD-0697	For Parallel Blade Damper, Add	17.01	
15861-0070	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	92.81	16.28
	15MOD-0578	For Stainless Steel, Add	56.95	
	15MOD-0697	For Parallel Blade Damper, Add	17.52	
15861-0071	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	97.87	17.57
	15MOD-0578	For Stainless Steel, Add	58.63	
	15MOD-0697	For Parallel Blade Damper, Add	18.04	
15861-0072	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	104.21	18.85
	15MOD-0578	For Stainless Steel, Add	61.97	
	15MOD-0697	For Parallel Blade Damper, Add	19.07	
15861-0073	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	112.09	20.06
	15MOD-0578	For Stainless Steel, Add	67.31	
	15MOD-0697	For Parallel Blade Damper, Add	20.71	
15861-0074	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	123.24	22.61
	15MOD-0578	For Stainless Steel, Add	72.02	
	15MOD-0697	For Parallel Blade Damper, Add	22.16	
15861-0075	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	135.96	25.10
	15MOD-0578	For Stainless Steel, Add	78.74	
	15MOD-0697	For Parallel Blade Damper, Add	24.23	
15861-0076	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	148.64	27.59
	15MOD-0578	For Stainless Steel, Add	85.44	
	15MOD-0697	For Parallel Blade Damper, Add	26.29	
15861-0077	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.13	28.87
	15MOD-0578	For Stainless Steel, Add	95.47	
	15MOD-0697	For Parallel Blade Damper, Add	29.38	
15861-0078	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	175.19	30.90
	15MOD-0578	For Stainless Steel, Add	107.21	
	15MOD-0697	For Parallel Blade Damper, Add	32.99	
15861-0079	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.78	32.64
	15MOD-0578	For Stainless Steel, Add	120.61	
	15MOD-0697	For Parallel Blade Damper, Add	37.11	
15861-0080	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	95.39	16.28
	15MOD-0578	For Stainless Steel, Add	60.31	
	15MOD-0697	For Parallel Blade Damper, Add	18.56	
15861-0081	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	101.73	17.57
	15MOD-0578	For Stainless Steel, Add	63.65	
	15MOD-0697	For Parallel Blade Damper, Add	19.58	
15861-0082	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	108.07	18.85
	15MOD-0578	For Stainless Steel, Add	66.99	
	15MOD-0697	For Parallel Blade Damper, Add	20.61	
15861-0083	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.71	20.06
	15MOD-0578	For Stainless Steel, Add	72.02	
	15MOD-0697	For Parallel Blade Damper, Add	22.16	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15861-0084	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	125.18	22.61
	15MOD-0578	For Stainless Steel, Add	74.54	
	15MOD-0697	For Parallel Blade Damper, Add	22.94	
15861-0085	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.90	23.82
	15MOD-0578	For Stainless Steel, Add	77.06	
	15MOD-0697	For Parallel Blade Damper, Add	23.71	
15861-0086	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	148.64	27.59
	15MOD-0578	For Stainless Steel, Add	85.44	
	15MOD-0697	For Parallel Blade Damper, Add	26.29	
15861-0087	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	162.62	30.16
	15MOD-0578	For Stainless Steel, Add	93.80	
	15MOD-0697	For Parallel Blade Damper, Add	28.86	
15861-0088	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	173.37	31.14
	15MOD-0578	For Stainless Steel, Add	103.86	
	15MOD-0697	For Parallel Blade Damper, Add	31.96	
15861-0089	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.45	33.39
	15MOD-0578	For Stainless Steel, Add	117.25	
	15MOD-0697	For Parallel Blade Damper, Add	36.08	
15861-0090	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	204.75	35.13
	15MOD-0578	For Stainless Steel, Add	128.97	
	15MOD-0697	For Parallel Blade Damper, Add	39.68	
15861-0091	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	218.84	36.41
	15MOD-0578	For Stainless Steel, Add	142.38	
	15MOD-0697	For Parallel Blade Damper, Add	43.81	
15861-0092	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	100.44	18.85
	15MOD-0578	For Stainless Steel, Add	61.97	
	15MOD-0697	For Parallel Blade Damper, Add	19.07	
15861-0093	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	109.36	20.06
	15MOD-0578	For Stainless Steel, Add	68.67	
	15MOD-0697	For Parallel Blade Damper, Add	21.13	
15861-0094	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	114.42	21.34
	15MOD-0578	For Stainless Steel, Add	70.34	
	15MOD-0697	For Parallel Blade Damper, Add	21.64	
15861-0095	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	119.48	22.61
	15MOD-0578	For Stainless Steel, Add	72.02	
	15MOD-0697	For Parallel Blade Damper, Add	22.16	
15861-0096	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	131.53	23.82
	15MOD-0578	For Stainless Steel, Add	77.88	
	15MOD-0697	For Parallel Blade Damper, Add	23.96	
15861-0097	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.82	25.10
	15MOD-0578	For Stainless Steel, Add	83.76	
	15MOD-0697	For Parallel Blade Damper, Add	25.77	
15861-0098	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	156.27	28.87
	15MOD-0578	For Stainless Steel, Add	90.45	
	15MOD-0697	For Parallel Blade Damper, Add	27.83	
15861-0099	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	168.98	31.36
	15MOD-0578	For Stainless Steel, Add	97.16	
	15MOD-0697	For Parallel Blade Damper, Add	29.90	
15861-0100	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	182.73	33.39
	15MOD-0578	For Stainless Steel, Add	107.21	
	15MOD-0697	For Parallel Blade Damper, Add	32.99	
15861-0101	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.18	35.13
	15MOD-0578	For Stainless Steel, Add	125.63	
	15MOD-0697	For Parallel Blade Damper, Add	38.66	
15861-0102	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.93	37.17
	15MOD-0578	For Stainless Steel, Add	135.67	
	15MOD-0697	For Parallel Blade Damper, Add	41.74	
15861-0103	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	233.12	38.15
	15MOD-0578	For Stainless Steel, Add	154.10	
	15MOD-0697	For Parallel Blade Damper, Add	47.42	
15861-0104	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	252.05	40.18
	15MOD-0578	For Stainless Steel, Add	170.86	
	15MOD-0697	For Parallel Blade Damper, Add	52.57	
15861-0105	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	106.79	18.85
	15MOD-0578	For Stainless Steel, Add	65.33	
	15MOD-0697	For Parallel Blade Damper, Add	20.10	
15861-0106	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.71	20.06
	15MOD-0578	For Stainless Steel, Add	72.02	
	15MOD-0697	For Parallel Blade Damper, Add	22.16	
15861-0107	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	123.36	21.34
	15MOD-0578	For Stainless Steel, Add	77.06	
	15MOD-0697	For Parallel Blade Damper, Add	23.71	
15861-0108	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	128.41	22.61
	15MOD-0578	For Stainless Steel, Add	78.74	
	15MOD-0697	For Parallel Blade Damper, Add	24.23	
15861-0109	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	137.34	23.82
	15MOD-0578	For Stainless Steel, Add	85.44	
	15MOD-0697	For Parallel Blade Damper, Add	26.29	
15861-0110	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	146.26	25.10
	15MOD-0578	For Stainless Steel, Add	92.13	
	15MOD-0697	For Parallel Blade Damper, Add	28.35	
15861-0111	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	167.79	30.16
	15MOD-0578	For Stainless Steel, Add	100.52	
	15MOD-0697	For Parallel Blade Damper, Add	30.93	

15000 Mechanical
15800 Air Distribution
15861 Manual Dampers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15861-0112	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	181.75	32.64
		15MOD-0578 For Stainless Steel, Add	108.88	
		15MOD-0697 For Parallel Blade Damper, Add	33.50	
15861-0113	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.18	35.13
		15MOD-0578 For Stainless Steel, Add	125.63	
		15MOD-0697 For Parallel Blade Damper, Add	38.66	
15861-0114	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.32	37.69
		15MOD-0578 For Stainless Steel, Add	140.71	
		15MOD-0697 For Parallel Blade Damper, Add	43.30	
15861-0115	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	241.73	40.18
		15MOD-0578 For Stainless Steel, Add	157.44	
		15MOD-0697 For Parallel Blade Damper, Add	48.44	
15861-0116	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.09	41.39
		15MOD-0578 For Stainless Steel, Add	172.52	
		15MOD-0697 For Parallel Blade Damper, Add	53.08	
15861-0117	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	272.46	42.67
		15MOD-0578 For Stainless Steel, Add	187.60	
		15MOD-0697 For Parallel Blade Damper, Add	57.72	
15861-0118	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	287.84	43.95
		15MOD-0578 For Stainless Steel, Add	202.68	
		15MOD-0697 For Parallel Blade Damper, Add	62.36	
15861-0119	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	114.42	20.06
		15MOD-0578 For Stainless Steel, Add	70.34	
		15MOD-0697 For Parallel Blade Damper, Add	21.64	
15861-0120	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	123.36	21.34
		15MOD-0578 For Stainless Steel, Add	77.06	
		15MOD-0697 For Parallel Blade Damper, Add	23.71	
15861-0121	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	128.41	22.61
		15MOD-0578 For Stainless Steel, Add	78.74	
		15MOD-0697 For Parallel Blade Damper, Add	24.23	
15861-0122	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.82	25.10
		15MOD-0578 For Stainless Steel, Add	83.76	
		15MOD-0697 For Parallel Blade Damper, Add	25.77	
15861-0123	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	152.50	27.59
		15MOD-0578 For Stainless Steel, Add	90.45	
		15MOD-0697 For Parallel Blade Damper, Add	27.83	
15861-0124	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	165.21	30.16
		15MOD-0578 For Stainless Steel, Add	97.16	
		15MOD-0697 For Parallel Blade Damper, Add	29.90	
15861-0125	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	180.47	32.64
		15MOD-0578 For Stainless Steel, Add	107.21	
		15MOD-0697 For Parallel Blade Damper, Add	32.99	
15861-0126	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	195.73	35.13
		15MOD-0578 For Stainless Steel, Add	117.25	
		15MOD-0697 For Parallel Blade Damper, Add	36.08	
15861-0127	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	214.87	37.69
		15MOD-0578 For Stainless Steel, Add	132.33	
		15MOD-0697 For Parallel Blade Damper, Add	40.72	
15861-0128	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	236.58	40.18
		15MOD-0578 For Stainless Steel, Add	150.75	
		15MOD-0697 For Parallel Blade Damper, Add	46.38	
15861-0129	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	251.95	41.39
		15MOD-0578 For Stainless Steel, Add	165.84	
		15MOD-0697 For Parallel Blade Damper, Add	51.03	
15861-0130	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.17	42.67
		15MOD-0578 For Stainless Steel, Add	185.93	
		15MOD-0697 For Parallel Blade Damper, Add	57.21	
15861-0131	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	290.32	45.16
		15MOD-0578 For Stainless Steel, Add	201.01	
		15MOD-0697 For Parallel Blade Damper, Add	61.85	
15861-0132	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	309.54	46.44
		15MOD-0578 For Stainless Steel, Add	221.10	
		15MOD-0697 For Parallel Blade Damper, Add	68.03	
15861-0133	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	331.16	50.21
		15MOD-0578 For Stainless Steel, Add	234.49	
		15MOD-0697 For Parallel Blade Damper, Add	72.15	
15861-0134	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	122.07	21.34
		15MOD-0578 For Stainless Steel, Add	75.39	
		15MOD-0697 For Parallel Blade Damper, Add	23.20	
15861-0135	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.98	22.61
		15MOD-0578 For Stainless Steel, Add	82.08	
		15MOD-0697 For Parallel Blade Damper, Add	25.26	
15861-0136	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.68	25.10
		15MOD-0578 For Stainless Steel, Add	88.78	
		15MOD-0697 For Parallel Blade Damper, Add	27.32	
15861-0137	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	152.50	27.59
		15MOD-0578 For Stainless Steel, Add	90.45	
		15MOD-0697 For Parallel Blade Damper, Add	27.83	
15861-0138	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	165.85	30.16
		15MOD-0578 For Stainless Steel, Add	97.99	
		15MOD-0697 For Parallel Blade Damper, Add	30.15	
15861-0139	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	179.18	32.64
		15MOD-0578 For Stainless Steel, Add	105.53	
		15MOD-0697 For Parallel Blade Damper, Add	32.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15861-0140	EA 52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	194.45 115.58 35.56	35.13
15861-0141	EA 52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	209.72 125.63 38.66	37.69
15861-0142	EA 52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	228.86 140.71 43.30	40.18
15861-0143	EA 52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	251.84 160.80 49.48	42.67
15861-0144	EA 52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	268.50 177.54 54.63	43.95
15861-0145	EA 52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	289.03 199.33 61.33	45.16
15861-0146	EA 52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	312.01 219.41 67.51	47.72
15861-0147	EA 52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	331.16 234.49 72.15	50.21
15861-0148	EA 52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	357.92 254.59 78.34	53.97
15861-0149	EA 52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	378.35 271.35 83.49	56.46
15861-0150	EA 56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	128.41 78.74 24.23	22.61
15861-0151	EA 56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	142.39 87.10 26.80	25.10
15861-0152	EA 56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	153.79 92.13 28.35	27.59
15861-0153	EA 56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	162.62 93.80 28.86	30.16
15861-0154	EA 56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	177.24 103.01 31.70	32.64
15861-0155	EA 56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	191.87 112.23 34.53	35.13
15861-0156	EA 56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	206.49 121.43 37.36	37.69
15861-0157	EA 56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	221.12 130.65 40.20	40.18
15861-0158	EA 56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	244.11 150.75 46.38	42.67
15861-0159	EA 56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	263.36 170.86 52.57	43.95
15861-0160	EA 56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	281.30 189.28 58.24	45.16
15861-0161	EA 56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	306.87 212.73 65.46	47.72
15861-0162	EA 56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	329.88 232.83 71.64	50.21
15861-0163	EA 56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	354.15 254.59 78.34	52.69
15861-0164	EA 56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	374.58 271.35 83.49	55.26
15861-0165	EA 56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	398.87 293.12 90.19	57.75
15861-0166	EA 56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	423.16 314.90 96.89	60.24
15861-0167	EA 60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation 15MOD-0578 For Stainless Steel, Add 15MOD-0697 For Parallel Blade Damper, Add	139.82 83.76 25.77	25.10

15000 Mechanical
15800 Air Distribution
15861 Manual Dampers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15861-0168	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	153.79	27.59
		15MOD-0578 For Stainless Steel, Add	92.13	
		15MOD-0697 For Parallel Blade Damper, Add	28.35	
15861-0169	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	163.91	30.16
		15MOD-0578 For Stainless Steel, Add	95.47	
		15MOD-0697 For Parallel Blade Damper, Add	29.38	
15861-0170	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	172.74	32.64
		15MOD-0578 For Stainless Steel, Add	97.16	
		15MOD-0697 For Parallel Blade Damper, Add	29.90	
15861-0171	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.01	35.13
		15MOD-0578 For Stainless Steel, Add	107.21	
		15MOD-0697 For Parallel Blade Damper, Add	32.99	
15861-0172	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.27	37.69
		15MOD-0578 For Stainless Steel, Add	117.25	
		15MOD-0697 For Parallel Blade Damper, Add	36.08	
15861-0173	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	219.18	40.18
		15MOD-0578 For Stainless Steel, Add	128.13	
		15MOD-0697 For Parallel Blade Damper, Add	39.42	
15861-0174	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	235.09	42.67
		15MOD-0578 For Stainless Steel, Add	139.02	
		15MOD-0697 For Parallel Blade Damper, Add	42.78	
15861-0175	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	255.62	43.95
		15MOD-0578 For Stainless Steel, Add	160.80	
		15MOD-0697 For Parallel Blade Damper, Add	49.48	
15861-0176	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	274.85	45.16
		15MOD-0578 For Stainless Steel, Add	180.90	
		15MOD-0697 For Parallel Blade Damper, Add	55.66	
15861-0177	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.14	47.72
		15MOD-0578 For Stainless Steel, Add	202.68	
		15MOD-0697 For Parallel Blade Damper, Add	62.36	
15861-0178	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	323.44	50.21
		15MOD-0578 For Stainless Steel, Add	224.46	
		15MOD-0697 For Parallel Blade Damper, Add	69.06	
15861-0179	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	343.85	52.69
		15MOD-0578 For Stainless Steel, Add	241.20	
		15MOD-0697 For Parallel Blade Damper, Add	74.22	
15861-0180	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	372.00	55.26
		15MOD-0578 For Stainless Steel, Add	268.00	
		15MOD-0697 For Parallel Blade Damper, Add	82.46	
15861-0181	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.57	57.75
		15MOD-0578 For Stainless Steel, Add	291.43	
		15MOD-0697 For Parallel Blade Damper, Add	89.67	
15861-0182	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	423.16	60.24
		15MOD-0578 For Stainless Steel, Add	314.90	
		15MOD-0697 For Parallel Blade Damper, Add	96.89	
15861-0183	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.14	62.80
		15MOD-0578 For Stainless Steel, Add	334.98	
		15MOD-0697 For Parallel Blade Damper, Add	103.07	
15861-0184	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	469.16	65.28
		15MOD-0578 For Stainless Steel, Add	355.10	
		15MOD-0697 For Parallel Blade Damper, Add	109.26	

15863 Barometric Dampers (15800)

15863-0001 Barometric Dampers (15863)

15863-0002	EA	6" x 6" Barometric Damper	113.23	6.03
15863-0003	EA	12" x 12" Barometric Damper	162.41	8.29
15863-0004	EA	18" x 18" Barometric Damper	222.86	12.81
15863-0005	EA	24" x 24" Barometric Damper	290.39	24.11
15863-0006	EA	6" Diameter Barometric Damper	63.27	6.03
		15MOD-0578 For Stainless Steel, Add	51.84	
15863-0007	EA	7" Diameter Barometric Damper	74.52	6.78
		15MOD-0578 For Stainless Steel, Add	61.59	
15863-0008	EA	8" Diameter Barometric Damper	86.49	7.54
		15MOD-0578 For Stainless Steel, Add	71.42	
15863-0009	EA	9" Diameter Barometric Damper	102.76	7.54
		15MOD-0578 For Stainless Steel, Add	90.48	
15863-0010	EA	10" Diameter Barometric Damper	129.60	9.05
		15MOD-0578 For Stainless Steel, Add	123.27	
15863-0011	EA	12" Diameter Barometric Damper	161.06	9.79
		15MOD-0578 For Stainless Steel, Add	158.99	
15863-0012	EA	14" Diameter Barometric Damper	198.36	10.55
		15MOD-0578 For Stainless Steel, Add	202.76	
15863-0013	EA	15" Diameter Barometric Damper	234.25	11.31
		15MOD-0578 For Stainless Steel, Add	243.71	
15863-0014	EA	16" Diameter Barometric Damper	269.13	12.81
		15MOD-0578 For Stainless Steel, Add	284.56	
15863-0015	EA	18" Diameter Barometric Damper	346.71	13.56
		15MOD-0578 For Stainless Steel, Add	380.19	
15863-0016	EA	20" Diameter Barometric Damper	409.03	15.07
		15MOD-0578 For Stainless Steel, Add	455.07	
15863-0017	EA	24" Diameter Barometric Damper	487.04	15.07
		15MOD-0578 For Stainless Steel, Add	552.99	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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15863-0018	EA 30" Diameter Barometric Damper	595.13	17.33
	15MOD-0578 For Stainless Steel, Add	685.49	
15863-0019	EA 36" Diameter Barometric Damper	749.35	18.09
	15MOD-0578 For Stainless Steel, Add	881.34	

15864 Fire Dampers (15800)

15864-0001 Fire Dampers (15864)

15864-0002	SF Fire Damper, Vertical Curtain Type	61.06	19.98
	15MOD-0579 For Smoke Damper, Add	18.17	
	15MOD-0698 For Horizontal, Add	3.21	
	15MOD-0699 For Dynamic Damper, Add	4.81	
	15MOD-0700 For 3 Hour Rated, Add	4.28	
15864-0003	SF Fire Damper, Vertical Louver Type	72.73	19.98
	15MOD-0579 For Smoke Damper, Add	28.09	
	15MOD-0698 For Horizontal, Add	4.96	
	15MOD-0699 For Dynamic Damper, Add	7.44	
	15MOD-0700 For 3 Hour Rated, Add	6.61	

15864-0004 Folding Curtain Fire Dampers (15864)

Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream

15864-0005	EA 6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	41.50	8.37
	15MOD-0698 For Horizontal, Add	2.46	
	15MOD-0699 For Dynamic Damper, Add	3.69	
	15MOD-0700 For 3 Hour Rated, Add	3.28	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	4.92	
15864-0006	EA 8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	43.79	8.74
	15MOD-0698 For Horizontal, Add	2.63	
	15MOD-0699 For Dynamic Damper, Add	3.95	
	15MOD-0700 For 3 Hour Rated, Add	3.51	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	5.27	
15864-0007	EA 8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	45.12	8.82
	15MOD-0698 For Horizontal, Add	2.81	
	15MOD-0699 For Dynamic Damper, Add	4.22	
	15MOD-0700 For 3 Hour Rated, Add	3.75	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	5.62	
15864-0008	EA 10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	45.12	8.82
	15MOD-0698 For Horizontal, Add	2.81	
	15MOD-0699 For Dynamic Damper, Add	4.22	
	15MOD-0700 For 3 Hour Rated, Add	3.75	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	5.62	
15864-0009	EA 10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	47.05	9.05
	15MOD-0698 For Horizontal, Add	2.99	
	15MOD-0699 For Dynamic Damper, Add	4.48	
	15MOD-0700 For 3 Hour Rated, Add	3.98	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	5.97	
15864-0010	EA 10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	52.41	10.02
	15MOD-0698 For Horizontal, Add	3.34	
	15MOD-0699 For Dynamic Damper, Add	5.01	
	15MOD-0700 For 3 Hour Rated, Add	4.45	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	6.68	
15864-0011	EA 12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	47.05	9.05
	15MOD-0698 For Horizontal, Add	2.99	
	15MOD-0699 For Dynamic Damper, Add	4.48	
	15MOD-0700 For 3 Hour Rated, Add	3.98	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	5.97	
15864-0012	EA 12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	50.90	9.57
	15MOD-0698 For Horizontal, Add	3.34	
	15MOD-0699 For Dynamic Damper, Add	5.01	
	15MOD-0700 For 3 Hour Rated, Add	4.45	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	6.68	
15864-0013	EA 12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	53.58	10.02
	15MOD-0698 For Horizontal, Add	3.51	
	15MOD-0699 For Dynamic Damper, Add	5.27	
	15MOD-0700 For 3 Hour Rated, Add	4.68	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	7.03	
15864-0014	EA 12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	58.53	11.31
	15MOD-0698 For Horizontal, Add	3.69	
	15MOD-0699 For Dynamic Damper, Add	5.54	
	15MOD-0700 For 3 Hour Rated, Add	4.92	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	7.38	
15864-0015	EA 14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	50.32	9.57
	15MOD-0698 For Horizontal, Add	3.25	
	15MOD-0699 For Dynamic Damper, Add	4.88	
	15MOD-0700 For 3 Hour Rated, Add	4.33	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	6.50	
15864-0016	EA 14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	53.58	10.02
	15MOD-0698 For Horizontal, Add	3.51	
	15MOD-0699 For Dynamic Damper, Add	5.27	
	15MOD-0700 For 3 Hour Rated, Add	4.68	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	7.03	

15000 Mechanical
15800 Air Distribution
15864 Fire Dampers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0017 EA 14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.26	10.56
15MOD-0698 For Horizontal, Add	3.69	
15MOD-0699 For Dynamic Damper, Add	5.54	
15MOD-0700 For 3 Hour Rated, Add	4.92	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.38	
15864-0018 EA 14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.70	11.31
15MOD-0698 For Horizontal, Add	3.87	
15MOD-0699 For Dynamic Damper, Add	5.80	
15MOD-0700 For 3 Hour Rated, Add	5.15	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.73	
15864-0019 EA 14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.39	12.59
15MOD-0698 For Horizontal, Add	4.31	
15MOD-0699 For Dynamic Damper, Add	6.46	
15MOD-0700 For 3 Hour Rated, Add	5.74	
15MOD-0701 For Damper Blades Outside Air Stream, Add	8.61	
15864-0020 EA 16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	53.58	10.02
15MOD-0698 For Horizontal, Add	3.51	
15MOD-0699 For Dynamic Damper, Add	5.27	
15MOD-0700 For 3 Hour Rated, Add	4.68	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.03	
15864-0021 EA 16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	57.02	10.78
15MOD-0698 For Horizontal, Add	3.69	
15MOD-0699 For Dynamic Damper, Add	5.54	
15MOD-0700 For 3 Hour Rated, Add	4.92	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.38	
15864-0022 EA 16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	61.20	11.84
15MOD-0698 For Horizontal, Add	3.87	
15MOD-0699 For Dynamic Damper, Add	5.80	
15MOD-0700 For 3 Hour Rated, Add	5.15	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.73	
15864-0023 EA 16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	64.62	12.59
15MOD-0698 For Horizontal, Add	4.04	
15MOD-0699 For Dynamic Damper, Add	6.06	
15MOD-0700 For 3 Hour Rated, Add	5.39	
15MOD-0701 For Damper Blades Outside Air Stream, Add	8.08	
15864-0024 EA 16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	71.33	13.80
15MOD-0698 For Horizontal, Add	4.48	
15MOD-0699 For Dynamic Damper, Add	6.72	
15MOD-0700 For 3 Hour Rated, Add	5.97	
15MOD-0701 For Damper Blades Outside Air Stream, Add	8.96	
15864-0025 EA 16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.03	15.08
15MOD-0698 For Horizontal, Add	4.92	
15MOD-0699 For Dynamic Damper, Add	7.38	
15MOD-0700 For 3 Hour Rated, Add	6.56	
15MOD-0701 For Damper Blades Outside Air Stream, Add	9.84	
15864-0026 EA 18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.26	10.56
15MOD-0698 For Horizontal, Add	3.69	
15MOD-0699 For Dynamic Damper, Add	5.54	
15MOD-0700 For 3 Hour Rated, Add	4.92	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.38	
15864-0027 EA 18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	60.28	11.31
15MOD-0698 For Horizontal, Add	3.95	
15MOD-0699 For Dynamic Damper, Add	5.93	
15MOD-0700 For 3 Hour Rated, Add	5.27	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.91	
15864-0028 EA 18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	65.81	12.59
15MOD-0698 For Horizontal, Add	4.22	
15MOD-0699 For Dynamic Damper, Add	6.33	
15MOD-0700 For 3 Hour Rated, Add	5.62	
15MOD-0701 For Damper Blades Outside Air Stream, Add	8.44	
15864-0029 EA 18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	72.50	13.80
15MOD-0698 For Horizontal, Add	4.66	
15MOD-0699 For Dynamic Damper, Add	6.98	
15MOD-0700 For 3 Hour Rated, Add	6.21	
15MOD-0701 For Damper Blades Outside Air Stream, Add	9.31	
15864-0030 EA 18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.61	15.08
15MOD-0698 For Horizontal, Add	5.01	
15MOD-0699 For Dynamic Damper, Add	7.51	
15MOD-0700 For 3 Hour Rated, Add	6.68	
15MOD-0701 For Damper Blades Outside Air Stream, Add	10.01	
15864-0031 EA 18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	85.31	16.28
15MOD-0698 For Horizontal, Add	5.45	
15MOD-0699 For Dynamic Damper, Add	8.17	
15MOD-0700 For 3 Hour Rated, Add	7.26	
15MOD-0701 For Damper Blades Outside Air Stream, Add	10.89	
15864-0032 EA 18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	90.84	17.57
15MOD-0698 For Horizontal, Add	5.71	
15MOD-0699 For Dynamic Damper, Add	8.57	
15MOD-0700 For 3 Hour Rated, Add	7.61	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.42	
15864-0033 EA 20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.70	11.31
15MOD-0698 For Horizontal, Add	3.87	
15MOD-0699 For Dynamic Damper, Add	5.80	
15MOD-0700 For 3 Hour Rated, Add	5.15	
15MOD-0701 For Damper Blades Outside Air Stream, Add	7.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0034 EA 20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	65.80	12.59
15MOD-0698 For Horizontal, Add	4.22	
15MOD-0699 For Dynamic Damper, Add	6.32	
15MOD-0700 For 3 Hour Rated, Add	5.62	
15MOD-0701 For Damper Blades Outside Air Stream, Add	8.43	
15864-0035 EA 20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	71.91	13.80
15MOD-0698 For Horizontal, Add	4.57	
15MOD-0699 For Dynamic Damper, Add	6.85	
15MOD-0700 For 3 Hour Rated, Add	6.09	
15MOD-0701 For Damper Blades Outside Air Stream, Add	9.14	
15864-0036 EA 20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.38	15.08
15MOD-0698 For Horizontal, Add	5.27	
15MOD-0699 For Dynamic Damper, Add	7.91	
15MOD-0700 For 3 Hour Rated, Add	7.03	
15MOD-0701 For Damper Blades Outside Air Stream, Add	10.55	
15864-0037 EA 20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	85.90	16.28
15MOD-0698 For Horizontal, Add	5.54	
15MOD-0699 For Dynamic Damper, Add	8.30	
15MOD-0700 For 3 Hour Rated, Add	7.38	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.07	
15864-0038 EA 20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	91.43	17.57
15MOD-0698 For Horizontal, Add	5.80	
15MOD-0699 For Dynamic Damper, Add	8.70	
15MOD-0700 For 3 Hour Rated, Add	7.73	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.60	
15864-0039 EA 20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.54	18.85
15MOD-0698 For Horizontal, Add	6.15	
15MOD-0699 For Dynamic Damper, Add	9.23	
15MOD-0700 For 3 Hour Rated, Add	8.20	
15MOD-0701 For Damper Blades Outside Air Stream, Add	12.30	
15864-0040 EA 20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.64	20.06
15MOD-0698 For Horizontal, Add	6.50	
15MOD-0699 For Dynamic Damper, Add	9.75	
15MOD-0700 For 3 Hour Rated, Add	8.67	
15MOD-0701 For Damper Blades Outside Air Stream, Add	13.00	
15864-0041 EA 24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.97	12.59
15MOD-0698 For Horizontal, Add	4.39	
15MOD-0699 For Dynamic Damper, Add	6.59	
15MOD-0700 For 3 Hour Rated, Add	5.86	
15MOD-0701 For Damper Blades Outside Air Stream, Add	8.78	
15864-0042 EA 24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.26	13.80
15MOD-0698 For Horizontal, Add	4.92	
15MOD-0699 For Dynamic Damper, Add	7.38	
15MOD-0700 For 3 Hour Rated, Add	6.56	
15MOD-0701 For Damper Blades Outside Air Stream, Add	9.84	
15864-0043 EA 24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.38	15.08
15MOD-0698 For Horizontal, Add	5.27	
15MOD-0699 For Dynamic Damper, Add	7.91	
15MOD-0700 For 3 Hour Rated, Add	7.03	
15MOD-0701 For Damper Blades Outside Air Stream, Add	10.55	
15864-0044 EA 24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	87.66	16.28
15MOD-0698 For Horizontal, Add	5.80	
15MOD-0699 For Dynamic Damper, Add	8.70	
15MOD-0700 For 3 Hour Rated, Add	7.73	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.60	
15864-0045 EA 24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.18	17.57
15MOD-0698 For Horizontal, Add	6.06	
15MOD-0699 For Dynamic Damper, Add	9.09	
15MOD-0700 For 3 Hour Rated, Add	8.08	
15MOD-0701 For Damper Blades Outside Air Stream, Add	12.12	
15864-0046 EA 24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	98.71	18.85
15MOD-0698 For Horizontal, Add	6.33	
15MOD-0699 For Dynamic Damper, Add	9.49	
15MOD-0700 For 3 Hour Rated, Add	8.43	
15MOD-0701 For Damper Blades Outside Air Stream, Add	12.65	
15864-0047 EA 24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	105.99	20.06
15MOD-0698 For Horizontal, Add	6.85	
15MOD-0699 For Dynamic Damper, Add	10.28	
15MOD-0700 For 3 Hour Rated, Add	9.14	
15MOD-0701 For Damper Blades Outside Air Stream, Add	13.70	
15864-0048 EA 24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	117.03	22.61
15MOD-0698 For Horizontal, Add	7.38	
15MOD-0699 For Dynamic Damper, Add	11.07	
15MOD-0700 For 3 Hour Rated, Add	9.84	
15MOD-0701 For Damper Blades Outside Air Stream, Add	14.76	
15864-0049 EA 24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.28	25.10
15MOD-0698 For Horizontal, Add	8.08	
15MOD-0699 For Dynamic Damper, Add	12.13	
15MOD-0700 For 3 Hour Rated, Add	10.78	
15MOD-0701 For Damper Blades Outside Air Stream, Add	16.17	
15864-0050 EA 28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.26	13.80
15MOD-0698 For Horizontal, Add	4.92	
15MOD-0699 For Dynamic Damper, Add	7.38	
15MOD-0700 For 3 Hour Rated, Add	6.56	
15MOD-0701 For Damper Blades Outside Air Stream, Add	9.84	

15000 Mechanical
15800 Air Distribution
15864 Fire Dampers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0051 EA 28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.38	15.08
15MOD-0698 For Horizontal, Add	5.27	
15MOD-0699 For Dynamic Damper, Add	7.91	
15MOD-0700 For 3 Hour Rated, Add	7.03	
15MOD-0701 For Damper Blades Outside Air Stream, Add	10.55	
15864-0052 EA 28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	87.66	16.28
15MOD-0698 For Horizontal, Add	5.80	
15MOD-0699 For Dynamic Damper, Add	8.70	
15MOD-0700 For 3 Hour Rated, Add	7.73	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.60	
15864-0053 EA 28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.77	17.57
15MOD-0698 For Horizontal, Add	6.15	
15MOD-0699 For Dynamic Damper, Add	9.23	
15MOD-0700 For 3 Hour Rated, Add	8.20	
15MOD-0701 For Damper Blades Outside Air Stream, Add	12.30	
15864-0054 EA 28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.47	18.85
15MOD-0698 For Horizontal, Add	6.59	
15MOD-0699 For Dynamic Damper, Add	9.88	
15MOD-0700 For 3 Hour Rated, Add	8.79	
15MOD-0701 For Damper Blades Outside Air Stream, Add	13.18	
15864-0055 EA 28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.16	20.06
15MOD-0698 For Horizontal, Add	7.03	
15MOD-0699 For Dynamic Damper, Add	10.54	
15MOD-0700 For 3 Hour Rated, Add	9.37	
15MOD-0701 For Damper Blades Outside Air Stream, Add	14.06	
15864-0056 EA 28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.21	22.61
15MOD-0698 For Horizontal, Add	7.56	
15MOD-0699 For Dynamic Damper, Add	11.33	
15MOD-0700 For 3 Hour Rated, Add	10.07	
15MOD-0701 For Damper Blades Outside Air Stream, Add	15.11	
15864-0057 EA 28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.28	25.10
15MOD-0698 For Horizontal, Add	8.08	
15MOD-0699 For Dynamic Damper, Add	12.13	
15MOD-0700 For 3 Hour Rated, Add	10.78	
15MOD-0701 For Damper Blades Outside Air Stream, Add	16.17	
15864-0058 EA 28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	140.07	26.38
15MOD-0698 For Horizontal, Add	9.14	
15MOD-0699 For Dynamic Damper, Add	13.70	
15MOD-0700 For 3 Hour Rated, Add	12.18	
15MOD-0701 For Damper Blades Outside Air Stream, Add	18.27	
15864-0059 EA 28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	153.46	28.87
15MOD-0698 For Horizontal, Add	10.02	
15MOD-0699 For Dynamic Damper, Add	15.02	
15MOD-0700 For 3 Hour Rated, Add	13.35	
15MOD-0701 For Damper Blades Outside Air Stream, Add	20.03	
15864-0060 EA 32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	83.89	15.08
15MOD-0698 For Horizontal, Add	5.80	
15MOD-0699 For Dynamic Damper, Add	8.70	
15MOD-0700 For 3 Hour Rated, Add	7.73	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.60	
15864-0061 EA 32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	88.82	16.28
15MOD-0698 For Horizontal, Add	5.97	
15MOD-0699 For Dynamic Damper, Add	8.96	
15MOD-0700 For 3 Hour Rated, Add	7.96	
15MOD-0701 For Damper Blades Outside Air Stream, Add	11.95	
15864-0062 EA 32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.77	17.57
15MOD-0698 For Horizontal, Add	6.15	
15MOD-0699 For Dynamic Damper, Add	9.23	
15MOD-0700 For 3 Hour Rated, Add	8.20	
15MOD-0701 For Damper Blades Outside Air Stream, Add	12.30	
15864-0063 EA 32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.87	18.85
15MOD-0698 For Horizontal, Add	6.50	
15MOD-0699 For Dynamic Damper, Add	9.75	
15MOD-0700 For 3 Hour Rated, Add	8.67	
15MOD-0701 For Damper Blades Outside Air Stream, Add	13.00	
15864-0064 EA 32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.38	20.06
15MOD-0698 For Horizontal, Add	7.06	
15MOD-0699 For Dynamic Damper, Add	10.59	
15MOD-0700 For 3 Hour Rated, Add	9.41	
15MOD-0701 For Damper Blades Outside Air Stream, Add	14.12	
15864-0065 EA 32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.21	22.61
15MOD-0698 For Horizontal, Add	7.56	
15MOD-0699 For Dynamic Damper, Add	11.33	
15MOD-0700 For 3 Hour Rated, Add	10.07	
15MOD-0701 For Damper Blades Outside Air Stream, Add	15.11	
15864-0066 EA 32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.45	25.10
15MOD-0698 For Horizontal, Add	8.26	
15MOD-0699 For Dynamic Damper, Add	12.39	
15MOD-0700 For 3 Hour Rated, Add	11.01	
15MOD-0701 For Damper Blades Outside Air Stream, Add	16.52	
15864-0067 EA 32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	142.66	27.59
15MOD-0698 For Horizontal, Add	8.96	
15MOD-0699 For Dynamic Damper, Add	13.44	
15MOD-0700 For 3 Hour Rated, Add	11.95	
15MOD-0701 For Damper Blades Outside Air Stream, Add	17.92	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	153.46	28.87
	15MOD-0698	For Horizontal, Add	10.02	
	15MOD-0699	For Dynamic Damper, Add	15.02	
	15MOD-0700	For 3 Hour Rated, Add	13.35	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	20.03	
15864-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	167.69	30.90
	15MOD-0698	For Horizontal, Add	11.25	
	15MOD-0699	For Dynamic Damper, Add	16.87	
	15MOD-0700	For 3 Hour Rated, Add	14.99	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	22.49	
15864-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.34	32.64
	15MOD-0698	For Horizontal, Add	12.65	
	15MOD-0699	For Dynamic Damper, Add	18.98	
	15MOD-0700	For 3 Hour Rated, Add	16.87	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	25.30	
15864-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	91.17	16.28
	15MOD-0698	For Horizontal, Add	6.33	
	15MOD-0699	For Dynamic Damper, Add	9.49	
	15MOD-0700	For 3 Hour Rated, Add	8.43	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	12.65	
15864-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.28	17.57
	15MOD-0698	For Horizontal, Add	6.68	
	15MOD-0699	For Dynamic Damper, Add	10.01	
	15MOD-0700	For 3 Hour Rated, Add	8.90	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	13.35	
15864-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.39	18.85
	15MOD-0698	For Horizontal, Add	7.03	
	15MOD-0699	For Dynamic Damper, Add	10.54	
	15MOD-0700	For 3 Hour Rated, Add	9.37	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	14.06	
15864-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.68	20.06
	15MOD-0698	For Horizontal, Add	7.56	
	15MOD-0699	For Dynamic Damper, Add	11.33	
	15MOD-0700	For 3 Hour Rated, Add	10.07	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	15.11	
15864-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	119.97	22.61
	15MOD-0698	For Horizontal, Add	7.82	
	15MOD-0699	For Dynamic Damper, Add	11.73	
	15MOD-0700	For 3 Hour Rated, Add	10.43	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	15.64	
15864-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	125.51	23.82
	15MOD-0698	For Horizontal, Add	8.08	
	15MOD-0699	For Dynamic Damper, Add	12.13	
	15MOD-0700	For 3 Hour Rated, Add	10.78	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	16.17	
15864-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	142.66	27.59
	15MOD-0698	For Horizontal, Add	8.96	
	15MOD-0699	For Dynamic Damper, Add	13.44	
	15MOD-0700	For 3 Hour Rated, Add	11.95	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	17.92	
15864-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	156.06	30.16
	15MOD-0698	For Horizontal, Add	9.84	
	15MOD-0699	For Dynamic Damper, Add	14.76	
	15MOD-0700	For 3 Hour Rated, Add	13.12	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	19.68	
15864-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	134.98	31.14
	15MOD-0698	For Horizontal, Add	6.23	
	15MOD-0699	For Dynamic Damper, Add	9.34	
	15MOD-0700	For 3 Hour Rated, Add	8.30	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	12.45	
15864-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.25	33.39
	15MOD-0698	For Horizontal, Add	12.30	
	15MOD-0699	For Dynamic Damper, Add	18.45	
	15MOD-0700	For 3 Hour Rated, Add	16.40	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	24.60	
15864-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	195.73	35.13
	15MOD-0698	For Horizontal, Add	13.53	
	15MOD-0699	For Dynamic Damper, Add	20.29	
	15MOD-0700	For 3 Hour Rated, Add	18.04	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	27.06	
15864-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.88	36.41
	15MOD-0698	For Horizontal, Add	14.93	
	15MOD-0699	For Dynamic Damper, Add	22.40	
	15MOD-0700	For 3 Hour Rated, Add	19.91	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	29.87	
15864-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	96.10	18.85
	15MOD-0698	For Horizontal, Add	6.50	
	15MOD-0699	For Dynamic Damper, Add	9.75	
	15MOD-0700	For 3 Hour Rated, Add	8.67	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	13.00	
15864-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	104.56	20.06
	15MOD-0698	For Horizontal, Add	7.20	
	15MOD-0699	For Dynamic Damper, Add	10.80	
	15MOD-0700	For 3 Hour Rated, Add	9.60	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	14.41	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0085 EA 40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.50	21.34
15MOD-0698 For Horizontal, Add	7.38	
15MOD-0699 For Dynamic Damper, Add	11.07	
15MOD-0700 For 3 Hour Rated, Add	9.84	
15MOD-0701 For Damper Blades Outside Air Stream, Add	14.76	
15864-0086 EA 40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	114.45	22.61
15MOD-0698 For Horizontal, Add	7.56	
15MOD-0699 For Dynamic Damper, Add	11.33	
15MOD-0700 For 3 Hour Rated, Add	10.07	
15MOD-0701 For Damper Blades Outside Air Stream, Add	15.11	
15864-0087 EA 40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.09	23.82
15MOD-0698 For Horizontal, Add	8.17	
15MOD-0699 For Dynamic Damper, Add	12.26	
15MOD-0700 For 3 Hour Rated, Add	10.89	
15MOD-0701 For Damper Blades Outside Air Stream, Add	16.34	
15864-0088 EA 40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.96	25.10
15MOD-0698 For Horizontal, Add	8.79	
15MOD-0699 For Dynamic Damper, Add	13.18	
15MOD-0700 For 3 Hour Rated, Add	11.71	
15MOD-0701 For Damper Blades Outside Air Stream, Add	17.57	
15864-0089 EA 40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	149.94	28.87
15MOD-0698 For Horizontal, Add	9.49	
15MOD-0699 For Dynamic Damper, Add	14.23	
15MOD-0700 For 3 Hour Rated, Add	12.65	
15MOD-0701 For Damper Blades Outside Air Stream, Add	18.98	
15864-0090 EA 40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.18	31.36
15MOD-0698 For Horizontal, Add	10.19	
15MOD-0699 For Dynamic Damper, Add	15.29	
15MOD-0700 For 3 Hour Rated, Add	13.59	
15MOD-0701 For Damper Blades Outside Air Stream, Add	20.38	
15864-0091 EA 40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	175.23	33.39
15MOD-0698 For Horizontal, Add	11.25	
15MOD-0699 For Dynamic Damper, Add	16.87	
15MOD-0700 For 3 Hour Rated, Add	14.99	
15MOD-0701 For Damper Blades Outside Air Stream, Add	22.49	
15864-0092 EA 40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	193.39	35.13
15MOD-0698 For Horizontal, Add	13.18	
15MOD-0699 For Dynamic Damper, Add	19.77	
15MOD-0700 For 3 Hour Rated, Add	17.57	
15MOD-0701 For Damper Blades Outside Air Stream, Add	26.36	
15864-0093 EA 40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	206.44	37.17
15MOD-0698 For Horizontal, Add	14.23	
15MOD-0699 For Dynamic Damper, Add	21.35	
15MOD-0700 For 3 Hour Rated, Add	18.97	
15MOD-0701 For Damper Blades Outside Air Stream, Add	28.46	
15864-0094 EA 40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	222.34	38.15
15MOD-0698 For Horizontal, Add	16.16	
15MOD-0699 For Dynamic Damper, Add	24.25	
15MOD-0700 For 3 Hour Rated, Add	21.55	
15MOD-0701 For Damper Blades Outside Air Stream, Add	32.33	
15864-0095 EA 40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	240.10	40.18
15MOD-0698 For Horizontal, Add	17.92	
15MOD-0699 For Dynamic Damper, Add	26.88	
15MOD-0700 For 3 Hour Rated, Add	23.90	
15MOD-0701 For Damper Blades Outside Air Stream, Add	35.84	
15864-0096 EA 44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	102.22	18.85
15MOD-0698 For Horizontal, Add	6.85	
15MOD-0699 For Dynamic Damper, Add	10.28	
15MOD-0700 For 3 Hour Rated, Add	9.14	
15MOD-0701 For Damper Blades Outside Air Stream, Add	13.70	
15864-0097 EA 44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.68	20.06
15MOD-0698 For Horizontal, Add	7.56	
15MOD-0699 For Dynamic Damper, Add	11.33	
15MOD-0700 For 3 Hour Rated, Add	10.07	
15MOD-0701 For Damper Blades Outside Air Stream, Add	15.11	
15864-0098 EA 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	117.97	21.34
15MOD-0698 For Horizontal, Add	8.08	
15MOD-0699 For Dynamic Damper, Add	12.13	
15MOD-0700 For 3 Hour Rated, Add	10.78	
15MOD-0701 For Damper Blades Outside Air Stream, Add	16.17	
15864-0099 EA 44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.90	22.61
15MOD-0698 For Horizontal, Add	8.26	
15MOD-0699 For Dynamic Damper, Add	12.39	
15MOD-0700 For 3 Hour Rated, Add	11.01	
15MOD-0701 For Damper Blades Outside Air Stream, Add	16.52	
15864-0100 EA 44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	131.36	23.82
15MOD-0698 For Horizontal, Add	8.96	
15MOD-0699 For Dynamic Damper, Add	13.44	
15MOD-0700 For 3 Hour Rated, Add	11.95	
15MOD-0701 For Damper Blades Outside Air Stream, Add	17.92	
15864-0101 EA 44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.82	25.10
15MOD-0698 For Horizontal, Add	9.66	
15MOD-0699 For Dynamic Damper, Add	14.50	
15MOD-0700 For 3 Hour Rated, Add	12.89	
15MOD-0701 For Damper Blades Outside Air Stream, Add	19.33	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	160.76	30.16
	15MOD-0698	For Horizontal, Add	10.54	
	15MOD-0699	For Dynamic Damper, Add	15.82	
	15MOD-0700	For 3 Hour Rated, Add	14.06	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	21.09	
15864-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	174.13	32.64
	15MOD-0698	For Horizontal, Add	11.42	
	15MOD-0699	For Dynamic Damper, Add	17.13	
	15MOD-0700	For 3 Hour Rated, Add	15.23	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	22.84	
15864-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	193.39	35.13
	15MOD-0698	For Horizontal, Add	13.18	
	15MOD-0699	For Dynamic Damper, Add	19.77	
	15MOD-0700	For 3 Hour Rated, Add	17.57	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	26.36	
15864-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.47	37.69
	15MOD-0698	For Horizontal, Add	14.76	
	15MOD-0699	For Dynamic Damper, Add	22.14	
	15MOD-0700	For 3 Hour Rated, Add	19.68	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	29.52	
15864-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	230.72	40.18
	15MOD-0698	For Horizontal, Add	16.52	
	15MOD-0699	For Dynamic Damper, Add	24.77	
	15MOD-0700	For 3 Hour Rated, Add	22.02	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	33.03	
15864-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	245.02	41.39
	15MOD-0698	For Horizontal, Add	18.10	
	15MOD-0699	For Dynamic Damper, Add	27.14	
	15MOD-0700	For 3 Hour Rated, Add	24.13	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	36.19	
15864-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	259.33	42.67
	15MOD-0698	For Horizontal, Add	19.68	
	15MOD-0699	For Dynamic Damper, Add	29.52	
	15MOD-0700	For 3 Hour Rated, Add	26.24	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	39.35	
15864-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	273.67	43.95
	15MOD-0698	For Horizontal, Add	21.26	
	15MOD-0699	For Dynamic Damper, Add	31.89	
	15MOD-0700	For 3 Hour Rated, Add	28.35	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	42.52	
15864-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.50	20.06
	15MOD-0698	For Horizontal, Add	7.38	
	15MOD-0699	For Dynamic Damper, Add	11.07	
	15MOD-0700	For 3 Hour Rated, Add	9.84	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	14.76	
15864-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	117.97	21.34
	15MOD-0698	For Horizontal, Add	8.08	
	15MOD-0699	For Dynamic Damper, Add	12.13	
	15MOD-0700	For 3 Hour Rated, Add	10.78	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	16.17	
15864-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.90	22.61
	15MOD-0698	For Horizontal, Add	8.26	
	15MOD-0699	For Dynamic Damper, Add	12.39	
	15MOD-0700	For 3 Hour Rated, Add	11.01	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	16.52	
15864-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.96	25.10
	15MOD-0698	For Horizontal, Add	8.79	
	15MOD-0699	For Dynamic Damper, Add	13.18	
	15MOD-0700	For 3 Hour Rated, Add	11.71	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	17.57	
15864-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	146.17	27.59
	15MOD-0698	For Horizontal, Add	9.49	
	15MOD-0699	For Dynamic Damper, Add	14.23	
	15MOD-0700	For 3 Hour Rated, Add	12.65	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	18.98	
15864-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	158.41	30.16
	15MOD-0698	For Horizontal, Add	10.19	
	15MOD-0699	For Dynamic Damper, Add	15.29	
	15MOD-0700	For 3 Hour Rated, Add	13.59	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	20.38	
15864-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.97	32.64
	15MOD-0698	For Horizontal, Add	11.25	
	15MOD-0699	For Dynamic Damper, Add	16.87	
	15MOD-0700	For 3 Hour Rated, Add	14.99	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	22.49	
15864-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	187.53	35.13
	15MOD-0698	For Horizontal, Add	12.30	
	15MOD-0699	For Dynamic Damper, Add	18.45	
	15MOD-0700	For 3 Hour Rated, Add	16.40	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	24.60	
15864-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.61	37.69
	15MOD-0698	For Horizontal, Add	13.88	
	15MOD-0699	For Dynamic Damper, Add	20.82	
	15MOD-0700	For 3 Hour Rated, Add	18.51	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	27.76	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0119 EA 48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	226.03	40.18
15MOD-0698 For Horizontal, Add	15.81	
15MOD-0699 For Dynamic Damper, Add	23.72	
15MOD-0700 For 3 Hour Rated, Add	21.08	
15MOD-0701 For Damper Blades Outside Air Stream, Add	31.62	
15864-0120 EA 48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	240.35	41.39
15MOD-0698 For Horizontal, Add	17.40	
15MOD-0699 For Dynamic Damper, Add	26.09	
15MOD-0700 For 3 Hour Rated, Add	23.19	
15MOD-0701 For Damper Blades Outside Air Stream, Add	34.79	
15864-0121 EA 48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.16	42.67
15MOD-0698 For Horizontal, Add	19.50	
15MOD-0699 For Dynamic Damper, Add	29.25	
15MOD-0700 For 3 Hour Rated, Add	26.00	
15MOD-0701 For Damper Blades Outside Air Stream, Add	39.00	
15864-0122 EA 48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	276.26	45.16
15MOD-0698 For Horizontal, Add	21.08	
15MOD-0699 For Dynamic Damper, Add	31.63	
15MOD-0700 For 3 Hour Rated, Add	28.11	
15MOD-0701 For Damper Blades Outside Air Stream, Add	42.17	
15864-0123 EA 48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	294.08	46.44
15MOD-0698 For Horizontal, Add	23.19	
15MOD-0699 For Dynamic Damper, Add	34.79	
15MOD-0700 For 3 Hour Rated, Add	30.92	
15MOD-0701 For Damper Blades Outside Air Stream, Add	46.39	
15864-0124 EA 48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	314.76	50.21
15MOD-0698 For Horizontal, Add	24.60	
15MOD-0699 For Dynamic Damper, Add	36.90	
15MOD-0700 For 3 Hour Rated, Add	32.80	
15MOD-0701 For Damper Blades Outside Air Stream, Add	49.19	
15864-0125 EA 52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.79	21.34
15MOD-0698 For Horizontal, Add	7.91	
15MOD-0699 For Dynamic Damper, Add	11.86	
15MOD-0700 For 3 Hour Rated, Add	10.54	
15MOD-0701 For Damper Blades Outside Air Stream, Add	15.81	
15864-0126 EA 52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	125.24	22.61
15MOD-0698 For Horizontal, Add	8.61	
15MOD-0699 For Dynamic Damper, Add	12.92	
15MOD-0700 For 3 Hour Rated, Add	11.48	
15MOD-0701 For Damper Blades Outside Air Stream, Add	17.22	
15864-0127 EA 52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	137.47	25.10
15MOD-0698 For Horizontal, Add	9.31	
15MOD-0699 For Dynamic Damper, Add	13.97	
15MOD-0700 For 3 Hour Rated, Add	12.42	
15MOD-0701 For Damper Blades Outside Air Stream, Add	18.62	
15864-0128 EA 52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	146.17	27.59
15MOD-0698 For Horizontal, Add	9.49	
15MOD-0699 For Dynamic Damper, Add	14.23	
15MOD-0700 For 3 Hour Rated, Add	12.65	
15MOD-0701 For Damper Blades Outside Air Stream, Add	18.98	
15864-0129 EA 52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	159.00	30.16
15MOD-0698 For Horizontal, Add	10.28	
15MOD-0699 For Dynamic Damper, Add	15.42	
15MOD-0700 For 3 Hour Rated, Add	13.71	
15MOD-0701 For Damper Blades Outside Air Stream, Add	20.56	
15864-0130 EA 52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	171.80	32.64
15MOD-0698 For Horizontal, Add	11.07	
15MOD-0699 For Dynamic Damper, Add	16.61	
15MOD-0700 For 3 Hour Rated, Add	14.76	
15MOD-0701 For Damper Blades Outside Air Stream, Add	22.14	
15864-0131 EA 52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	186.37	35.13
15MOD-0698 For Horizontal, Add	12.12	
15MOD-0699 For Dynamic Damper, Add	18.19	
15MOD-0700 For 3 Hour Rated, Add	16.17	
15MOD-0701 For Damper Blades Outside Air Stream, Add	24.25	
15864-0132 EA 52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	200.93	37.69
15MOD-0698 For Horizontal, Add	13.18	
15MOD-0699 For Dynamic Damper, Add	19.77	
15MOD-0700 For 3 Hour Rated, Add	17.57	
15MOD-0701 For Damper Blades Outside Air Stream, Add	26.36	
15864-0133 EA 52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	219.01	40.18
15MOD-0698 For Horizontal, Add	14.76	
15MOD-0699 For Dynamic Damper, Add	22.14	
15MOD-0700 For 3 Hour Rated, Add	19.68	
15MOD-0701 For Damper Blades Outside Air Stream, Add	29.52	
15864-0134 EA 52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	240.60	42.67
15MOD-0698 For Horizontal, Add	16.87	
15MOD-0699 For Dynamic Damper, Add	25.30	
15MOD-0700 For 3 Hour Rated, Add	22.49	
15MOD-0701 For Damper Blades Outside Air Stream, Add	33.74	
15864-0135 EA 52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	256.08	43.95
15MOD-0698 For Horizontal, Add	18.62	
15MOD-0699 For Dynamic Damper, Add	27.93	
15MOD-0700 For 3 Hour Rated, Add	24.83	
15MOD-0701 For Damper Blades Outside Air Stream, Add	37.25	



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15864-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	275.09	45.16
	15MOD-0698	For Horizontal, Add	20.91	
	15MOD-0699	For Dynamic Damper, Add	31.36	
	15MOD-0700	For 3 Hour Rated, Add	27.88	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	41.82	
15864-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	296.66	47.72
	15MOD-0698	For Horizontal, Add	23.01	
	15MOD-0699	For Dynamic Damper, Add	34.52	
	15MOD-0700	For 3 Hour Rated, Add	30.69	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	46.03	
15864-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	314.76	50.21
	15MOD-0698	For Horizontal, Add	24.60	
	15MOD-0699	For Dynamic Damper, Add	36.90	
	15MOD-0700	For 3 Hour Rated, Add	32.80	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	49.19	
15864-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	340.12	53.97
	15MOD-0698	For Horizontal, Add	26.71	
	15MOD-0699	For Dynamic Damper, Add	40.06	
	15MOD-0700	For 3 Hour Rated, Add	35.61	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	53.41	
15864-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	359.37	56.46
	15MOD-0698	For Horizontal, Add	28.46	
	15MOD-0699	For Dynamic Damper, Add	42.69	
	15MOD-0700	For 3 Hour Rated, Add	37.95	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	56.93	
15864-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.90	22.61
	15MOD-0698	For Horizontal, Add	8.26	
	15MOD-0699	For Dynamic Damper, Add	12.39	
	15MOD-0700	For 3 Hour Rated, Add	11.01	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	16.52	
15864-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	136.30	25.10
	15MOD-0698	For Horizontal, Add	9.14	
	15MOD-0699	For Dynamic Damper, Add	13.70	
	15MOD-0700	For 3 Hour Rated, Add	12.18	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	18.27	
15864-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.35	27.59
	15MOD-0698	For Horizontal, Add	9.66	
	15MOD-0699	For Dynamic Damper, Add	14.50	
	15MOD-0700	For 3 Hour Rated, Add	12.89	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	19.33	
15864-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	156.06	30.16
	15MOD-0698	For Horizontal, Add	9.84	
	15MOD-0699	For Dynamic Damper, Add	14.76	
	15MOD-0700	For 3 Hour Rated, Add	13.12	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	19.68	
15864-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.04	32.64
	15MOD-0698	For Horizontal, Add	10.81	
	15MOD-0699	For Dynamic Damper, Add	16.21	
	15MOD-0700	For 3 Hour Rated, Add	14.41	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	21.61	
15864-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.02	35.13
	15MOD-0698	For Horizontal, Add	11.77	
	15MOD-0699	For Dynamic Damper, Add	17.66	
	15MOD-0700	For 3 Hour Rated, Add	15.70	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	23.54	
15864-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	198.00	37.69
	15MOD-0698	For Horizontal, Add	12.74	
	15MOD-0699	For Dynamic Damper, Add	19.11	
	15MOD-0700	For 3 Hour Rated, Add	16.98	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	25.48	
15864-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.98	40.18
	15MOD-0698	For Horizontal, Add	13.70	
	15MOD-0699	For Dynamic Damper, Add	20.56	
	15MOD-0700	For 3 Hour Rated, Add	18.27	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	27.41	
15864-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.56	42.67
	15MOD-0698	For Horizontal, Add	15.81	
	15MOD-0699	For Dynamic Damper, Add	23.72	
	15MOD-0700	For 3 Hour Rated, Add	21.08	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	31.62	
15864-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	251.41	43.95
	15MOD-0698	For Horizontal, Add	17.92	
	15MOD-0699	For Dynamic Damper, Add	26.88	
	15MOD-0700	For 3 Hour Rated, Add	23.90	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	35.84	
15864-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	268.06	45.16
	15MOD-0698	For Horizontal, Add	19.85	
	15MOD-0699	For Dynamic Damper, Add	29.78	
	15MOD-0700	For 3 Hour Rated, Add	26.47	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	39.71	
15864-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	291.99	47.72
	15MOD-0698	For Horizontal, Add	22.31	
	15MOD-0699	For Dynamic Damper, Add	33.47	
	15MOD-0700	For 3 Hour Rated, Add	29.75	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	44.63	

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15864-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	313.59	50.21
	15MOD-0698	For Horizontal, Add	24.42	
	15MOD-0699	For Dynamic Damper, Add	36.63	
	15MOD-0700	For 3 Hour Rated, Add	32.56	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	48.84	
15864-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	336.35	52.69
	15MOD-0698	For Horizontal, Add	26.71	
	15MOD-0699	For Dynamic Damper, Add	40.06	
	15MOD-0700	For 3 Hour Rated, Add	35.61	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	53.41	
15864-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	355.60	55.26
	15MOD-0698	For Horizontal, Add	28.46	
	15MOD-0699	For Dynamic Damper, Add	42.69	
	15MOD-0700	For 3 Hour Rated, Add	37.95	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	56.93	
15864-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	378.37	57.75
	15MOD-0698	For Horizontal, Add	30.75	
	15MOD-0699	For Dynamic Damper, Add	46.12	
	15MOD-0700	For 3 Hour Rated, Add	41.00	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	61.49	
15864-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.14	60.24
	15MOD-0698	For Horizontal, Add	33.03	
	15MOD-0699	For Dynamic Damper, Add	49.55	
	15MOD-0700	For 3 Hour Rated, Add	44.04	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	66.06	
15864-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.96	25.10
	15MOD-0698	For Horizontal, Add	8.79	
	15MOD-0699	For Dynamic Damper, Add	13.18	
	15MOD-0700	For 3 Hour Rated, Add	11.71	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	17.57	
15864-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.35	27.59
	15MOD-0698	For Horizontal, Add	9.66	
	15MOD-0699	For Dynamic Damper, Add	14.50	
	15MOD-0700	For 3 Hour Rated, Add	12.89	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	19.33	
15864-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	157.24	30.16
	15MOD-0698	For Horizontal, Add	10.02	
	15MOD-0699	For Dynamic Damper, Add	15.02	
	15MOD-0700	For 3 Hour Rated, Add	13.35	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	20.03	
15864-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	165.94	32.64
	15MOD-0698	For Horizontal, Add	10.19	
	15MOD-0699	For Dynamic Damper, Add	15.29	
	15MOD-0700	For 3 Hour Rated, Add	13.59	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	20.38	
15864-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	180.51	35.13
	15MOD-0698	For Horizontal, Add	11.25	
	15MOD-0699	For Dynamic Damper, Add	16.87	
	15MOD-0700	For 3 Hour Rated, Add	14.99	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	22.49	
15864-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	195.07	37.69
	15MOD-0698	For Horizontal, Add	12.30	
	15MOD-0699	For Dynamic Damper, Add	18.45	
	15MOD-0700	For 3 Hour Rated, Add	16.40	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	24.60	
15864-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	210.23	40.18
	15MOD-0698	For Horizontal, Add	13.44	
	15MOD-0699	For Dynamic Damper, Add	20.16	
	15MOD-0700	For 3 Hour Rated, Add	17.92	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	26.88	
15864-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.37	42.67
	15MOD-0698	For Horizontal, Add	14.58	
	15MOD-0699	For Dynamic Damper, Add	21.87	
	15MOD-0700	For 3 Hour Rated, Add	19.44	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	29.17	
15864-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	244.38	43.95
	15MOD-0698	For Horizontal, Add	16.87	
	15MOD-0699	For Dynamic Damper, Add	25.30	
	15MOD-0700	For 3 Hour Rated, Add	22.49	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	33.74	
15864-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	262.20	45.16
	15MOD-0698	For Horizontal, Add	18.98	
	15MOD-0699	For Dynamic Damper, Add	28.46	
	15MOD-0700	For 3 Hour Rated, Add	25.30	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	37.95	
15864-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	284.97	47.72
	15MOD-0698	For Horizontal, Add	21.26	
	15MOD-0699	For Dynamic Damper, Add	31.89	
	15MOD-0700	For 3 Hour Rated, Add	28.35	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	42.52	
15864-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	307.74	50.21
	15MOD-0698	For Horizontal, Add	23.54	
	15MOD-0699	For Dynamic Damper, Add	35.32	
	15MOD-0700	For 3 Hour Rated, Add	31.39	
	15MOD-0701	For Damper Blades Outside Air Stream, Add	47.09	



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15864-0170	EA 60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	326.98	52.69
	15MOD-0698 For Horizontal, Add	25.30	
	15MOD-0699 For Dynamic Damper, Add	37.95	
	15MOD-0700 For 3 Hour Rated, Add	33.73	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	50.60	
15864-0171	EA 60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	353.26	55.26
	15MOD-0698 For Horizontal, Add	28.11	
	15MOD-0699 For Dynamic Damper, Add	42.17	
	15MOD-0700 For 3 Hour Rated, Add	37.48	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	56.22	
15864-0172	EA 60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	377.20	57.75
	15MOD-0698 For Horizontal, Add	30.57	
	15MOD-0699 For Dynamic Damper, Add	45.86	
	15MOD-0700 For 3 Hour Rated, Add	40.76	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	61.14	
15864-0173	EA 60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.14	60.24
	15MOD-0698 For Horizontal, Add	33.03	
	15MOD-0699 For Dynamic Damper, Add	49.55	
	15MOD-0700 For 3 Hour Rated, Add	44.04	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	66.06	
15864-0174	EA 60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	422.71	62.80
	15MOD-0698 For Horizontal, Add	35.14	
	15MOD-0699 For Dynamic Damper, Add	52.71	
	15MOD-0700 For 3 Hour Rated, Add	46.85	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	70.28	
15864-0175	EA 60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	444.33	65.28
	15MOD-0698 For Horizontal, Add	37.25	
	15MOD-0699 For Dynamic Damper, Add	55.87	
	15MOD-0700 For 3 Hour Rated, Add	49.66	
	15MOD-0701 For Damper Blades Outside Air Stream, Add	74.50	
15864-0176	Parallel Blade Louver Fire Damper <small>(15864)</small>		
	Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.		
15864-0177	EA 6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.04	8.37
	15MOD-0698 For Horizontal, Add	5.09	
	15MOD-0699 For Dynamic Damper, Add	7.64	
	15MOD-0700 For 3 Hour Rated, Add	6.79	
15864-0178	EA 8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	61.62	8.74
	15MOD-0698 For Horizontal, Add	5.31	
	15MOD-0699 For Dynamic Damper, Add	7.96	
	15MOD-0700 For 3 Hour Rated, Add	7.08	
15864-0179	EA 8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	63.24	8.82
	15MOD-0698 For Horizontal, Add	5.53	
	15MOD-0699 For Dynamic Damper, Add	8.29	
	15MOD-0700 For 3 Hour Rated, Add	7.37	
15864-0180	EA 10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	63.24	8.82
	15MOD-0698 For Horizontal, Add	5.53	
	15MOD-0699 For Dynamic Damper, Add	8.29	
	15MOD-0700 For 3 Hour Rated, Add	7.37	
15864-0181	EA 10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	65.47	9.05
	15MOD-0698 For Horizontal, Add	5.75	
	15MOD-0699 For Dynamic Damper, Add	8.62	
	15MOD-0700 For 3 Hour Rated, Add	7.67	
15864-0182	EA 10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	71.41	10.02
	15MOD-0698 For Horizontal, Add	6.19	
	15MOD-0699 For Dynamic Damper, Add	9.28	
	15MOD-0700 For 3 Hour Rated, Add	8.25	
15864-0183	EA 12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	65.47	9.05
	15MOD-0698 For Horizontal, Add	5.75	
	15MOD-0699 For Dynamic Damper, Add	8.62	
	15MOD-0700 For 3 Hour Rated, Add	7.67	
15864-0184	EA 12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	69.90	9.57
	15MOD-0698 For Horizontal, Add	6.19	
	15MOD-0699 For Dynamic Damper, Add	9.28	
	15MOD-0700 For 3 Hour Rated, Add	8.25	
15864-0185	EA 12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	72.88	10.02
	15MOD-0698 For Horizontal, Add	6.41	
	15MOD-0699 For Dynamic Damper, Add	9.61	
	15MOD-0700 For 3 Hour Rated, Add	8.54	
15864-0186	EA 12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.11	11.31
	15MOD-0698 For Horizontal, Add	6.63	
	15MOD-0699 For Dynamic Damper, Add	9.94	
	15MOD-0700 For 3 Hour Rated, Add	8.84	
15864-0187	EA 14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	69.17	9.57
	15MOD-0698 For Horizontal, Add	6.08	
	15MOD-0699 For Dynamic Damper, Add	9.12	
	15MOD-0700 For 3 Hour Rated, Add	8.10	
15864-0188	EA 14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	72.88	10.02
	15MOD-0698 For Horizontal, Add	6.41	
	15MOD-0699 For Dynamic Damper, Add	9.61	
	15MOD-0700 For 3 Hour Rated, Add	8.54	
15864-0189	EA 14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	75.84	10.56
	15MOD-0698 For Horizontal, Add	6.63	
	15MOD-0699 For Dynamic Damper, Add	9.94	
	15MOD-0700 For 3 Hour Rated, Add	8.84	

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15864-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.57	11.31
		15MOD-0698 For Horizontal, Add	6.85	
		15MOD-0699 For Dynamic Damper, Add	10.27	
		15MOD-0700 For 3 Hour Rated, Add	9.13	
15864-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.00	12.59
		15MOD-0698 For Horizontal, Add	7.40	
		15MOD-0699 For Dynamic Damper, Add	11.09	
		15MOD-0700 For 3 Hour Rated, Add	9.86	
15864-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.82	10.02
		15MOD-0698 For Horizontal, Add	8.95	
		15MOD-0699 For Dynamic Damper, Add	13.42	
		15MOD-0700 For 3 Hour Rated, Add	11.93	
15864-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.72	10.78
		15MOD-0698 For Horizontal, Add	9.20	
		15MOD-0699 For Dynamic Damper, Add	13.79	
		15MOD-0700 For 3 Hour Rated, Add	12.26	
15864-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.38	11.84
		15MOD-0698 For Horizontal, Add	9.44	
		15MOD-0699 For Dynamic Damper, Add	14.16	
		15MOD-0700 For 3 Hour Rated, Add	12.59	
15864-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.27	12.59
		15MOD-0698 For Horizontal, Add	9.69	
		15MOD-0699 For Dynamic Damper, Add	14.53	
		15MOD-0700 For 3 Hour Rated, Add	12.92	
15864-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.15	13.80
		15MOD-0698 For Horizontal, Add	10.30	
		15MOD-0699 For Dynamic Damper, Add	15.46	
		15MOD-0700 For 3 Hour Rated, Add	13.74	
15864-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.02	15.08
		15MOD-0698 For Horizontal, Add	10.92	
		15MOD-0699 For Dynamic Damper, Add	16.38	
		15MOD-0700 For 3 Hour Rated, Add	14.56	
15864-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.96	10.56
		15MOD-0698 For Horizontal, Add	9.20	
		15MOD-0699 For Dynamic Damper, Add	13.79	
		15MOD-0700 For 3 Hour Rated, Add	12.26	
15864-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.69	11.31
		15MOD-0698 For Horizontal, Add	9.56	
		15MOD-0699 For Dynamic Damper, Add	14.35	
		15MOD-0700 For 3 Hour Rated, Add	12.75	
15864-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.93	12.59
		15MOD-0698 For Horizontal, Add	9.94	
		15MOD-0699 For Dynamic Damper, Add	14.90	
		15MOD-0700 For 3 Hour Rated, Add	13.25	
15864-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.79	13.80
		15MOD-0698 For Horizontal, Add	10.55	
		15MOD-0699 For Dynamic Damper, Add	15.82	
		15MOD-0700 For 3 Hour Rated, Add	14.07	
15864-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.84	15.08
		15MOD-0698 For Horizontal, Add	11.04	
		15MOD-0699 For Dynamic Damper, Add	16.56	
		15MOD-0700 For 3 Hour Rated, Add	14.72	
15864-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.71	16.28
		15MOD-0698 For Horizontal, Add	11.66	
		15MOD-0699 For Dynamic Damper, Add	17.48	
		15MOD-0700 For 3 Hour Rated, Add	15.54	
15864-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.94	17.57
		15MOD-0698 For Horizontal, Add	12.03	
		15MOD-0699 For Dynamic Damper, Add	18.04	
		15MOD-0700 For 3 Hour Rated, Add	16.03	
15864-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.88	11.31
		15MOD-0698 For Horizontal, Add	9.44	
		15MOD-0699 For Dynamic Damper, Add	14.16	
		15MOD-0700 For 3 Hour Rated, Add	12.59	
15864-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.91	12.59
		15MOD-0698 For Horizontal, Add	9.93	
		15MOD-0699 For Dynamic Damper, Add	14.90	
		15MOD-0700 For 3 Hour Rated, Add	13.24	
15864-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.97	13.80
		15MOD-0698 For Horizontal, Add	10.43	
		15MOD-0699 For Dynamic Damper, Add	15.64	
		15MOD-0700 For 3 Hour Rated, Add	13.90	
15864-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.31	15.08
		15MOD-0698 For Horizontal, Add	11.41	
		15MOD-0699 For Dynamic Damper, Add	17.12	
		15MOD-0700 For 3 Hour Rated, Add	15.22	
15864-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.54	16.28
		15MOD-0698 For Horizontal, Add	11.78	
		15MOD-0699 For Dynamic Damper, Add	17.67	
		15MOD-0700 For 3 Hour Rated, Add	15.71	
15864-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.76	17.57
		15MOD-0698 For Horizontal, Add	12.15	
		15MOD-0699 For Dynamic Damper, Add	18.22	
		15MOD-0700 For 3 Hour Rated, Add	16.20	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0211	EA 20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	140.81	18.85
	15MOD-0698 For Horizontal, Add	12.64	
	15MOD-0699 For Dynamic Damper, Add	18.96	
	15MOD-0700 For 3 Hour Rated, Add	16.85	
15864-0212	EA 20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	147.85	20.06
	15MOD-0698 For Horizontal, Add	13.13	
	15MOD-0699 For Dynamic Damper, Add	19.70	
	15MOD-0700 For 3 Hour Rated, Add	17.51	
15864-0213	EA 24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.99	12.59
	15MOD-0698 For Horizontal, Add	12.20	
	15MOD-0699 For Dynamic Damper, Add	18.29	
	15MOD-0700 For 3 Hour Rated, Add	16.26	
15864-0214	EA 24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	127.69	13.80
	15MOD-0698 For Horizontal, Add	12.93	
	15MOD-0699 For Dynamic Damper, Add	19.40	
	15MOD-0700 For 3 Hour Rated, Add	17.25	
15864-0215	EA 24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	134.75	15.08
	15MOD-0698 For Horizontal, Add	13.43	
	15MOD-0699 For Dynamic Damper, Add	20.14	
	15MOD-0700 For 3 Hour Rated, Add	17.90	
15864-0216	EA 24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	143.42	16.28
	15MOD-0698 For Horizontal, Add	14.16	
	15MOD-0699 For Dynamic Damper, Add	21.24	
	15MOD-0700 For 3 Hour Rated, Add	18.88	
15864-0217	EA 24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	149.66	17.57
	15MOD-0698 For Horizontal, Add	14.53	
	15MOD-0699 For Dynamic Damper, Add	21.80	
	15MOD-0700 For 3 Hour Rated, Add	19.38	
15864-0218	EA 24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.88	18.85
	15MOD-0698 For Horizontal, Add	14.90	
	15MOD-0699 For Dynamic Damper, Add	22.35	
	15MOD-0700 For 3 Hour Rated, Add	19.87	
15864-0219	EA 24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	164.57	20.06
	15MOD-0698 For Horizontal, Add	15.64	
	15MOD-0699 For Dynamic Damper, Add	23.46	
	15MOD-0700 For 3 Hour Rated, Add	20.85	
15864-0220	EA 24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	177.02	22.61
	15MOD-0698 For Horizontal, Add	16.38	
	15MOD-0699 For Dynamic Damper, Add	24.57	
	15MOD-0700 For 3 Hour Rated, Add	21.84	
15864-0221	EA 24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.13	25.10
	15MOD-0698 For Horizontal, Add	17.36	
	15MOD-0699 For Dynamic Damper, Add	26.04	
	15MOD-0700 For 3 Hour Rated, Add	23.15	
15864-0222	EA 28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	127.69	13.80
	15MOD-0698 For Horizontal, Add	12.93	
	15MOD-0699 For Dynamic Damper, Add	19.40	
	15MOD-0700 For 3 Hour Rated, Add	17.25	
15864-0223	EA 28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	134.75	15.08
	15MOD-0698 For Horizontal, Add	13.43	
	15MOD-0699 For Dynamic Damper, Add	20.14	
	15MOD-0700 For 3 Hour Rated, Add	17.90	
15864-0224	EA 28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	143.42	16.28
	15MOD-0698 For Horizontal, Add	14.16	
	15MOD-0699 For Dynamic Damper, Add	21.24	
	15MOD-0700 For 3 Hour Rated, Add	18.88	
15864-0225	EA 28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	150.47	17.57
	15MOD-0698 For Horizontal, Add	14.66	
	15MOD-0699 For Dynamic Damper, Add	21.98	
	15MOD-0700 For 3 Hour Rated, Add	19.54	
15864-0226	EA 28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	158.35	18.85
	15MOD-0698 For Horizontal, Add	15.27	
	15MOD-0699 For Dynamic Damper, Add	22.91	
	15MOD-0700 For 3 Hour Rated, Add	20.36	
15864-0227	EA 28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.20	20.06
	15MOD-0698 For Horizontal, Add	15.88	
	15MOD-0699 For Dynamic Damper, Add	23.83	
	15MOD-0700 For 3 Hour Rated, Add	21.18	
15864-0228	EA 28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.66	22.61
	15MOD-0698 For Horizontal, Add	16.62	
	15MOD-0699 For Dynamic Damper, Add	24.93	
	15MOD-0700 For 3 Hour Rated, Add	22.16	
15864-0229	EA 28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.13	25.10
	15MOD-0698 For Horizontal, Add	17.36	
	15MOD-0699 For Dynamic Damper, Add	26.04	
	15MOD-0700 For 3 Hour Rated, Add	23.15	
15864-0230	EA 28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.74	26.38
	15MOD-0698 For Horizontal, Add	18.84	
	15MOD-0699 For Dynamic Damper, Add	28.26	
	15MOD-0700 For 3 Hour Rated, Add	25.12	
15864-0231	EA 28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	220.47	28.87
	15MOD-0698 For Horizontal, Add	20.07	
	15MOD-0699 For Dynamic Damper, Add	30.10	
	15MOD-0700 For 3 Hour Rated, Add	26.76	

15000 Mechanical
15800 Air Distribution
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0232 EA 32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.65	15.08
15MOD-0698 For Horizontal, Add	14.16	
15MOD-0699 For Dynamic Damper, Add	21.24	
15MOD-0700 For 3 Hour Rated, Add	18.88	
15864-0233 EA 32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.05	16.28
15MOD-0698 For Horizontal, Add	14.41	
15MOD-0699 For Dynamic Damper, Add	21.61	
15MOD-0700 For 3 Hour Rated, Add	19.21	
15864-0234 EA 32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.47	17.57
15MOD-0698 For Horizontal, Add	14.66	
15MOD-0699 For Dynamic Damper, Add	21.98	
15MOD-0700 For 3 Hour Rated, Add	19.54	
15864-0235 EA 32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.51	18.85
15MOD-0698 For Horizontal, Add	15.15	
15MOD-0699 For Dynamic Damper, Add	22.72	
15MOD-0700 For 3 Hour Rated, Add	20.19	
15864-0236 EA 32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.51	20.06
15MOD-0698 For Horizontal, Add	15.93	
15MOD-0699 For Dynamic Damper, Add	23.90	
15MOD-0700 For 3 Hour Rated, Add	21.24	
15864-0237 EA 32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.66	22.61
15MOD-0698 For Horizontal, Add	16.62	
15MOD-0699 For Dynamic Damper, Add	24.93	
15MOD-0700 For 3 Hour Rated, Add	22.16	
15864-0238 EA 32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.78	25.10
15MOD-0698 For Horizontal, Add	17.61	
15MOD-0699 For Dynamic Damper, Add	26.41	
15MOD-0700 For 3 Hour Rated, Add	23.48	
15864-0239 EA 32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.87	27.59
15MOD-0698 For Horizontal, Add	18.59	
15MOD-0699 For Dynamic Damper, Add	27.89	
15MOD-0700 For 3 Hour Rated, Add	24.79	
15864-0240 EA 32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.47	28.87
15MOD-0698 For Horizontal, Add	20.07	
15MOD-0699 For Dynamic Damper, Add	30.10	
15MOD-0700 For 3 Hour Rated, Add	26.76	
15864-0241 EA 32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.98	30.90
15MOD-0698 For Horizontal, Add	21.79	
15MOD-0699 For Dynamic Damper, Add	32.68	
15MOD-0700 For 3 Hour Rated, Add	29.05	
15864-0242 EA 32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.38	32.64
15MOD-0698 For Horizontal, Add	23.76	
15MOD-0699 For Dynamic Damper, Add	35.64	
15MOD-0700 For 3 Hour Rated, Add	31.68	
15864-0243 EA 36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.78	16.28
15MOD-0698 For Horizontal, Add	16.17	
15MOD-0699 For Dynamic Damper, Add	24.25	
15MOD-0700 For 3 Hour Rated, Add	21.56	
15864-0244 EA 36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.28	17.57
15MOD-0698 For Horizontal, Add	16.73	
15MOD-0699 For Dynamic Damper, Add	25.09	
15MOD-0700 For 3 Hour Rated, Add	22.30	
15864-0245 EA 36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.80	18.85
15MOD-0698 For Horizontal, Add	17.29	
15MOD-0699 For Dynamic Damper, Add	25.93	
15MOD-0700 For 3 Hour Rated, Add	23.05	
15864-0246 EA 36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.20	20.06
15MOD-0698 For Horizontal, Add	18.13	
15MOD-0699 For Dynamic Damper, Add	27.20	
15MOD-0700 For 3 Hour Rated, Add	24.18	
15864-0247 EA 36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.55	22.61
15MOD-0698 For Horizontal, Add	18.56	
15MOD-0699 For Dynamic Damper, Add	27.83	
15MOD-0700 For 3 Hour Rated, Add	24.74	
15864-0248 EA 36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.15	23.82
15MOD-0698 For Horizontal, Add	18.98	
15MOD-0699 For Dynamic Damper, Add	28.47	
15MOD-0700 For 3 Hour Rated, Add	25.31	
15864-0249 EA 36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.82	27.59
15MOD-0698 For Horizontal, Add	20.39	
15MOD-0699 For Dynamic Damper, Add	30.58	
15MOD-0700 For 3 Hour Rated, Add	27.18	
15864-0250 EA 36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.73	30.16
15MOD-0698 For Horizontal, Add	21.79	
15MOD-0699 For Dynamic Damper, Add	32.68	
15MOD-0700 For 3 Hour Rated, Add	29.05	
15864-0251 EA 36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.99	31.14
15MOD-0698 For Horizontal, Add	23.48	
15MOD-0699 For Dynamic Damper, Add	35.21	
15MOD-0700 For 3 Hour Rated, Add	31.30	
15864-0252 EA 36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.75	33.39
15MOD-0698 For Horizontal, Add	25.72	
15MOD-0699 For Dynamic Damper, Add	38.59	
15MOD-0700 For 3 Hour Rated, Add	34.30	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0253	EA 36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	290.14	35.13
	15MOD-0698 For Horizontal, Add	27.69	
	15MOD-0699 For Dynamic Damper, Add	41.54	
	15MOD-0700 For 3 Hour Rated, Add	36.92	
15864-0254	EA 36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	308.92	36.41
	15MOD-0698 For Horizontal, Add	29.94	
	15MOD-0699 For Dynamic Damper, Add	44.91	
	15MOD-0700 For 3 Hour Rated, Add	39.92	
15864-0255	EA 40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	175.85	18.85
	15MOD-0698 For Horizontal, Add	18.46	
	15MOD-0699 For Dynamic Damper, Add	27.69	
	15MOD-0700 For 3 Hour Rated, Add	24.62	
15864-0256	EA 40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	187.12	20.06
	15MOD-0698 For Horizontal, Add	19.59	
	15MOD-0699 For Dynamic Damper, Add	29.38	
	15MOD-0700 For 3 Hour Rated, Add	26.12	
15864-0257	EA 40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	192.76	21.34
	15MOD-0698 For Horizontal, Add	19.87	
	15MOD-0699 For Dynamic Damper, Add	29.80	
	15MOD-0700 For 3 Hour Rated, Add	26.49	
15864-0258	EA 40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	198.41	22.61
	15MOD-0698 For Horizontal, Add	20.15	
	15MOD-0699 For Dynamic Damper, Add	30.22	
	15MOD-0700 For 3 Hour Rated, Add	26.87	
15864-0259	EA 40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	212.51	23.82
	15MOD-0698 For Horizontal, Add	21.13	
	15MOD-0699 For Dynamic Damper, Add	31.70	
	15MOD-0700 For 3 Hour Rated, Add	28.18	
15864-0260	EA 40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	222.84	25.10
	15MOD-0698 For Horizontal, Add	22.12	
	15MOD-0699 For Dynamic Damper, Add	33.18	
	15MOD-0700 For 3 Hour Rated, Add	29.49	
15864-0261	EA 40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	241.64	28.87
	15MOD-0698 For Horizontal, Add	23.24	
	15MOD-0699 For Dynamic Damper, Add	34.86	
	15MOD-0700 For 3 Hour Rated, Add	30.99	
15864-0262	EA 40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	256.68	31.36
	15MOD-0698 For Horizontal, Add	24.37	
	15MOD-0699 For Dynamic Damper, Add	36.55	
	15MOD-0700 For 3 Hour Rated, Add	32.49	
15864-0263	EA 40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	273.95	33.39
	15MOD-0698 For Horizontal, Add	26.05	
	15MOD-0699 For Dynamic Damper, Add	39.08	
	15MOD-0700 For 3 Hour Rated, Add	34.74	
15864-0264	EA 40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	299.84	35.13
	15MOD-0698 For Horizontal, Add	29.15	
	15MOD-0699 For Dynamic Damper, Add	43.72	
	15MOD-0700 For 3 Hour Rated, Add	38.86	
15864-0265	EA 40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	317.11	37.17
	15MOD-0698 For Horizontal, Add	30.83	
	15MOD-0699 For Dynamic Damper, Add	46.25	
	15MOD-0700 For 3 Hour Rated, Add	41.11	
15864-0266	EA 40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	340.74	38.15
	15MOD-0698 For Horizontal, Add	33.92	
	15MOD-0699 For Dynamic Damper, Add	50.89	
	15MOD-0700 For 3 Hour Rated, Add	45.23	
15864-0267	EA 40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	365.52	40.18
	15MOD-0698 For Horizontal, Add	36.74	
	15MOD-0699 For Dynamic Damper, Add	55.10	
	15MOD-0700 For 3 Hour Rated, Add	48.98	
15864-0268	EA 44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.37	18.85
	15MOD-0698 For Horizontal, Add	19.02	
	15MOD-0699 For Dynamic Damper, Add	28.54	
	15MOD-0700 For 3 Hour Rated, Add	25.37	
15864-0269	EA 44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.64	20.06
	15MOD-0698 For Horizontal, Add	20.15	
	15MOD-0699 For Dynamic Damper, Add	30.22	
	15MOD-0700 For 3 Hour Rated, Add	26.87	
15864-0270	EA 44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.04	21.34
	15MOD-0698 For Horizontal, Add	20.99	
	15MOD-0699 For Dynamic Damper, Add	31.49	
	15MOD-0700 For 3 Hour Rated, Add	27.99	
15864-0271	EA 44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	209.67	22.61
	15MOD-0698 For Horizontal, Add	21.27	
	15MOD-0699 For Dynamic Damper, Add	31.91	
	15MOD-0700 For 3 Hour Rated, Add	28.37	
15864-0272	EA 44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	220.95	23.82
	15MOD-0698 For Horizontal, Add	22.40	
	15MOD-0699 For Dynamic Damper, Add	33.60	
	15MOD-0700 For 3 Hour Rated, Add	29.87	
15864-0273	EA 44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	232.22	25.10
	15MOD-0698 For Horizontal, Add	23.52	
	15MOD-0699 For Dynamic Damper, Add	35.29	
	15MOD-0700 For 3 Hour Rated, Add	31.37	

15000 Mechanical
15800 Air Distribution
15864 Fire Dampers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.67	30.16
		15MOD-0698 For Horizontal, Add	24.93	
		15MOD-0699 For Dynamic Damper, Add	37.40	
		15MOD-0700 For 3 Hour Rated, Add	33.24	
15864-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.56	32.64
		15MOD-0698 For Horizontal, Add	26.33	
		15MOD-0699 For Dynamic Damper, Add	39.50	
		15MOD-0700 For 3 Hour Rated, Add	35.11	
15864-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.84	35.13
		15MOD-0698 For Horizontal, Add	29.15	
		15MOD-0699 For Dynamic Damper, Add	43.72	
		15MOD-0700 For 3 Hour Rated, Add	38.86	
15864-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.25	37.69
		15MOD-0698 For Horizontal, Add	31.68	
		15MOD-0699 For Dynamic Damper, Add	47.51	
		15MOD-0700 For 3 Hour Rated, Add	42.23	
15864-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.52	40.18
		15MOD-0698 For Horizontal, Add	34.49	
		15MOD-0699 For Dynamic Damper, Add	51.73	
		15MOD-0700 For 3 Hour Rated, Add	45.98	
15864-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.15	41.39
		15MOD-0698 For Horizontal, Add	37.02	
		15MOD-0699 For Dynamic Damper, Add	55.52	
		15MOD-0700 For 3 Hour Rated, Add	49.35	
15864-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.79	42.67
		15MOD-0698 For Horizontal, Add	39.55	
		15MOD-0699 For Dynamic Damper, Add	59.32	
		15MOD-0700 For 3 Hour Rated, Add	52.73	
15864-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.45	43.95
		15MOD-0698 For Horizontal, Add	42.08	
		15MOD-0699 For Dynamic Damper, Add	63.12	
		15MOD-0700 For 3 Hour Rated, Add	56.10	
15864-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.76	20.06
		15MOD-0698 For Horizontal, Add	19.87	
		15MOD-0699 For Dynamic Damper, Add	29.80	
		15MOD-0700 For 3 Hour Rated, Add	26.49	
15864-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.04	21.34
		15MOD-0698 For Horizontal, Add	20.99	
		15MOD-0699 For Dynamic Damper, Add	31.49	
		15MOD-0700 For 3 Hour Rated, Add	27.99	
15864-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.67	22.61
		15MOD-0698 For Horizontal, Add	21.27	
		15MOD-0699 For Dynamic Damper, Add	31.91	
		15MOD-0700 For 3 Hour Rated, Add	28.37	
15864-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.84	25.10
		15MOD-0698 For Horizontal, Add	22.12	
		15MOD-0699 For Dynamic Damper, Add	33.18	
		15MOD-0700 For 3 Hour Rated, Add	29.49	
15864-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.87	27.59
		15MOD-0698 For Horizontal, Add	23.24	
		15MOD-0699 For Dynamic Damper, Add	34.86	
		15MOD-0700 For 3 Hour Rated, Add	30.99	
15864-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.91	30.16
		15MOD-0698 For Horizontal, Add	24.37	
		15MOD-0699 For Dynamic Damper, Add	36.55	
		15MOD-0700 For 3 Hour Rated, Add	32.49	
15864-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.69	32.64
		15MOD-0698 For Horizontal, Add	26.05	
		15MOD-0699 For Dynamic Damper, Add	39.08	
		15MOD-0700 For 3 Hour Rated, Add	34.74	
15864-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.47	35.13
		15MOD-0698 For Horizontal, Add	27.74	
		15MOD-0699 For Dynamic Damper, Add	41.61	
		15MOD-0700 For 3 Hour Rated, Add	36.99	
15864-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.88	37.69
		15MOD-0698 For Horizontal, Add	30.27	
		15MOD-0699 For Dynamic Damper, Add	45.41	
		15MOD-0700 For 3 Hour Rated, Add	40.36	
15864-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.02	40.18
		15MOD-0698 For Horizontal, Add	33.36	
		15MOD-0699 For Dynamic Damper, Add	50.04	
		15MOD-0700 For 3 Hour Rated, Add	44.48	
15864-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.67	41.39
		15MOD-0698 For Horizontal, Add	35.89	
		15MOD-0699 For Dynamic Damper, Add	53.84	
		15MOD-0700 For 3 Hour Rated, Add	47.86	
15864-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.91	42.67
		15MOD-0698 For Horizontal, Add	39.26	
		15MOD-0699 For Dynamic Damper, Add	58.90	
		15MOD-0700 For 3 Hour Rated, Add	52.35	
15864-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	414.34	45.16
		15MOD-0698 For Horizontal, Add	41.80	
		15MOD-0699 For Dynamic Damper, Add	62.69	
		15MOD-0700 For 3 Hour Rated, Add	55.73	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0295	EA 48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	440.59	46.44
	15MOD-0698 For Horizontal, Add	45.17	
	15MOD-0699 For Dynamic Damper, Add	67.75	
	15MOD-0700 For 3 Hour Rated, Add	60.23	
15864-0296	EA 48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	466.90	50.21
	15MOD-0698 For Horizontal, Add	47.42	
	15MOD-0699 For Dynamic Damper, Add	71.13	
	15MOD-0700 For 3 Hour Rated, Add	63.22	
15864-0297	EA 52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	202.16	21.34
	15MOD-0698 For Horizontal, Add	20.71	
	15MOD-0699 For Dynamic Damper, Add	31.07	
	15MOD-0700 For 3 Hour Rated, Add	27.62	
15864-0298	EA 52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	213.42	22.61
	15MOD-0698 For Horizontal, Add	21.84	
	15MOD-0699 For Dynamic Damper, Add	32.76	
	15MOD-0700 For 3 Hour Rated, Add	29.12	
15864-0299	EA 52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.47	25.10
	15MOD-0698 For Horizontal, Add	22.96	
	15MOD-0699 For Dynamic Damper, Add	34.44	
	15MOD-0700 For 3 Hour Rated, Add	30.62	
15864-0300	EA 52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	237.87	27.59
	15MOD-0698 For Horizontal, Add	23.24	
	15MOD-0699 For Dynamic Damper, Add	34.86	
	15MOD-0700 For 3 Hour Rated, Add	30.99	
15864-0301	EA 52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	253.86	30.16
	15MOD-0698 For Horizontal, Add	24.51	
	15MOD-0699 For Dynamic Damper, Add	36.76	
	15MOD-0700 For 3 Hour Rated, Add	32.68	
15864-0302	EA 52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	269.81	32.64
	15MOD-0698 For Horizontal, Add	25.77	
	15MOD-0699 For Dynamic Damper, Add	38.66	
	15MOD-0700 For 3 Hour Rated, Add	34.36	
15864-0303	EA 52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	288.60	35.13
	15MOD-0698 For Horizontal, Add	27.46	
	15MOD-0699 For Dynamic Damper, Add	41.19	
	15MOD-0700 For 3 Hour Rated, Add	36.61	
15864-0304	EA 52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	307.38	37.69
	15MOD-0698 For Horizontal, Add	29.15	
	15MOD-0699 For Dynamic Damper, Add	43.72	
	15MOD-0700 For 3 Hour Rated, Add	38.86	
15864-0305	EA 52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	331.79	40.18
	15MOD-0698 For Horizontal, Add	31.68	
	15MOD-0699 For Dynamic Damper, Add	47.51	
	15MOD-0700 For 3 Hour Rated, Add	42.23	
15864-0306	EA 52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	361.80	42.67
	15MOD-0698 For Horizontal, Add	35.05	
	15MOD-0699 For Dynamic Damper, Add	52.57	
	15MOD-0700 For 3 Hour Rated, Add	46.73	
15864-0307	EA 52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	384.32	43.95
	15MOD-0698 For Horizontal, Add	37.86	
	15MOD-0699 For Dynamic Damper, Add	56.79	
	15MOD-0700 For 3 Hour Rated, Add	50.48	
15864-0308	EA 52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	412.46	45.16
	15MOD-0698 For Horizontal, Add	41.51	
	15MOD-0699 For Dynamic Damper, Add	62.27	
	15MOD-0700 For 3 Hour Rated, Add	55.35	
15864-0309	EA 52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	442.47	47.72
	15MOD-0698 For Horizontal, Add	44.89	
	15MOD-0699 For Dynamic Damper, Add	67.33	
	15MOD-0700 For 3 Hour Rated, Add	59.85	
15864-0310	EA 52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	466.90	50.21
	15MOD-0698 For Horizontal, Add	47.42	
	15MOD-0699 For Dynamic Damper, Add	71.13	
	15MOD-0700 For 3 Hour Rated, Add	63.22	
15864-0311	EA 52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	500.68	53.97
	15MOD-0698 For Horizontal, Add	50.79	
	15MOD-0699 For Dynamic Damper, Add	76.19	
	15MOD-0700 For 3 Hour Rated, Add	67.72	
15864-0312	EA 52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	526.97	56.46
	15MOD-0698 For Horizontal, Add	53.60	
	15MOD-0699 For Dynamic Damper, Add	80.40	
	15MOD-0700 For 3 Hour Rated, Add	71.47	
15864-0313	EA 56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	209.67	22.61
	15MOD-0698 For Horizontal, Add	21.27	
	15MOD-0699 For Dynamic Damper, Add	31.91	
	15MOD-0700 For 3 Hour Rated, Add	28.37	
15864-0314	EA 56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	226.58	25.10
	15MOD-0698 For Horizontal, Add	22.68	
	15MOD-0699 For Dynamic Damper, Add	34.02	
	15MOD-0700 For 3 Hour Rated, Add	30.24	
15864-0315	EA 56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	239.75	27.59
	15MOD-0698 For Horizontal, Add	23.52	
	15MOD-0699 For Dynamic Damper, Add	35.29	
	15MOD-0700 For 3 Hour Rated, Add	31.37	

15000 Mechanical
15800 Air Distribution
15864 Fire Dampers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0316	EA	56"	x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.16	30.16
			15MOD-0698 For Horizontal, Add	23.80	
			15MOD-0699 For Dynamic Damper, Add	35.71	
			15MOD-0700 For 3 Hour Rated, Add	31.74	
15864-0317	EA	56"	x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.01	32.64
			15MOD-0698 For Horizontal, Add	25.35	
			15MOD-0699 For Dynamic Damper, Add	38.03	
			15MOD-0700 For 3 Hour Rated, Add	33.80	
15864-0318	EA	56"	x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.85	35.13
			15MOD-0698 For Horizontal, Add	26.90	
			15MOD-0699 For Dynamic Damper, Add	40.34	
			15MOD-0700 For 3 Hour Rated, Add	35.86	
15864-0319	EA	56"	x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	302.70	37.69
			15MOD-0698 For Horizontal, Add	28.44	
			15MOD-0699 For Dynamic Damper, Add	42.66	
			15MOD-0700 For 3 Hour Rated, Add	37.92	
15864-0320	EA	56"	x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.54	40.18
			15MOD-0698 For Horizontal, Add	29.99	
			15MOD-0699 For Dynamic Damper, Add	44.98	
			15MOD-0700 For 3 Hour Rated, Add	39.98	
15864-0321	EA	56"	x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.55	42.67
			15MOD-0698 For Horizontal, Add	33.36	
			15MOD-0699 For Dynamic Damper, Add	50.04	
			15MOD-0700 For 3 Hour Rated, Add	44.48	
15864-0322	EA	56"	x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.83	43.95
			15MOD-0698 For Horizontal, Add	36.74	
			15MOD-0699 For Dynamic Damper, Add	55.10	
			15MOD-0700 For 3 Hour Rated, Add	48.98	
15864-0323	EA	56"	x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.21	45.16
			15MOD-0698 For Horizontal, Add	39.83	
			15MOD-0699 For Dynamic Damper, Add	59.74	
			15MOD-0700 For 3 Hour Rated, Add	53.10	
15864-0324	EA	56"	x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	434.99	47.72
			15MOD-0698 For Horizontal, Add	43.76	
			15MOD-0699 For Dynamic Damper, Add	65.65	
			15MOD-0700 For 3 Hour Rated, Add	58.35	
15864-0325	EA	56"	x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.02	50.21
			15MOD-0698 For Horizontal, Add	47.14	
			15MOD-0699 For Dynamic Damper, Add	70.70	
			15MOD-0700 For 3 Hour Rated, Add	62.85	
15864-0326	EA	56"	x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.91	52.69
			15MOD-0698 For Horizontal, Add	50.79	
			15MOD-0699 For Dynamic Damper, Add	76.19	
			15MOD-0700 For 3 Hour Rated, Add	67.72	
15864-0327	EA	56"	x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.20	55.26
			15MOD-0698 For Horizontal, Add	53.60	
			15MOD-0699 For Dynamic Damper, Add	80.40	
			15MOD-0700 For 3 Hour Rated, Add	71.47	
15864-0328	EA	56"	x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	555.10	57.75
			15MOD-0698 For Horizontal, Add	57.26	
			15MOD-0699 For Dynamic Damper, Add	85.88	
			15MOD-0700 For 3 Hour Rated, Add	76.34	
15864-0329	EA	56"	x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	587.00	60.24
			15MOD-0698 For Horizontal, Add	60.91	
			15MOD-0699 For Dynamic Damper, Add	91.37	
			15MOD-0700 For 3 Hour Rated, Add	81.21	
15864-0330	EA	60"	x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.84	25.10
			15MOD-0698 For Horizontal, Add	22.12	
			15MOD-0699 For Dynamic Damper, Add	33.18	
			15MOD-0700 For 3 Hour Rated, Add	29.49	
15864-0331	EA	60"	x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.75	27.59
			15MOD-0698 For Horizontal, Add	23.52	
			15MOD-0699 For Dynamic Damper, Add	35.29	
			15MOD-0700 For 3 Hour Rated, Add	31.37	
15864-0332	EA	60"	x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.03	30.16
			15MOD-0698 For Horizontal, Add	24.08	
			15MOD-0699 For Dynamic Damper, Add	36.13	
			15MOD-0700 For 3 Hour Rated, Add	32.11	
15864-0333	EA	60"	x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.44	32.64
			15MOD-0698 For Horizontal, Add	24.37	
			15MOD-0699 For Dynamic Damper, Add	36.55	
			15MOD-0700 For 3 Hour Rated, Add	32.49	
15864-0334	EA	60"	x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.23	35.13
			15MOD-0698 For Horizontal, Add	26.05	
			15MOD-0699 For Dynamic Damper, Add	39.08	
			15MOD-0700 For 3 Hour Rated, Add	34.74	
15864-0335	EA	60"	x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.01	37.69
			15MOD-0698 For Horizontal, Add	27.74	
			15MOD-0699 For Dynamic Damper, Add	41.61	
			15MOD-0700 For 3 Hour Rated, Add	36.99	
15864-0336	EA	60"	x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.73	40.18
			15MOD-0698 For Horizontal, Add	29.57	
			15MOD-0699 For Dynamic Damper, Add	44.35	
			15MOD-0700 For 3 Hour Rated, Add	39.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15864-0337 EA 60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	337.44	42.67
15MOD-0698 For Horizontal, Add	31.39	
15MOD-0699 For Dynamic Damper, Add	47.09	
15MOD-0700 For 3 Hour Rated, Add	41.86	
15864-0338 EA 60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	365.58	43.95
15MOD-0698 For Horizontal, Add	35.05	
15MOD-0699 For Dynamic Damper, Add	52.57	
15MOD-0700 For 3 Hour Rated, Add	46.73	
15864-0339 EA 60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	391.84	45.16
15MOD-0698 For Horizontal, Add	38.42	
15MOD-0699 For Dynamic Damper, Add	57.63	
15MOD-0700 For 3 Hour Rated, Add	51.23	
15864-0340 EA 60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	423.75	47.72
15MOD-0698 For Horizontal, Add	42.08	
15MOD-0699 For Dynamic Damper, Add	63.12	
15MOD-0700 For 3 Hour Rated, Add	56.10	
15864-0341 EA 60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	455.66	50.21
15MOD-0698 For Horizontal, Add	45.73	
15MOD-0699 For Dynamic Damper, Add	68.60	
15MOD-0700 For 3 Hour Rated, Add	60.98	
15864-0342 EA 60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	481.93	52.69
15MOD-0698 For Horizontal, Add	48.54	
15MOD-0699 For Dynamic Damper, Add	72.81	
15MOD-0700 For 3 Hour Rated, Add	64.72	
15864-0343 EA 60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	519.45	55.26
15MOD-0698 For Horizontal, Add	53.04	
15MOD-0699 For Dynamic Damper, Add	79.56	
15MOD-0700 For 3 Hour Rated, Add	70.72	
15864-0344 EA 60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	553.22	57.75
15MOD-0698 For Horizontal, Add	56.97	
15MOD-0699 For Dynamic Damper, Add	85.46	
15MOD-0700 For 3 Hour Rated, Add	75.97	
15864-0345 EA 60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	587.00	60.24
15MOD-0698 For Horizontal, Add	60.91	
15MOD-0699 For Dynamic Damper, Add	91.37	
15MOD-0700 For 3 Hour Rated, Add	81.21	
15864-0346 EA 60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	617.01	62.80
15MOD-0698 For Horizontal, Add	64.28	
15MOD-0699 For Dynamic Damper, Add	96.42	
15MOD-0700 For 3 Hour Rated, Add	85.71	
15864-0347 EA 60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	647.07	65.28
15MOD-0698 For Horizontal, Add	67.66	
15MOD-0699 For Dynamic Damper, Add	101.49	
15MOD-0700 For 3 Hour Rated, Add	90.21	
15864-0348 Round 2 Hour Fire Damper (15864)		
15864-0349 EA 4" Round 2 Hour Fire Damper	46.11	15.08
15864-0350 EA 5" Round 2 Hour Fire Damper	47.25	15.08
15864-0351 EA 6" Round 2 Hour Fire Damper	54.79	17.11
15864-0352 EA 7" Round 2 Hour Fire Damper	56.03	17.11
15864-0353 EA 8" Round 2 Hour Fire Damper	65.04	18.85
15864-0354 EA 9" Round 2 Hour Fire Damper	68.46	18.85
15864-0355 EA 10" Round 2 Hour Fire Damper	76.08	20.95
15864-0356 EA 12" Round 2 Hour Fire Damper	85.50	23.59
15864-0357 EA 14" Round 2 Hour Fire Damper	97.37	26.92
15864-0358 Round 4 Hour Fire Damper (15864)		
15864-0359 EA 4" Round 4 Hour Fire Damper	52.14	17.11
15864-0360 EA 5" Round 4 Hour Fire Damper	55.25	17.11
15864-0361 EA 6" Round 4 Hour Fire Damper	61.82	18.85
15864-0362 EA 7" Round 4 Hour Fire Damper	65.84	18.85
15864-0363 EA 8" Round 4 Hour Fire Damper	74.05	20.95
15864-0364 EA 9" Round 4 Hour Fire Damper	76.50	20.95
15864-0365 EA 10" Round 4 Hour Fire Damper	85.57	23.59
15864-0366 EA 12" Round 4 Hour Fire Damper	95.82	26.92
15864-0367 EA 14" Round 4 Hour Fire Damper	111.78	31.44
15865 Smoke And Fire Damper (15800)		
15865-0001 Combination Smoke/Fire Damper (15865)		
Note: Leakage class I with Firestat UL 555S air foil blades.		
15865-0002 EA 6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.34	12.55
15MOD-0700 For 3 Hour Rated, Add	10.94	
15865-0003 EA 8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	95.39	13.12
15MOD-0700 For 3 Hour Rated, Add	11.21	
15865-0004 EA 8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	96.96	13.23
15MOD-0700 For 3 Hour Rated, Add	11.48	
15865-0005 EA 10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	96.96	13.23
15MOD-0700 For 3 Hour Rated, Add	11.48	
15865-0006 EA 10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.43	13.57
15MOD-0700 For 3 Hour Rated, Add	11.74	

15000 Mechanical
15800 Air Distribution
15865 Smoke And Fire Damper



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15865-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	106.65	15.04
		15MOD-0700 For 3 Hour Rated, Add	12.28	
15865-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.43	13.57
		15MOD-0700 For 3 Hour Rated, Add	11.74	
15865-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	104.39	14.36
		15MOD-0700 For 3 Hour Rated, Add	12.28	
15865-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.99	15.04
		15MOD-0700 For 3 Hour Rated, Add	12.55	
15865-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.00	16.96
		15MOD-0700 For 3 Hour Rated, Add	12.82	
15865-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.72	14.36
		15MOD-0700 For 3 Hour Rated, Add	12.15	
15865-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.99	15.04
		15MOD-0700 For 3 Hour Rated, Add	12.55	
15865-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.61	15.84
		15MOD-0700 For 3 Hour Rated, Add	12.82	
15865-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.36	16.96
		15MOD-0700 For 3 Hour Rated, Add	13.09	
15865-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	125.37	18.89
		15MOD-0700 For 3 Hour Rated, Add	13.77	
15865-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	157.26	15.04
		15MOD-0700 For 3 Hour Rated, Add	22.41	
15865-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.00	16.17
		15MOD-0700 For 3 Hour Rated, Add	22.68	
15865-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	167.88	17.75
		15MOD-0700 For 3 Hour Rated, Add	22.95	
15865-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.60	18.89
		15MOD-0700 For 3 Hour Rated, Add	23.21	
15865-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	181.63	20.69
		15MOD-0700 For 3 Hour Rated, Add	23.89	
15865-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.65	22.61
		15MOD-0700 For 3 Hour Rated, Add	24.56	
15865-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	160.88	15.84
		15MOD-0700 For 3 Hour Rated, Add	22.68	
15865-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.28	16.96
		15MOD-0700 For 3 Hour Rated, Add	23.08	
15865-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.97	18.89
		15MOD-0700 For 3 Hour Rated, Add	23.49	
15865-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.98	20.69
		15MOD-0700 For 3 Hour Rated, Add	24.16	
15865-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.32	22.61
		15MOD-0700 For 3 Hour Rated, Add	24.70	
15865-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	200.35	24.43
		15MOD-0700 For 3 Hour Rated, Add	25.37	
15865-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.03	26.35
		15MOD-0700 For 3 Hour Rated, Add	25.77	
15865-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	165.62	16.96
		15MOD-0700 For 3 Hour Rated, Add	22.95	
15865-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.96	18.89
		15MOD-0700 For 3 Hour Rated, Add	23.48	
15865-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.30	20.69
		15MOD-0700 For 3 Hour Rated, Add	24.02	
15865-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	193.35	22.61
		15MOD-0700 For 3 Hour Rated, Add	25.10	
15865-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	201.03	24.43
		15MOD-0700 For 3 Hour Rated, Add	25.51	
15865-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.71	26.35
		15MOD-0700 For 3 Hour Rated, Add	25.91	
15865-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	217.05	28.27
		15MOD-0700 For 3 Hour Rated, Add	26.45	
15865-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.40	30.08
		15MOD-0700 For 3 Hour Rated, Add	26.99	
15865-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	229.04	18.89
		15MOD-0700 For 3 Hour Rated, Add	34.50	
15865-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.74	20.69
		15MOD-0700 For 3 Hour Rated, Add	35.31	
15865-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	247.10	22.61
		15MOD-0700 For 3 Hour Rated, Add	35.85	
15865-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	256.79	24.43
		15MOD-0700 For 3 Hour Rated, Add	36.66	
15865-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.47	26.35
		15MOD-0700 For 3 Hour Rated, Add	37.06	
15865-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	272.14	28.27
		15MOD-0700 For 3 Hour Rated, Add	37.47	
15865-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	281.84	30.08
		15MOD-0700 For 3 Hour Rated, Add	38.27	
15865-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	297.18	33.93
		15MOD-0700 For 3 Hour Rated, Add	39.08	
15865-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	313.88	37.65
		15MOD-0700 For 3 Hour Rated, Add	40.16	
15865-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	238.74	20.69
		15MOD-0700 For 3 Hour Rated, Add	35.31	
15865-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	247.10	22.61
		15MOD-0700 For 3 Hour Rated, Add	35.85	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15865-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	256.79	24.43
	15MOD-0700	For 3 Hour Rated, Add	36.66	
15865-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	265.14	26.35
	15MOD-0700	For 3 Hour Rated, Add	37.20	
15865-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	274.16	28.27
	15MOD-0700	For 3 Hour Rated, Add	37.87	
15865-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	283.18	30.08
	15MOD-0700	For 3 Hour Rated, Add	38.54	
15865-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	298.52	33.93
	15MOD-0700	For 3 Hour Rated, Add	39.35	
15865-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	313.88	37.65
	15MOD-0700	For 3 Hour Rated, Add	40.16	
15865-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	327.61	39.58
	15MOD-0700	For 3 Hour Rated, Add	41.78	
15865-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	345.66	43.31
	15MOD-0700	For 3 Hour Rated, Add	43.12	
15865-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	251.13	22.61
	15MOD-0700	For 3 Hour Rated, Add	36.66	
15865-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.13	24.43
	15MOD-0700	For 3 Hour Rated, Add	36.93	
15865-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	265.14	26.35
	15MOD-0700	For 3 Hour Rated, Add	37.20	
15865-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	273.48	28.27
	15MOD-0700	For 3 Hour Rated, Add	37.73	
15865-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	283.43	30.08
	15MOD-0700	For 3 Hour Rated, Add	38.59	
15865-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	298.52	33.93
	15MOD-0700	For 3 Hour Rated, Add	39.35	
15865-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	315.23	37.65
	15MOD-0700	For 3 Hour Rated, Add	40.43	
15865-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	331.92	41.39
	15MOD-0700	For 3 Hour Rated, Add	41.51	
15865-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	345.66	43.31
	15MOD-0700	For 3 Hour Rated, Add	43.12	
15865-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	364.14	46.37
	15MOD-0700	For 3 Hour Rated, Add	45.01	
15865-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	382.82	48.97
	15MOD-0700	For 3 Hour Rated, Add	47.16	
15865-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	265.05	24.43
	15MOD-0700	For 3 Hour Rated, Add	38.31	
15865-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	273.63	26.35
	15MOD-0700	For 3 Hour Rated, Add	38.89	
15865-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.20	28.27
	15MOD-0700	For 3 Hour Rated, Add	39.48	
15865-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	292.26	30.08
	15MOD-0700	For 3 Hour Rated, Add	40.36	
15865-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	305.77	33.93
	15MOD-0700	For 3 Hour Rated, Add	40.80	
15865-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	313.61	35.73
	15MOD-0700	For 3 Hour Rated, Add	41.24	
15865-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	337.90	41.39
	15MOD-0700	For 3 Hour Rated, Add	42.70	
15865-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	356.53	45.23
	15MOD-0700	For 3 Hour Rated, Add	44.17	
15865-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	369.83	46.70
	15MOD-0700	For 3 Hour Rated, Add	45.92	
15865-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	391.72	50.09
	15MOD-0700	For 3 Hour Rated, Add	48.27	
15865-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	409.88	52.69
	15MOD-0700	For 3 Hour Rated, Add	50.31	
15865-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	427.24	54.62
	15MOD-0700	For 3 Hour Rated, Add	52.66	
15865-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	321.43	28.27
	15MOD-0700	For 3 Hour Rated, Add	48.45	
15865-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	332.93	30.08
	15MOD-0700	For 3 Hour Rated, Add	49.62	
15865-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	340.06	32.00
	15MOD-0700	For 3 Hour Rated, Add	49.92	
15865-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	347.18	33.93
	15MOD-0700	For 3 Hour Rated, Add	50.21	
15865-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	363.60	35.73
	15MOD-0700	For 3 Hour Rated, Add	51.24	
15865-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	374.39	37.65
	15MOD-0700	For 3 Hour Rated, Add	52.26	
15865-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	397.22	43.31
	15MOD-0700	For 3 Hour Rated, Add	53.43	
15865-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	414.37	47.04
	15MOD-0700	For 3 Hour Rated, Add	54.60	
15865-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	432.20	50.09
	15MOD-0700	For 3 Hour Rated, Add	56.36	
15865-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	456.22	52.69
	15MOD-0700	For 3 Hour Rated, Add	59.58	
15865-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	474.05	55.75
	15MOD-0700	For 3 Hour Rated, Add	61.34	

15000 Mechanical
15800 Air Distribution
15865 Smoke And Fire Damper



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15865-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	494.68	57.22
		15MOD-0700 For 3 Hour Rated, Add	64.56	
15865-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	518.38	60.27
		15MOD-0700 For 3 Hour Rated, Add	67.49	
15865-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	330.01	28.27
		15MOD-0700 For 3 Hour Rated, Add	49.04	
15865-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	341.53	30.08
		15MOD-0700 For 3 Hour Rated, Add	50.21	
15865-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	351.57	32.00
		15MOD-0700 For 3 Hour Rated, Add	51.09	
15865-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	358.69	33.93
		15MOD-0700 For 3 Hour Rated, Add	51.38	
15865-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	370.20	35.73
		15MOD-0700 For 3 Hour Rated, Add	52.56	
15865-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	381.71	37.65
		15MOD-0700 For 3 Hour Rated, Add	53.73	
15865-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	411.66	45.23
		15MOD-0700 For 3 Hour Rated, Add	55.19	
15865-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	430.27	48.97
		15MOD-0700 For 3 Hour Rated, Add	56.65	
15865-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	456.22	52.69
		15MOD-0700 For 3 Hour Rated, Add	59.58	
15865-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	480.71	56.54
		15MOD-0700 For 3 Hour Rated, Add	62.22	
15865-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	506.65	60.27
		15MOD-0700 For 3 Hour Rated, Add	65.14	
15865-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	525.48	62.08
		15MOD-0700 For 3 Hour Rated, Add	67.78	
15865-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	544.32	64.01
		15MOD-0700 For 3 Hour Rated, Add	70.42	
15865-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	563.16	65.93
		15MOD-0700 For 3 Hour Rated, Add	73.05	
15865-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	340.06	30.08
		15MOD-0700 For 3 Hour Rated, Add	49.92	
15865-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	351.57	32.00
		15MOD-0700 For 3 Hour Rated, Add	51.09	
15865-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	358.69	33.93
		15MOD-0700 For 3 Hour Rated, Add	51.38	
15865-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	374.39	37.65
		15MOD-0700 For 3 Hour Rated, Add	52.26	
15865-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	391.55	41.39
		15MOD-0700 For 3 Hour Rated, Add	53.43	
15865-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	408.72	45.23
		15MOD-0700 For 3 Hour Rated, Add	54.60	
15865-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	428.81	48.97
		15MOD-0700 For 3 Hour Rated, Add	56.36	
15865-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	448.90	52.69
		15MOD-0700 For 3 Hour Rated, Add	58.12	
15865-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	473.39	56.54
		15MOD-0700 For 3 Hour Rated, Add	60.75	
15865-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	500.79	60.27
		15MOD-0700 For 3 Hour Rated, Add	63.97	
15865-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	519.64	62.08
		15MOD-0700 For 3 Hour Rated, Add	66.61	
15865-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	542.85	64.01
		15MOD-0700 For 3 Hour Rated, Add	70.12	
15865-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	567.34	67.73
		15MOD-0700 For 3 Hour Rated, Add	72.76	
15865-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	590.57	69.66
		15MOD-0700 For 3 Hour Rated, Add	76.27	
15865-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	619.24	75.31
		15MOD-0700 For 3 Hour Rated, Add	78.62	
15865-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	350.10	32.00
		15MOD-0700 For 3 Hour Rated, Add	50.80	
15865-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	361.61	33.93
		15MOD-0700 For 3 Hour Rated, Add	51.97	
15865-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	378.78	37.65
		15MOD-0700 For 3 Hour Rated, Add	53.14	
15865-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	391.55	41.39
		15MOD-0700 For 3 Hour Rated, Add	53.43	
15865-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	409.46	45.23
		15MOD-0700 For 3 Hour Rated, Add	54.75	
15865-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	427.35	48.97
		15MOD-0700 For 3 Hour Rated, Add	56.07	
15865-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	447.44	52.69
		15MOD-0700 For 3 Hour Rated, Add	57.83	
15865-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	467.53	56.54
		15MOD-0700 For 3 Hour Rated, Add	59.58	
15865-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	492.02	60.27
		15MOD-0700 For 3 Hour Rated, Add	62.22	
15865-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	520.90	64.01
		15MOD-0700 For 3 Hour Rated, Add	65.73	
15865-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	541.18	65.93
		15MOD-0700 For 3 Hour Rated, Add	68.66	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15865-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	565.88	67.73
	15MOD-0700	For 3 Hour Rated, Add	72.47	
15865-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	594.74	71.58
	15MOD-0700	For 3 Hour Rated, Add	75.98	
15865-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	619.24	75.31
	15MOD-0700	For 3 Hour Rated, Add	78.62	
15865-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	653.76	80.97
	15MOD-0700	For 3 Hour Rated, Add	82.13	
15865-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	679.72	84.70
	15MOD-0700	For 3 Hour Rated, Add	85.06	
15865-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	358.69	33.93
	15MOD-0700	For 3 Hour Rated, Add	51.38	
15865-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	377.31	37.65
	15MOD-0700	For 3 Hour Rated, Add	52.85	
15865-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	393.01	41.39
	15MOD-0700	For 3 Hour Rated, Add	53.73	
15865-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	405.79	45.23
	15MOD-0700	For 3 Hour Rated, Add	54.02	
15865-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	425.15	48.97
	15MOD-0700	For 3 Hour Rated, Add	55.63	
15865-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	444.51	52.69
	15MOD-0700	For 3 Hour Rated, Add	57.24	
15865-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	463.87	56.54
	15MOD-0700	For 3 Hour Rated, Add	58.85	
15865-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	483.23	60.27
	15MOD-0700	For 3 Hour Rated, Add	60.46	
15865-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	512.10	64.01
	15MOD-0700	For 3 Hour Rated, Add	63.97	
15865-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	535.34	65.93
	15MOD-0700	For 3 Hour Rated, Add	67.49	
15865-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	557.08	67.73
	15MOD-0700	For 3 Hour Rated, Add	70.71	
15865-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	588.89	71.58
	15MOD-0700	For 3 Hour Rated, Add	74.81	
15865-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	617.77	75.31
	15MOD-0700	For 3 Hour Rated, Add	78.32	
15865-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	648.11	79.05
	15MOD-0700	For 3 Hour Rated, Add	82.13	
15865-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	674.07	82.88
	15MOD-0700	For 3 Hour Rated, Add	85.06	
15865-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	704.40	86.62
	15MOD-0700	For 3 Hour Rated, Add	88.86	
15865-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	734.74	90.35
	15MOD-0700	For 3 Hour Rated, Add	92.67	
15865-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	374.39	37.65
	15MOD-0700	For 3 Hour Rated, Add	52.26	
15865-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	393.01	41.39
	15MOD-0700	For 3 Hour Rated, Add	53.73	
15865-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	407.26	45.23
	15MOD-0700	For 3 Hour Rated, Add	54.31	
15865-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	420.02	48.97
	15MOD-0700	For 3 Hour Rated, Add	54.60	
15865-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	440.12	52.69
	15MOD-0700	For 3 Hour Rated, Add	56.36	
15865-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	460.21	56.54
	15MOD-0700	For 3 Hour Rated, Add	58.12	
15865-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	481.03	60.27
	15MOD-0700	For 3 Hour Rated, Add	60.02	
15865-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	501.87	64.01
	15MOD-0700	For 3 Hour Rated, Add	61.93	
15865-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	526.55	65.93
	15MOD-0700	For 3 Hour Rated, Add	65.73	
15865-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	549.76	67.73
	15MOD-0700	For 3 Hour Rated, Add	69.24	
15865-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	580.12	71.58
	15MOD-0700	For 3 Hour Rated, Add	73.05	
15865-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	610.46	75.31
	15MOD-0700	For 3 Hour Rated, Add	76.86	
15865-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	636.41	79.05
	15MOD-0700	For 3 Hour Rated, Add	79.79	
15865-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	671.14	82.88
	15MOD-0700	For 3 Hour Rated, Add	84.47	
15865-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	702.94	86.62
	15MOD-0700	For 3 Hour Rated, Add	88.57	
15865-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	734.74	90.35
	15MOD-0700	For 3 Hour Rated, Add	92.67	
15865-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	763.61	94.20
	15MOD-0700	For 3 Hour Rated, Add	96.18	
15865-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	792.51	97.92
	15MOD-0700	For 3 Hour Rated, Add	99.70	

15866 Smoke Damper (15800)

15000 Mechanical
15800 Air Distribution
15866 Smoke Damper



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0001		Smoke Damper ⁽¹⁵⁸⁶⁶⁾		
		Note: Leakage class I with Firestat UL 555S air foil blades.		
15866-0002	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	73.67	8.37
		15MOD-0699 For Dynamic Damper, Add	10.93	
		15MOD-0700 For 3 Hour Rated, Add	9.71	
15866-0003	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.02	8.74
		15MOD-0699 For Dynamic Damper, Add	11.20	
		15MOD-0700 For 3 Hour Rated, Add	9.96	
15866-0004	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	77.41	8.82
		15MOD-0699 For Dynamic Damper, Add	11.48	
		15MOD-0700 For 3 Hour Rated, Add	10.21	
15866-0005	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	77.41	8.82
		15MOD-0699 For Dynamic Damper, Add	11.48	
		15MOD-0700 For 3 Hour Rated, Add	10.21	
15866-0006	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.40	9.05
		15MOD-0699 For Dynamic Damper, Add	11.76	
		15MOD-0700 For 3 Hour Rated, Add	10.45	
15866-0007	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.87	10.02
		15MOD-0699 For Dynamic Damper, Add	12.31	
		15MOD-0700 For 3 Hour Rated, Add	10.94	
15866-0008	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.40	9.05
		15MOD-0699 For Dynamic Damper, Add	11.76	
		15MOD-0700 For 3 Hour Rated, Add	10.45	
15866-0009	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.36	9.57
		15MOD-0699 For Dynamic Damper, Add	12.31	
		15MOD-0700 For 3 Hour Rated, Add	10.94	
15866-0010	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.11	10.02
		15MOD-0699 For Dynamic Damper, Add	12.59	
		15MOD-0700 For 3 Hour Rated, Add	11.19	
15866-0011	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.10	11.31
		15MOD-0699 For Dynamic Damper, Add	12.86	
		15MOD-0700 For 3 Hour Rated, Add	11.43	
15866-0012	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.75	9.57
		15MOD-0699 For Dynamic Damper, Add	12.17	
		15MOD-0700 For 3 Hour Rated, Add	10.82	
15866-0013	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.11	10.02
		15MOD-0699 For Dynamic Damper, Add	12.59	
		15MOD-0700 For 3 Hour Rated, Add	11.19	
15866-0014	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.83	10.56
		15MOD-0699 For Dynamic Damper, Add	12.86	
		15MOD-0700 For 3 Hour Rated, Add	11.43	
15866-0015	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.34	11.31
		15MOD-0699 For Dynamic Damper, Add	13.14	
		15MOD-0700 For 3 Hour Rated, Add	11.68	
15866-0016	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.17	12.59
		15MOD-0699 For Dynamic Damper, Add	13.83	
		15MOD-0700 For 3 Hour Rated, Add	12.30	
15866-0017	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.89	10.02
		15MOD-0699 For Dynamic Damper, Add	22.66	
		15MOD-0700 For 3 Hour Rated, Add	20.15	
15866-0018	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	134.38	10.78
		15MOD-0699 For Dynamic Damper, Add	22.94	
		15MOD-0700 For 3 Hour Rated, Add	20.39	
15866-0019	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.62	11.84
		15MOD-0699 For Dynamic Damper, Add	23.22	
		15MOD-0700 For 3 Hour Rated, Add	20.64	
15866-0020	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.10	12.59
		15MOD-0699 For Dynamic Damper, Add	23.49	
		15MOD-0700 For 3 Hour Rated, Add	20.88	
15866-0021	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.96	13.80
		15MOD-0699 For Dynamic Damper, Add	24.19	
		15MOD-0700 For 3 Hour Rated, Add	21.50	
15866-0022	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.80	15.08
		15MOD-0699 For Dynamic Damper, Add	24.88	
		15MOD-0700 For 3 Hour Rated, Add	22.11	
15866-0023	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.62	10.56
		15MOD-0699 For Dynamic Damper, Add	22.94	
		15MOD-0700 For 3 Hour Rated, Add	20.39	
15866-0024	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.73	11.31
		15MOD-0699 For Dynamic Damper, Add	23.36	
		15MOD-0700 For 3 Hour Rated, Add	20.76	
15866-0025	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.35	12.59
		15MOD-0699 For Dynamic Damper, Add	23.77	
		15MOD-0700 For 3 Hour Rated, Add	21.13	
15866-0026	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.19	13.80
		15MOD-0699 For Dynamic Damper, Add	24.46	
		15MOD-0700 For 3 Hour Rated, Add	21.75	
15866-0027	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.41	15.08
		15MOD-0699 For Dynamic Damper, Add	25.02	
		15MOD-0700 For 3 Hour Rated, Add	22.24	
15866-0028	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.26	16.28
		15MOD-0699 For Dynamic Damper, Add	25.71	
		15MOD-0700 For 3 Hour Rated, Add	22.85	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0029	EA 18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	168.88 26.12 23.22	17.57
15866-0030	EA 20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	137.12 23.22 20.64	11.31
15866-0031	EA 20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	143.34 23.77 21.13	12.59
15866-0032	EA 20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	149.57 24.32 21.62	13.80
15866-0033	EA 20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	158.27 25.43 22.61	15.08
15866-0034	EA 20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	163.88 25.85 22.98	16.28
15866-0035	EA 20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	169.50 26.26 23.35	17.57
15866-0036	EA 20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	175.72 26.82 23.84	18.85
15866-0037	EA 20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	181.95 27.37 24.33	20.06
15866-0038	EA 24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	180.39 32.11 28.54	12.59
15866-0039	EA 24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	187.86 32.94 29.28	13.80
15866-0040	EA 24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	194.10 33.50 29.77	15.08
15866-0041	EA 24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	201.56 34.33 30.51	16.28
15866-0042	EA 24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	207.17 34.74 30.88	17.57
15866-0043	EA 24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	212.78 35.15 31.25	18.85
15866-0044	EA 24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	220.24 35.98 31.99	20.06
15866-0045	EA 24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	231.46 36.81 32.72	22.61
15866-0046	EA 24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	243.93 37.92 33.71	25.10
15866-0047	EA 28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	187.86 32.94 29.28	13.80
15866-0048	EA 28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	194.10 33.50 29.77	15.08
15866-0049	EA 28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	201.56 34.33 30.51	16.28
15866-0050	EA 28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	207.78 34.88 31.00	17.57
15866-0051	EA 28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	214.62 35.57 31.62	18.85
15866-0052	EA 28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	221.46 36.26 32.23	20.06
15866-0053	EA 28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	232.68 37.09 32.97	22.61
15866-0054	EA 28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	243.93 37.92 33.71	25.10
15866-0055	EA 28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	255.08 39.58 35.18	26.38
15866-0056	EA 28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	268.76 40.97 36.41	28.87

15000 Mechanical
15800 Air Distribution
15866 Smoke Damper



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0057	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.79	15.08
		15MOD-0699 For Dynamic Damper, Add	34.33	
		15MOD-0700 For 3 Hour Rated, Add	30.51	
15866-0058	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.77	16.28
		15MOD-0699 For Dynamic Damper, Add	34.60	
		15MOD-0700 For 3 Hour Rated, Add	30.75	
15866-0059	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.78	17.57
		15MOD-0699 For Dynamic Damper, Add	34.88	
		15MOD-0700 For 3 Hour Rated, Add	31.00	
15866-0060	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.00	18.85
		15MOD-0699 For Dynamic Damper, Add	35.43	
		15MOD-0700 For 3 Hour Rated, Add	31.49	
15866-0061	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.70	20.06
		15MOD-0699 For Dynamic Damper, Add	36.31	
		15MOD-0700 For 3 Hour Rated, Add	32.28	
15866-0062	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.68	22.61
		15MOD-0699 For Dynamic Damper, Add	37.09	
		15MOD-0700 For 3 Hour Rated, Add	32.97	
15866-0063	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.16	25.10
		15MOD-0699 For Dynamic Damper, Add	38.20	
		15MOD-0700 For 3 Hour Rated, Add	33.95	
15866-0064	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.62	27.59
		15MOD-0699 For Dynamic Damper, Add	39.31	
		15MOD-0700 For 3 Hour Rated, Add	34.94	
15866-0065	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.76	28.87
		15MOD-0699 For Dynamic Damper, Add	40.97	
		15MOD-0700 For 3 Hour Rated, Add	36.41	
15866-0066	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.41	30.90
		15MOD-0699 For Dynamic Damper, Add	42.91	
		15MOD-0700 For 3 Hour Rated, Add	38.14	
15866-0067	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.52	32.64
		15MOD-0699 For Dynamic Damper, Add	45.12	
		15MOD-0700 For 3 Hour Rated, Add	40.10	
15866-0068	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.35	16.28
		15MOD-0699 For Dynamic Damper, Add	35.63	
		15MOD-0700 For 3 Hour Rated, Add	31.67	
15866-0069	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.69	17.57
		15MOD-0699 For Dynamic Damper, Add	36.21	
		15MOD-0700 For 3 Hour Rated, Add	32.18	
15866-0070	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.03	18.85
		15MOD-0699 For Dynamic Damper, Add	36.79	
		15MOD-0700 For 3 Hour Rated, Add	32.70	
15866-0071	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.67	20.06
		15MOD-0699 For Dynamic Damper, Add	37.66	
		15MOD-0700 For 3 Hour Rated, Add	33.47	
15866-0072	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.15	22.61
		15MOD-0699 For Dynamic Damper, Add	38.09	
		15MOD-0700 For 3 Hour Rated, Add	33.86	
15866-0073	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.86	23.82
		15MOD-0699 For Dynamic Damper, Add	38.53	
		15MOD-0700 For 3 Hour Rated, Add	34.25	
15866-0074	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.60	27.59
		15MOD-0699 For Dynamic Damper, Add	39.98	
		15MOD-0700 For 3 Hour Rated, Add	35.54	
15866-0075	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.58	30.16
		15MOD-0699 For Dynamic Damper, Add	41.42	
		15MOD-0700 For 3 Hour Rated, Add	36.82	
15866-0076	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.33	31.14
		15MOD-0699 For Dynamic Damper, Add	43.17	
		15MOD-0700 For 3 Hour Rated, Add	38.37	
15866-0077	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	302.41	33.39
		15MOD-0699 For Dynamic Damper, Add	45.48	
		15MOD-0700 For 3 Hour Rated, Add	40.43	
15866-0078	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	316.71	35.13
		15MOD-0699 For Dynamic Damper, Add	47.51	
		15MOD-0700 For 3 Hour Rated, Add	42.23	
15866-0079	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.80	36.41
		15MOD-0699 For Dynamic Damper, Add	49.83	
		15MOD-0700 For 3 Hour Rated, Add	44.30	
15866-0080	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.27	18.85
		15MOD-0699 For Dynamic Damper, Add	41.96	
		15MOD-0700 For 3 Hour Rated, Add	37.30	
15866-0081	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.19	20.06
		15MOD-0699 For Dynamic Damper, Add	43.12	
		15MOD-0700 For 3 Hour Rated, Add	38.33	
15866-0082	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.25	21.34
		15MOD-0699 For Dynamic Damper, Add	43.41	
		15MOD-0700 For 3 Hour Rated, Add	38.59	
15866-0083	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.31	22.61
		15MOD-0699 For Dynamic Damper, Add	43.70	
		15MOD-0700 For 3 Hour Rated, Add	38.85	
15866-0084	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.37	23.82
		15MOD-0699 For Dynamic Damper, Add	44.72	
		15MOD-0700 For 3 Hour Rated, Add	39.75	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0085	EA 40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	278.65 45.73 40.65	25.10
15866-0086	EA 40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	295.10 46.89 41.68	28.87
15866-0087	EA 40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	307.81 48.05 42.71	31.36
15866-0088	EA 40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	321.56 49.79 44.26	33.39
15866-0089	EA 40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	341.01 52.98 47.09	35.13
15866-0090	EA 40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	354.76 54.72 48.64	37.17
15866-0091	EA 40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	371.95 57.91 51.47	38.15
15866-0092	EA 40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	390.88 60.81 54.05	40.18
15866-0093	EA 44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	245.62 42.54 37.82	18.85
15866-0094	EA 44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	254.54 43.70 38.85	20.06
15866-0095	EA 44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	262.19 44.57 39.62	21.34
15866-0096	EA 44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	267.24 44.87 39.88	22.61
15866-0097	EA 44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	276.17 46.02 40.91	23.82
15866-0098	EA 44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	285.09 47.18 41.94	25.10
15866-0099	EA 44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	306.62 48.63 43.23	30.16
15866-0100	EA 44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	320.58 50.08 44.52	32.64
15866-0101	EA 44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	341.01 52.98 47.09	35.13
15866-0102	EA 44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	360.15 55.59 49.41	37.69
15866-0103	EA 44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	380.56 58.49 51.99	40.18
15866-0104	EA 44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	395.92 61.10 54.31	41.39
15866-0105	EA 44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	411.29 63.71 56.63	42.67
15866-0106	EA 44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	426.67 66.32 58.95	43.95
15866-0107	EA 48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	253.25 43.41 38.59	20.06
15866-0108	EA 48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	262.19 44.57 39.62	21.34
15866-0109	EA 48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	267.24 44.87 39.88	22.61
15866-0110	EA 48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	278.65 45.73 40.65	25.10
15866-0111	EA 48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	291.33 46.89 41.68	27.59
15866-0112	EA 48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	304.04 48.05 42.71	30.16

15000 Mechanical
15800 Air Distribution
15866 Smoke Damper



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0113	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.30	32.64
		15MOD-0699 For Dynamic Damper, Add	49.79	
		15MOD-0700 For 3 Hour Rated, Add	44.26	
15866-0114	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.56	35.13
		15MOD-0699 For Dynamic Damper, Add	51.53	
		15MOD-0700 For 3 Hour Rated, Add	45.80	
15866-0115	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.70	37.69
		15MOD-0699 For Dynamic Damper, Add	54.14	
		15MOD-0700 For 3 Hour Rated, Add	48.12	
15866-0116	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.41	40.18
		15MOD-0699 For Dynamic Damper, Add	57.33	
		15MOD-0700 For 3 Hour Rated, Add	50.96	
15866-0117	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	390.78	41.39
		15MOD-0699 For Dynamic Damper, Add	59.94	
		15MOD-0700 For 3 Hour Rated, Add	53.28	
15866-0118	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.00	42.67
		15MOD-0699 For Dynamic Damper, Add	63.42	
		15MOD-0700 For 3 Hour Rated, Add	56.37	
15866-0119	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	429.15	45.16
		15MOD-0699 For Dynamic Damper, Add	66.03	
		15MOD-0700 For 3 Hour Rated, Add	58.69	
15866-0120	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.37	46.44
		15MOD-0699 For Dynamic Damper, Add	69.50	
		15MOD-0700 For 3 Hour Rated, Add	61.78	
15866-0121	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.00	50.21
		15MOD-0699 For Dynamic Damper, Add	71.82	
		15MOD-0700 For 3 Hour Rated, Add	63.84	
15866-0122	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.90	21.34
		15MOD-0699 For Dynamic Damper, Add	44.28	
		15MOD-0700 For 3 Hour Rated, Add	39.36	
15866-0123	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.81	22.61
		15MOD-0699 For Dynamic Damper, Add	45.44	
		15MOD-0700 For 3 Hour Rated, Add	40.39	
15866-0124	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.51	25.10
		15MOD-0699 For Dynamic Damper, Add	46.60	
		15MOD-0700 For 3 Hour Rated, Add	41.42	
15866-0125	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.33	27.59
		15MOD-0699 For Dynamic Damper, Add	46.89	
		15MOD-0700 For 3 Hour Rated, Add	41.68	
15866-0126	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.69	30.16
		15MOD-0699 For Dynamic Damper, Add	48.20	
		15MOD-0700 For 3 Hour Rated, Add	42.84	
15866-0127	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.01	32.64
		15MOD-0699 For Dynamic Damper, Add	49.50	
		15MOD-0700 For 3 Hour Rated, Add	44.00	
15866-0128	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.28	35.13
		15MOD-0699 For Dynamic Damper, Add	51.24	
		15MOD-0700 For 3 Hour Rated, Add	45.55	
15866-0129	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.55	37.69
		15MOD-0699 For Dynamic Damper, Add	52.98	
		15MOD-0700 For 3 Hour Rated, Add	47.09	
15866-0130	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	367.69	40.18
		15MOD-0699 For Dynamic Damper, Add	55.59	
		15MOD-0700 For 3 Hour Rated, Add	49.41	
15866-0131	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	390.67	42.67
		15MOD-0699 For Dynamic Damper, Add	59.07	
		15MOD-0700 For 3 Hour Rated, Add	52.50	
15866-0132	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.33	43.95
		15MOD-0699 For Dynamic Damper, Add	61.97	
		15MOD-0700 For 3 Hour Rated, Add	55.08	
15866-0133	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.86	45.16
		15MOD-0699 For Dynamic Damper, Add	65.74	
		15MOD-0700 For 3 Hour Rated, Add	58.43	
15866-0134	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.84	47.72
		15MOD-0699 For Dynamic Damper, Add	69.21	
		15MOD-0700 For 3 Hour Rated, Add	61.52	
15866-0135	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.00	50.21
		15MOD-0699 For Dynamic Damper, Add	71.82	
		15MOD-0700 For 3 Hour Rated, Add	63.84	
15866-0136	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.76	53.97
		15MOD-0699 For Dynamic Damper, Add	75.30	
		15MOD-0700 For 3 Hour Rated, Add	66.94	
15866-0137	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	517.19	56.46
		15MOD-0699 For Dynamic Damper, Add	78.20	
		15MOD-0700 For 3 Hour Rated, Add	69.51	
15866-0138	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.24	22.61
		15MOD-0699 For Dynamic Damper, Add	44.87	
		15MOD-0700 For 3 Hour Rated, Add	39.88	
15866-0139	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.22	25.10
		15MOD-0699 For Dynamic Damper, Add	46.31	
		15MOD-0700 For 3 Hour Rated, Add	41.17	
15866-0140	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.62	27.59
		15MOD-0699 For Dynamic Damper, Add	47.18	
		15MOD-0700 For 3 Hour Rated, Add	41.94	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0141	EA 56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	301.45 47.47 42.20	30.16
15866-0142	EA 56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	316.08 49.07 43.62	32.64
15866-0143	EA 56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	330.70 50.66 45.03	35.13
15866-0144	EA 56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	345.33 52.26 46.45	37.69
15866-0145	EA 56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	359.95 53.85 47.87	40.18
15866-0146	EA 56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	382.94 57.33 50.96	42.67
15866-0147	EA 56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	402.19 60.81 54.05	43.95
15866-0148	EA 56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	420.13 64.00 56.89	45.16
15866-0149	EA 56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	445.70 68.06 60.49	47.72
15866-0150	EA 56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	468.71 71.53 63.59	50.21
15866-0151	EA 56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	492.99 75.30 66.94	52.69
15866-0152	EA 56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	513.42 78.20 69.51	55.26
15866-0153	EA 56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	537.71 81.97 72.86	57.75
15866-0154	EA 56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	562.00 85.74 76.21	60.24
15866-0155	EA 60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	278.65 45.73 40.65	25.10
15866-0156	EA 60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	292.62 47.18 41.94	27.59
15866-0157	EA 60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	302.74 47.76 42.45	30.16
15866-0158	EA 60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	311.57 48.05 42.71	32.64
15866-0159	EA 60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	326.84 49.79 44.26	35.13
15866-0160	EA 60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	342.10 51.53 45.80	37.69
15866-0161	EA 60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	358.02 53.42 47.48	40.18
15866-0162	EA 60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	373.92 55.30 49.15	42.67
15866-0163	EA 60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	394.45 59.07 52.50	43.95
15866-0164	EA 60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	413.68 62.55 55.60	45.16
15866-0165	EA 60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	437.97 66.32 58.95	47.72
15866-0166	EA 60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	462.27 70.09 62.30	50.21
15866-0167	EA 60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	482.68 72.98 64.87	52.69
15866-0168	EA 60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated 15MOD-0699 For Dynamic Damper, Add 15MOD-0700 For 3 Hour Rated, Add	510.83 77.62 69.00	55.26

15000 Mechanical
15800 Air Distribution
15866 Smoke Damper



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15866-0169	EA		60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.41	57.75
			15MOD-0699 For Dynamic Damper, Add	81.68	
			15MOD-0700 For 3 Hour Rated, Add	72.60	
15866-0170	EA		60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	562.00	60.24
			15MOD-0699 For Dynamic Damper, Add	85.74	
			15MOD-0700 For 3 Hour Rated, Add	76.21	
15866-0171	EA		60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	584.97	62.80
			15MOD-0699 For Dynamic Damper, Add	89.21	
			15MOD-0700 For 3 Hour Rated, Add	79.30	
15866-0172	EA		60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	608.00	65.28
			15MOD-0699 For Dynamic Damper, Add	92.70	
			15MOD-0700 For 3 Hour Rated, Add	82.40	

15867 Distribution Devices (15800)

15867-0001 Return/Exhaust Registers (15867)

15867-0002 Return/Exhaust Registers With Frame (15867-0001)

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

15867-0003	EA		8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	59.54	6.03
			15MOD-0581 For Steel Construction, Deduct	-7.23	
			15MOD-0582 For Grilles (No Damper), Deduct	-14.46	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	3.62	
			15MOD-0585 For Cube Core Lay In, Add	7.23	
			15MOD-0589 For Stainless Steel, Add	90.38	
15867-0004	EA		8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	67.40	6.03
			15MOD-0581 For Steel Construction, Deduct	-8.80	
			15MOD-0582 For Grilles (No Damper), Deduct	-17.60	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	4.40	
			15MOD-0585 For Cube Core Lay In, Add	8.80	
			15MOD-0589 For Stainless Steel, Add	110.03	
15867-0005	EA		10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	75.87	6.78
			15MOD-0581 For Steel Construction, Deduct	-9.75	
			15MOD-0582 For Grilles (No Damper), Deduct	-19.49	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	4.87	
			15MOD-0585 For Cube Core Lay In, Add	9.75	
			15MOD-0589 For Stainless Steel, Add	121.83	
15867-0006	EA		10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	80.28	7.54
			15MOD-0581 For Steel Construction, Deduct	-9.75	
			15MOD-0582 For Grilles (No Damper), Deduct	-19.49	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	4.87	
			15MOD-0585 For Cube Core Lay In, Add	9.75	
			15MOD-0589 For Stainless Steel, Add	121.83	
15867-0007	EA		12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	77.14	7.54
			15MOD-0581 For Steel Construction, Deduct	-9.12	
			15MOD-0582 For Grilles (No Damper), Deduct	-18.24	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	4.56	
			15MOD-0585 For Cube Core Lay In, Add	9.12	
			15MOD-0589 For Stainless Steel, Add	113.98	
15867-0008	EA		12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	98.49	9.79
			15MOD-0581 For Steel Construction, Deduct	-11.95	
			15MOD-0582 For Grilles (No Damper), Deduct	-23.89	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	5.97	
			15MOD-0585 For Cube Core Lay In, Add	11.95	
			15MOD-0589 For Stainless Steel, Add	149.33	
15867-0009	EA		16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	118.10	11.31
			15MOD-0581 For Steel Construction, Deduct	-14.26	
			15MOD-0582 For Grilles (No Damper), Deduct	-28.53	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	7.13	
			15MOD-0585 For Cube Core Lay In, Add	14.26	
			15MOD-0589 For Stainless Steel, Add	178.30	
15867-0010	EA		18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	143.86	13.56
			15MOD-0581 For Steel Construction, Deduct	-17.92	
			15MOD-0582 For Grilles (No Damper), Deduct	-35.84	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	8.96	
			15MOD-0585 For Cube Core Lay In, Add	17.92	
			15MOD-0589 For Stainless Steel, Add	224.00	
15867-0011	EA		20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	167.48	15.07
			15MOD-0581 For Steel Construction, Deduct	-21.70	
			15MOD-0582 For Grilles (No Damper), Deduct	-43.40	
			15MOD-0583 For Removable Core, Add	35.00	
			15MOD-0584 For Cube Core With Frame, Add	10.85	
			15MOD-0585 For Cube Core Lay In, Add	21.70	
			15MOD-0589 For Stainless Steel, Add	271.25	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0012	EA 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	152.41	15.07
	15MOD-0581 For Steel Construction, Deduct	-18.15	
	15MOD-0582 For Grilles (No Damper), Deduct	-36.30	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	9.08	
	15MOD-0585 For Cube Core Lay In, Add	18.15	
	15MOD-0589 For Stainless Steel, Add	226.88	
15867-0013	EA 24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	171.69	15.07
	15MOD-0581 For Steel Construction, Deduct	-22.01	
	15MOD-0582 For Grilles (No Damper), Deduct	-44.01	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	11.00	
	15MOD-0585 For Cube Core Lay In, Add	22.01	
	15MOD-0589 For Stainless Steel, Add	275.08	
15867-0014	EA 24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	181.87	17.33
	15MOD-0581 For Steel Construction, Deduct	-22.81	
	15MOD-0582 For Grilles (No Damper), Deduct	-45.62	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	11.40	
	15MOD-0585 For Cube Core Lay In, Add	22.81	
	15MOD-0589 For Stainless Steel, Add	285.10	
15867-0015	EA 30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	192.60	18.09
	15MOD-0581 For Steel Construction, Deduct	-24.24	
	15MOD-0582 For Grilles (No Damper), Deduct	-48.48	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	12.12	
	15MOD-0585 For Cube Core Lay In, Add	24.24	
	15MOD-0589 For Stainless Steel, Add	303.00	
15867-0016	EA 30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	221.27	20.34
	15MOD-0581 For Steel Construction, Deduct	-28.29	
	15MOD-0582 For Grilles (No Damper), Deduct	-56.59	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	14.15	
	15MOD-0585 For Cube Core Lay In, Add	28.29	
	15MOD-0589 For Stainless Steel, Add	353.68	
15867-0017	EA 30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	250.00	24.11
	15MOD-0581 For Steel Construction, Deduct	-30.62	
	15MOD-0582 For Grilles (No Damper), Deduct	-61.24	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	15.31	
	15MOD-0585 For Cube Core Lay In, Add	30.62	
	15MOD-0589 For Stainless Steel, Add	382.75	
15867-0018	EA 30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	316.55	24.11
	15MOD-0581 For Steel Construction, Deduct	-43.93	
	15MOD-0582 For Grilles (No Damper), Deduct	-87.86	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	21.97	
	15MOD-0585 For Cube Core Lay In, Add	43.93	
	15MOD-0589 For Stainless Steel, Add	549.13	
15867-0019	EA 36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	269.74	26.38
	15MOD-0581 For Steel Construction, Deduct	-33.08	
	15MOD-0582 For Grilles (No Damper), Deduct	-66.16	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	16.54	
	15MOD-0585 For Cube Core Lay In, Add	33.08	
	15MOD-0589 For Stainless Steel, Add	413.48	
15867-0020	EA 36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	263.41	25.63
	15MOD-0581 For Steel Construction, Deduct	-31.81	
	15MOD-0582 For Grilles (No Damper), Deduct	-63.62	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	15.91	
	15MOD-0585 For Cube Core Lay In, Add	31.81	
	15MOD-0589 For Stainless Steel, Add	397.65	
15867-0021	EA 36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	298.29	28.64
	15MOD-0581 For Steel Construction, Deduct	-37.05	
	15MOD-0582 For Grilles (No Damper), Deduct	-74.10	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	18.52	
	15MOD-0585 For Cube Core Lay In, Add	37.05	
	15MOD-0589 For Stainless Steel, Add	463.10	
15867-0022	EA 36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	395.96	30.91
	15MOD-0581 For Steel Construction, Deduct	-54.53	
	15MOD-0582 For Grilles (No Damper), Deduct	-109.05	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	27.26	
	15MOD-0585 For Cube Core Lay In, Add	54.53	
	15MOD-0589 For Stainless Steel, Add	681.58	
15867-0023	EA 24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	179.87	17.41
	15MOD-0581 For Steel Construction, Deduct	-22.06	
	15MOD-0582 For Grilles (No Damper), Deduct	-44.12	
	15MOD-0583 For Removable Core, Add	35.00	
	15MOD-0584 For Cube Core With Frame, Add	11.03	
	15MOD-0585 For Cube Core Lay In, Add	22.06	
	15MOD-0589 For Stainless Steel, Add	275.78	

15000 Mechanical
15800 Air Distribution
15867 Distribution Devices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0024 EA 32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	324.83	30.82
15MOD-0581 For Steel Construction, Deduct	-40.30	
15MOD-0582 For Grilles (No Damper), Deduct	-80.60	
15MOD-0583 For Removable Core, Add	35.00	
15MOD-0584 For Cube Core With Frame, Add	20.15	
15MOD-0585 For Cube Core Lay In, Add	40.30	
15MOD-0589 For Stainless Steel, Add	503.75	
15867-0025 EA 48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	344.27	30.15
15MOD-0581 For Steel Construction, Deduct	-46.24	
15MOD-0582 For Grilles (No Damper), Deduct	-92.49	
15MOD-0583 For Removable Core, Add	35.00	
15MOD-0584 For Cube Core With Frame, Add	23.12	
15MOD-0585 For Cube Core Lay In, Add	46.24	
15MOD-0589 For Stainless Steel, Add	578.05	
15867-0026 Return/Exhaust Registers Removable-Reversible⁽¹⁵⁸⁶⁷⁻⁰⁰⁰¹⁾		
Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
15867-0027 EA 8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	55.46	6.03
15MOD-0586 For Steel Construction, Deduct	-3.21	
15MOD-0587 For Flat Frame, Deduct	-0.32	
15MOD-0588 For Grilles (No Damper), Deduct	-6.41	
15MOD-0589 For Stainless Steel, Add	80.18	
15867-0028 EA 8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	55.46	6.03
15MOD-0586 For Steel Construction, Deduct	-3.21	
15MOD-0587 For Flat Frame, Deduct	-0.32	
15MOD-0588 For Grilles (No Damper), Deduct	-6.41	
15MOD-0589 For Stainless Steel, Add	80.18	
15867-0029 EA 10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	67.70	6.78
15MOD-0586 For Steel Construction, Deduct	-4.06	
15MOD-0587 For Flat Frame, Deduct	-0.41	
15MOD-0588 For Grilles (No Damper), Deduct	-8.11	
15MOD-0589 For Stainless Steel, Add	101.40	
15867-0030 EA 10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	77.76	8.29
15MOD-0586 For Steel Construction, Deduct	-4.62	
15MOD-0587 For Flat Frame, Deduct	-0.46	
15MOD-0588 For Grilles (No Damper), Deduct	-9.24	
15MOD-0589 For Stainless Steel, Add	115.53	
15867-0031 EA 12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	76.82	7.54
15MOD-0586 For Steel Construction, Deduct	-4.53	
15MOD-0587 For Flat Frame, Deduct	-0.45	
15MOD-0588 For Grilles (No Damper), Deduct	-9.05	
15MOD-0589 For Stainless Steel, Add	113.18	
15867-0032 EA 12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	99.12	9.79
15MOD-0586 For Steel Construction, Deduct	-6.04	
15MOD-0587 For Flat Frame, Deduct	-0.60	
15MOD-0588 For Grilles (No Damper), Deduct	-12.07	
15MOD-0589 For Stainless Steel, Add	150.90	
15867-0033 EA 16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	155.87	12.06
15MOD-0586 For Steel Construction, Deduct	-10.91	
15MOD-0587 For Flat Frame, Deduct	-1.09	
15MOD-0588 For Grilles (No Damper), Deduct	-21.82	
15MOD-0589 For Stainless Steel, Add	272.73	
15867-0034 EA 18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	187.24	13.56
15MOD-0586 For Steel Construction, Deduct	-13.30	
15MOD-0587 For Flat Frame, Deduct	-1.33	
15MOD-0588 For Grilles (No Damper), Deduct	-26.60	
15MOD-0589 For Stainless Steel, Add	332.45	
15867-0035 EA 20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	210.83	15.07
15MOD-0586 For Steel Construction, Deduct	-15.19	
15MOD-0587 For Flat Frame, Deduct	-1.52	
15MOD-0588 For Grilles (No Damper), Deduct	-30.37	
15MOD-0589 For Stainless Steel, Add	379.63	
15867-0036 EA 24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	178.61	15.07
15MOD-0586 For Steel Construction, Deduct	-11.70	
15MOD-0587 For Flat Frame, Deduct	-1.17	
15MOD-0588 For Grilles (No Damper), Deduct	-23.39	
15MOD-0589 For Stainless Steel, Add	292.38	
15867-0037 EA 24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	235.20	15.83
15MOD-0586 For Steel Construction, Deduct	-17.35	
15MOD-0587 For Flat Frame, Deduct	-1.74	
15MOD-0588 For Grilles (No Damper), Deduct	-34.71	
15MOD-0589 For Stainless Steel, Add	433.85	
15867-0038 EA 24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	273.44	17.33
15MOD-0586 For Steel Construction, Deduct	-20.56	
15MOD-0587 For Flat Frame, Deduct	-2.06	
15MOD-0588 For Grilles (No Damper), Deduct	-41.12	
15MOD-0589 For Stainless Steel, Add	514.03	
15867-0039 EA 30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	214.76	18.09
15MOD-0586 For Steel Construction, Deduct	-14.34	
15MOD-0587 For Flat Frame, Deduct	-1.43	
15MOD-0588 For Grilles (No Damper), Deduct	-28.67	
15MOD-0589 For Stainless Steel, Add	358.40	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0040	EA 30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	291.07 -21.13 -2.11 -42.25 528.18	20.34
15867-0041	EA 30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	350.61 -25.37 -2.54 -50.74 634.28	24.11
15867-0042	EA 30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	398.24 -30.13 -3.01 -60.27 753.35	24.11
15867-0043	EA 36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	280.72 -17.64 -1.76 -35.27 440.93	25.63
15867-0044	EA 36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	371.26 -26.69 -2.67 -53.38 667.28	25.63
15867-0045	EA 36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	428.06 -31.50 -3.15 -63.00 787.53	28.64
15867-0046	EA 36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	498.23 -37.49 -3.75 -74.98 937.25	30.91
15867-0047	EA 36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling 15MOD-0586 For Steel Construction, Deduct 15MOD-0587 For Flat Frame, Deduct 15MOD-0588 For Grilles (No Damper), Deduct 15MOD-0589 For Stainless Steel, Add	524.64 -40.13 -4.01 -80.26 1,003.28	30.91
15867-0048	Supply Registers And Grilles ⁽¹⁵⁸⁶⁷⁾		
15867-0049	Adjustable Curved Blade Register ⁽¹⁵⁸⁶⁷⁻⁰⁰⁴⁸⁾		
	Note: Ceiling mount aluminum construction four way pattern flush frame		
15867-0050	EA 6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern 15MOD-0590 For Steel Construction, Deduct 15MOD-0591 For Lay In Frame, Deduct 15MOD-0592 For Three Way Pattern, Deduct 15MOD-0593 For Two Way Pattern, Deduct 15MOD-0594 For One Way Pattern, Deduct 15MOD-0595 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	50.84 -4.12 -6.87 -2.75 -2.20 -2.20 -4.12 68.73	6.03
15867-0051	EA 8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern 15MOD-0590 For Steel Construction, Deduct 15MOD-0591 For Lay In Frame, Deduct 15MOD-0592 For Three Way Pattern, Deduct 15MOD-0593 For Two Way Pattern, Deduct 15MOD-0594 For One Way Pattern, Deduct 15MOD-0595 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	52.45 -4.37 -7.28 -2.91 -2.33 -2.33 -4.37 72.75	6.03
15867-0052	EA 12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern 15MOD-0590 For Steel Construction, Deduct 15MOD-0591 For Lay In Frame, Deduct 15MOD-0592 For Three Way Pattern, Deduct 15MOD-0593 For Two Way Pattern, Deduct 15MOD-0594 For One Way Pattern, Deduct 15MOD-0595 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	59.11 -4.12 -6.87 -2.75 -2.20 -2.20 -4.12 68.73	8.29
15867-0053	EA 10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern 15MOD-0590 For Steel Construction, Deduct 15MOD-0591 For Lay In Frame, Deduct 15MOD-0592 For Three Way Pattern, Deduct 15MOD-0593 For Two Way Pattern, Deduct 15MOD-0594 For One Way Pattern, Deduct 15MOD-0595 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	65.03 -5.01 -8.35 -3.34 -2.67 -2.67 -5.01 83.53	7.54
15867-0054	EA 12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern 15MOD-0590 For Steel Construction, Deduct 15MOD-0591 For Lay In Frame, Deduct 15MOD-0592 For Three Way Pattern, Deduct 15MOD-0593 For Two Way Pattern, Deduct 15MOD-0594 For One Way Pattern, Deduct 15MOD-0595 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	78.31 -5.98 -9.97 -3.99 -3.19 -3.19 -5.98 99.70	9.79

15000 Mechanical
15800 Air Distribution
15867 Distribution Devices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0055	EA	14" x 14"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....96.36	96.36	11.31
	15MOD-0590		For Steel Construction, Deduct	-7.44	
	15MOD-0591		For Lay In Frame, Deduct	-12.40	
	15MOD-0592		For Three Way Pattern, Deduct	-4.96	
	15MOD-0593		For Two Way Pattern, Deduct	-3.97	
	15MOD-0594		For One Way Pattern, Deduct	-3.97	
	15MOD-0595		For Grille (No Damper), Deduct	-7.44	
	15MOD-0602		For Stainless Steel, Add	123.95	
15867-0056	EA	16" x 16"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....96.36	96.36	11.31
	15MOD-0590		For Steel Construction, Deduct	-7.44	
	15MOD-0591		For Lay In Frame, Deduct	-12.40	
	15MOD-0592		For Three Way Pattern, Deduct	-4.96	
	15MOD-0593		For Two Way Pattern, Deduct	-3.97	
	15MOD-0594		For One Way Pattern, Deduct	-3.97	
	15MOD-0595		For Grille (No Damper), Deduct	-7.44	
	15MOD-0602		For Stainless Steel, Add	123.95	
15867-0057	EA	18" x 18"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....119.09	119.09	15.07
	15MOD-0590		For Steel Construction, Deduct	-9.05	
	15MOD-0591		For Lay In Frame, Deduct	-15.09	
	15MOD-0592		For Three Way Pattern, Deduct	-6.04	
	15MOD-0593		For Two Way Pattern, Deduct	-4.83	
	15MOD-0594		For One Way Pattern, Deduct	-4.83	
	15MOD-0595		For Grille (No Damper), Deduct	-9.05	
	15MOD-0602		For Stainless Steel, Add	150.90	
15867-0058	EA	24" x 24"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....152.74	152.74	15.83
	15MOD-0590		For Steel Construction, Deduct	-13.66	
	15MOD-0591		For Lay In Frame, Deduct	-22.77	
	15MOD-0592		For Three Way Pattern, Deduct	-9.11	
	15MOD-0593		For Two Way Pattern, Deduct	-7.29	
	15MOD-0594		For One Way Pattern, Deduct	-7.29	
	15MOD-0595		For Grille (No Damper), Deduct	-13.66	
	15MOD-0602		For Stainless Steel, Add	227.70	
15867-0059	EA	30" x 30"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....238.81	238.81	31.95
	15MOD-0590		For Steel Construction, Deduct	-26.23	
	15MOD-0591		For Lay In Frame, Deduct	-43.72	
	15MOD-0592		For Three Way Pattern, Deduct	-17.49	
	15MOD-0593		For Two Way Pattern, Deduct	-13.99	
	15MOD-0594		For One Way Pattern, Deduct	-13.99	
	15MOD-0595		For Grille (No Damper), Deduct	-26.23	
	15MOD-0602		For Stainless Steel, Add	437.23	
15867-0060	Removable-Reversible Core Registers ⁽¹⁵⁸⁶⁷⁻⁰⁰⁴⁸⁾				
	Note: Double deflection radiused frame aluminum construction				
15867-0061	EA	6" x 6"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....57.84	57.84	6.03
	15MOD-0596		For Steel Construction, Deduct	-3.45	
	15MOD-0597		For Flat Frame, Deduct	-3.45	
	15MOD-0598		For Grille (No Damper), Deduct	-10.35	
	15MOD-0602		For Stainless Steel, Add	86.23	
15867-0062	EA	8" x 8"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....71.86	71.86	6.03
	15MOD-0596		For Steel Construction, Deduct	-4.85	
	15MOD-0597		For Flat Frame, Deduct	-4.85	
	15MOD-0598		For Grille (No Damper), Deduct	-14.55	
	15MOD-0602		For Stainless Steel, Add	121.28	
15867-0063	EA	12" x 6"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....91.98	91.98	8.29
	15MOD-0596		For Steel Construction, Deduct	-6.04	
	15MOD-0597		For Flat Frame, Deduct	-6.04	
	15MOD-0598		For Grille (No Damper), Deduct	-18.11	
	15MOD-0602		For Stainless Steel, Add	150.90	
15867-0064	EA	10" x 10"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....93.06	93.06	8.29
	15MOD-0596		For Steel Construction, Deduct	-6.14	
	15MOD-0597		For Flat Frame, Deduct	-6.14	
	15MOD-0598		For Grille (No Damper), Deduct	-18.43	
	15MOD-0602		For Stainless Steel, Add	153.60	
15867-0065	EA	12" x 12"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....118.19	118.19	9.79
	15MOD-0596		For Steel Construction, Deduct	-7.98	
	15MOD-0597		For Flat Frame, Deduct	-7.98	
	15MOD-0598		For Grille (No Damper), Deduct	-23.93	
	15MOD-0602		For Stainless Steel, Add	199.40	
15867-0066	EA	14" x 14"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....166.43	166.43	12.06
	15MOD-0596		For Steel Construction, Deduct	-11.97	
	15MOD-0597		For Flat Frame, Deduct	-11.97	
	15MOD-0598		For Grille (No Damper), Deduct	-35.90	
	15MOD-0602		For Stainless Steel, Add	299.13	
15867-0067	EA	16" x 16"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....185.83	185.83	11.31
	15MOD-0596		For Steel Construction, Deduct	-13.91	
	15MOD-0597		For Flat Frame, Deduct	-13.91	
	15MOD-0598		For Grille (No Damper), Deduct	-41.72	
	15MOD-0602		For Stainless Steel, Add	347.63	
15867-0068	EA	18" x 18"	Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....224.73	224.73	15.07
	15MOD-0596		For Steel Construction, Deduct	-16.60	
	15MOD-0597		For Flat Frame, Deduct	-16.60	
	15MOD-0598		For Grille (No Damper), Deduct	-49.80	
	15MOD-0602		For Stainless Steel, Add	415.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0069	EA 24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame 15MOD-0596 For Steel Construction, Deduct 15MOD-0597 For Flat Frame, Deduct 15MOD-0598 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	280.47 -21.88 -21.88 -65.64 547.03	15.07
15867-0070	Adjustable Shutter Blade Registers (15867-0048) Note: Double deflection flat frame aluminum construction		
15867-0071	EA 6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	86.23 -6.29 -12.58 -9.43 157.20	6.03
15867-0072	EA 8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	98.80 -7.55 -15.09 -11.32 188.63	6.03
15867-0073	EA 12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	107.07 -7.55 -15.09 -11.32 188.63	8.29
15867-0074	EA 10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	110.67 -7.91 -15.81 -11.86 197.63	7.54
15867-0075	EA 12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	135.44 -9.70 -19.40 -14.55 242.53	9.79
15867-0076	EA 14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	179.72 -13.29 -26.59 -19.94 332.35	11.31
15867-0077	EA 16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	210.26 -16.35 -32.70 -24.52 408.70	12.06
15867-0078	EA 18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	259.94 -20.12 -40.24 -30.18 503.03	15.07
15867-0079	EA 24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame 15MOD-0599 For Steel Construction, Deduct 15MOD-0600 For Single Deflection, Deduct 15MOD-0601 For Grille (No Damper), Deduct 15MOD-0602 For Stainless Steel, Add	354.49 -29.28 -58.57 -43.92 732.08	15.83
15867-0080	Air Conditioning And Ventilation (15867-0048)		
15867-0081	EA 10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction 15MOD-0602 For Stainless Steel, Add	54.94 58.30	15.83
15867-0082	EA 18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction 15MOD-0602 For Stainless Steel, Add	105.36 116.58	29.39
15867-0083	EA 30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction 15MOD-0602 For Stainless Steel, Add	145.89 194.30	34.07
15867-0084	EA 48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction 15MOD-0602 For Stainless Steel, Add	385.67 641.18	64.59
15867-0085	Security Supply Or Return Grille (15867-0048) Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
15867-0086	EA 8" x 4" Steel Security Grille 15MOD-0603 For Anchoring Tabs, Add 15MOD-0604 For Angle Iron Frame, Add 15MOD-0605 For Rear Operated Opposed Blade Damper, Add 15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add 15MOD-0607 For 1" x 1" Square Holes On Face, Add 15MOD-0608 For Stainless Steel, Add	134.19 11.16 19.00 41.31 0.35 27.90 145.05	11.31
15867-0087	EA 8" x 6" Steel Security Grille 15MOD-0603 For Anchoring Tabs, Add 15MOD-0604 For Angle Iron Frame, Add 15MOD-0605 For Rear Operated Opposed Blade Damper, Add 15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add 15MOD-0607 For 1" x 1" Square Holes On Face, Add 15MOD-0608 For Stainless Steel, Add	148.48 12.51 21.10 46.13 0.35 31.28 162.64	11.68

15000 Mechanical
15800 Air Distribution
15867 Distribution Devices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0088 EA 8" x 8" Steel Security Grille	170.08	13.20
15MOD-0603 For Anchoring Tabs, Add	14.37	
15MOD-0604 For Angle Iron Frame, Add	24.19	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	52.93	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	35.93	
15MOD-0608 For Stainless Steel, Add	186.81	
15867-0089 EA 10" x 4" Steel Security Grille	149.05	12.81
15MOD-0603 For Anchoring Tabs, Add	12.34	
15MOD-0604 For Angle Iron Frame, Add	21.08	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	45.76	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	30.86	
15MOD-0608 For Stainless Steel, Add	160.45	
15867-0090 EA 10" x 6" Steel Security Grille	159.01	13.57
15MOD-0603 For Anchoring Tabs, Add	13.19	
15MOD-0604 For Angle Iron Frame, Add	22.49	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	48.87	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	32.97	
15MOD-0608 For Stainless Steel, Add	171.43	
15867-0091 EA 10" x 8" Steel Security Grille	181.56	14.70
15MOD-0603 For Anchoring Tabs, Add	15.22	
15MOD-0604 For Angle Iron Frame, Add	25.76	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	56.20	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	38.04	
15MOD-0608 For Stainless Steel, Add	197.81	
15867-0092 EA 10" x 10" Steel Security Grille	202.41	15.84
15MOD-0603 For Anchoring Tabs, Add	17.08	
15MOD-0604 For Angle Iron Frame, Add	28.78	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	62.93	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	42.69	
15MOD-0608 For Stainless Steel, Add	221.98	
15867-0093 EA 12" x 4" Steel Security Grille	157.14	14.32
15MOD-0603 For Anchoring Tabs, Add	12.85	
15MOD-0604 For Angle Iron Frame, Add	22.14	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	47.84	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	32.12	
15MOD-0608 For Stainless Steel, Add	167.04	
15867-0094 EA 12" x 6" Steel Security Grille	175.36	15.84
15MOD-0603 For Anchoring Tabs, Add	14.37	
15MOD-0604 For Angle Iron Frame, Add	24.72	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	53.46	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	35.93	
15MOD-0608 For Stainless Steel, Add	186.81	
15867-0095 EA 12" x 8" Steel Security Grille	199.61	16.96
15MOD-0603 For Anchoring Tabs, Add	16.57	
15MOD-0604 For Angle Iron Frame, Add	28.25	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	61.38	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	41.42	
15MOD-0608 For Stainless Steel, Add	215.38	
15867-0096 EA 12" x 10" Steel Security Grille	217.08	18.09
15MOD-0603 For Anchoring Tabs, Add	18.09	
15MOD-0604 For Angle Iron Frame, Add	30.75	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	66.93	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	45.23	
15MOD-0608 For Stainless Steel, Add	235.17	
15867-0097 EA 12" x 12" Steel Security Grille	239.64	19.22
15MOD-0603 For Anchoring Tabs, Add	20.12	
15MOD-0604 For Angle Iron Frame, Add	34.02	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	74.26	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	50.30	
15MOD-0608 For Stainless Steel, Add	261.55	
15867-0098 EA 14" x 4" Steel Security Grille	167.84	15.45
15MOD-0603 For Anchoring Tabs, Add	13.69	
15MOD-0604 For Angle Iron Frame, Add	23.63	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	51.02	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	34.24	
15MOD-0608 For Stainless Steel, Add	178.02	
15867-0099 EA 14" x 6" Steel Security Grille	188.71	16.58
15MOD-0603 For Anchoring Tabs, Add	15.55	
15MOD-0604 For Angle Iron Frame, Add	26.65	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	57.76	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	38.89	
15MOD-0608 For Stainless Steel, Add	202.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0100	EA	14" x 8" Steel Security Grille.....	210.32	18.09
	15MOD-0603	For Anchoring Tabs, Add	17.41	
	15MOD-0604	For Angle Iron Frame, Add	29.74	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	64.57	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	43.54	
	15MOD-0608	For Stainless Steel, Add	226.38	
15867-0101	EA	14" x 10" Steel Security Grille.....	237.00	19.60
	15MOD-0603	For Anchoring Tabs, Add	19.78	
	15MOD-0604	For Angle Iron Frame, Add	33.59	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	73.15	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	49.45	
	15MOD-0608	For Stainless Steel, Add	257.14	
15867-0102	EA	14" x 12" Steel Security Grille.....	261.06	21.49
	15MOD-0603	For Anchoring Tabs, Add	21.81	
	15MOD-0604	For Angle Iron Frame, Add	37.01	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	80.63	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	54.52	
	15MOD-0608	For Stainless Steel, Add	283.52	
15867-0103	EA	14" x 14" Steel Security Grille.....	280.98	23.00
	15MOD-0603	For Anchoring Tabs, Add	23.50	
	15MOD-0604	For Angle Iron Frame, Add	39.85	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	86.85	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	58.75	
	15MOD-0608	For Stainless Steel, Add	305.50	
15867-0104	EA	16" x 6" Steel Security Grille.....	201.86	18.09
	15MOD-0603	For Anchoring Tabs, Add	16.57	
	15MOD-0604	For Angle Iron Frame, Add	28.47	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	61.61	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	41.42	
	15MOD-0608	For Stainless Steel, Add	215.38	
15867-0105	EA	16" x 8" Steel Security Grille.....	230.24	19.60
	15MOD-0603	For Anchoring Tabs, Add	19.10	
	15MOD-0604	For Angle Iron Frame, Add	32.58	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	70.78	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	47.76	
	15MOD-0608	For Stainless Steel, Add	248.35	
15867-0106	EA	16" x 10" Steel Security Grille.....	248.48	21.10
	15MOD-0603	For Anchoring Tabs, Add	20.63	
	15MOD-0604	For Angle Iron Frame, Add	35.16	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	76.41	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	51.57	
	15MOD-0608	For Stainless Steel, Add	268.14	
15867-0107	EA	16" x 12" Steel Security Grille.....	279.47	22.24
	15MOD-0603	For Anchoring Tabs, Add	23.50	
	15MOD-0604	For Angle Iron Frame, Add	39.70	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	86.70	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	58.75	
	15MOD-0608	For Stainless Steel, Add	305.50	
15867-0108	EA	16" x 14" Steel Security Grille.....	296.01	23.74
	15MOD-0603	For Anchoring Tabs, Add	24.85	
	15MOD-0604	For Angle Iron Frame, Add	42.03	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	91.73	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	62.13	
	15MOD-0608	For Stainless Steel, Add	323.08	
15867-0109	EA	16" x 16" Steel Security Grille.....	321.01	25.25
	15MOD-0603	For Anchoring Tabs, Add	27.05	
	15MOD-0604	For Angle Iron Frame, Add	45.63	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	99.73	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	67.63	
	15MOD-0608	For Stainless Steel, Add	351.65	
15867-0110	EA	18" x 6" Steel Security Grille.....	214.85	20.36
	15MOD-0603	For Anchoring Tabs, Add	17.41	
	15MOD-0604	For Angle Iron Frame, Add	30.19	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	65.02	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	43.54	
	15MOD-0608	For Stainless Steel, Add	226.38	
15867-0111	EA	18" x 8" Steel Security Grille.....	244.91	21.86
	15MOD-0603	For Anchoring Tabs, Add	20.12	
	15MOD-0604	For Angle Iron Frame, Add	34.55	
	15MOD-0605	For Rear Operated Opposed Blade Damper, Add	74.79	
	15MOD-0606	For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
	15MOD-0607	For 1" x 1" Square Holes On Face, Add	50.30	
	15MOD-0608	For Stainless Steel, Add	261.55	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0112 EA 18" x 10" Steel Security Grille	268.21	23.37
15MOD-0603 For Anchoring Tabs, Add	22.15	
15MOD-0604 For Angle Iron Frame, Add	37.89	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	82.19	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	55.37	
15MOD-0608 For Stainless Steel, Add	287.91	
15867-0113 EA 18" x 12" Steel Security Grille	294.89	24.88
15MOD-0603 For Anchoring Tabs, Add	24.51	
15MOD-0604 For Angle Iron Frame, Add	41.75	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	90.77	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	61.29	
15MOD-0608 For Stainless Steel, Add	318.68	
15867-0114 EA 18" x 14" Steel Security Grille	314.43	24.50
15MOD-0603 For Anchoring Tabs, Add	26.54	
15MOD-0604 For Angle Iron Frame, Add	44.71	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	97.80	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	66.36	
15MOD-0608 For Stainless Steel, Add	345.06	
15867-0115 EA 18" x 16" Steel Security Grille	343.74	25.63
15MOD-0603 For Anchoring Tabs, Add	29.25	
15MOD-0604 For Angle Iron Frame, Add	49.00	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	107.49	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	73.12	
15MOD-0608 For Stainless Steel, Add	380.22	
15867-0116 EA 18" x 18" Steel Security Grille	367.98	26.76
15MOD-0603 For Anchoring Tabs, Add	31.45	
15MOD-0604 For Angle Iron Frame, Add	52.52	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	115.41	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	78.62	
15MOD-0608 For Stainless Steel, Add	408.80	
15867-0117 EA 20" x 6" Steel Security Grille	230.44	22.24
15MOD-0603 For Anchoring Tabs, Add	18.60	
15MOD-0604 For Angle Iron Frame, Add	32.34	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	69.54	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	46.49	
15MOD-0608 For Stainless Steel, Add	241.76	
15867-0118 EA 20" x 8" Steel Security Grille	260.33	24.50
15MOD-0603 For Anchoring Tabs, Add	21.13	
15MOD-0604 For Angle Iron Frame, Add	36.60	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	78.87	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	52.83	
15MOD-0608 For Stainless Steel, Add	274.73	
15867-0119 EA 20" x 10" Steel Security Grille	286.26	25.63
15MOD-0603 For Anchoring Tabs, Add	23.50	
15MOD-0604 For Angle Iron Frame, Add	40.38	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	87.38	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	58.75	
15MOD-0608 For Stainless Steel, Add	305.50	
15867-0120 EA 20" x 12" Steel Security Grille	314.63	27.14
15MOD-0603 For Anchoring Tabs, Add	26.04	
15MOD-0604 For Angle Iron Frame, Add	44.48	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	96.55	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	65.09	
15MOD-0608 For Stainless Steel, Add	338.47	
15867-0121 EA 20" x 14" Steel Security Grille	345.63	28.27
15MOD-0603 For Anchoring Tabs, Add	28.91	
15MOD-0604 For Angle Iron Frame, Add	49.02	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	106.84	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	72.28	
15MOD-0608 For Stainless Steel, Add	375.83	
15867-0122 EA 20" x 16" Steel Security Grille	373.26	29.40
15MOD-0603 For Anchoring Tabs, Add	31.45	
15MOD-0604 For Angle Iron Frame, Add	53.05	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	115.94	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	78.62	
15MOD-0608 For Stainless Steel, Add	408.80	
15867-0123 EA 20" x 18" Steel Security Grille	399.19	30.53
15MOD-0603 For Anchoring Tabs, Add	33.81	
15MOD-0604 For Angle Iron Frame, Add	56.83	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	124.45	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	84.53	
15MOD-0608 For Stainless Steel, Add	439.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0124 EA 20" x 20" Steel Security Grille.....	430.19	31.66
15MOD-0603 For Anchoring Tabs, Add	36.69	
15MOD-0604 For Angle Iron Frame, Add	61.36	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	134.74	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	91.72	
15MOD-0608 For Stainless Steel, Add	476.93	
15867-0125 EA 24" x 6" Steel Security Grille.....	256.01	24.88
15MOD-0603 For Anchoring Tabs, Add	20.63	
15MOD-0604 For Angle Iron Frame, Add	35.91	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	77.17	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	51.57	
15MOD-0608 For Stainless Steel, Add	268.14	
15867-0126 EA 24" x 8" Steel Security Grille.....	289.27	27.14
15MOD-0603 For Anchoring Tabs, Add	23.50	
15MOD-0604 For Angle Iron Frame, Add	40.68	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	87.68	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	58.75	
15MOD-0608 For Stainless Steel, Add	305.50	
15867-0127 EA 24" x 10" Steel Security Grille.....	316.14	27.89
15MOD-0603 For Anchoring Tabs, Add	26.04	
15MOD-0604 For Angle Iron Frame, Add	44.63	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	96.70	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	65.09	
15MOD-0608 For Stainless Steel, Add	338.47	
15867-0128 EA 24" x 12" Steel Security Grille.....	354.29	30.90
15MOD-0603 For Anchoring Tabs, Add	29.25	
15MOD-0604 For Angle Iron Frame, Add	50.05	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	108.55	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	73.12	
15MOD-0608 For Stainless Steel, Add	380.22	
15867-0129 EA 24" x 14" Steel Security Grille.....	381.91	32.04
15MOD-0603 For Anchoring Tabs, Add	31.78	
15MOD-0604 For Angle Iron Frame, Add	54.08	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	117.65	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	79.46	
15MOD-0608 For Stainless Steel, Add	413.19	
15867-0130 EA 24" x 16" Steel Security Grille.....	416.29	33.17
15MOD-0603 For Anchoring Tabs, Add	35.00	
15MOD-0604 For Angle Iron Frame, Add	59.13	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	129.12	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	87.49	
15MOD-0608 For Stainless Steel, Add	454.95	
15867-0131 EA 24" x 18" Steel Security Grille.....	455.74	34.30
15MOD-0603 For Anchoring Tabs, Add	38.72	
15MOD-0604 For Angle Iron Frame, Add	64.93	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	142.36	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	96.79	
15MOD-0608 For Stainless Steel, Add	503.30	
15867-0132 EA 24" x 20" Steel Security Grille.....	483.36	35.43
15MOD-0603 For Anchoring Tabs, Add	41.25	
15MOD-0604 For Angle Iron Frame, Add	68.96	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	151.46	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	103.13	
15MOD-0608 For Stainless Steel, Add	536.26	
15867-0133 EA 24" x 24" Steel Security Grille.....	541.98	37.69
15MOD-0603 For Anchoring Tabs, Add	46.66	
15MOD-0604 For Angle Iron Frame, Add	77.53	
15MOD-0605 For Rear Operated Opposed Blade Damper, Add	170.85	
15MOD-0606 For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
15MOD-0607 For 1" x 1" Square Holes On Face, Add	116.65	
15MOD-0608 For Stainless Steel, Add	606.59	
15867-0134 Square Ceiling Return Air And Exhaust Grilles <small>(15867-0048)</small>		
Note: Egg crate design aluminum construction		
15867-0135 EA 6" x 6" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	35.55	13.88
15867-0136 EA 8" x 8" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	42.74	17.35
15867-0137 EA 12" x 12" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	53.03	17.35
15867-0138 EA 14" x 14" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	68.65	21.72
15867-0139 EA 16" x 16" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	75.66	24.29
15867-0140 EA 24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Aluminum Construction	97.21	24.29
15867-0141 Square Wall Return Air And Exhaust Grilles <small>(15867-0048)</small>		
Note: Egg crate design aluminum construction		
15867-0142 EA 8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	45.72	18.85
15867-0143 EA 12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	48.19	18.85

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0144 EA 18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	71.98	28.27
15867-0145 EA 24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	84.33	28.27
15867-0146 EA 28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	130.97	37.69
15867-0147 EA 36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	205.61	37.69
15867-0148 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles (15867-0048)		
Note: Aluminum construction		
15867-0149 EA 12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	128.54	13.57
15867-0150 EA 14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	144.71	13.57
15867-0151 EA 18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	173.49	15.08
15867-0152 EA 24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	202.21	15.08
15867-0153 EA 36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	264.25	47.11
15867-0154 Square Ceiling Return Air And Exhaust Grilles (15867-0048)		
Note: Egg crate design, plastic construction		
15867-0155 EA 24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	26.72	9.02
15867-0156 EA 24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	37.43	9.09
15867-0157 Door Grilles Sight Proof Inverted Vee Cross Section (15867-0048)		
Note: Painted steel louvers and frame		
15867-0158 EA 12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	73.13	13.57
15867-0159 EA 12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	94.41	13.57
15867-0160 EA 18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	114.17	14.32
15867-0161 EA 24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	151.90	17.11
15867-0162 EA 24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	169.68	31.44
15867-0163 Stainless Steel Devices (15867-0048)		
15867-0164 Louvered Partition/Door Grilles (15867-0163)		
15867-0165 SF Louvered Partition/Door Grille, Stainless Steel, 304, To 4 SF	145.40	11.76
15MOD-0609 For 316 Stainless Steel, Add	25.16	
15867-0166 SF Louvered Partition/Door Grille, Stainless Steel, 304, > 4 SF	122.44	11.76
15MOD-0609 For 316 Stainless Steel, Add	20.57	
15867-0167 Single Deflection Supply Grilles (15867-0163)		
15867-0168 SF Single Deflection Supply Grille, Stainless Steel 304, To 4 SF	109.72	11.76
15MOD-0609 For 316 Stainless Steel, Add	18.02	
15867-0169 SF Single Deflection Supply Grille, Stainless Steel 304, > 4 SF	93.03	11.76
15MOD-0609 For 316 Stainless Steel, Add	14.69	
15867-0170 Double Deflection Supply Grilles (15867-0163)		
15867-0171 SF Double Deflection Supply Grille, Stainless Steel 304, To 4 SF	161.36	11.76
15MOD-0609 For 316 Stainless Steel, Add	28.35	
15867-0172 SF Double Deflection Supply Grille, Stainless Steel 304, > 4 SF	137.26	11.76
15MOD-0609 For 316 Stainless Steel, Add	23.53	
15867-0173 Return Grilles (15867-0163)		
15867-0174 SF Return Grille, Stainless Steel 304, To 4 SF	109.72	11.76
15MOD-0609 For 316 Stainless Steel, Add	18.02	
15867-0175 SF Return Grille, Stainless Steel 304, > 4 SF	93.03	11.76
15MOD-0609 For 316 Stainless Steel, Add	14.69	
15867-0176 Louvered Supply/Return Grilles (15867-0163)		
15867-0177 SF Louvered Supply/Return Grille, Stainless Steel 304, To 4 SF	109.72	11.76
15MOD-0609 For 316 Stainless Steel, Add	18.02	
15867-0178 SF Louvered Supply/Return Grille, Stainless Steel 304, > 4 SF	93.03	11.76
15MOD-0609 For 316 Stainless Steel, Add	14.69	
15867-0179 Perforated Return Air Grilles (15867-0163)		
15867-0180 SF Perforated Return Air Grille, Stainless Steel 304, To 4 SF	109.72	11.76
15MOD-0609 For 316 Stainless Steel, Add	18.02	
15867-0181 SF Perforated Return Air Grille, Stainless Steel 304, > 4 SF	88.44	11.76
15MOD-0609 For 316 Stainless Steel, Add	13.77	
15867-0182 Perforated Supply Grilles (15867-0163)		
15867-0183 SF Perforated Supply Grille, Stainless Steel 304, To 4 SF	133.19	11.76
15MOD-0609 For 316 Stainless Steel, Add	22.72	
15867-0184 SF Perforated Supply Grille, Stainless Steel 304, > 4 SF	90.89	11.76
15MOD-0609 For 316 Stainless Steel, Add	14.26	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15867-0185	Door Grilles <small>(15867-0163)</small>		
15867-0186	SF Door Grille, Stainless Steel 304, To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	199.85 36.05	11.76
15867-0187	SF Door Grille, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	166.47 29.37	11.76
15867-0188	Linear Bar Grilles <small>(15867-0163)</small>		
15867-0189	SF Linear Bar Grille, Stainless Steel 304, To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	255.86 47.25	11.76
15867-0190	SF Linear Bar Grille, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	218.83 39.85	11.76
15867-0191	Hinged Filter Grilles <small>(15867-0163)</small>		
15867-0192	SF Hinged Filter Grille, Stainless Steel 304, To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	187.64 33.61	11.76
15867-0193	SF Hinged Filter Grille, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	129.24 21.93	11.76
15867-0194	Opposed Blade Dampers <small>(15867-0163)</small>		
15867-0195	SF Opposed Blade Dampers Grille, Stainless Steel 304, Up To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	100.34 16.15	11.76
15867-0196	SF Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	76.04 11.29	11.76
15867-0197	Plaster Frames <small>(15867-0163)</small>		
	Note: For frequent replacement		
15867-0198	SF Plaster Frames Replacement, Stainless Steel 304, To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	77.80 11.64	11.76
15867-0199	SF Plaster Frames Replacement, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	40.57 4.19	11.76
15867-0200	Modular Louvered Ceiling Diffusers <small>(15867-0163)</small>		
15867-0201	SF Modular Louvered Ceiling Diffuser, Stainless Steel 304, To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	184.83 33.05	11.76
15867-0202	SF Modular Louvered Ceiling Diffuser, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	144.26 24.93	11.76
15867-0203	Latticed Supply/Return Grilles <small>(15867-0163)</small>		
15867-0204	SF Latticed Supply/Return Grille Diffuser, Stainless Steel 304, To 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	63.72 8.82	11.76
15867-0205	SF Latticed Supply/Return Grille Diffuser, Stainless Steel 304, > 4 SF <i>15MOD-0609 For 316 Stainless Steel, Add</i>	63.72 8.82	11.76
15867-0206	Removal And Reinstallation Of Distribution Devices <small>(15867)</small>		
	Note: Includes storage and cleaning. Excludes ductwork.		
15867-0207	EA Remove And Reinstall Variable Air Volume Terminal Unit	141.32	
15867-0208	EA Remove And Reinstall Fan Powered Variable Volume Terminal Unit.....	155.86	
15867-0209	EA Remove And Reinstall Lay-in Diffuser/Register/Grille.....	23.36	
15867-0210	EA Remove And Reinstall Surface Mounted Diffuser/Register/Grille	31.64	
15869	Air Terminal Units <small>(15800)</small>		
15869-0001	Variable Volume Terminal Unit <small>(15869)</small>		
	Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
15869-0002	Single Duct Variable Volume Terminal Unit <small>(15869-0001)</small>		
	Note: Enclosure only. For mounting DDC controls.		
15869-0003	EA 6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls <i>15MOD-0614 For Filters And Frames, Add</i>	229.17 6.30	34.66
15869-0004	EA 8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls <i>15MOD-0614 For Filters And Frames, Add</i>	257.98 6.30	39.19
15869-0005	EA 10" Diameter Inlet, 230 - 1400 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls <i>15MOD-0614 For Filters And Frames, Add</i>	288.72 6.30	43.71
15869-0006	EA 12" Diameter Inlet, 325 - 2000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls <i>15MOD-0614 For Filters And Frames, Add</i>	313.21 6.30	48.99
15869-0007	EA 14" Diameter Inlet, 450 - 3000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls <i>15MOD-0614 For Filters And Frames, Add</i>	426.04 6.30	105.44
15869-0008	EA 16" Diameter Inlet, 580 - 4000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls <i>15MOD-0614 For Filters And Frames, Add</i>	550.74 6.30	125.11
15869-0009	Single Duct Variable Volume Terminal Unit <small>(15869-0001)</small>		
	Note: With pneumatic controls		

15000 Mechanical
15800 Air Distribution
15869 Air Terminal Units



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15869-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	390.82	34.66
	15MOD-0611	For Fan Powered Variable Air Volume Box, Add	341.49	
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0613	For Pressure Independent Actuator, Add	67.57	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	427.21	39.19
	15MOD-0611	For Fan Powered Variable Air Volume Box, Add	366.70	
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0613	For Pressure Independent Actuator, Add	67.57	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0012	EA	10" Diameter Inlet, 230 - 1400 CFM, Variable Air Volume Box With pneumatic controller	455.03	43.71
	15MOD-0611	For Fan Powered Variable Air Volume Box, Add	379.75	
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0613	For Pressure Independent Actuator, Add	67.57	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0013	EA	12" Diameter Inlet, 325 - 2000 CFM, Variable Air Volume Box With pneumatic controller	482.44	48.99
	15MOD-0611	For Fan Powered Variable Air Volume Box, Add	392.11	
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0613	For Pressure Independent Actuator, Add	67.57	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0014	EA	14" Diameter Inlet, 450 To 3000 CFM, Variable Air Volume Box With pneumatic controller.....	579.51	105.44
	15MOD-0611	For Fan Powered Variable Air Volume Box, Add	444.32	
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0613	For Pressure Independent Actuator, Add	67.57	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0015	EA	16" Diameter Inlet, 580 To 4000 CFM, Variable Air Volume Box With pneumatic controller.....	717.05	125.11
	15MOD-0611	For Fan Powered Variable Air Volume Box, Add	491.77	
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0613	For Pressure Independent Actuator, Add	67.57	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0016		Single Duct Variable Volume Terminal Unit <small>(15869-0001)</small>		
		Note: With analog electronic controls		
15869-0017	EA	6" Diameter Inlet, 60 - 500 CFM, Variable Air Volume Box With analog electronic controls	592.14	34.66
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0018	EA	8" Diameter Inlet, 105 - 900 CFM, Variable Air Volume Box With analog electronic controls	623.87	39.19
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0019	EA	10" Diameter Inlet, 165 - 1400 CFM, Variable Air Volume Box With analog electronic controls	654.60	43.71
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0020	EA	12" Diameter Inlet, 235 - 2000 CFM, Variable Air Volume Box With analog electronic controls	693.10	48.99
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0021	EA	14" Diameter Inlet, 320 - 3000 CFM, Variable Air Volume Box With analog electronic controls	790.76	105.44
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0022	EA	16" Diameter Inlet, 420 - 4000 CFM, Variable Air Volume Box With analog electronic controls	802.43	105.44
	15MOD-0612	For Hot Water Coils, Add	40.55	
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0023		Dual Duct Variable Volume Terminal Unit <small>(15869-0001)</small>		
		Note: With flow control installation, plenum system power box, thermostat		
15869-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	431.69	68.51
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	475.74	78.00
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0026	EA	10" Diameter Inlet, 400 - 1000 CFM, Variable Air Volume Box, Dual Duct	514.80	88.10
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0027	EA	12" Diameter Inlet, 600 - 1400 CFM, Variable Air Volume Box, Dual Duct	566.58	98.28
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0028	EA	14" Diameter Inlet, 800 - 2700 CFM, Variable Air Volume Box, Dual Duct	639.96	113.05
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0029	EA	16" Diameter Inlet, 1000 - 3500 CFM, Variable Air Volume Box, Dual Duct	716.54	135.66
	15MOD-0614	For Filters And Frames, Add	6.30	
15869-0030		Duct Boxes, Constant Volume Control <small>(15869)</small>		
15869-0031		Single Duct Boxes, Constant Volume Control <small>(15869-0030)</small>		
15869-0032	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	787.32	28.64
	15MOD-0615	For Boxes With Motor, Add	20.00	
15869-0033	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	871.29	30.91
	15MOD-0615	For Boxes With Motor, Add	20.00	
15869-0034	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	905.73	33.92
	15MOD-0615	For Boxes With Motor, Add	20.00	
15869-0035	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	922.44	35.42
	15MOD-0615	For Boxes With Motor, Add	20.00	
15869-0036	EA	12" Diameter Inlet, 250 - 1200 CFM, Single Duct Boxes, Constant Volume Control	937.06	39.19
	15MOD-0615	For Boxes With Motor, Add	20.00	
15869-0037	EA	14" Diameter Inlet, 350 - 1680 CFM, Single Duct Boxes, Constant Volume Control	1,071.52	43.71
	15MOD-0615	For Boxes With Motor, Add	20.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15869-0038 EA 16" Diameter Inlet, 450 - 2160 CFM, Single Duct Boxes, Constant Volume Control	1,125.11	48.99
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0039 EA 20" x 16" Inlet, 550 - 2640 CFM, Single Duct Boxes, Constant Volume Control	1,195.89	58.79
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0040 EA 24" x 16" Inlet, 650 - 3120 CFM, Single Duct Boxes, Constant Volume Control	1,266.14	67.83
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0041 Dual Duct Boxes, Constant Volume Control <small>(15869-0030)</small>		
15869-0042 EA 4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,104.52	28.64
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0043 EA 6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	1,181.73	30.91
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0044 EA 7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	1,233.81	33.92
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0045 EA 9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	1,285.48	35.42
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0046 EA 12" Diameter Inlet, 250 - 1200 CFM, Dual Duct Boxes, Constant Volume Control	1,300.10	39.19
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0047 EA 14" Diameter Inlet, 350 - 1680 CFM, Dual Duct Boxes, Constant Volume Control	1,493.96	44.47
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0048 EA 16" Diameter Inlet, 450 - 2160 CFM, Dual Duct Boxes, Constant Volume Control	1,633.50	48.99
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0049 EA 20" x 16" Inlet, 550 - 2640 CFM, Dual Duct Boxes, Constant Volume Control	1,760.85	58.79
15MOD-0615 For Boxes With Motor, Add	20.00	
15869-0050 EA 24" x 16" Inlet, 650 - 3120 CFM, Dual Duct Boxes, Constant Volume Control	1,840.10	67.83
15MOD-0615 For Boxes With Motor, Add	20.00	
15871 Wall And Floor Diffusers <small>(15800)</small>		
15871-0001 Slot Type Linear Diffusers <small>(15871)</small>		
Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.		
15871-0002 LF 1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	29.30	3.77
15MOD-0616 For 3/4" Border, Add	3.37	
15MOD-0617 For Floor Mounted Diffusers, Add	4.04	
15MOD-0620 For Stainless Steel, Add	17.51	
15871-0003 LF 2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	35.28	4.52
15MOD-0616 For 3/4" Border, Add	4.49	
15MOD-0617 For Floor Mounted Diffusers, Add	5.39	
15MOD-0620 For Stainless Steel, Add	23.35	
15871-0004 LF 3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	47.89	5.28
15MOD-0616 For 3/4" Border, Add	7.07	
15MOD-0617 For Floor Mounted Diffusers, Add	8.49	
15MOD-0620 For Stainless Steel, Add	36.78	
15871-0005 LF 4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	62.27	5.28
15MOD-0616 For 3/4" Border, Add	10.11	
15MOD-0617 For Floor Mounted Diffusers, Add	12.13	
15MOD-0620 For Stainless Steel, Add	52.55	
15871-0006 LF 5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	77.44	6.03
15MOD-0616 For 3/4" Border, Add	13.14	
15MOD-0617 For Floor Mounted Diffusers, Add	15.77	
15MOD-0620 For Stainless Steel, Add	68.32	
15871-0007 LF 6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	90.60	7.54
15MOD-0616 For 3/4" Border, Add	15.50	
15MOD-0617 For Floor Mounted Diffusers, Add	18.59	
15MOD-0620 For Stainless Steel, Add	80.57	
15871-0008 Linear Bar Grilles And Registers <small>(15871)</small>		
Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
15871-0009 LF 2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	82.44	4.52
15MOD-0618 For Floor Mount, Add	6.51	
15MOD-0619 For Opposed Blade Damper, Add	13.02	
15MOD-0620 For Stainless Steel, Add	84.66	
15871-0010 LF 3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	98.20	5.28
15MOD-0618 For Floor Mount, Add	7.86	
15MOD-0619 For Opposed Blade Damper, Add	15.72	
15MOD-0620 For Stainless Steel, Add	102.18	
15871-0011 LF 4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	107.18	5.28
15MOD-0618 For Floor Mount, Add	8.53	
15MOD-0619 For Opposed Blade Damper, Add	17.07	
15MOD-0620 For Stainless Steel, Add	110.93	
15871-0012 LF 6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	131.92	7.54
15MOD-0618 For Floor Mount, Add	10.33	
15MOD-0619 For Opposed Blade Damper, Add	20.66	
15MOD-0620 For Stainless Steel, Add	134.29	
15871-0013 LF 9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	182.15	9.79
15MOD-0618 For Floor Mount, Add	14.37	
15MOD-0619 For Opposed Blade Damper, Add	28.74	
15MOD-0620 For Stainless Steel, Add	186.84	
15871-0014 LF 12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	210.71	11.31
15MOD-0618 For Floor Mount, Add	16.39	
15MOD-0619 For Opposed Blade Damper, Add	32.79	
15MOD-0620 For Stainless Steel, Add	213.11	

15000 Mechanical
15800 Air Distribution
15871 Wall And Floor Diffusers



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

15872 Ceiling Diffusers ⁽¹⁵⁸⁰⁰⁾

15872-0001 Rectangular Ceiling Diffusers With Perforated Face ⁽¹⁵⁸⁷²⁾

Note: Flush mount, aluminum construction, includes damper

15872-0002	EA 6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	64.99	9.79
	15MOD-0621 For Steel Construction, Deduct	-3.93	
	15MOD-0622 For Surface Mount, Deduct	-3.15	
	15MOD-0623 For Lay-In Mount, Deduct	-3.15	
	15MOD-0624 For Diffuser Without Damper, Deduct	-5.25	
	15MOD-0631 For Stainless Steel, Add	65.58	
15872-0003	EA 8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	70.82	9.79
	15MOD-0621 For Steel Construction, Deduct	-4.81	
	15MOD-0622 For Surface Mount, Deduct	-3.85	
	15MOD-0623 For Lay-In Mount, Deduct	-3.85	
	15MOD-0624 For Diffuser Without Damper, Deduct	-6.41	
	15MOD-0631 For Stainless Steel, Add	80.15	
15872-0004	EA 9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	70.82	9.79
	15MOD-0621 For Steel Construction, Deduct	-4.81	
	15MOD-0622 For Surface Mount, Deduct	-3.85	
	15MOD-0623 For Lay-In Mount, Deduct	-3.85	
	15MOD-0624 For Diffuser Without Damper, Deduct	-6.41	
	15MOD-0631 For Stainless Steel, Add	80.15	
15872-0005	EA 10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	85.15	12.06
	15MOD-0621 For Steel Construction, Deduct	-5.76	
	15MOD-0622 For Surface Mount, Deduct	-4.60	
	15MOD-0623 For Lay-In Mount, Deduct	-4.60	
	15MOD-0624 For Diffuser Without Damper, Deduct	-7.67	
	15MOD-0631 For Stainless Steel, Add	95.93	
15872-0006	EA 12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	85.15	11.31
	15MOD-0621 For Steel Construction, Deduct	-5.76	
	15MOD-0622 For Surface Mount, Deduct	-4.60	
	15MOD-0623 For Lay-In Mount, Deduct	-4.60	
	15MOD-0624 For Diffuser Without Damper, Deduct	-7.67	
	15MOD-0631 For Stainless Steel, Add	95.93	
15872-0007	EA 16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	95.84	11.31
	15MOD-0621 For Steel Construction, Deduct	-7.36	
	15MOD-0622 For Surface Mount, Deduct	-5.89	
	15MOD-0623 For Lay-In Mount, Deduct	-5.89	
	15MOD-0624 For Diffuser Without Damper, Deduct	-9.81	
	15MOD-0631 For Stainless Steel, Add	122.65	
15872-0008	EA 18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	111.48	15.07
	15MOD-0621 For Steel Construction, Deduct	-7.91	
	15MOD-0622 For Surface Mount, Deduct	-6.33	
	15MOD-0623 For Lay-In Mount, Deduct	-6.33	
	15MOD-0624 For Diffuser Without Damper, Deduct	-10.55	
	15MOD-0631 For Stainless Steel, Add	131.88	
15872-0009	EA 20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	127.52	15.83
	15MOD-0621 For Steel Construction, Deduct	-9.88	
	15MOD-0622 For Surface Mount, Deduct	-7.90	
	15MOD-0623 For Lay-In Mount, Deduct	-7.90	
	15MOD-0624 For Diffuser Without Damper, Deduct	-13.17	
	15MOD-0631 For Stainless Steel, Add	164.65	
15872-0010	EA 24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	145.03	18.09
	15MOD-0621 For Steel Construction, Deduct	-10.99	
	15MOD-0622 For Surface Mount, Deduct	-8.79	
	15MOD-0623 For Lay-In Mount, Deduct	-8.79	
	15MOD-0624 For Diffuser Without Damper, Deduct	-14.65	
	15MOD-0631 For Stainless Steel, Add	183.13	

15872-0011 Rectangular Ceiling Diffusers With Louver Face ⁽¹⁵⁸⁷²⁾

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction

15872-0012	EA 6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	66.93	9.79
	15MOD-0625 For Steel Construction, Deduct	-4.23	
	15MOD-0626 For Flush Mount, Add	4.23	
	15MOD-0627 For Lay-In Mount, Add	5.63	
	15MOD-0631 For Stainless Steel, Add	70.43	
15872-0013	EA 8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	74.51	9.79
	15MOD-0625 For Steel Construction, Deduct	-5.36	
	15MOD-0626 For Flush Mount, Add	5.36	
	15MOD-0627 For Lay-In Mount, Add	7.15	
	15MOD-0631 For Stainless Steel, Add	89.38	
15872-0014	EA 9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	74.51	9.79
	15MOD-0625 For Steel Construction, Deduct	-5.36	
	15MOD-0626 For Flush Mount, Add	5.36	
	15MOD-0627 For Lay-In Mount, Add	7.15	
	15MOD-0631 For Stainless Steel, Add	89.38	
15872-0015	EA 10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	89.52	11.31
	15MOD-0625 For Steel Construction, Deduct	-6.41	
	15MOD-0626 For Flush Mount, Add	6.41	
	15MOD-0627 For Lay-In Mount, Add	8.55	
	15MOD-0631 For Stainless Steel, Add	106.85	



Mechanical 15000	15
Air Distribution 15800	
Ceiling Diffusers 15872	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15872-0016	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	89.52	12.06
	15MOD-0625	For Steel Construction, Deduct	-6.41	
	15MOD-0626	For Flush Mount, Add	6.41	
	15MOD-0627	For Lay-In Mount, Add	8.55	
	15MOD-0631	For Stainless Steel, Add	106.85	
15872-0017	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	114.93	15.07
	15MOD-0625	For Steel Construction, Deduct	-8.39	
	15MOD-0626	For Flush Mount, Add	8.39	
	15MOD-0627	For Lay-In Mount, Add	11.19	
	15MOD-0631	For Stainless Steel, Add	139.88	
15872-0018	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	104.64	15.07
	15MOD-0625	For Steel Construction, Deduct	-6.85	
	15MOD-0626	For Flush Mount, Add	6.85	
	15MOD-0627	For Lay-In Mount, Add	9.13	
	15MOD-0631	For Stainless Steel, Add	114.15	
15872-0019	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	129.98	18.09
	15MOD-0625	For Steel Construction, Deduct	-8.79	
	15MOD-0626	For Flush Mount, Add	8.79	
	15MOD-0627	For Lay-In Mount, Add	11.72	
	15MOD-0631	For Stainless Steel, Add	146.45	
15872-0020	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	148.14	20.34
	15MOD-0625	For Steel Construction, Deduct	-10.93	
	15MOD-0626	For Flush Mount, Add	10.93	
	15MOD-0627	For Lay-In Mount, Add	14.57	
	15MOD-0631	For Stainless Steel, Add	182.15	
15872-0021	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper.....	161.11	39.87
	15MOD-0625	For Steel Construction, Deduct	-12.20	
	15MOD-0626	For Flush Mount, Add	12.20	
	15MOD-0627	For Lay-In Mount, Add	16.26	
	15MOD-0631	For Stainless Steel, Add	203.28	
15872-0022		Round Ceiling Diffusers With Fixed Pattern ⁽¹⁵⁸⁷²⁾		
		Note: Aluminum construction		
15872-0023	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	101.82	9.79
	15MOD-0628	For Steel Construction, Deduct	-18.92	
	15MOD-0631	For Stainless Steel, Add	157.65	
15872-0024	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	105.05	9.79
	15MOD-0628	For Steel Construction, Deduct	-19.89	
	15MOD-0631	For Stainless Steel, Add	165.73	
15872-0025	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	119.54	12.06
	15MOD-0628	For Steel Construction, Deduct	-21.83	
	15MOD-0631	For Stainless Steel, Add	181.90	
15872-0026	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	127.62	11.31
	15MOD-0628	For Steel Construction, Deduct	-24.25	
	15MOD-0631	For Stainless Steel, Add	202.10	
15872-0027	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	178.76	13.56
	15MOD-0628	For Steel Construction, Deduct	-37.35	
	15MOD-0631	For Stainless Steel, Add	311.25	
15872-0028	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	198.03	15.07
	15MOD-0628	For Steel Construction, Deduct	-41.72	
	15MOD-0631	For Stainless Steel, Add	347.63	
15872-0029	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	226.94	15.07
	15MOD-0628	For Steel Construction, Deduct	-49.58	
	15MOD-0631	For Stainless Steel, Add	413.20	
15872-0030	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	269.04	17.33
	15MOD-0628	For Steel Construction, Deduct	-60.36	
	15MOD-0631	For Stainless Steel, Add	503.03	
15872-0031	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	301.35	18.09
	15MOD-0628	For Steel Construction, Deduct	-68.99	
	15MOD-0631	For Stainless Steel, Add	574.88	
15872-0032	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	358.26	20.34
	15MOD-0628	For Steel Construction, Deduct	-83.54	
	15MOD-0631	For Stainless Steel, Add	696.15	
15872-0033		Round Ceiling Diffusers With Adjustable Pattern Dropped Style ⁽¹⁵⁸⁷²⁾		
		Note: Aluminum construction		
15872-0034	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	106.67	9.79
	15MOD-0629	For Steel Construction, Deduct	-6.79	
	15MOD-0630	For Flush Mount, Deduct	-3.40	
	15MOD-0631	For Stainless Steel, Add	169.78	
15872-0035	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	115.02	9.79
	15MOD-0629	For Steel Construction, Deduct	-7.63	
	15MOD-0630	For Flush Mount, Deduct	-3.81	
	15MOD-0631	For Stainless Steel, Add	190.65	
15872-0036	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	131.22	12.06
	15MOD-0629	For Steel Construction, Deduct	-8.44	
	15MOD-0630	For Flush Mount, Deduct	-4.22	
	15MOD-0631	For Stainless Steel, Add	211.10	

15000 Mechanical
15800 Air Distribution
15872 Ceiling Diffusers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15872-0037	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	140.56	12.06
		15MOD-0629 For Steel Construction, Deduct	-9.38	
		15MOD-0630 For Flush Mount, Deduct	-4.69	
		15MOD-0631 For Stainless Steel, Add	234.45	
15872-0038	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	199.78	13.56
		15MOD-0629 For Steel Construction, Deduct	-14.55	
		15MOD-0630 For Flush Mount, Deduct	-7.28	
		15MOD-0631 For Stainless Steel, Add	363.80	
15872-0039	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	224.44	15.07
		15MOD-0629 For Steel Construction, Deduct	-16.55	
		15MOD-0630 For Flush Mount, Deduct	-8.27	
		15MOD-0631 For Stainless Steel, Add	413.65	
15872-0040	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	258.38	15.83
		15MOD-0629 For Steel Construction, Deduct	-19.67	
		15MOD-0630 For Flush Mount, Deduct	-9.84	
		15MOD-0631 For Stainless Steel, Add	491.80	
15872-0041	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	291.31	17.33
		15MOD-0629 For Steel Construction, Deduct	-22.35	
		15MOD-0630 For Flush Mount, Deduct	-11.17	
		15MOD-0631 For Stainless Steel, Add	558.70	
15872-0042	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	349.86	18.09
		15MOD-0629 For Steel Construction, Deduct	-27.85	
		15MOD-0630 For Flush Mount, Deduct	-13.92	
		15MOD-0631 For Stainless Steel, Add	696.15	
15872-0043	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	419.52	20.34
		15MOD-0629 For Steel Construction, Deduct	-33.97	
		15MOD-0630 For Flush Mount, Deduct	-16.99	
		15MOD-0631 For Stainless Steel, Add	849.30	
15872-0044	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction.....	463.67	42.43
		15MOD-0631 For Stainless Steel, Add	947.20	
15872-0045		Linear Type Ceiling Diffusers With 2-Way Air Deflection (15872)		
15872-0046	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection.....	86.02	11.31
		15MOD-0631 For Stainless Steel, Add	102.00	
15872-0047	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection.....	91.57	11.31
		15MOD-0631 For Stainless Steel, Add	115.88	
15872-0048	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection.....	98.40	11.31
		15MOD-0631 For Stainless Steel, Add	132.95	
15872-0049	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection.....	105.04	11.31
		15MOD-0631 For Stainless Steel, Add	149.55	
15880		Air Treatment Equipment (15800)		
15880-0001		Air Filters (15880)		
15880-0002		Disposable Air Filters (15880-0001)		
15880-0003	EA	Throwaway Glass Or Paper Media Filter, Residential.....	9.20	
15880-0004		Electrostatic Air Filters With Frame, Element And Busbar (15880-0001)		
15880-0005	MF3	Electrostatic Air Filter, High Efficiency Non-supported With Frame, Element And Busbar.....	57.20	
15880-0006	MF3	Electrostatic Air Filter, Medium Efficiency Non-supported With Frame, Element And Busbar.....	55.24	
15880-0007	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar.....	37.58	
15880-0008	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar.....	98.43	
15880-0009	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar.....	2.38	
15880-0010		Activated Carbon Filters (15880-0001)		
15880-0011	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	34.50	5.65
15880-0012	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	34.92	5.65
15880-0013	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	35.17	5.65
15880-0014	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	35.17	5.65
15880-0015	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	38.31	5.65
15880-0016	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	43.48	5.65
15880-0017	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	43.86	6.41
15880-0018	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	44.21	6.41
15880-0019	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	44.51	6.41
15880-0020	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	44.51	6.41
15880-0021	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	47.98	6.41
15880-0022	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	57.66	6.41
15880-0023	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	20.12	5.65
15880-0024	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	21.62	5.65
15880-0025	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	21.67	5.65
15880-0026	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	23.63	5.65
15880-0027	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter.....	25.37	5.65
15880-0028	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	23.35	6.41
15880-0029	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	25.96	6.41
15880-0030	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	26.51	6.41
15880-0031	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	29.74	6.41
15880-0032	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter.....	31.79	6.41
15880-0033	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter.....	53.76	6.79



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15880-0034	Ultraviolet HVAC Microbial Control Fixtures <small>(15880)</small> Note: Excludes support framing.		
15880-0035	Double Ended Ultraviolet HVAC Microbial Control Fixtures <small>(15880-0034)</small>		
15880-0036	EA 18" Double Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire DE-181-VO	432.88	46.98
15880-0037	EA 24" Double Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire DE-241-VO	452.10	49.31
15880-0038	EA 30" Double Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire DE-301-VO	474.24	51.43
15880-0039	EA 36" Double Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire DE-361-VO	497.26	54.03
15880-0040	EA 42" Double Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire DE-421-VO	513.49	56.36
15880-0041	Single Ended Ultraviolet HVAC Microbial Control Fixtures <small>(15880-0034)</small>		
15880-0042	EA 16" Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SE-161-VO	382.80	35.22
15880-0043	EA 20" Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SE-201-VO	389.35	37.34
15880-0044	EA 24" Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SE-241-VO	395.89	40.16
15880-0045	EA 30" Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SE-301-VO	405.46	42.27
15880-0046	EA 36" Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SE-361-VO	415.05	44.38
15880-0047	EA 42" Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SE-421-VO	424.62	47.19
15880-0048	EA 16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SEN-161-VO	447.30	35.22
15880-0049	EA 20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SEN-201-VO	453.85	37.34
15880-0050	EA 24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SEN-241-VO	460.39	40.16
15880-0051	EA 30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SEN-301-VO	469.96	42.27
15880-0052	EA 36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SEN-361-VO	479.54	44.38
15880-0053	EA 42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire SEN-421-VO	489.11	47.19
15880-0054	EA 16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire RSE-161-VO	306.96	35.22
15880-0055	EA 20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire RSE-201-VO	313.51	37.34
15880-0056	EA 24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire RSE-241-VO	320.05	40.16
15880-0057	EA 30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire RSE-301-VO	329.62	42.27
15880-0058	EA 36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire RSE-361-VO	339.21	44.38
15880-0059	EA 42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture Note: Includes tube. Steril-Aire RSE-421-VO	348.78	47.19
15880-0060	Fan Coil Unit Ultraviolet Microbial Control Fixtures <small>(15880-0034)</small>		
15880-0061	EA 16" Fan Coil Unit Ultraviolet Microbial Control Fixture Note: Includes tube. Steril-Aire.	272.66	45.09
15880-0062	EA 20" Fan Coil Unit Ultraviolet Microbial Control Fixture Note: Includes tube. Steril-Aire.	279.19	47.19
15880-0063	EA 24" Fan Coil Unit Ultraviolet Microbial Control Fixture Note: Includes tube. Steril-Aire.	285.71	49.31
15880-0064	EA 30" Fan Coil Unit Ultraviolet Microbial Control Fixture Note: Includes tube. Steril-Aire.	294.20	51.43
15880-0065	EA 36" Fan Coil Unit Ultraviolet Microbial Control Fixture Note: Includes tube. Steril-Aire.	304.91	54.03
15880-0066	EA 42" Fan Coil Unit Ultraviolet Microbial Control Fixture Note: Includes tube. Steril-Aire.	314.45	56.36
15880-0067	Ultraviolet HVAC Microbial Control Replacement Parts <small>(15880-0034)</small>		
15880-0068	EA 18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTD-16-VO	72.12	
15880-0069	EA 24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTD-22-VO	75.79	
15880-0070	EA 30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTD-28-VO	85.61	
15880-0071	EA 36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTD-34-VO	98.37	
15880-0072	EA 42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTD-40-VO	123.12	

15000 Mechanical
15800 Air Distribution
15880 Air Treatment Equipment



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15880-0073 EA 16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTS-16-VO	73.67	
15880-0074 EA 20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTS-20-VO	77.40	
15880-0075 EA 24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTS-24-VO	81.14	
15880-0076 EA 30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTS-30-VO	87.90	
15880-0077 EA 36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTS-36-VO	94.65	
15880-0078 EA 42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement Note: Steril-Aire GTS-42-VO	101.40	
15880-0079 EA Replacement Power Supply For Ultraviolet Microbial Control Fixture..... Note: Steril-Aire	206.85	

15883 High Efficiency Filters (15800)

15883-0001 HEPA Filters (15883)

Note: Includes particle board and kraft paper frame and separator material. See CSI section 15880-0000 for prefilters.

15883-0002 HEPA Filters DOP Efficiency-95% (15883-0001)

15883-0003 EA 12" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 150 CFM, Complete.....	95.65	10.56
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.11	
15MOD-0633 For > 10 To 25, Deduct	-2.39	
15MOD-0634 For > 25 To 50, Deduct	-4.78	
15MOD-0635 For > 50 To 100, Deduct	-7.17	
15MOD-0636 For > 100, Deduct	-9.57	
15883-0004 EA 24" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 375 CFM, Complete.....	128.18	12.06
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.41	
15MOD-0633 For > 10 To 25, Deduct	-3.20	
15MOD-0634 For > 25 To 50, Deduct	-6.41	
15MOD-0635 For > 50 To 100, Deduct	-9.61	
15MOD-0636 For > 100, Deduct	-12.82	
15883-0005 EA 24" x 18" x 6" HEPA Filter, 95% DOP Efficiency, 450 CFM, Complete.....	150.10	13.94
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.79	
15MOD-0633 For > 10 To 25, Deduct	-3.75	
15MOD-0634 For > 25 To 50, Deduct	-7.51	
15MOD-0635 For > 50 To 100, Deduct	-11.26	
15MOD-0636 For > 100, Deduct	-15.01	
15883-0006 EA 24" x 24" x 6" HEPA Filter, 95% DOP Efficiency, 700 CFM, Complete.....	172.05	15.84
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.17	
15MOD-0633 For > 10 To 25, Deduct	-4.30	
15MOD-0634 For > 25 To 50, Deduct	-8.60	
15MOD-0635 For > 50 To 100, Deduct	-12.90	
15MOD-0636 For > 100, Deduct	-17.21	
15883-0007 EA 12" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 250 CFM, Complete.....	117.32	11.31
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.26	
15MOD-0633 For > 10 To 25, Deduct	-2.93	
15MOD-0634 For > 25 To 50, Deduct	-5.87	
15MOD-0635 For > 50 To 100, Deduct	-8.80	
15MOD-0636 For > 100, Deduct	-11.73	
15883-0008 EA 24" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 500 CFM, Complete.....	158.57	13.20
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.64	
15MOD-0633 For > 10 To 25, Deduct	-3.96	
15MOD-0634 For > 25 To 50, Deduct	-7.93	
15MOD-0635 For > 50 To 100, Deduct	-11.89	
15MOD-0636 For > 100, Deduct	-15.86	
15883-0009 EA 24" x 18" x 12" HEPA Filter, 95% DOP Efficiency, 875 CFM, Complete.....	189.90	15.08
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.02	
15MOD-0633 For > 10 To 25, Deduct	-4.75	
15MOD-0634 For > 25 To 50, Deduct	-9.50	
15MOD-0635 For > 50 To 100, Deduct	-14.24	
15MOD-0636 For > 100, Deduct	-18.99	
15883-0010 EA 24" x 24" x 12" HEPA Filter, 95% DOP Efficiency, 1000 CFM, Complete.....	224.98	18.85
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.77	
15MOD-0633 For > 10 To 25, Deduct	-5.62	
15MOD-0634 For > 25 To 50, Deduct	-11.25	
15MOD-0635 For > 50 To 100, Deduct	-16.87	
15MOD-0636 For > 100, Deduct	-22.50	

15883-0011 HEPA Filters DOP Efficiency-99.99% (15883-0001)

15883-0012 EA 12" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete.....	81.76	9.42
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	1.89	
15MOD-0633 For > 10 To 25, Deduct	-2.04	
15MOD-0634 For > 25 To 50, Deduct	-4.09	
15MOD-0635 For > 50 To 100, Deduct	-6.13	
15MOD-0636 For > 100, Deduct	-8.18	
15883-0013 EA 24" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete.....	114.02	11.31
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.26	
15MOD-0633 For > 10 To 25, Deduct	-2.85	
15MOD-0634 For > 25 To 50, Deduct	-5.70	
15MOD-0635 For > 50 To 100, Deduct	-8.55	
15MOD-0636 For > 100, Deduct	-11.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15883-0014 EA 24" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	176.58	13.20
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.64	
15MOD-0633 For > 10 To 25, Deduct	-4.41	
15MOD-0634 For > 25 To 50, Deduct	-8.83	
15MOD-0635 For > 50 To 100, Deduct	-13.24	
15MOD-0636 For > 100, Deduct	-17.66	
15883-0015 EA 36" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	228.00	15.08
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.02	
15MOD-0633 For > 10 To 25, Deduct	-5.70	
15MOD-0634 For > 25 To 50, Deduct	-11.40	
15MOD-0635 For > 50 To 100, Deduct	-17.10	
15MOD-0636 For > 100, Deduct	-22.80	
15883-0016 EA 8" x 8" x 6" HEPA Filter, 99.99% DOP Efficiency, Complete	77.93	7.53
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	1.51	
15MOD-0633 For > 10 To 25, Deduct	-1.95	
15MOD-0634 For > 25 To 50, Deduct	-3.90	
15MOD-0635 For > 50 To 100, Deduct	-5.84	
15MOD-0636 For > 100, Deduct	-7.79	
15883-0017 EA 12" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 150 CFM, Complete	103.19	10.17
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.04	
15MOD-0633 For > 10 To 25, Deduct	-2.58	
15MOD-0634 For > 25 To 50, Deduct	-5.16	
15MOD-0635 For > 50 To 100, Deduct	-7.74	
15MOD-0636 For > 100, Deduct	-10.32	
15883-0018 EA 24" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 325 CFM, Complete	139.74	12.06
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.41	
15MOD-0633 For > 10 To 25, Deduct	-3.49	
15MOD-0634 For > 25 To 50, Deduct	-6.99	
15MOD-0635 For > 50 To 100, Deduct	-10.48	
15MOD-0636 For > 100, Deduct	-13.97	
15883-0019 EA 24" x 18" x 6" HEPA Filter, 99.99% DOP Efficiency, 550 CFM, Complete	164.06	14.13
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.83	
15MOD-0633 For > 10 To 25, Deduct	-4.10	
15MOD-0634 For > 25 To 50, Deduct	-8.20	
15MOD-0635 For > 50 To 100, Deduct	-12.30	
15MOD-0636 For > 100, Deduct	-16.41	
15883-0020 EA 24" x 24" x 6" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	187.64	15.84
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.17	
15MOD-0633 For > 10 To 25, Deduct	-4.69	
15MOD-0634 For > 25 To 50, Deduct	-9.38	
15MOD-0635 For > 50 To 100, Deduct	-14.07	
15MOD-0636 For > 100, Deduct	-18.76	
15883-0021 EA 12" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 250 CFM, Complete	127.84	11.31
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.26	
15MOD-0633 For > 10 To 25, Deduct	-3.20	
15MOD-0634 For > 25 To 50, Deduct	-6.39	
15MOD-0635 For > 50 To 100, Deduct	-9.59	
15MOD-0636 For > 100, Deduct	-12.78	
15883-0022 EA 24" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 500 CFM, Complete	173.26	13.20
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	2.64	
15MOD-0633 For > 10 To 25, Deduct	-4.33	
15MOD-0634 For > 25 To 50, Deduct	-8.66	
15MOD-0635 For > 50 To 100, Deduct	-12.99	
15MOD-0636 For > 100, Deduct	-17.33	
15883-0023 EA 24" x 18" x 12" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	207.65	15.08
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.02	
15MOD-0633 For > 10 To 25, Deduct	-5.19	
15MOD-0634 For > 25 To 50, Deduct	-10.38	
15MOD-0635 For > 50 To 100, Deduct	-15.57	
15MOD-0636 For > 100, Deduct	-20.77	
15883-0024 EA 24" x 24" x 12" HEPA Filter, 99.99% DOP Efficiency, 1100 CFM, Complete	255.69	18.85
15MOD-0632 For Removal And Replacement In Existing Equipment, Add	3.77	
15MOD-0633 For > 10 To 25, Deduct	-6.39	
15MOD-0634 For > 25 To 50, Deduct	-12.78	
15MOD-0635 For > 50 To 100, Deduct	-19.18	
15MOD-0636 For > 100, Deduct	-25.57	

15883-0025 HEPA Filter Housings, 14 Gauge Galvanized Sheet Metal (15883)

Note: Nominal sizes

15883-0026 EA 12" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	218.87	56.23
15883-0027 EA 24" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	404.20	111.76
15883-0028 EA 24" x 18" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	411.39	111.76
15883-0029 EA 24" x 24" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	416.18	111.76
15883-0030 EA 24" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	449.72	111.76
15883-0031 EA 24" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	491.65	111.76
15883-0032 EA 48" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	779.66	224.21
15883-0033 EA 48" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	881.48	224.21
15883-0034 EA 48" x 96" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,010.85	224.21
15883-0035 EA 12" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	239.23	56.23
15883-0036 EA 24" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	438.94	111.76
15883-0037 EA 24" x 18" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	447.33	111.76
15883-0038 EA 24" x 24" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	453.32	111.76
15883-0039 EA 24" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	492.85	111.76
15883-0040 EA 24" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	545.55	111.76



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15883-0041 EA 48" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	863.51	224.21
15883-0042 EA 48" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	990.48	224.21
15883-0043 EA 48" x 96" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,151.00	224.21
15883-0044 Filter, Bag Type, 90-95% Efficiency (15883)		
15883-0045 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	181.49	72.88
15883-0046 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	215.01	72.88
15883-0047 Filter, Bag Type, 80-85% Efficiency (15883)		
15883-0048 EA .75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	177.64	72.88
15883-0049 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	202.37	72.88
15890 Sound Attenuator (15890)		
15890-0001 36" Long Packaged Duct Sound Trap (15890)		
15890-0002 EA 12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	190.44	30.91
15890-0003 EA 12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	226.99	35.42
15890-0004 EA 12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	286.69	40.70
15890-0005 EA 12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	343.18	45.97
15890-0006 EA 24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	322.45	45.97
15890-0007 EA 24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	397.58	48.24
15890-0008 EA 24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	436.17	51.25
15890-0009 EA 24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	476.28	54.26
15890-0010 EA 24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	610.30	61.80
15890-0011 EA 36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	399.56	51.25
15890-0012 EA 36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	528.54	61.80
15890-0013 EA 36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	898.30	82.90
15890-0014 EA 36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	987.27	87.43
15890-0015 EA 48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,098.01	94.21
15890-0016 EA 48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,228.66	102.50
15890-0017 60" Long Packaged Duct Sound Trap (15890)		
15890-0018 EA 12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	211.93	67.83
15890-0019 EA 12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	253.42	78.39
15890-0020 EA 12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	320.93	90.44
15890-0021 EA 12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	384.13	101.74
15890-0022 EA 24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	360.56	101.74
15890-0023 EA 24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	446.91	107.77
15890-0024 EA 24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	488.18	113.05
15890-0025 EA 24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	530.59	119.08
15890-0026 EA 24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	684.54	135.66
15890-0027 EA 36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	446.58	113.05
15890-0028 EA 36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	591.64	135.66
15890-0029 EA 36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,001.80	178.62
15890-0030 EA 36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,114.21	193.69
15890-0031 EA 48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,230.61	205.76
15890-0032 EA 48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,381.26	226.10
15890-0033 84" Long Packaged Duct Sound Trap (15890)		
15890-0034 EA 6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	181.00	56.53
15890-0035 EA 6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	301.31	84.41
15890-0036 EA 6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	424.15	123.60
15890-0037 EA 12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	238.27	67.83
15890-0038 EA 12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	292.25	78.39
15890-0039 EA 12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	384.72	90.44
15890-0040 EA 12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	447.56	97.22
15890-0041 EA 12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	487.43	104.76
15890-0042 EA 12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	600.50	113.05
15890-0043 EA 12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	702.87	123.60
15890-0044 EA 24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	429.19	104.76
15890-0045 EA 24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	583.49	109.28
15890-0046 EA 24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	632.39	113.05
15890-0047 EA 24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	685.89	119.08
15890-0048 EA 24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	845.30	128.13
15890-0049 EA 24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	914.73	135.66

15900 Controls And Instrumentation (15900)

15910 Energy Monitoring and Control Systems (15900)

15910-0001 EMCS General Costs (15910)

15910-0002 EMCS System Design Engineering (15910-0001)

Note: Hourly labor rates are used for engineering projects only. Not used in conjunction construction tasks.



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0003	HR	EMCS Site Inspection Of Existing Facilities.....	174.69	
15910-0004	HR	EMCS Engineering Project Management	174.69	
15910-0005	HR	EMCS System Engineering, Schematic Design And Layout	185.28	
15910-0006	HR	EMCS System Software Programming And Graphics Programming.....	185.28	
15910-0007	HR	EMCS Graphics Picture Creation	119.14	
15910-0008	HR	EMCS System Controls Training	174.69	
15910-0009	HR	EMCS On-Site System Diagnostics Field Technician.....	174.69	
15910-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	145.62	
15910-0011	HR	EMCS Travel Time (All Personnel).....	150.91	
15910-0012		Post Warranty Field Tests, Checkout And Commissioning <small>(15910-0001)</small>		
		Note: Tasks used for building commissioning of other contractors' work or post warranty service work. A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
15910-0013	PNT	EMCS Field Test.....	92.67	
		Note: Priced per point. Task used after warranty period only.		
15910-0014	PNT	EMCS Field Checkout And Startup.....	92.67	
		Note: Priced per point. Task used after warranty period only.		
15910-0015	PNT	EMCS Field Commissioning	92.67	
		Note: Priced per point. Used when the owner requires an independent commissioning firm.		
15910-0016	EA	EMCS Field Balance Support.....	79.40	
		Note: Priced per controller. Task used after warranty period only.		
15910-0017		EMCS System Engineering/Submittal Design And Layout <small>(15910-0001)</small>		
		Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
15910-0018	PNT	EMCS System Engineering/Submittal Design And Layout	30.91	
		Note: Priced per point.		
15910-0019		Install EMCS Field Devices And Controllers (Labor Only) <small>(15910-0001)</small>		
		Note: This section is used when equipment or devices are supplied by others, usually in a maintenance or trouble shooting situation. Excludes cable or conduit between panel and device.		
15910-0020	EA	Mount An AHU Control Enclosure On Block, Masonry Or Gypsum Wall	160.15	26.47
15910-0021	EA	Install AHU Power Supply In A Control Enclosure	116.46	52.94
15910-0022	EA	Install Metal Box And Conduit Stub-Up For Sensor In Masonry Wall	160.15	26.47
15910-0023	EA	Install And Wire Room Sensor.....	43.69	26.47
15910-0024	EA	Install And Wire Duct Sensor	58.23	26.47
15910-0025	EA	Install And Wire AHU Averaging Sensor.....	189.23	132.34
15910-0026	EA	Install And Wire AHU Humidity Sensor.....	101.93	39.74
15910-0027	EA	Install And Wire AHU CO2 Sensor	145.62	39.74
15910-0028	EA	Install And Wire Fan Or Filter DP Switch	145.62	39.74
15910-0029	EA	Install And Wire Float Switch	116.46	26.47
15910-0030	EA	Install And Wire Freezestat.....	189.23	132.34
15910-0031	EA	Install And Wire Duct Static Pressure Sensor.....	101.93	52.94
15910-0032	EA	Install And Wire Duct High Static Sensor.....	58.23	26.47
15910-0033	EA	Install And Wire Emergency Stop Switch For AHU Or Other Equipment.....	58.23	26.47
15910-0034	EA	Install And Wire Emergency Stop Switch For AHU.....	174.69	52.94
15910-0035	EA	Install And Wire AHU Connection To Starter	174.69	132.34
15910-0036	EA	Install And Wire Connection To VFD	320.30	132.34
15910-0037	EA	Install And Wire AHU Valve Actuator.....	87.38	26.47
15910-0038	EA	Install And Wire AHU Damper Actuator	174.69	52.94
15910-0039	EA	Install And Wire AHU Smoke Detector Or Fire Alarm Relay.....	101.93	39.74
15910-0040	EA	Install And Wire AHU Electropneumatic Transducer	72.77	26.47
15910-0041	EA	Install And Wire Electric Heat Or Sequencer	174.69	52.94
15910-0042	EA	Install And Wire Connection To Outdoor Compressor	407.61	39.74
15910-0043	EA	Install And Wire AHU Magnahelic.....	145.62	26.47
15910-0044	EA	Install And Wire AHU Wireway For Control Enclosure.....	174.69	52.94
15910-0045	EA	Wire And Assemble AHU Control Enclosure	320.30	
		Note: Includes installing all panel devices for a medium size panel.		
15910-0046	EA	Field Install And Wire VAV Controller	116.46	52.94
		Note: Use when VAV box is previously installed.		
15910-0047	EA	Shop Install And Wire VAV Controller.....	101.93	
15910-0048	EA	Install And Wire VAV Power Supply	43.69	26.47
15910-0049	EA	Wire VAV Fan In Parallel Or Series Fan Box.....	58.23	26.47
15910-0050	EA	Install And Wire Fan Coil Unit Controller	291.15	79.40
15910-0051	EA	Mount Fan Coil Unit, Heat Pump, Or Unit Ventilator Controller	87.38	
15910-0052	EA	Install And Wire Central Plant Controller	407.61	238.22
		Note: For programmable DDC controller.		
15910-0053	EA	Mount Central Plant Enclosure For DDC Control Enclosure.....	160.15	26.47
		Note: For programmable DDC controller.		
15910-0054	EA	Install Central Plant Power Supply For DDC Programmable Controller.....	116.46	52.94
15910-0055	EA	Install Central Plant Wireway For Programmable Controller.....	174.69	52.94
15910-0056	EA	Install And Wire Chiller Controls For Enable And Setpoint Controls.....	349.39	79.40
15910-0057	EA	Install And Wire Chiller Flow Switch	349.39	158.82
15910-0058	EA	Install And Wire Chiller DP Transmitter	1,310.24	79.40
		Note: Includes installing copper tubing connection to water piping.		
15910-0059	EA	Install And Wire Boiler Controls For Enable And Alarm.....	262.08	79.40

15000 Mechanical
15900 Controls And Instrumentation
15910 Energy Monitoring and Control Systems



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0060	EA	Install And Wire Boiler Safeties..... Note: For high water, low water and flame safeguard.	262.08	79.40
15910-0061	EA	Install Boiler Control Panel Enclosure On Block, Masonry Or Gypsum Wall	582.31	330.89
15910-0062	EA	Wire And Terminate Combustion Air Damper.....	727.93	52.94
15910-0063	EA	Wire Oil Tank Interlock For Oil Boiler.....	363.92	52.94
15910-0064	EA	Install And Wire Boiler Emergency Stop Switch.....	727.93	158.82
15910-0065	EA	Wire And Terminate Temperature Well Sensor..... Note: Excludes well.	72.77	39.74
15910-0066	EA	Install And Wire Strap On Sensor.....	174.69	39.74
15910-0067	EA	Install And Wire CO2 Sensor For Room Or Space..... Note: Excludes stub-up.	145.62	39.74
15910-0068	EA	Install And Wire Valve Actuator.....	145.62	105.87
15910-0069	EA	Install And Wire Outside Air Temperature Sensor	262.08	79.40
15910-0070	EA	Install And Wire Outside Air Humidity Sensor.....	131.00	79.40
15910-0071	EA	Install And Wire Flow Sensor.....	320.30	158.82
15910-0072	EA	Install And Wire Pressure Sensor For Pump Or Building.....	320.30	158.82
15910-0073	EA	Install And Wire Pump Starter.....	174.69	39.74
15910-0074	EA	Install And Wire Pump VFD	320.30	79.40
15910-0075	EA	Install And Wire Pump DP Switch..... Note: Includes installing copper tubing connection to water piping.	436.77	158.82
15910-0076	EA	Install And Wire System DP Transmitter..... Note: Includes installing copper tubing connection to water piping and wiring remote transmitter.	1,455.84	158.82
15910-0077	EA	Mount Starter Sized Up To 100 HP.....	116.46	79.40
15910-0078	EA	Mount VFD Sized Up To 100 HP	291.15	264.69
15910-0079	EA	Install And Wire Cooling Tower Control Enclosure	524.08	158.82
15910-0080	EA	Install And Wire Vibration Switch For Cooling Tower.....	320.30	158.82
15910-0081	EA	Install And Wire Cooling Tower Basin Heater.....	174.69	158.82
15910-0082	EA	Install And Wire Basin Water Temperature Switch	174.69	79.40
15910-0083	EA	Install And Wire Cooling Tower Make-Up Water Valve.....	174.69	158.82
15910-0084	EA	Install And Wire Cooling Tower Make-Up Water Valve.....	174.69	158.82
15910-0085	EA	Install And Wire Refrigerant Monitor Panel.....	873.53	330.89
15910-0086	EA	Install And Wire Break Glass Switch.....	174.69	79.40
15910-0087	EA	Install And Wire Horn/Strobe For Refrigerant Monitor.....	131.00	52.94
15910-0088	EA	Install And Wire Damper Actuator.....	174.69	52.94
15910-0089	EA	Install And Wire Chemical Feed System.....	1,455.84	330.89
15910-0090	EA	Wire And Assemble Control Enclosure..... Note: Includes installing all panel devices in large size panel.	349.39	
15910-0091	EA	Install And Wire Exhaust Fan DDC Control	363.92	66.20
15910-0092	EA	Install And Wire Exhaust Fan Thermostat Control	116.46	39.74
15910-0093	EA	Wire Lighting Contactor (Contactor Installed By Others)	363.92	52.94
15910-0094	EA	Wire And Terminate Unit Heater	116.46	39.74
15910-0095	EA	Wire Domestic Water Heater For Enable Or Disable.....	363.92	52.94
15910-0096	EA	Wire And Install Current Transformer KWH Meter (With Power Off).....	1,164.69	317.62
15910-0097	EA	Wire Water Meter (Meter Installed By Others).....	1,164.69	79.40
15910-0098	EA	Wire Gas Meter (Meter Installed By Others).....	1,164.69	79.40
15910-0099	EA	Install Wireless Receiver And Wire To DDC Controls.....	145.62	52.94
15910-0100	EA	Install Wireless Sensor	29.15	13.27
15910-0101	EA	Wire Split System AC Thermostat.....	582.31	39.74
15910-0102	EA	Wire Sump Pump Monitor Status Switch	436.77	79.40
15910-0103	EA	Install Locking Cover/Wire Guard For Thermostat Or Wall Temperature Sensor	58.23	26.47
15910-0104	EA	Install And Wire Combination Outside Air Temperature/Outside Air Humidity Sensor.....	393.08	158.82

15910-0105 Honeywell Controls (15910)15910-0106 EMCS Central Equipment And Controllers (15910-0105)15910-0107 EMCS Network Area Controllers (BACnet Or Lon) (15910-0106)

Note: Includes loading software, software license, loading data base and mounting on wall.

15910-0108	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	6,200.94	344.09
15910-0109	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	4,351.55	344.09
15910-0110	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	3,414.02	344.09
15910-0111	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	4,160.08	344.09
15910-0112	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	3,388.33	344.09
15910-0113	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	3,388.33	344.09



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0114 EA 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	3,646.36	344.09
15910-0115 EA 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	3,917.23	344.09
15910-0116 EA 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	3,646.36	344.09
15910-0117 EA 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	3,917.23	344.09
15910-0118 EA 34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	3,919.56	344.09
15910-0119 EA 34 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-234-BU)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	4,190.43	344.09
15910-0120 EA 34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	3,919.56	344.09
15910-0121 EA 34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	4,190.43	344.09
15910-0122 EA Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	4,147.23	344.09
15910-0123 EA Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only)..... Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	5,052.08	344.09
15910-0124 EA Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ)..... Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	5,331.12	344.09
15910-0125 EA Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ)..... Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	6,235.96	344.09
15910-0126 EA Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	5,343.96	344.09
15910-0127 EA Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	7,068.42	344.09
15910-0128 EMCS Network Interfaces <small>(15910-0106)</small> Note: Includes installation, start-up and tech labor.		
15910-0129 EA Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001)..... Note: For desktop computer.	869.69	95.29
15910-0130 EA Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009)..... Note: For laptop computer.	744.17	63.52
15910-0131 EA FTT-10 To FTT-10 Router (Honeywell Q7751A2010).....	954.93	119.14
15910-0132 EA 4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002).....	1,440.05	172.08
15910-0133 EA Two Way Lon Repeater (Honeywell Q7740A1008).....	764.04	172.08
15910-0134 EA FTT Termination Module For Network Bus (Honeywell 209541B).....	59.00	21.18
15910-0135 DDC Application Specific Controller Assemblies <small>(15910-0106)</small> Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
15910-0136 EA Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,449.87	492.32
15910-0137 EA > 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,185.19	291.51
15910-0138 EA Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,561.04	492.32

15000 Mechanical
15900 Controls And Instrumentation
15910 Energy Monitoring and Control Systems



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0139 EA > 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,296.36	320.44
15910-0140 EA Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,717.55	547.93
15910-0141 EA > 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,519.00	410.80
15910-0142 EA Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,106.60	547.93
15910-0143 EA > 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,828.72	419.27
15910-0144 EA Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,295.96	547.93
15910-0145 EA > 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,031.28	323.97
15910-0146 EA Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,441.58	547.93
15910-0147 EA > 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,176.82	364.92
15910-0148 EA Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	1,695.03	547.93
15910-0149 EA > 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	1,425.05	323.27
15910-0150 EA Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	1,840.64	547.93
15910-0151 EA > 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	1,570.59	364.20
15910-0152 EA Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	2,113.70	547.93
15910-0153 EA > 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	1,872.87	350.09
15910-0154 EA Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	2,404.93	547.93
15910-0155 EA > 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	2,164.03	410.08

15910-0156 DDC Programmable Controller Assemblies (15910-0106)

Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 15910-0163 for additional components.

15910-0157 EA 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	1,491.48	420.88
15910-0158 EA Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	1,712.86	420.88
15910-0159 EA 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	2,267.33	495.00
15910-0160 EA Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,488.71	495.00
15910-0161 EA 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	4,056.95	579.70
15910-0162 EA Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	4,312.85	579.70

15910-0163 EMCS Optional DDC Controller Hardware (15910-0106)

Note: Used to expand the capacity of DDC programmable controller assemblies.

15910-0164 EA 6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005)	266.20	
Note: For constant volume single zone and heat pump AHUs.		
15910-0165 EA 6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011).....	307.65	
Note: For constant volume single zone and heat pump AHUs.		
15910-0166 EA 3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001)	322.24	
Note: For constant volume single zone and heat pump AHUs.		
15910-0167 EA VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010).....	304.14	
15910-0168 EA VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	308.81	
15910-0169 EA VAV Controller With Externally Wired Subbase (Honeywell W7751F2011).....	301.81	
15910-0170 EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025).....	259.78	
15910-0171 EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	225.92	
15910-0172 EA Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	331.00	
15910-0173 EA Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	295.97	
15910-0174 EA Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002).....	326.91	
15910-0175 EA Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011).....	694.10	
15910-0176 EA Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017).....	863.40	
15910-0177 EA Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002).....	431.41	
15910-0178 EA Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	424.98	
15910-0179 EA Hydronic Controller Without Wall Module (Honeywell W7762B1027)	208.41	
15910-0180 EA Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016).....	237.01	
15910-0181 EA IO Module, 24 VAC Without Overrides (Honeywell XFC3A06001).....	437.83	
15910-0182 EA IO Module, 24 VAC With Overrides (Honeywell XFC3D06001).....	468.18	
15910-0183 EA AI Module (Honeywell XFL521B).....	293.05	
15910-0184 EA AO Module (Honeywell XFL522B).....	293.05	
15910-0185 EA DI Module (Honeywell XFL523B).....	293.05	
15910-0186 EA DO Module (Honeywell XFL524B).....	293.05	
15910-0187 EA Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	51.96	
15910-0188 EA Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	98.07	
15910-0189 EA Distributed IO, Terminal Block For DO Modules (Honeywell XSL514).....	96.32	
15910-0190 EA Lon Analog IO Module, 24V AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	294.80	
15910-0191 EA Lon Hub (Honeywell XIO-HUB).....	43.78	
15910-0192 EA Lon Analog IO, 24V AC/DC, 4 Analog Outputs (Honeywell XIO-4AO).....	294.80	
15910-0193 EA Lon Digital IO, 24V AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	271.45	
15910-0194 EA Lon Digital IO, 24V AC/DC, 4 Digital Outputs (Honeywell XIO-4DO).....	271.45	
15910-0195 EA Lon Analog IO, 24V AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC).....	286.05	
15910-0196 EA Lon Analog IO, 24V AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	286.05	
15910-0197 EA Lon Analog IO, 24V AC/DC, 8 Analog Inputs (Honeywell XIO-8AI).....	411.56	
15910-0198 EA 16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16).....	485.70	
Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.		
15910-0199 EA 34 Point IO Module For Network Area Controllers (Honeywell W7750A2005)	1,032.11	
Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		

15910-0200 EMCS Software (15910-0105)

15910-0201 Software Packages And License (15910-0200)

Note: Includes installation on equipment.

15910-0202 EA On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB).....	329.25	
Note: Requires UI services to be installed on NAC.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0203 EA Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX).....	1,281.24	
Note: Upgrade existing network area controller. As with other WEBS controllers, capacity is limited by the characteristics of the application including size and complexity.		
15910-0204 EA WEBStation-AX Software For Windows (Honeywell WEB-S-AX).....	3,677.75	
Note: Includes Archon database. WEBS controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).		
15910-0205 EA Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS).....	2,189.14	
Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.		
15910-0206 EA Upgrade Small Building To Large Building Software	2,507.16	
Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.		
15910-0207 EA Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W)	1,772.01	
Note: One copy is included with WEB-S-AX and WEBStation-AX.		
15910-0208 EA WEBS Energy Suite (WES) Base Software (Honeywell WES-BASE-AX)	3,140.95	
Note: Includes license for 10 points of E ² Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E ² Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.		
15910-0209 EA Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E ² Profiler Points (Honeywell WES-CP-AX)	429.34	
Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.		
15910-0210 EA Perpetual License For One Point Of E ² Profiler (Honeywell WES-E2-AX).....	292.15	
Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.		
15910-0211 EA Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters	16,920.26	
Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.		
15910-0212 EA Annual Maintenance For Enterprise WEBS-AX Energy Suite (Honeywell WES-M1-ENT-AX).....	15,442.71	
Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.		
15910-0213 EA Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	5,864.55	
15910-0214 EA Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS).....	4,375.94	
15910-0215 EA Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500).....	1,265.03	
15910-0216 EA Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	1,265.03	
15910-0217 EA Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL).....	8,756.55	
Note: Excludes Oracle.		
15910-0218 EA Open System Driver Option (Honeywell WS-SNMP-500).....	1,167.54	
Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.		
15910-0219 EA Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	1,265.03	
15910-0220 EA WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003).....	3,308.22	
Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.		
15910-0221 EA WEBStation Additional Node (Honeywell ZW2000B1002)	1,265.03	
15910-0222 EA WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001).....	21,210.70	
15910-0223 EA WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000).....	38,918.19	
15910-0224 EA WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009).....	68,106.69	
15910-0225 EA Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008).....	3,502.62	
15910-0226 EA Additional Master WEBStation Software Licenses (Honeywell ZW200G1007).....	1,751.31	
15910-0227 EA Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001).....	1,412.41	
15910-0228 EA Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055).....	1,543.94	
Note: As with other WEBS, capacity is limited by the characteristics of the application including size and complexity.		
15910-0229 Initial Database Generation <small>(15910-0200)</small>		
15910-0230 PNT Database Generation For Central Plant.....	47.36	
15910-0231 PNT Database Generation For Programmable Controller	47.36	
Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
15910-0232 EA Database Generation For Application Specific Controller.....	47.36	
Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
15910-0233 EA Replication Of Database Generation For Application Specific Controller	32.96	
Note: Price per copy made.		
15910-0234 EA Database Generation For Remote IO Modules, Sensors, Etcetera	32.96	
15910-0235 Application Software Programs <small>(15910-0200)</small>		
15910-0236 EA Basic Application Program Package	1,976.31	
Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.		
15910-0237 EA Optimum Start/Stop Program.....	66.06	
Note: Priced per controller requiring optimum start programming.		
15910-0238 EA Duty Cycling Program.....	31.20	
15910-0239 EA Hot Deck/Cold Deck Reset Application Program	3,395.24	
15910-0240 EA Boiler Optimization Program	4,449.26	
15910-0241 EA Chiller Optimization Program	6,026.96	
15910-0242 EA Lighting Control Program.....	2,908.38	
15910-0243 EA Demand Limiting Program	57.94	
Note: Priced per controller requiring optimum start programming.		
15910-0244 EA Email Alarm Server Configuration.....	2,243.70	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

15910-0245	Color Graphics Generation <small>(15910-0200)</small>		
	Note: Priced per page.		
15910-0246	EA Single Site Home Page Graphics Page With HTML Navigation Code.....	1,184.24	
15910-0247	EA Multi Site Home Page Graphics Page With HTML Navigation Code.....	2,102.58	
15910-0248	EA Color Graphics Page For Central Plant.....	538.06	
15910-0249	EA Color Graphics Page For Building Floor Plan.....	496.83	
15910-0250	EA Replication Of Color Graphics Page For Central Plant.....	269.91	
15910-0251	EA Color Graphics Page For Programmable Controller.....	605.32	
	Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
15910-0252	EA Replication Of Color Graphics Page For Programmable Controller.....	129.45	
	Note: Priced per copy made.		
15910-0253	EA Color Graphics Page For Application Specific Controller.....	559.86	
	Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
15910-0254	EA Replication Of Color Graphics Page For Application Specific Cont.....	55.98	
	Note: Priced per copy made.		
15910-0255	Sensors, Actuators And Control Devices <small>(15910-0105)</small>		
	Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
15910-0256	Special Sensors <small>(15910-0255)</small>		
15910-0257	EA Dewpoint Sensor (Honeywell C7232B1014).....	1,062.62	43.69
15910-0258	EA Enthalpy Sensor -25 To 125 F.....	1,107.73	43.69
15910-0259	EA Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002).....	532.59	87.38
15910-0260	EA Freezestat (Honeywell L482A1004).....	373.96	145.62
15910-0261	EA Wall Mounted Occupancy Sensor.....	260.30	43.69
15910-0262	EA Ceiling Mounted Occupancy Sensor.....	210.57	43.69
15910-0263	EA I/P Positioner With Gauge.....	247.43	43.69
15910-0264	EA Non Communicating Duct Mounted Smoke Detector With Sampling Tube.....	296.64	43.69
15910-0265	EA EP Transducer.....	247.43	29.15
15910-0266	EA Electric Heat Sequencer.....	396.27	58.23
15910-0267	Meters <small>(15910-0255)</small>		
15910-0268	EA KW/KWh Meter/Current Transformer 208-480V, Up To 2400 Amps.....	2,520.15	349.39
15910-0269	EA KW/KWh Meter/Current Transformer 208-480V, Up To 2400 Amps With LON interface.....	3,678.82	407.61
15910-0270	EA Current Transformer For KW Meter 1-300A.....	898.94	145.62
15910-0271	EA Current Transformer For KW Meter 300-800A.....	1,015.16	145.62
15910-0272	EA Current Transformer For KW Meter 800-2400A.....	1,238.06	145.62
15910-0273	Direct Coupled Actuators <small>(15910-0255)</small>		
15910-0274	EA 44 IN-LB, 2 Position, 120 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002).....	358.35	62.19
15910-0275	EA 88 IN-LB, 2 Position, 120 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200).....	391.09	62.19
15910-0276	EA 175 IN-LB, 2 Position, 120 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209).....	447.39	62.19
15910-0277	EA 44 IN-LB, 2 Position, 24 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008).....	339.19	62.19
15910-0278	EA 88 IN-LB, 2 Position, 24 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206).....	374.40	62.19
15910-0279	EA 175 IN-LB, 2 Position, 24 VAC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205).....	409.28	62.19
15910-0280	EA 44 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Spring Return Direct Coupled Damper Actuator.....	376.33	62.19
15910-0281	EA 88 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206).....	426.54	62.19
15910-0282	EA 175 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205).....	480.74	62.19
15910-0283	EA 44 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209).....	313.07	62.19
15910-0284	EA 88 IN-LB, 24 VAC, 4-20mA, 0-10 VDC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209).....	339.80	62.19
15910-0285	EA 175 IN-LB, 24 VAC, 4-20mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200).....	393.52	62.19
15910-0286	EA 175 IN-LB, 24 VAC, 4-20mA, 0-10 VDC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007).....	418.80	62.19
15910-0287	EA 300 IN-LB, 24 VAC, 4-20mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030).....	418.49	62.19
15910-0288	EA 300 IN-LB, 24 VAC, 4-20mA, 0-10 VDC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008).....	487.82	62.19
15910-0289	EA Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018).....	324.03	62.19
15910-0290	EA Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368).....	553.98	62.19
15910-0291	EA Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator.....	248.33	62.19
15910-0292	EA Direct Coupled Damper Actuator Enclosure For Outdoor Use.....	371.22	62.19
15910-0293	Thermostats <small>(15910-0105)</small>		
15910-0294	Electric And Electronic Thermostats <small>(15910-0293)</small>		
	Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
15910-0295	EA Line Voltage 120V Heat/Cool Thermostat (Honeywell T651A3018).....	137.52	52.94
15910-0296	EA Electronic Non-Programmable Heat/Cool Fan Coil Unit Thermostat (Honeywell T8575D).....	157.81	52.94
15910-0297	EA Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320).....	142.16	52.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0298 EA Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	151.58	52.94
15910-0299 EA Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	249.69	52.94
15910-0300 EA Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350D)	413.46	52.94
15910-0301 EA Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	510.56	70.58
15910-0302 EA Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	540.33	70.58
15910-0303 Pneumatic Thermostats <small>(15910-0293)</small>		
Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
15910-0304 EA Pneumatic Thermostat (Honeywell TP970B2182)	185.17	42.35
15910-0305 Thermostats Guards <small>(15910-0293)</small>		
15910-0306 EA 9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	105.66	35.29
15910-0307 EA 7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	101.55	35.29
15910-0308 EA 5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	98.80	35.29
15910-0309 Delta Controls <small>(15910)</small>		
15910-0310 Software <small>(15910-0309)</small>		
Note: Excludes programming, set-up and commissioning of application.		
15910-0311 EA Orca Software Unlimited Points License (Delta Controls DOW333-USB)	1,190.37	
15910-0312 EA Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	1,940.58	
15910-0313 EA Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	4,204.59	
15910-0314 EA Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	6,688.68	
15910-0315 EA Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	3,454.38	
15910-0316 EA Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	1,190.37	
15910-0317 EA 100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	2,807.52	
15910-0318 EA 1000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	3,454.38	
15910-0319 EA KW Meter With H8163-2400-4-3 Series, With 3, 2400A CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	1,259.09	70.58
15910-0320 EA Delta Controls Touch Screen (Delta Controls DHMI-7-I)	1,321.95	
15910-0321 EMCS Central Equipment And Controllers <small>(15910-0309)</small>		
15910-0322 EA Fully Programmable, Native BACnet Building Controller, 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 bps, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E + DFM1616)	4,576.03	282.33
15910-0323 EA Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 Bps (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	3,541.05	282.33
15910-0324 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	2,679.11	282.33
15910-0325 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	2,679.11	282.33
15910-0326 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	2,679.11	282.33
15910-0327 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	2,521.49	282.33
15910-0328 EA VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	850.90	141.17
15910-0329 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 VAC), 3 Binary Relay Outputs For Fan Speed Control, 240 VAC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	781.36	141.17
15910-0330 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	827.50	141.17
15910-0331 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 VAC), 3 Binary Relay Outputs For Fan Speed Control, 240 VAC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	781.36	141.17
15910-0332 EA Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	1,740.81	176.46

15000 Mechanical
15900 Controls And Instrumentation
15910 Energy Monitoring and Control Systems



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0333	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	451.89	70.58
15910-0334	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	481.21	70.58
15910-0335	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	557.25	70.58
15910-0336		Network, VAV And Special Sensors <small>(15910-0309)</small>		
15910-0337	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	143.75	22.58
15910-0338	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	192.89	25.41
15910-0339	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	389.43	31.05
15910-0340		Trane Controls <small>(15910)</small>		
15910-0341		Software <small>(15910-0340)</small>		
		Note: Excludes programming, set-up and commissioning of application.		
15910-0342	EA	Summit + Building Management Package (Trane 40201152)	1,861.86	
15910-0343	EA	Summit Current Version Software (Trane 40201111)	1,543.77	
15910-0344	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	352.05	
15910-0345	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	1,402.65	
15910-0346	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	4,806.59	
15910-0347		EMCS Central Equipment And Controllers <small>(15910-0340)</small>		
15910-0348	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	3,123.88	282.33
15910-0349	EA	Summit BTMX Retrofit Kit For BMTS And BTMW BCU (Trane 49500531)	5,979.93	282.33
15910-0350	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	5,979.93	282.33
15910-0351	EA	Summit BTMX/120V (Trane BMTX-001-A-A-B0-00)	5,979.93	282.33
15910-0352	EA	Summit BTMX/120V With Display (Trane BMTX-001-A-A-B0-10)	6,845.16	282.33
15910-0353	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	75.11	17.65
15910-0354	EA	Summit Comm5 Repeater (Trane 49500457)	857.09	141.17
15910-0355	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	1,373.34	176.46
15910-0356	EA	AHU Controller MP581 120 VAC With Enclosure And Display (Trane BMTM000AAC01)	1,742.78	211.75
15910-0357	EA	AHU Controller MP581 120 VAC With Enclosure, No Display (Trane BMTM000AAC00)	1,426.58	211.75
15910-0358	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	1,280.17	211.75
15910-0359	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	1,334.51	211.75
15910-0360	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	530.24	70.58
15910-0361	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	491.00	70.58
15910-0362	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	903.13	141.17
15910-0363	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	870.68	141.17
15910-0364	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	476.28	70.58
15910-0365	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	437.04	70.58
15910-0366	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	541.18	70.58
15910-0367	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	501.94	70.58
15910-0368	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	501.94	70.58
15910-0369	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	501.94	70.58
15910-0370	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	529.86	70.58
15910-0371	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	490.62	70.58
15910-0372	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	879.73	141.17
15910-0373	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	917.47	141.17
15910-0374		Network, VAV And Special Sensors <small>(15910-0340)</small>		
15910-0375	EA	Digital Display Zone Sensor (Trane X13790464010)	111.56	22.58
15910-0376	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	80.24	22.58
15910-0377	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	74.96	22.58
15910-0378	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	135.59	25.41
15910-0379	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	135.71	22.58
15910-0380	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	121.75	22.58
15910-0381	EA	Duct CO2 Sensor, 0 To 2000 ppm (Trane X13790423010)	423.12	40.66
15910-0382	EA	Room CO2 Sensor, 0 To 2000 ppm (Trane X13790422010)	335.70	22.58
15910-0383	EA	Transformer 120/24 40 VA (Trane X13550284010)	72.32	22.58
15910-0384	EA	Transformer 24 VAC Wall Plug-In (Trane 35803005)	70.05	22.58
15910-0385	EA	Transformer UL Listed 120 VAC, 40 VA (Trane 35812022)	67.04	22.58
15910-0386		Johnson Controls <small>(15910)</small>		
15910-0387		Software <small>(15910-0386)</small>		
		Note: Excludes programming, set-up and commissioning of application.		
15910-0388	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	9,414.61	
15910-0389	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	11,127.81	
15910-0390	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	582.30	
15910-0391	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	864.64	
15910-0392	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	1,505.13	
15910-0393	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	587.09	
15910-0394		Supervisory Controllers <small>(15910-0386)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0395 EA NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	4,468.73	282.33
15910-0396 EA NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	6,728.15	282.33
15910-0397 EA NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	8,992.58	282.33
15910-0398 EA NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	3,598.41	282.33
15910-0399 Controllers <small>(15910-0386)</small>		
15910-0400 EA 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 VAC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	522.43	70.58
15910-0401 EA 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 VAC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0).....	955.41	141.17
15910-0402 EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0).....	910.41	141.17
15910-0403 EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	1,061.06	141.17
15910-0404 EA BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	436.00	70.58
15910-0405 EA BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	474.41	70.58
15910-0406 EA BACnet MS/TP 12 Point I/O Module With 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	532.04	70.58
15910-0407 EA 17 Point I/O Module With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 VAC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0).....	539.72	70.58
15910-0408 EA BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (Cooling Only), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1610-0).....	517.52	70.58
15910-0409 EA BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (With Reheat And Fan Control), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1620-0).....	539.92	70.58
15910-0410 EA BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	1,100.26	141.17
15910-0411 VAV, Network And Special Sensors <small>(15910-0386)</small>		
15910-0412 EA 3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0).....	295.88	22.58
15910-0413 EA 3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0).....	105.38	22.58
15910-0414 EA 3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0).....	231.16	22.58
15910-0415 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0).....	341.01	22.58
15910-0416 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0).....	119.64	22.58
15910-0417 EA 3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2000 ppm (Johnson Controls NS-BCN7004-0).....	310.04	22.58
15910-0418 Sensors - Hard Wired Type <small>(15910-0386)</small>		
15910-0419 EA Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00).....	110.23	40.66
15910-0420 EA Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0).....	89.07	22.58
15910-0421 EA BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2)..... Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	232.42	22.58
15910-0422 EA BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2)..... Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control, and dehumidification capability.	311.27	22.58
15910-0423 EA BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2)..... Note: For VVT systems.	232.86	22.58
15910-0424 EA BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2).....	303.00	22.58
15910-0425 EA BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR).....	371.24	22.58
15910-0426 Cypress Envirosystems Controls <small>(15910)</small>		
15910-0427 Wireless Pneumatic Thermostat <small>(15910-0426)</small>		
Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.		
15910-0428 EA Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP).....	539.05	7.06
Note: One for every thermostat to be retrofitted.		
15MOD-0708 For > 50 To 200, Deduct	-28.66	
15MOD-0709 For > 200, Deduct	-57.28	
15910-0429 EA Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP).....	539.05	7.06
Note: One for every thermostat to be retrofitted.		
15MOD-0708 For > 50 To 200, Deduct	-28.66	
15MOD-0709 For > 200, Deduct	-57.28	
15910-0430 EA Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP).....	539.05	7.06
Note: One for every thermostat to be retrofitted.		
15MOD-0708 For > 50 To 200, Deduct	-28.66	
15MOD-0709 For > 200, Deduct	-57.28	

15000 Mechanical
15900 Controls And Instrumentation
15910 Energy Monitoring and Control Systems



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0431	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP) Note: One for every thermostat to be retrofitted.	539.05	7.06
		15MOD-0708 For > 50 To 200, Deduct	-28.66	
		15MOD-0709 For > 200, Deduct	-57.28	
15910-0432	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB) Note: One for every thermostat to be retrofitted.	615.82	7.06
		15MOD-0708 For > 50 To 200, Deduct	-32.93	
		15MOD-0709 For > 200, Deduct	-65.81	
15910-0433	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB) Note: One for every thermostat to be retrofitted.	615.82	7.06
		15MOD-0708 For > 50 To 200, Deduct	-32.93	
		15MOD-0709 For > 200, Deduct	-65.81	
15910-0434	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted.	615.82	7.06
		15MOD-0708 For > 50 To 200, Deduct	-32.93	
		15MOD-0709 For > 200, Deduct	-65.81	
15910-0435	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB) Note: One for every thermostat to be retrofitted.	615.82	7.06
		15MOD-0708 For > 50 To 200, Deduct	-32.93	
		15MOD-0709 For > 200, Deduct	-65.81	
15910-0436	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover.	39.97	7.06
		15MOD-0708 For > 50 To 200, Deduct	-1.83	
		15MOD-0709 For > 200, Deduct	-3.66	
15910-0437	EA	Green Box Controller (Cypress Envirosystems GBC-800-001) Note: One unit for up to 100 thermostats.	3,214.53	7.06
		15MOD-0710 For 2, Deduct	-163.03	
		15MOD-0711 For > 2, Deduct	-325.77	
15910-0438	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats.	373.36	7.06
		15MOD-0710 For 2, Deduct	-20.37	
		15MOD-0711 For > 2, Deduct	-40.70	
15910-0439	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	419.19	7.06
		15MOD-0712 For > 5 To 10, Deduct	-21.34	
		15MOD-0713 For > 10, Deduct	-42.65	
15910-0440	EA	24V WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	517.00	7.06
		15MOD-0712 For > 5 To 10, Deduct	-24.82	
		15MOD-0713 For > 10, Deduct	-49.60	
15910-0441		Siemens Controls <small>(15910)</small>		
15910-0442		Siemens, Landis-Staefa Controller <small>(15910-0441)</small>		
15910-0443	EA	Siemens, Landis-Staefa MS-2000 System Note: One unit for up to 15 thermostats.	4,933.30	
15910-0444		Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators <small>(15910)</small>		
15910-0445		Temperature Sensors <small>(15910-0444)</small>		
15910-0446	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24).....	121.54	40.66
15910-0447	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO).....	142.26	40.66
15910-0448	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG).....	123.41	40.66
15910-0449	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH).....	124.11	40.66
15910-0450	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18).....	160.74	40.66
15910-0451	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6).....	131.38	40.66
15910-0452	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP).....	124.71	40.66
15910-0453	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4).....	138.07	40.66
15910-0454	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW).....	134.80	40.66
15910-0455	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24).....	173.12	56.47
15910-0456	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25).....	180.14	56.47
15910-0457	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF).....	72.33	22.58
15910-0458	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R).....	74.42	22.58
15910-0459	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP).....	74.42	22.58
15910-0460	EA	5" Immersion 20K Ohm Water Temp Sensor Note: Honeywell C7041D2001.	90.97	43.69
15910-0461	EA	Strap-On 20K Ohm Water Temp Sensor Note: Honeywell C7041D2001.	218.84	43.69
15910-0462		Relative Humidity Sensors <small>(15910-0444)</small>		
15910-0463	EA	3% Duct Mounted RH Sensor (Kele HD30K).....	261.19	40.66
15910-0464	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3).....	269.46	40.66
15910-0465	EA	3% RH Outdoor Air Sensor (Kele HO30K).....	307.92	56.47
15910-0466	EA	2% Surface Mounted RH Transmitter (Kele HW20K).....	221.74	22.58
15910-0467		Pressure Sensors <small>(15910-0444)</small>		
15910-0468	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To .5" W.C. (Kele T30-005).....	327.27	47.69



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0469	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To 5" W.C. (Kele T30-050).....	301.07	47.69
15910-0470	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C. (Kele AFS-222)	144.78	47.69
15910-0471	EA	Adjustable Differential Pressure Switches, .05 To 2" W.C. (Kele AFS-262)	146.07	47.69
15910-0472	EA	Manual Reset Adjustable Differential Pressure Switches, .4 To 2" W.C. (Kele AFS-460)	155.38	47.69
15910-0473	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C., 1/8" NPT (Kele AFS-145)	143.93	47.69
15910-0474	EA	Water Differential Pressure Transmitter, 0 To 100psid, Bypass Valve Assembly Option (Kele 360C-P210D-BVA)	1,266.33	47.69
		Note: Excludes pipe fittings.		
15910-0475	EA	Water Differential Pressure Transmitter, 0 To 60psid, Bypass Valve Assembly Option (Kele 360C-P160D-BVA)	1,266.33	47.69
		Note: Excludes pipe fittings.		
15910-0476	EA	Magnahelic Gauge.....	371.22	29.15
15910-0477		Water Flow Meters (15910-0444)		
15910-0478	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500)	2,296.54	59.58
		Note: Excludes pipe fittings.		
15910-0479	EA	Dual Turbine Insertion Flow Meter With Analog Output (Onicon F-1210).....	134.17	19.86
		Note: Excludes pipe fittings.		
15910-0480		Air Flow Monitoring Stations (15910-0444)		
15910-0481	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116)	1,829.99	72.37
		Note: 10' cable, 36" x 24" typical duct size.		
15910-0482	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)	2,604.50	72.37
		Note: 10' cable, 48" x 36" typical duct size.		
15910-0483	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)	3,228.93	72.37
		Note: 10' cable, 60" x 48" typical duct size.		
15910-0484		Gas Sensors (15910-0444)		
15910-0485	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2000 ppm (Kele WCO-1B).....	959.59	33.87
15910-0486	EA	Wall Mounted CO2 Sensor, 0-2000 ppm With LCD Display (Kele CD-AW-LCD)	357.29	22.58
15910-0487	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2).....	766.72	33.87
		Note: Solid state sensor.		
15910-0488	EA	CO2 Transmitter, Duct Mount, No Display, 0-10VDC Out, 24 VAC/VDC, 0-10 Or 4-20mA, 0-2000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD).....	429.37	40.66
15910-0489		Current Switches And Current Sensors (15910-0444)		
15910-0490	EA	Current Sensor, 0-20A, 0-5 VDC (Senva C-1203)	70.27	22.58
15910-0491	EA	Current Sensor, 0-20A, 4-20mA (Senva C-1205)	71.99	22.58
15910-0492	EA	VFD Current Switch, 0.5-135A Range, Split Core (Senva C-2350VFD-L).....	90.11	22.58
15910-0493	EA	Current Switch, 0.15-100A Range, Split Core With NC Command Relay (Senva C-2300 And CR4-24).....	75.44	22.58
15910-0494	EA	DC Current Sensor, Split Core, 0-50/100/200A (Selectable), 4-20mA, 0-5VDC (Veris H970HCA)	133.55	22.58
15910-0495	EA	DC Current Sensor, Split Core, 0-20/40/80A (Selectable), 0-20mA, 0-5VDC (Veris H970LCC).....	133.55	22.58
15910-0496	EA	Current Switch, 1-135A, N.O. Contact 1A @ 110V (Veris H709).....	91.33	22.58
15910-0497	EA	Current Switch, 0-10/20/40A, 4-20mA Analog Output, Solid Core, Loop Powered (Veris H721).....	98.96	22.58
15910-0498	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC).....	2,524.78	112.94
15910-0499	EA	Power Transducer, Modbus RTU, 100A (Veris H8035-0100-2).....	393.71	22.58
		Note: 3 phase networked transducer.		
15910-0500	EA	Energy Meter, Three Current Switches, Pulse Output, Phase Loss Alarm Output, 2400A (Veris H8163-2400-4-3).....	581.91	22.58
15910-0501	EA	Current Transducer, 0-20A, 0-5VDC (Kele 4CTV).....	131.23	22.58
15910-0502	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	178.67	59.99
15910-0503	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900).....	184.98	59.99
15910-0504	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	192.20	59.99
15910-0505	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	201.22	59.99
15910-0506	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	222.88	59.99
15910-0507	EA	Toggle Switch	76.90	28.23
15910-0508	EA	Maintained Pushbutton Switch.....	80.96	28.23
15910-0509	EA	Manual Time Switch	119.30	28.23
15910-0510	EA	Emergency Stop Switch.....	187.86	28.23
15910-0511	EA	Float Switch	198.91	28.23
15910-0512	EA	Break Glass Switch	590.67	28.23
15910-0513	EA	Boiler E-Stop Switch.....	399.61	28.23
15910-0514		Relays (15910-0444)		
15910-0515	EA	DPDT, 24VAC, Blade, Standard Relay (Kele RH2B-UAC24V).....	65.09	22.58
15910-0516	EA	SPDT, 24VAC/VDC, 120VAC Multi-Voltage Relay Module (Kele PAM-1).....	72.93	22.58
15910-0517	EA	SPDT, 24VAC/VDC, 120VAC Power Relay (Kele RIB2401B).....	94.82	28.23
		Note: Box type.		
15910-0518	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	116.49	22.58
15910-0519	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	62.07	22.58
15910-0520	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05).....	60.98	22.58
15910-0521	EA	SPDT, 24VAC, Blade, Standard Relay (Kele RH1B-UAC24V)	64.82	22.58
15910-0522	EA	DPDT, 24VAC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V).....	67.38	22.58
15910-0523	EA	SPDT, 24VAC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V).....	67.10	22.58
15910-0524	EA	SPDT Pilot Relay, Universal (Kele RIBU1C).....	86.92	28.23
		Note: Box type.		
15910-0525	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S)	94.00	28.23
		Note: Box type.		
15910-0526	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	186.96	28.23



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0527 EA SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer	221.46	28.23
15910-0528 Surge Protectors (15910-0444)		
15910-0529 EA Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	154.69	5.65
15910-0530 EA Surge Protector, 1AC Outlet (Transtector TR2251)	117.61	5.65
15910-0531 EA Surge Protector, 2 AC Outlets (Transtector TR2254)	181.43	5.65
15910-0532 EA Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	99.50	5.65
15910-0533 EA Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	99.50	5.65
15910-0534 EA Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	99.50	5.65
15910-0535 EA Surge Protector, Individual Wire Connection (Transtector TR2258)	142.62	5.65
15910-0536 EA Surge Protector, Trane Communication Links (Transtector TR2257)	89.15	5.65
15910-0537 Transformers (15910-0444)		
15910-0538 EA 50VA, 120/240/277/480-24 VAC, CB Foot And Single Hub Control Transformer (Veris X050CBA).....	79.46	22.58
15910-0539 EA 75VA, 120-24 VAC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	85.76	22.58
15910-0540 EA 75VA, 120/208/240/480-24 VAC, CB Foot And Single Hub Control Transformer (Veris X075CBA).....	88.57	22.58
15910-0541 EA 100VA, 120-24 VAC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	91.51	22.58
15910-0542 EA 100VA, 120/240/277/480-24 VAC, CB Foot And Single Hub Control Transformer (Veris X100CBA).....	98.73	22.58
15910-0543 Power Supplies (15910-0444)		
15910-0544 EA Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA).....	101.38	22.58
15910-0545 EA AC/DC Power Supply, 1.2A @ 24V Output (Kele DCPA-1.2)	118.66	22.58
15910-0546 EA DC Power Supply, 5VDC And 24VDC Output (Kele DCP-524)	108.99	22.58
15910-0547 EA DC Power Supply, 24VDC, DIN Rail Mounted (Kele DCP-250-D)	112.53	22.58
15910-0548 EA DC Power Supply, 24VDC, Hub Mounted (Kele DCP-250-H)	112.53	22.58
15910-0549 EA DC Power Supply, 24VDC, Panel Mounted (Kele DCP-250-P)	112.53	22.58
15910-0550 EA DC Power Supply, 24 VAC In To Custom DC Out (At 1.5A) (Kele DCP-1.5-W-C)	91.69	22.58
15910-0551 Actuators (15910-0444)		
15910-0552 EA 44 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Non-Spring Return Direct Coupled Damper (Belimo LMB24-SR)	328.06	62.28
15910-0553 EA 90 IN-LB, 24 VAC/DC, 4-20mA, 2-10 VDC, Proportional Control, Non-Spring Return Direct Coupled Damper (Belimo NMB24-SR)	343.45	62.28
15910-0554 EA 90 IN-LB, 2 Position, 24 To 240 VAC Spring Return Direct Coupled Damper Actuator (Belimo NFBUP).....	395.07	62.28
15910-0555 EA 175 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Non-Spring Return Direct Coupled Damper (Belimo AMB24-SR)	405.03	62.28
15910-0556 EA 90 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Spring Return Direct Coupled Damper (Belimo NFB24-SR)	428.58	62.28
15910-0557 EA 360 IN-LB, 24 VAC, 4-20mA, 2-10 VDC, Proportional Control, Non-Spring Return Direct Coupled Damper (Belimo GMB24-SR)	463.90	62.28
15910-0558 Valves With Actuator (15910-0444)		
15910-0559 EA 1/2" 2-Way Bronze Globe Valve (Belimo G215+NV24-MFT US)	354.12	8.70
15910-0560 EA 3/4" 2-Way Bronze Globe Valve (Belimo G220+NV24-MFT US)	367.11	11.73
15910-0561 EA 1" 2-Way Bronze Globe Valve (Belimo B225+NV24-MFT US)	402.27	14.20
15910-0562 EA 1-1/4" 2-Way Bronze Globe Valve (Belimo B232+NV24-MFT US)	439.81	17.98
15910-0563 EA 1-1/2" 2-Way Bronze Globe Valve (Belimo G240+NV24-MFT US)	501.07	20.75
15910-0564 EA 2" 2-Way Bronze Globe Valve (Belimo G250+NV24-MFT US)	566.65	24.53
15910-0565 EA 2-1/2" 2-Way Bronze Globe Valve (Belimo G665+GMX24-MFTX1)	1,060.85	49.05
15910-0566 EA 3" 2-Way Bronze Globe Valve (Belimo G680+GMX24-MFTX1)	1,151.45	57.40
15910-0567 EA 4" 2-Way Bronze Globe Valve (Belimo G6100C+GMX24-MFTX1)	1,556.50	84.31
15910-0568 EA 5" 2-Way Bronze Globe Valve (Belimo G6125C+GMX24-MFTX1)	2,288.78	121.84
15910-0569 EA 6" 2-Way Bronze Globe Valve (Belimo G6150C+GMX24-MFTX1)	2,535.13	134.89
15910-0570 EA 1/2" 3-Way Bronze Globe Valve (Belimo G315+NV24-MFT US)	382.20	13.05
15910-0571 EA 3/4" 3-Way Bronze Globe Valve (Belimo G320+NV24-MFT US)	395.36	17.59
15910-0572 EA 1" 3-Way Bronze Globe Valve (Belimo G325+NV24-MFT US)	429.08	21.30
15910-0573 EA 1-1/4" 3-Way Bronze Globe Valve (Belimo G332+NV24-MFT US)	476.78	26.98
15910-0574 EA 1-1/2" 3-Way Bronze Globe Valve (Belimo G340+NV24-MFT US)	611.22	31.13
15910-0575 EA 2" 3-Way Bronze Globe Valve (Belimo G350+NV24-MFT US)	678.80	36.79
15910-0576 EA 2-1/2" 3-Way Bronze Globe Valve (Belimo G765+GMX24-MFTX1)	1,201.84	73.58
15910-0577 EA 3" 3-Way Bronze Globe Valve (Belimo G780+GMX24-MFTX1)	1,322.80	86.10
15910-0578 EA 4" 3-Way Bronze Globe Valve (Belimo G7100+2"GMX24-MFTX1)	1,939.46	126.46
15910-0579 EA 5" 3-Way Bronze Globe Valve (Belimo G7125+2"GMX24-MFTX1)	2,792.45	182.76
15910-0580 EA 6" 3-Way Bronze Globe Valve (Belimo G7150+2"GMX24-MFTX1)	3,104.04	202.34
15910-0581 EA 1/2" 2-Way Brass Zone Valve (Belimo ZONE215N-35+ZONE24NC)	95.11	8.70
15910-0582 EA 3/4" 2-Way Brass Zone Valve (Belimo ZONE220N-50+ZONE24NC)	109.92	11.73
15910-0583 EA 1" 2-Way Brass Zone Valve (Belimo ZONE225N-80+ZONE24NC)	139.64	14.20
15910-0584 EA 1/2" 3-Way Brass Zone Valve (Belimo ZONE315N-35+ZONE24NC)	113.24	13.05
15910-0585 EA 3/4" 3-Way Brass Zone Valve (Belimo ZONE320N-50+ZONE24NC)	130.93	17.59
15910-0586 EA 1" 3-Way Brass Zone Valve (Belimo ZONE325N-80+ZONE24NC)	164.64	21.30
15910-0587 EA 1/2" 2-Way Brass Ball Valve (Belimo B215B+LRB24-3)	132.24	8.70
15910-0588 EA 3/4" 2-Way Brass Ball Valve (Belimo B220B+LRB24-3)	157.01	11.73
15910-0589 EA 1" 2-Way Brass Ball Valve (Belimo B225+LRB24-3)	177.68	14.20
15910-0590 EA 1-1/4" 2-Way Brass Ball Valve (Belimo B232+ARB24-3)	231.52	17.98
15910-0591 EA 1-1/2" 2-Way Brass Ball Valve (Belimo B240+ARB24-3)	239.35	20.75



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15910-0592	EA	2" 2-Way Brass Ball Valve (Belimo B250+ARB24-3).....	304.93	24.53
15910-0593	EA	2-1/2" 2-Way Brass Ball Valve (Belimo B265+ARB24-3).....	656.04	49.05
15910-0594	EA	3" 2-Way Brass Ball Valve (Belimo B280+ARB24-3).....	770.19	57.40
15910-0595	EA	1/2" 3-Way Brass Ball Valve (Belimo B315B+LRB24-3).....	160.33	13.05
15910-0596	EA	3/4" 3-Way Brass Ball Valve (Belimo B320B+LRB24-3).....	184.36	17.59
15910-0597	EA	1" 3-Way Brass Ball Valve (Belimo B325+LRB24-3).....	237.99	21.30
15910-0598	EA	1-1/4" 3-Way Brass Ball Valve (Belimo B331+ARB24-3).....	339.13	26.98
15910-0599	EA	1-1/2" 3-Way Brass Ball Valve (Belimo B341+ARB24-3).....	356.75	31.13
15910-0600	EA	2" 3-Way Brass Ball Valve (Belimo B352+ARB24-3).....	469.61	36.79
15910-0601	EA	2" 2-Way Butterfly Valve (Belimo F650HD+AMB24-3X1).....	387.71	44.97
15910-0602	EA	2-1/2" 2-Way Butterfly Valve (Belimo F665HD+AMB24-3X1).....	406.09	49.05
15910-0603	EA	3" 2-Way Butterfly Valve (Belimo F680HD+GMB24-3X1).....	534.73	57.40
15910-0604	EA	4" 2-Way Butterfly Valve (Belimo F6100HD+2"GMB24-3X1).....	844.92	96.35
15910-0605	EA	5" 2-Way Butterfly Valve (Belimo F6125HD+SY2-24).....	1,614.10	121.84
15910-0606	EA	6" 2-Way Butterfly Valve (Belimo F6150HD+SY3-24).....	1,744.54	134.89
15910-0607	EA	8" 2-Way Butterfly Valve (Belimo F6200HD+SY4-24).....	2,428.45	154.17
15910-0608	EA	10" 2-Way Butterfly Valve (Belimo F6250HD+SY4-24).....	2,978.85	188.86
15910-0609	EA	12" 2-Way Butterfly Valve (Belimo F6300HS+SY4-24).....	3,606.96	228.91
15910-0610	EA	14" 2-Way Butterfly Valve (Belimo F6350HD+SY5-24).....	4,005.28	269.79
15910-0611	EA	16" 2-Way Butterfly Valve (Belimo F6400HD+SY6-110).....	5,307.98	296.77
15910-0612	EA	18" 2-Way Butterfly Valve (Belimo F6450HD+SY8-110).....	6,438.05	329.68
15910-0613	EA	2" 3-Way Butterfly Valve (Belimo F750HD+AMB24-3X1).....	718.32	67.45
15910-0614	EA	2-1/2" 3-Way Butterfly Valve (Belimo F765HD+GMB24-3X1).....	846.84	73.58
15910-0615	EA	3" 3-Way Butterfly Valve (Belimo F780HD+2"GMB24-3X1).....	1,046.59	86.10
15910-0616	EA	4" 3-Way Butterfly Valve (Belimo F7100HD+2"GMB24-3X1).....	1,392.80	144.52
15910-0617	EA	5" 3-Way Butterfly Valve (Belimo F7125HD+SY3-24).....	2,595.94	182.76
15910-0618	EA	6" 3-Way Butterfly Valve (Belimo F7150HD+SY3-24).....	2,971.82	202.34
15910-0619	EA	8" 3-Way Butterfly Valve (Belimo F7200HD+SY4-24).....	3,676.25	231.27
15910-0620	EA	10" 3-Way Butterfly Valve (Belimo F7250HD+SY4-24).....	4,872.17	283.28
15910-0621	EA	12" 3-Way Butterfly Valve (Belimo F7300HD+SY5-24).....	4,560.53	343.37
15910-0622	EA	14" 3-Way Butterfly Valve (Belimo F7350HD+SY6-110).....	5,725.38	404.68
15910-0623	EA	16" 3-Way Butterfly Valve (Belimo F7400HD+SY7-110).....	10,431.54	445.15
15910-0624	EA	18" 3-Way Butterfly Valve (Belimo F7450HD+SY8-110).....	15,605.53	494.53

15910-0625 Rectangular Control Dampers (15910-0444)

Note: Excludes actuators.

15910-0626	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012).....	130.80	28.27
15910-0627	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016).....	171.38	37.69
15910-0628	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020).....	212.87	47.11
15910-0629	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024).....	254.35	56.54
15910-0630	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032).....	323.47	65.96
15910-0631	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048).....	469.55	75.39
15910-0632	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060).....	835.69	84.81
15910-0633	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072).....	1,055.12	94.24

15910-0634 Round Control Dampers (15910-0444)

Note: Excludes actuators.

15910-0635	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06).....	106.80	28.27
15910-0636	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08).....	108.61	28.27
15910-0637	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10).....	110.88	28.27
15910-0638	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12).....	115.86	28.27
15910-0639	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14).....	130.80	28.27
15910-0640	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16).....	151.46	37.69

15915 Control Air Compressor And Dryer (15900)

15915-0001 Air Cooled Service Air Compressor, 208 Volt (15915)

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer. See CSI section 15915-0045 for compressed air dryers.

15915-0002 Single Stage Compressor (15915-0001)

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

15915-0003	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,248.39	223.01
15915-0004	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,317.95	257.39
15915-0005	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,509.66	303.96
15915-0006	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,713.84	335.40
15915-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	2,065.13	354.25
15915-0008	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure.....	2,199.98	366.82
15915-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure.....	2,474.55	419.24
15915-0010	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	2,651.24	444.39
15915-0011	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	3,164.18	503.09

15915-0012 Two Stage Compressor (15915-0001)

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

15915-0013	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure.....	2,367.74	391.97
15915-0014	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure.....	2,564.37	461.17
15915-0015	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure.....	2,692.18	503.09

15000 Mechanical
15900 Controls And Instrumentation
15915 Control Air Compressor And Dryer



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15915-0016 EA 5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	3,127.91	670.79
15915-0017 EA 5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	3,342.91	670.79
15915-0018 EA 7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	3,655.10	838.49
15915-0019 EA 7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	3,850.10	838.49
15915-0020 EA 10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	4,921.38	1,037.11
15915-0021 EA 10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	5,303.36	1,068.53
15915-0022 EA 15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	5,723.28	1,248.80
15915-0023 EA 20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	8,366.39	1,413.61
15915-0024 EA 25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	9,031.39	1,597.34
15915-0025 EA 30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	10,057.41	1,765.41
15915-0026 EA 30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	10,949.22	1,934.81
15915-0027 Rotary Screw Air Compressor, Base Mounted Without Receiver (15915-0001)		
Note: Oil flooded		
15915-0028 EA 3 HP, 8.5 SCFM Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	3,947.37	538.22
15915-0029 EA 5 HP, 16.6 SCFM Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	4,462.15	717.64
15915-0030 EA 7.5 HP, 27 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	5,709.94	899.75
15915-0031 EA 10 HP, 37 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	6,667.63	1,146.60
15915-0032 EA 15 HP, 56 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	7,634.40	1,348.94
15915-0033 EA 20 HP, 79 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	9,211.18	1,517.57
15915-0034 EA 25 HP, 114 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	10,110.98	1,686.18
15915-0035 EA 30 HP, 137 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	12,079.77	1,888.52
15915-0036 EA 40 HP, 183 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	13,253.10	2,023.41
15915-0037 EA 50 HP, 214 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,833.22	2,180.56
15915-0038 EA 60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	19,046.32	2,360.66
15915-0039 EA 75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	21,074.64	2,495.55
15915-0040 EA 100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	33,214.89	2,697.89
15915-0041 EA 125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	41,226.02	2,917.10
15915-0042 EA 150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	47,770.34	3,139.66
15915-0043 EA 220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	61,808.84	3,372.36
15915-0044 EA 250 HP, 1000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	70,111.78	3,588.19
15915-0045 Refrigerated Air Dryers With Ambient Air Filters (15915)		
15915-0046 EA 3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	463.17	56.57
15915-0047 EA 5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	526.28	58.14
15915-0048 EA 7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	669.37	59.71
15915-0049 EA 10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	778.71	62.85
15915-0050 EA 15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	866.38	70.71
15915-0051 EA 20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	961.99	80.45
15915-0052 EA 30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,362.26	102.14
15915-0053 EA 40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,532.59	119.42
15915-0054 EA 50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,665.95	127.60
15915-0055 EA 60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,810.85	141.42
15915-0056 EA 75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,039.27	157.14
15915-0057 EA 85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,269.70	172.85
15915-0058 EA 100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,389.80	191.71
15915-0059 EA 125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,785.56	204.27
15915-0060 EA 175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,353.27	212.13
15915-0061 EA 200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,957.98	220.00
15915-0062 EA 250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,397.30	227.85
15915-0063 EA 300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,787.41	235.71
15915-0064 EA 400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,348.84	251.42
15915-0065 EA 500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	6,253.55	314.27
15915-0066 EA 600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	7,907.26	377.13
15915-0067 EA 800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	8,810.97	439.98
15915-0068 EA 1000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,365.68	502.84
15915-0069 Oil And Water Separator For Air Compressor (15915)		
15915-0070 EA 0-60 SCFM Oil/Water Separator	465.27	21.59
15915-0071 EA 85 SCFM Oil/Water Separator	572.59	25.29
15915-0072 EA 190 SCFM Oil/Water Separator	669.33	28.67
15915-0073 EA 245 SCFM Oil/Water Separator	840.45	33.72
15915-0074 EA 320 SCFM Oil/Water Separator	998.94	40.47
15915-0075 EA 700 SCFM Oil/Water Separator	2,013.62	84.31
15915-0076 Heavy Duty Industrial Pressure Regulator (15915)		
15915-0077 EA 3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	74.72	18.85
15915-0078 EA 1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	104.29	25.14
15915-0079 EA 3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	177.65	31.43
15915-0080 EA 1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	223.09	47.14
15915-0081 EA 1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	311.34	54.99
15915-0082 EA 1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	327.05	62.85



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15915-0083		Combination Air System; Filter Regulator Lubricator ⁽¹⁵⁹¹⁵⁾		
15915-0084	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	283.13	56.57
15915-0085	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	350.85	75.42
15915-0086		Heatless Desiccant Air Dryers ⁽¹⁵⁹¹⁵⁾		
15915-0087	EA	5 SCFM Heatless Desiccant Air Dryer	1,655.84	56.57
15915-0088	EA	10 SCFM Heatless Desiccant Air Dryer	1,990.71	62.85
15915-0089	EA	15 SCFM Heatless Desiccant Air Dryer	2,010.28	69.14
15915-0090	EA	20 SCFM Heatless Desiccant Air Dryer	2,296.17	78.57
15915-0091	EA	30 SCFM Heatless Desiccant Air Dryer	3,162.56	94.29
15915-0092	EA	50 SCFM Heatless Desiccant Air Dryer	3,124.42	125.71
15915-0093	EA	85 SCFM Heatless Desiccant Air Dryer	4,196.27	157.14
15915-0094	EA	100 SCFM Heatless Desiccant Air Dryer	4,453.93	188.56
15915-0095	EA	125 SCFM Heatless Desiccant Air Dryer	5,099.18	220.00
15915-0096	EA	175 SCFM Heatless Desiccant Air Dryer	5,855.34	251.42
15915-0097	EA	200 SCFM Heatless Desiccant Air Dryer	6,292.70	282.85
15915-0098	EA	300 SCFM Heatless Desiccant Air Dryer	7,693.55	314.27
15915-0099	EA	400 SCFM Heatless Desiccant Air Dryer	8,547.26	377.13
15915-0100	EA	500 SCFM Heatless Desiccant Air Dryer	9,878.97	439.98
15915-0101	EA	600 SCFM Heatless Desiccant Air Dryer	11,398.68	502.84
15915-0102		Air Cooled Aftercoolers ⁽¹⁵⁹¹⁵⁾		
15915-0103	EA	20 SCFM Air-Cooled Aftercooler	418.58	39.28
15915-0104	EA	35 SCFM Air-Cooled Aftercooler	565.29	47.14
15915-0105	EA	43 SCFM Air-Cooled Aftercooler	621.00	54.99
15915-0106	EA	70 SCFM Air-Cooled Aftercooler	758.71	62.85
15915-0107	EA	125 SCFM Air-Cooled Aftercooler	1,056.42	70.71
15915-0108	EA	185 SCFM Air-Cooled Aftercooler	1,186.14	78.57
15915-0109	EA	260 SCFM Air-Cooled Aftercooler	2,294.96	94.29
15915-0110	EA	365 SCFM Air-Cooled Aftercooler	2,399.60	110.00
15915-0111	EA	560 SCFM Air-Cooled Aftercooler	2,503.42	125.71
15915-0112	EA	650 SCFM Air-Cooled Aftercooler	2,935.65	141.42
15915-0113	EA	750 SCFM Air-Cooled Aftercooler	3,209.47	157.14
15915-0114	EA	900 SCFM Air-Cooled Aftercooler	3,680.10	172.85
15915-0115	EA	1100 SCFM Air-Cooled Aftercooler	4,723.53	188.56
15915-0116	EA	1460 SCFM Air-Cooled Aftercooler	5,402.56	204.27
15915-0117	EA	1800 SCFM Air-Cooled Aftercooler	5,578.98	220.00
15915-0118	EA	2500 SCFM Air-Cooled Aftercooler	5,982.41	235.71
15915-0119		Compressed Air Coalescing Filters ⁽¹⁵⁹¹⁵⁾		
15915-0120		1.0 Micron Filter Rated Compressed Air Coalescing Filters ⁽¹⁵⁹¹⁵⁻⁰¹¹⁹⁾		
15915-0121	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	143.84	21.92
15915-0122	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	171.84	21.92
15915-0123	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	187.59	25.29
15915-0124	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	216.01	29.00
15915-0125	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	252.07	32.04
15915-0126	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	285.56	38.78
15915-0127	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	393.34	42.15
15915-0128	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	373.17	50.59
15915-0129	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	478.89	67.45
15915-0130	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	547.76	75.87
15915-0131		0.01 Micron Filter Rated Compressed Air Coalescing Filters ⁽¹⁵⁹¹⁵⁻⁰¹¹⁹⁾		
15915-0132	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	175.84	21.92
15915-0133	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	190.58	25.29
15915-0134	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	218.81	29.00
15915-0135	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	257.67	28.67
15915-0136	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	291.96	38.78
15915-0137	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	331.31	42.15
15915-0138	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	380.37	50.59
15915-0139	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	490.89	67.45
15915-0140	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	563.76	75.87
15915-0141		Compressed Air Storage Tanks ⁽¹⁵⁹¹⁵⁾		
15915-0142		Horizontal Compressed Air Storage Tanks ⁽¹⁵⁹¹⁵⁻⁰¹⁴¹⁾		
15915-0143	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	240.57	50.29
15915-0144	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	355.79	54.99
15915-0145	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	376.80	57.82
15915-0146	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	428.49	62.85
15915-0147	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	560.37	84.85
15915-0148	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	673.54	94.29

15000 Mechanical**15900 Controls And Instrumentation****15915 Control Air Compressor And Dryer**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15915-0149	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	999.01	110.00
15915-0150	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	1,475.92	125.71
15915-0151	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	1,643.12	133.57
15915-0152	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	2,356.71	141.42
15915-0153	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	3,097.29	164.99
15915-0154	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	4,440.74	196.42
15915-0155 Vertical Compressed Air Storage Tanks (15915-0141)				
15915-0156	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	331.00	50.29
15915-0157	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	348.11	54.99
15915-0158	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	376.80	57.82
15915-0159	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	443.70	62.85
15915-0160	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	605.99	84.85
15915-0161	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	695.51	94.29
15915-0162	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	951.23	110.00
15915-0163	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	1,377.45	125.71
15915-0164	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	1,517.61	133.57
15915-0165	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	2,049.48	141.42
15915-0166	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	2,620.46	164.99
15915-0167	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	3,404.62	180.71
15915-0168	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	5,623.96	204.27
15917 Pneumatic Tubing (15900)				
15917-0001 Tubing (15917)				
15917-0002 Urethane Tubing, Fire Retardant (15917-0001)				
15917-0003	LF	1/8" Outside Diameter x 1/16" Inside Diameter Urethane Tubing	1.09	0.53
15917-0004	LF	1/4" Outside Diameter x 1/8" Inside Diameter Urethane Tubing	1.16	0.53
15917-0005	LF	3/8" Outside Diameter x 1/4" Inside Diameter Urethane Tubing	1.21	0.53
15917-0006 Polyethylene Tubing (15917-0001)				
15917-0007	LF	.17" Inside Diameter x .25" Outside Diameter Polyethylene Tubing	1.09	0.53
15917-0008	LF	.295" Inside Diameter x .375" Outside Diameter Polyethylene Tubing	1.16	0.53
15917-0009	LF	.375" Inside Diameter x .5" Outside Diameter Polyethylene Tubing	1.23	0.53
15917-0010 Nylon Tubing (15917-0001)				
15917-0011	LF	.08" Inside Diameter x 1/8" Outside Diameter Nylon Tubing	1.19	0.53
15917-0012	LF	.18" Inside Diameter x 1/4" Outside Diameter Nylon Tubing	1.38	0.53
15917-0013	LF	.275" Inside Diameter x 3/8" Outside Diameter Nylon Tubing	1.61	0.53
15917-0014 Flexible Vinyl Tubing (15917-0001)				
15917-0015	LF	1/4" Outside Diameter Flexible Vinyl Tubing	1.20	0.53
15917-0016	LF	3/8" Outside Diameter Flexible Vinyl Tubing	1.28	0.53
15917-0017	LF	1/2" Outside Diameter Flexible Vinyl Tubing	1.45	0.60
15917-0018	LF	5/8" Outside Diameter Flexible Vinyl Tubing	1.66	0.60
15917-0019	LF	3/4" Outside Diameter Flexible Vinyl Tubing	2.13	0.81
15917-0020	LF	1" Outside Diameter Flexible Vinyl Tubing	3.19	1.08
15917-0021 Braided Vinyl Tubing (15917-0001)				
15917-0022	LF	5/8" Outside Diameter Braided Vinyl Tubing	2.55	0.60
15917-0023	LF	3/4" Outside Diameter Braided Vinyl Tubing	3.06	0.88
15917-0024	LF	1" Outside Diameter Braided Vinyl Tubing	3.20	1.01
15917-0025 Brass Tubing Accessories (15917)				
15917-0026 Straight Coupling, Barb x Barb (15917-0025)				
15917-0027	EA	1/4" x 1/4" Straight Coupling, Brass	6.36	3.03
15917-0028	EA	3/8" x 1/4" Straight Coupling, Brass	6.40	3.03
15917-0029	EA	3/8" x 3/8" Straight Coupling, Brass	6.45	3.03
15917-0030 Elbow Coupling, Barb x Barb (15917-0025)				
15917-0031	EA	1/4" x 1/4" Elbow Coupling, Brass	6.62	3.03
15917-0032	EA	3/8" x 3/8" Elbow Coupling, Brass	6.77	3.03
15917-0033 Tee Coupling, Barb x Barb (15917-0025)				
15917-0034	EA	1/4" x 1/4" x 1/4" Tee Coupling, Brass	10.16	4.72
15917-0035	EA	3/8" x 3/8" x 1/4" Tee Coupling, Brass	11.40	5.06
15917-0036	EA	3/8" x 3/8" x 3/8" Tee Coupling, Brass	11.23	5.06



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
15917-0037	Copper Tubing <small>(15917)</small>		
15917-0038	LF 1/4" Outside Diameter Copper Tubing	3.94	
15917-0039	LF 3/8" Outside Diameter Copper Tubing	4.56	
15917-0040	LF 1/2" Outside Diameter Copper Tubing	5.37	
15917-0041	LF 5/8" Outside Diameter Copper Tubing	6.05	
15917-0042	LF 3/4" Outside Diameter Copper Tubing	8.40	

END OF SECTION 15

15000 Mechanical

15900 Controls And Instrumentation

15917 Pneumatic Tubing



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16000 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels where the number of terminations is not known.

16100 Basic Materials And Methods (16000)

16101 General (16100)

16101-0001 Lock Out/Tag Out Devices (16101)

Note: Includes the installation and removal of identifying markers and securing equipment.

16101-0002	EA Lock Out/Tag Out Local Disconnect	17.65	
16101-0003	EA Lock Out/Tag Out Breaker Or Motor Starter	26.37	
16101-0004	EA Lock Out/Tag Out Tags	2.17	
16101-0005	EA Existing Circuit Tracing Per Device.....	14.68	

16101-0006 Temporary Light And Power System (16101)

16101-0007 Temporary Devices (16101-0006)

16101-0008	EA Temporary Exit Light.....	111.58	32.20
16101-0009	EA Temporary Light Socket With Branch Wiring Connection And Lamp	14.93	6.70
16101-0010	EA Temporary 10 Light String	40.78	15.14
16101-0011	EA Temporary GFI Device With Enclosure	119.65	43.18
16101-0012	EA Temporary Trailer Socket With Branch Wiring.....	46.07	15.64
16101-0013	EA Temporary Auditorium Drop Light Complete With Branch Wiring.....	57.70	14.09

16101-0014 Cord Grip Plug (16101-0006)

Note: Includes installation, a maximum of 50' of cord and connection to source

16101-0015	EA Temporary 2 - Pole Cord Grip Plug With Installation	99.99	43.18
16101-0016	EA Temporary 3 - Pole Cord Grip Plug With Installation	147.81	66.43
16101-0017	EA Temporary 4 - Pole Cord Grip Plug With Installation	190.06	86.23
16101-0018	EA Temporary 3 - Pole (30 A) Cord Grip Plug With Installation	144.74	66.43
16101-0019	EA Temporary 4 - Pole (30 A) Cord Grip Plug With Installation	185.16	86.23
16101-0020	EA Temporary 3 - Pole (50 A) Cord Grip Plug With Installation	159.86	66.43

16101-0021 Conduit Markers Pressure-Sensitive (16101)

Note: Stick-on, includes arrow tape

16101-0022	EA 1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	7.92	
16101-0023	EA 3/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	8.27	
16101-0024	EA 1" Outside Diameter Pressure Sensitive Marker Stick-on.....	8.98	
16101-0025	EA 1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	9.12	
16101-0026	EA 1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	9.26	
16101-0027	EA 2" Outside Diameter Pressure Sensitive Marker Stick-on.....	9.47	
16101-0028	EA 2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	11.11	
16101-0029	EA 3" Outside Diameter Pressure Sensitive Marker Stick-on.....	11.39	
16101-0030	EA 3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	11.60	
16101-0031	EA 4" Outside Diameter Pressure Sensitive Marker Stick-on.....	11.81	
16101-0032	EA 4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.25	
16101-0033	EA 5" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.72	
16101-0034	EA 6" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.14	
16101-0035	EA 7" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.56	
16101-0036	EA 8" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.88	
16101-0037	EA 10" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.65	

16101-0038 Labeling Electrical Wires (16101)

16101-0039	EA Labeling Wire.....	1.51	
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16102 Cable Installation Methods (16100)

16102-0001 Pull Cord (16102)

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

16102-0002	LF 1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.62	
16102-0003	LF 1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.15	

16102-0004 Bore Conduit Into Dirt Or Sand (16102)

Note: For installation under roads, driveways or other structures up to 20'

16102-0005	LF Bore 1" To 4" Conduit Into Dirt Or Sand	2.20	
16102-0006	LF Bore 5" To 8" Conduit Into Dirt Or Sand	2.79	
16102-0007	EA Boring Minimum Set-Up Charge.....	307.95	

Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

16112 Bus Ducts ⁽¹⁶¹⁰⁰⁾

16112-0001	Plug-In Bus Duct ⁽¹⁶¹¹²⁾		
	Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
16112-0002	600 Volt, 3-Phase, 3-Wire, Copper Conductors ⁽¹⁶¹¹²⁻⁰⁰⁰¹⁾		
16112-0003	LF 225 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	154.12	21.14
	16MOD-0001 For Up To 25, Add	38.53	
	16MOD-0002 For > 25 To 50, Add	23.12	
	16MOD-0003 For > 50 To 100, Add	11.56	
16112-0004	LF 400 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	216.13	21.14
	16MOD-0001 For Up To 25, Add	54.03	
	16MOD-0002 For > 25 To 50, Add	32.42	
	16MOD-0003 For > 50 To 100, Add	16.21	
16112-0005	LF 600 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	272.97	28.17
	16MOD-0001 For Up To 25, Add	68.24	
	16MOD-0002 For > 25 To 50, Add	40.95	
	16MOD-0003 For > 50 To 100, Add	20.47	
16112-0006	LF 800 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	374.21	28.17
	16MOD-0001 For Up To 25, Add	93.55	
	16MOD-0002 For > 25 To 50, Add	56.13	
	16MOD-0003 For > 50 To 100, Add	28.07	
16112-0007	LF 1000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	394.94	35.22
	16MOD-0001 For Up To 25, Add	98.74	
	16MOD-0002 For > 25 To 50, Add	59.24	
	16MOD-0003 For > 50 To 100, Add	29.62	
16112-0008	LF 1350 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	546.92	35.22
	16MOD-0001 For Up To 25, Add	136.73	
	16MOD-0002 For > 25 To 50, Add	82.04	
	16MOD-0003 For > 50 To 100, Add	41.02	
16112-0009	LF 1600 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	638.43	36.99
	16MOD-0001 For Up To 25, Add	159.61	
	16MOD-0002 For > 25 To 50, Add	95.76	
	16MOD-0003 For > 50 To 100, Add	47.88	
16112-0010	LF 2000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	774.85	38.04
	16MOD-0001 For Up To 25, Add	193.71	
	16MOD-0002 For > 25 To 50, Add	116.23	
	16MOD-0003 For > 50 To 100, Add	58.11	
16112-0011	LF 2500 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	953.86	40.16
	16MOD-0001 For Up To 25, Add	238.47	
	16MOD-0002 For > 25 To 50, Add	143.08	
	16MOD-0003 For > 50 To 100, Add	71.54	
16112-0012	LF 3000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	1,101.56	46.84
	16MOD-0001 For Up To 25, Add	275.39	
	16MOD-0002 For > 25 To 50, Add	165.23	
	16MOD-0003 For > 50 To 100, Add	82.62	
16112-0013	LF 4000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors	1,273.66	51.07
	16MOD-0001 For Up To 25, Add	318.42	
	16MOD-0002 For > 25 To 50, Add	191.05	
	16MOD-0003 For > 50 To 100, Add	95.52	
16112-0014	277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors ⁽¹⁶¹¹²⁻⁰⁰⁰¹⁾		
16112-0015	LF 225 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	247.15	21.14
	16MOD-0001 For Up To 25, Add	61.79	
	16MOD-0002 For > 25 To 50, Add	37.07	
	16MOD-0003 For > 50 To 100, Add	18.54	
16112-0016	LF 400 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	354.72	21.14
	16MOD-0001 For Up To 25, Add	88.68	
	16MOD-0002 For > 25 To 50, Add	53.21	
	16MOD-0003 For > 50 To 100, Add	26.60	
16112-0017	LF 600 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	401.06	28.17
	16MOD-0001 For Up To 25, Add	100.27	
	16MOD-0002 For > 25 To 50, Add	60.16	
	16MOD-0003 For > 50 To 100, Add	30.08	
16112-0018	LF 800 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	508.46	28.17
	16MOD-0001 For Up To 25, Add	127.12	
	16MOD-0002 For > 25 To 50, Add	76.27	
	16MOD-0003 For > 50 To 100, Add	38.13	
16112-0019	LF 1000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	619.06	35.22
	16MOD-0001 For Up To 25, Add	154.77	
	16MOD-0002 For > 25 To 50, Add	92.86	
	16MOD-0003 For > 50 To 100, Add	46.43	
16112-0020	LF 1350 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	799.54	35.22
	16MOD-0001 For Up To 25, Add	199.89	
	16MOD-0002 For > 25 To 50, Add	119.93	
	16MOD-0003 For > 50 To 100, Add	59.97	
16112-0021	LF 1600 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors	1,031.86	36.49
	16MOD-0001 For Up To 25, Add	257.97	
	16MOD-0002 For > 25 To 50, Add	154.78	
	16MOD-0003 For > 50 To 100, Add	77.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16112-0022 LF 2000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors.....	1,240.67	38.04
16MOD-0001 For Up To 25, Add	310.17	
16MOD-0002 For > 25 To 50, Add	186.10	
16MOD-0003 For > 50 To 100, Add	93.05	
16112-0023 LF 2500 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors.....	1,536.19	39.80
16MOD-0001 For Up To 25, Add	384.05	
16MOD-0002 For > 25 To 50, Add	230.43	
16MOD-0003 For > 50 To 100, Add	115.21	
16112-0024 LF 3000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors.....	1,773.49	46.84
16MOD-0001 For Up To 25, Add	443.37	
16MOD-0002 For > 25 To 50, Add	266.02	
16MOD-0003 For > 50 To 100, Add	133.01	
16112-0025 LF 4000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors.....	2,054.67	51.07
16MOD-0001 For Up To 25, Add	513.67	
16MOD-0002 For > 25 To 50, Add	308.20	
16MOD-0003 For > 50 To 100, Add	154.10	
16112-0026 Cable Tap Boxes (16112-0001)		
16112-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors (16112-0026)		
16112-0028 EA 225 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire.....	1,240.08	98.62
16112-0029 EA 400 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire.....	1,285.67	98.62
16112-0030 EA 600 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire.....	1,392.39	133.84
16112-0031 EA 800 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire.....	1,484.52	133.84
16112-0032 EA 1000 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire.....	1,594.10	176.11
16112-0033 EA 1350 Amp Cable Tap Box, 600 V, 3 Phase, 3 Wire.....	1,747.25	176.11
16112-0034 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors (16112-0026)		
16112-0035 EA 225 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire.....	1,285.67	193.73
16112-0036 EA 400 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire.....	1,400.47	193.73
16112-0037 EA 600 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire.....	1,499.97	264.18
16112-0038 EA 800 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire.....	1,686.07	264.18
16112-0039 EA 1000 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire.....	1,776.99	352.23
16112-0040 EA 1350 Amp Cable Tap Box 277/480 V, 3 Phase, 4 Wire.....	2,020.23	352.23
16112-0041 Bus Duct Plug-In Circuit Breaker (16112-0001)		
16112-0042 240 Volt, 3-Phase (16112-0041)		
16112-0043 EA 60 Amp Bus Duct Circuit Breaker 240 V, 3 Phase Plug-in Circuit Breaker.....	565.16	70.45
16112-0044 EA 100 Amp Bus Duct Circuit Breaker 240 V, 3 Phase Plug-in Circuit Breaker.....	1,111.60	70.45
16112-0045 600 Volt, 3-Phase (16112-0041)		
16112-0046 EA 60 Amp Bus Duct Circuit Breaker 600 V, 3 Phase Plug-in Circuit Breaker.....	1,075.16	70.45
16112-0047 EA 100 Amp Bus Duct Circuit Breaker 600 V, 3 Phase Plug-in Circuit Breaker.....	1,392.37	70.45
16112-0048 120/208 Volt, 3-Phase, 4-Wire (16112-0041)		
16112-0049 EA 60 Amp Bus Duct Circuit Breaker 120/208 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	650.66	84.53
16112-0050 EA 100 Amp Bus Duct Circuit Breaker 120/208 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	778.43	84.53
16112-0051 277/480 Volt, 3-Phase, 4-Wire (16112-0041)		
16112-0052 EA 60 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	741.75	84.53
16112-0053 EA 100 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	1,135.15	84.53
16112-0054 EA 225 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	1,680.03	292.35
16112-0055 EA 400 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	3,997.02	292.35
16112-0056 EA 600 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	4,501.06	845.35
16112-0057 EA 800 Amp Bus Duct Circuit Breaker 277/480 V, 3 Phase, 4 Wire Plug-in Circuit Breaker.....	5,724.61	845.35
16112-0058 Bus Duct Plug-In Fusible Switch (16112-0001)		
16112-0059 240 Volt, 3-Pole, 3-Fuse (16112-0058)		
16112-0060 EA 30 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	563.91	70.45
16112-0061 EA 60 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	620.96	70.45
16112-0062 EA 100 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	855.79	84.53
16112-0063 EA 200 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	1,446.14	169.07
16112-0064 EA 400 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	3,639.16	380.41
16112-0065 EA 600 Amp Bus Duct Fusible Switch 240 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	5,467.23	662.19
16112-0066 600 Volt, 3-Pole, 3-Fuse (16112-0058)		
16112-0067 EA 30 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	584.28	77.49
16112-0068 EA 60 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	639.99	77.49
16112-0069 EA 100 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	861.31	77.49
16112-0070 EA 200 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	1,479.03	162.03
16112-0071 EA 400 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	3,620.35	366.31



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16112-0072	EA	600 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	5,600.65	704.45
16112-0073	EA	800 Amp Bus Duct Fusible Switch 600 V, 3 Phase Plug-in Fusible Switch, 3 Fuses.....	9,132.02	915.79
16112-0074		120/208 Volt, 4-pole, 3 Fuse <small>(16112-0058)</small>		
16112-0075	EA	30 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	651.96	91.58
16112-0076	EA	60 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	702.38	91.58
16112-0077	EA	100 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	949.39	91.58
16112-0078	EA	200 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,608.77	190.20
16112-0079	EA	400 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	3,998.24	422.67
16112-0080	EA	600 Amp Bus Duct Fusible Switch 120/208 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	5,825.14	648.10
16112-0081		277/480 Volt, 4-pole, 3-fuse <small>(16112-0058)</small>		
16112-0082	EA	30 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	672.91	91.58
16112-0083	EA	60 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	723.33	77.70
16112-0084	EA	100 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,011.45	105.67
16112-0085	EA	200 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	1,675.27	190.20
16112-0086	EA	400 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	3,998.24	422.67
16112-0087	EA	600 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	5,825.14	648.10
16112-0088	EA	800 Amp Bus Duct Fusible Switch 277/480 V, 4 Phase Plug-in Fusible Switch, 3 Fuses.....	9,181.63	859.44
16112-0089		Feeder Bus Duct <small>(16112)</small>		
		Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
16112-0090		600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance <small>(16112-0089)</small>		
		Note: Copper conductors		
16112-0091	LF	800 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	445.75	29.59
	16MOD-0001	For Up To 25, Add	111.44	
	16MOD-0002	For > 25 To 50, Add	66.86	
	16MOD-0003	For > 50 To 100, Add	33.43	
16112-0092	LF	1000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	452.26	29.59
	16MOD-0001	For Up To 25, Add	113.07	
	16MOD-0002	For > 25 To 50, Add	67.84	
	16MOD-0003	For > 50 To 100, Add	33.92	
16112-0093	LF	1350 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	590.44	29.59
	16MOD-0001	For Up To 25, Add	147.61	
	16MOD-0002	For > 25 To 50, Add	88.57	
	16MOD-0003	For > 50 To 100, Add	44.28	
16112-0094	LF	1600 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	708.20	29.59
	16MOD-0001	For Up To 25, Add	177.05	
	16MOD-0002	For > 25 To 50, Add	106.23	
	16MOD-0003	For > 50 To 100, Add	53.12	
16112-0095	LF	2000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	865.00	29.59
	16MOD-0001	For Up To 25, Add	216.25	
	16MOD-0002	For > 25 To 50, Add	129.75	
	16MOD-0003	For > 50 To 100, Add	64.88	
16112-0096	LF	3000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	1,180.72	70.45
	16MOD-0001	For Up To 25, Add	295.18	
	16MOD-0002	For > 25 To 50, Add	177.11	
	16MOD-0003	For > 50 To 100, Add	88.55	
16112-0097	LF	4000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	1,630.17	70.45
	16MOD-0001	For Up To 25, Add	407.54	
	16MOD-0002	For > 25 To 50, Add	244.53	
	16MOD-0003	For > 50 To 100, Add	122.26	
16112-0098	LF	5000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	1,928.76	70.45
	16MOD-0001	For Up To 25, Add	482.19	
	16MOD-0002	For > 25 To 50, Add	289.31	
	16MOD-0003	For > 50 To 100, Add	144.66	
16112-0099	LF	6000 Amp Bus Duct 600 V, 3 Phase, 3 Wire Copper Conductors, With Supports.....	2,374.38	70.45
	16MOD-0001	For Up To 25, Add	593.60	
	16MOD-0002	For > 25 To 50, Add	356.16	
	16MOD-0003	For > 50 To 100, Add	178.08	
16112-0100		277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated <small>(16112-0089)</small>		
		Note: Low impedance, copper conductors		
16112-0101	LF	800 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	510.18	31.70
	16MOD-0001	For Up To 25, Add	127.55	
	16MOD-0002	For > 25 To 50, Add	76.53	
	16MOD-0003	For > 50 To 100, Add	38.26	
16112-0102	LF	1000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	518.84	31.70
	16MOD-0001	For Up To 25, Add	129.71	
	16MOD-0002	For > 25 To 50, Add	77.83	
	16MOD-0003	For > 50 To 100, Add	38.91	
16112-0103	LF	1350 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	666.39	31.70
	16MOD-0001	For Up To 25, Add	166.60	
	16MOD-0002	For > 25 To 50, Add	99.96	
	16MOD-0003	For > 50 To 100, Add	49.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16112-0104 LF 1600 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	789.87	31.70
16MOD-0001 For Up To 25, Add	197.47	
16MOD-0002 For > 25 To 50, Add	118.48	
16MOD-0003 For > 50 To 100, Add	59.24	
16112-0105 LF 2000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	953.71	31.70
16MOD-0001 For Up To 25, Add	238.43	
16MOD-0002 For > 25 To 50, Add	143.06	
16MOD-0003 For > 50 To 100, Add	71.53	
16112-0106 LF 3000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	1,463.95	54.24
16MOD-0001 For Up To 25, Add	365.99	
16MOD-0002 For > 25 To 50, Add	219.59	
16MOD-0003 For > 50 To 100, Add	109.80	
16112-0107 LF 4000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	1,835.86	54.24
16MOD-0001 For Up To 25, Add	458.97	
16MOD-0002 For > 25 To 50, Add	275.38	
16MOD-0003 For > 50 To 100, Add	137.69	
16112-0108 LF 5000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	2,172.52	100.74
16MOD-0001 For Up To 25, Add	543.13	
16MOD-0002 For > 25 To 50, Add	325.88	
16MOD-0003 For > 50 To 100, Add	162.94	
16112-0109 LF 6000 Amp Bus Duct 277/480 V, 3 Phase, 4 Wire Copper Conductors, With Supports.....	2,677.53	100.74
16MOD-0001 For Up To 25, Add	669.38	
16MOD-0002 For > 25 To 50, Add	401.63	
16MOD-0003 For > 50 To 100, Add	200.81	

16113 Underfloor Ducts (16100)

16113-0001 Straight Duct Sections 10' Long, 14 Gauge Steel (16113)

16113-0002 Standard Ducts, 3.8 Square Inches (16113-0001)

16113-0003 EA Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches.....	61.27	12.40
16113-0004 EA Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches.....	77.20	14.51

16113-0005 Large Capacity Ducts, 8.9 Square Inches (16113-0001)

16113-0006 EA Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches.....	102.36	15.71
16113-0007 EA Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches.....	117.28	17.40

16113-0008 Junction Boxes (16113)

16113-0009 One Level Junction Boxes (16113-0008)

16113-0010 EA 1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box.....	155.99	24.65
16113-0011 EA 1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box.....	176.69	26.42
16113-0012 EA 1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box.....	285.22	24.65
Note: Isolate each duct and form a continuous raceway through the box in both directions.		
16113-0013 EA 1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box.....	193.55	26.42
16113-0014 EA 1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box.....	307.60	34.73
16113-0015 EA 1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct.....	432.21	37.76

16113-0016 Two Level Junction Boxes (16113-0008)

16113-0017 EA 2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level.....	660.35	24.94
Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway		
16113-0018 EA 2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts.....	759.90	26.42

16113-0019 Elbow Fittings (16113)

16113-0020 90 Degree Horizontal Elbow (16113-0019)

16113-0021 EA Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree.....	76.36	9.08
16113-0022 EA Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree.....	78.67	9.08

16113-0023 90 Degree Vertical Elbow (16113-0019)

16113-0024 EA Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree.....	42.64	9.08
16113-0025 EA Underfloor Large Duct Vertical Elbow Fitting, 90 Degree.....	43.57	9.08

16113-0026 Offset Elbow (16113-0019)

Note: Two elbows required for crossover or crossunder		
16113-0027 EA Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	42.64	10.57
16113-0028 EA Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	43.57	10.57

16113-0029 Couplings (16113)

16113-0030 Sleeve Couplings (16113-0029)

16113-0031 EA Underfloor Standard Duct Sleeve Coupling.....	27.37	14.09
16113-0032 EA Underfloor Large Duct Sleeve Coupling.....	42.54	14.09



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16113-0033 Expansion Couplings <small>(16113-0029)</small>		
16113-0034 EA Underfloor Standard Duct Expansion Coupling	61.07	14.09
16113-0035 EA Underfloor Large Duct Expansion Coupling	62.23	14.86
16113-0036 Reducing Couplings <small>(16113-0029)</small>		
16113-0037 EA Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	59.49	2.12
16113-0038 Duct Supports <small>(16113)</small>		
16113-0039 Combination Support And Coupling <small>(16113-0038)</small>		
Note: Includes leveling legs and anchoring feet		
16113-0040 EA 1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	62.74	29.59
16113-0041 EA 2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	69.94	29.59
16113-0042 EA 3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	77.20	29.59
16113-0043 EA 1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	69.94	33.11
16113-0044 EA 2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	84.62	33.11
16113-0045 EA 1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	77.20	35.22
16113-0046 EA 2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	77.20	35.22
16113-0047 EA 1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	84.62	35.22
16113-0048 Duct Support Only <small>(16113-0038)</small>		
Note: Includes leveling legs and anchoring feet.		
16113-0049 EA 1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	56.56	26.07
16113-0050 EA 2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	66.54	26.07
16113-0051 EA 3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	77.27	26.07
16113-0052 Underfloor Duct Accessories <small>(16113)</small>		
16113-0053 Plugs For Unused Junction Box Openings And Duct Ends <small>(16113-0052)</small>		
16113-0054 EA Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	5.55	2.12
16113-0055 EA Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends.....	5.92	2.12
16113-0056 Conduit Adapters <small>(16113-0052)</small>		
16113-0057 EA One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	22.74	3.52
16113-0058 EA Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	24.15	3.52
16113-0059 EA One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter.....	23.46	3.52
16113-0060 EA Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	24.20	3.52
16113-0061 Holders And Caps <small>(16113-0052)</small>		
16113-0062 EA Tile Holder, Underfloor Duct Accessories	146.88	29.59
16113-0063 EA Terrazzo Holder, Underfloor Duct Accessories.....	280.43	29.59
16113-0064 EA Closing Caps For Inserts, Underfloor Duct Accessories	1.91	0.70
16113-0065 Underfloor Dust Pans <small>(16113)</small>		
16113-0066 EA Underfloor Dust Carpet Pan.....	63.83	3.86
16115 Power Poles <small>(16100)</small>		
16115-0001 Communication And Power Poles <small>(16115)</small>		
Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
16115-0002 Steel Communication And Power Poles <small>(16115-0001)</small>		
16115-0003 2-1/4" Width, Steel Communication And Power Poles <small>(16115-0002)</small>		
16115-0004 2-1/4" Width, Steel Communication And Power Poles <small>(16115-0003)</small>		
16115-0005 EA 2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	188.54	31.23
16115-0006 EA 2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	204.92	31.23
16115-0007 EA 2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	223.86	31.23
16115-0008 Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles <small>(16115-0003)</small>		
Note: Excludes receptacles, communication jacks and wiring.		
16115-0009 EA Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle	40.18	6.44
16115-0010 EA Add-On Cover Plate For Three Duplex Receptacles	33.43	6.44
16115-0011 EA Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	37.88	6.44
16115-0012 EA Add-On Cover Plate For Data And A/V Modular Devices	28.00	6.44



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16115-0013	EA	Add-On Radius Control Entrance End Fitting	23.02	6.44
16115-0014		2-3/4" Width, Steel Communication And Power Poles <small>(16115-0002)</small>		
16115-0015		2-3/4" Width, Steel Communication And Power Poles <small>(16115-0014)</small>		
16115-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	244.71	31.23
16115-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	279.91	31.23
16115-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	298.90	31.23
16115-0019		Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles <small>(16115-0014)</small>		
		Note: Excludes receptacles and communication jacks.		
16115-0020	EA	Add-On Cover Plate For One Single Receptacle.....	25.80	6.44
16115-0021	EA	Add-On Cover Plate For One Duplex Receptacle.....	23.18	6.44
16115-0022	EA	Add-On Cover Plate For Data And A/V Modular Devices	25.06	6.44
16115-0023		3" Width, Steel Communication And Power Poles <small>(16115-0002)</small>		
16115-0024		3" Width, Steel Communication And Power Poles <small>(16115-0023)</small>		
16115-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	319.30	31.23
16115-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	361.67	31.23
16115-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	389.60	31.23
16115-0028		Additional Cover Plates For 3" Width, Steel Communication And Power Poles <small>(16115-0023)</small>		
		Note: Excludes receptacles and communication jacks.		
16115-0029	EA	Add-On Cover Plate For One Single Receptacle.....	25.80	6.44
16115-0030	EA	Add-On Cover Plate For One Duplex Receptacle.....	23.18	6.44
16115-0031	EA	Add-On Cover Plate For Data And A/V Modular Devices	25.06	6.44
16115-0032		Aluminum Communication And Power Poles <small>(16115-0001)</small>		
16115-0033		2-1/8" Width, Aluminum Communication And Power Poles <small>(16115-0032)</small>		
16115-0034		2-1/8" Width, Aluminum Communication And Power Poles <small>(16115-0033)</small>		
16115-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	255.73	31.23
16115-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	285.35	31.23
16115-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	318.56	31.23
16115-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles <small>(16115-0033)</small>		
		Note: Excludes receptacles and communication jacks.		
16115-0039	EA	Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	39.61	6.44
16115-0040	EA	Add-On Cover Plate For Three Duplex Receptacles	40.45	6.44
16115-0041	EA	Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	43.23	6.44
16115-0042	EA	Add-On Cover Plate For Data And A/V Modular Devices	29.57	6.44
16115-0043	EA	Add-On Radius Control Entrance End Fitting	23.02	6.44
16115-0044		2-1/4" Width, Aluminum Communication And Power Poles <small>(16115-0032)</small>		
16115-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	246.48	31.23
16115-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	276.86	31.23
16115-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	312.65	31.23
16115-0048		5" Width, Aluminum Communication And Power Poles <small>(16115-0032)</small>		
16115-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	517.10	31.23
16115-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	591.61	31.23
16115-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	675.07	31.23
16115-0052		2" Diameter, Round Aluminum Communication And Power Pole <small>(16115-0032)</small>		
16115-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	280.43	31.23
16115-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole.....	265.42	31.23
16115-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole.....	340.36	31.23
16120		Wire And Cable <small>(16100)</small>		
		Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
16120-0001		600 Volt Wire <small>(16120)</small>		
16120-0002		600 Volt, Armored Cable, Copper Conductors <small>(16120-0001)</small>		
16120-0003		MC, Solid Or Stranded, Galvanized Steel Armor <small>(16120-0002)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0004 MLF #14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,258.04	704.45
16120-0005 MLF #12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,519.23	791.52
16120-0006 MLF #10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,077.92	869.72
16120-0007 MLF #8 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,047.27	929.39
16120-0008 MLF #6 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,143.68	985.25
16120-0009 MLF #14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,621.45	791.52
16120-0010 MLF #12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,971.92	869.72
16120-0011 MLF #10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,845.26	992.23
16120-0012 MLF #8 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,130.47	1,070.64
16120-0013 MLF #6 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,059.24	1,154.82
16120-0014 MLF #4 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	7,613.65	1,240.27
16120-0015 MLF #2 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	9,919.68	1,324.17
16120-0016 MLF #14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,068.65	869.72
16120-0017 MLF #12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,517.98	992.23
16120-0018 MLF #10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,561.27	1,100.72
16120-0019 MLF #8 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	7,716.16	1,212.51
16120-0020 MLF #6 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	9,544.82	1,297.33
16120-0021 MLF #4 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	12,800.36	1,381.30
16120-0022 MLF #2 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	16,735.68	1,464.57
16120-0023 FPLP Solid TFN Red Armored Cable (16120-0002)		
Note: Color coded red.		
16120-0024 MLF #18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,119.56	535.39
16120-0025 MLF #18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,410.04	619.92
16120-0026 MLF #18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,971.19	704.45
16120-0027 MLF #18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,403.08	789.00
16120-0028 MLF #16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,415.19	619.92
16120-0029 MLF #16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,847.56	704.45
16120-0030 MLF #16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,551.52	789.00
16120-0031 MLF #16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,033.99	873.53
16120-0032 FPLP Solid THHN Red Armored Cable (16120-0002)		
Note: Color coded red.		
16120-0033 MLF #14/2 With #14 Ground Type THHN FPLP Red Armored Cable	2,686.94	704.45
16120-0034 MLF #14/4 With #14 Ground Type THHN FPLP Red Armored Cable	3,314.57	789.00
16120-0035 MLF #14/6 With #14 Ground Type THHN FPLP Red Armored Cable	4,365.07	873.53
16120-0036 MLF #14/8 With #14 Ground Type THHN FPLP Red Armored Cable	5,047.03	958.06
16120-0037 MLF #12/2 With #12 Ground Type THHN FPLP Red Armored Cable	3,364.21	789.00
16120-0038 MLF #12/4 With #12 Ground Type THHN FPLP Red Armored Cable	4,093.00	873.53
16120-0039 FPLP Twisted Shielded Pair Red Armored Cable (16120-0002)		
Note: Color coded red.		
16120-0040 MLF #18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,288.14	535.39
16120-0041 MLF #18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,648.92	789.00
16120-0042 MLF #16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,804.33	619.92
16120-0043 MLF #16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	3,305.54	704.45
16120-0044 MLF #16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,569.71	873.53
16120-0045 MLF #14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	3,286.54	732.64
16120-0046 MLF #14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,045.03	845.35
16120-0047 Armored Cable Connectors (16120-0002)		
16120-0048 EA 3/4" Armored Cable Connector	4.21	1.54
16MOD-0028 For Work In Restricted Working Space, Add	1.16	
16MOD-0029 For Installation Above 14', Add	0.58	
16120-0049 EA 1" Armored Cable Connector	4.97	1.81
16MOD-0028 For Work In Restricted Working Space, Add	1.35	
16MOD-0029 For Installation Above 14', Add	0.68	
16120-0050 EA 1-1/4" Armored Cable Connector	7.06	2.58
16MOD-0028 For Work In Restricted Working Space, Add	1.93	
16MOD-0029 For Installation Above 14', Add	0.97	
16120-0051 600 Volt, Feeder Wire, Single Stranded Copper (16120-0001)		
16120-0052 MLF #3 AWG Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	2,570.69	362.53
16MOD-0004 For EPR Insulation Instead Of XLPE, Add	221.37	
16MOD-0005 For Hypalon (CSPE) Jacket, Add	516.54	
16120-0053 MLF 600 MCM Cable - XLPE-USE-RHH-RHW 600 V Copper, Single Stranded, Placed In Conduit	18,215.62	1,167.31
16MOD-0004 For EPR Insulation Instead Of XLPE, Add	2,229.99	
16MOD-0005 For Hypalon (CSPE) Jacket, Add	5,203.32	
16120-0054 MLF #18 AWG Cable - Type TFFN 600 V Copper, Single Stranded, Placed In Conduit	330.54	128.81
16120-0055 MLF #16 AWG Cable - Type TFFN 600 V Copper, Single Stranded, Placed In Conduit	411.76	141.69
16120-0056 MLF #14 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	420.92	103.30
16120-0057 MLF #12 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	527.93	123.14
16120-0058 MLF #10 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	663.42	154.89
16120-0059 MLF #8 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	949.67	204.16
16120-0060 MLF #6 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	1,320.26	246.54
16120-0061 MLF #4 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	1,780.16	291.36



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0062	MLF #3 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	2,139.85
16120-0063	MLF #2 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	2,578.75
16120-0064	MLF #1 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	3,100.24
16120-0065	MLF #1/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	3,609.03
16120-0066	MLF #2/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	4,118.18
16120-0067	MLF #3/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	4,942.42
16120-0068	MLF #4/0 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	5,934.43
16120-0069	MLF 250 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	7,013.24
16120-0070	MLF 300 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	8,140.13
16120-0071	MLF 350 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	9,356.53
16120-0072	MLF 400 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	10,527.79
16120-0073	MLF 500 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	12,607.74
16120-0074	MLF 600 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	14,777.19
16120-0075	MLF 750 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	19,004.71
16120-0076	MLF 1000 MCM Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit	24,450.57
16120-0077	MLF #16 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	2,178.48
16120-0078	MLF #14 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	2,390.30
16120-0079	MLF #12 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	2,781.12
16120-0080	MLF #10 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	3,737.90
16120-0081	MLF #8 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	4,254.11
16120-0082	MLF #6 AWG Cable - Type TGGT High Temperature 600 V Copper, Single Stranded, Placed In Conduit	5,581.77
16120-0083	Solid Conductor Low Voltage Cable <small>(16120)</small>	
16120-0084	Low Voltage Cable, Pulled In Conduit <small>(16120-0083)</small>	
16120-0085	#14 AWG Low Voltage Cable, Pulled In Conduit <small>(16120-0084)</small>	
16120-0086	MLF 1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,620.54
16MOD-0006	For Installation On Exposed Surface, Deduct	-185.87
16120-0087	MLF 2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,238.32
16MOD-0006	For Installation On Exposed Surface, Deduct	-192.57
16120-0088	MLF 3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,773.34
16MOD-0006	For Installation On Exposed Surface, Deduct	-199.26
16120-0089	MLF 4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,340.57
16MOD-0006	For Installation On Exposed Surface, Deduct	-206.09
16120-0090	MLF 5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,911.63
16MOD-0006	For Installation On Exposed Surface, Deduct	-220.00
16120-0091	MLF 6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,424.62
16MOD-0006	For Installation On Exposed Surface, Deduct	-233.66
16120-0092	MLF 8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,736.50
16MOD-0006	For Installation On Exposed Surface, Deduct	-261.48
16120-0093	MLF 12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,294.94
16MOD-0006	For Installation On Exposed Surface, Deduct	-344.56
16120-0094	MLF 24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	9,403.45
16MOD-0006	For Installation On Exposed Surface, Deduct	-509.04
16120-0095	#16 AWG Low Voltage Cable, Pulled In Conduit <small>(16120-0084)</small>	
16120-0096	MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,438.83
16MOD-0006	For Installation On Exposed Surface, Deduct	-166.03
16120-0097	MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,288.59
16MOD-0006	For Installation On Exposed Surface, Deduct	-171.96
16120-0098	MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,855.44
16MOD-0006	For Installation On Exposed Surface, Deduct	-177.88
16120-0099	MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,100.67
16MOD-0006	For Installation On Exposed Surface, Deduct	-184.06
16120-0100	MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,196.94
16MOD-0006	For Installation On Exposed Surface, Deduct	-196.43
16120-0101	MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,615.32
16MOD-0006	For Installation On Exposed Surface, Deduct	-208.67
16120-0102	MLF 7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,462.99
16MOD-0006	For Installation On Exposed Surface, Deduct	-221.03
16120-0103	MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,311.30
16MOD-0006	For Installation On Exposed Surface, Deduct	-233.53
16120-0104	MLF 9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,922.60
16MOD-0006	For Installation On Exposed Surface, Deduct	-248.34
16120-0105	MLF 25 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	11,685.19
16MOD-0006	For Installation On Exposed Surface, Deduct	-465.31
16120-0106	#18 AWG Low Voltage Cable, Pulled In Conduit <small>(16120-0084)</small>	
16120-0107	MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,479.03
16MOD-0006	For Installation On Exposed Surface, Deduct	-146.07
16120-0108	MLF 2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,179.82
16MOD-0006	For Installation On Exposed Surface, Deduct	-151.35
16120-0109	MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,749.18
16MOD-0006	For Installation On Exposed Surface, Deduct	-156.63
16120-0110	MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,949.89
16MOD-0006	For Installation On Exposed Surface, Deduct	-161.91
16120-0111	MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,168.39
16MOD-0006	For Installation On Exposed Surface, Deduct	-172.86

16000 Electrical
16100 Basic Materials And Methods
16120 Wire And Cable



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0112 MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	4,810.45	550.64
16MOD-0006 For Installation On Exposed Surface, Deduct	-183.68	
16120-0113 MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	5,399.36	616.34
16MOD-0006 For Installation On Exposed Surface, Deduct	-205.45	
16120-0114 MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	6,994.51	812.13
16MOD-0006 For Installation On Exposed Surface, Deduct	-270.75	
16120-0115 MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	11,286.92	1,199.84
16MOD-0006 For Installation On Exposed Surface, Deduct	-399.95	
16120-0116 #20 AWG Low Voltage Cable, Pulled In Conduit (16120-0084)		
16120-0117 MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	978.34	398.66
16MOD-0006 For Installation On Exposed Surface, Deduct	-132.80	
16120-0118 MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,390.80	412.83
16MOD-0006 For Installation On Exposed Surface, Deduct	-137.57	
16120-0119 MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,002.06	441.81
16MOD-0006 For Installation On Exposed Surface, Deduct	-147.23	
16120-0120 MLF 6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,423.46	501.05
16MOD-0006 For Installation On Exposed Surface, Deduct	-166.93	
16120-0121 MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,845.58	560.31
16MOD-0006 For Installation On Exposed Surface, Deduct	-186.77	
16120-0122 MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	4,145.50	738.70
16MOD-0006 For Installation On Exposed Surface, Deduct	-246.15	
16120-0123 MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	6,375.98	1,091.00
16MOD-0006 For Installation On Exposed Surface, Deduct	-363.62	
16120-0124 MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	6,933.49	1,116.76
16MOD-0006 For Installation On Exposed Surface, Deduct	-372.25	
16120-0125 MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	8,382.45	1,300.30
16MOD-0006 For Installation On Exposed Surface, Deduct	-433.44	
16120-0126 MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	9,006.58	1,391.76
16MOD-0006 For Installation On Exposed Surface, Deduct	-463.96	
16120-0127 MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	10,471.41	1,739.54
16MOD-0006 For Installation On Exposed Surface, Deduct	-579.76	
16120-0128 MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	14,532.51	2,290.18
16MOD-0006 For Installation On Exposed Surface, Deduct	-763.31	
16120-0129 Triad (16120-0084)		
16120-0130 MLF 1 Triad #16.....	3,146.91	533.90
16120-0131 MLF 4 Triad #20.....	3,945.47	738.70
16120-0132 MLF 8 Triad #20.....	6,390.26	1,091.00
16120-0133 MLF 12 Triad #20.....	8,168.13	1,300.30
16120-0134 MLF 24 Triad #20.....	13,787.57	2,014.54
16120-0135 MLF 36 Triad #20.....	15,961.31	2,290.18
16120-0136 Non-Shielded Low Voltage Cable Pulled In Conduit (16120-0083)		
16120-0137 MLF 4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	3,387.98	618.27
16MOD-0007 For Installation On Exposed Surface, Deduct	-206.09	
16120-0138 MLF 8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	4,736.50	784.43
16MOD-0007 For Installation On Exposed Surface, Deduct	-261.48	
16120-0139 MLF 12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	6,294.94	1,033.67
16MOD-0007 For Installation On Exposed Surface, Deduct	-344.56	
16120-0140 MLF 24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	9,403.45	1,527.01
16MOD-0007 For Installation On Exposed Surface, Deduct	-509.04	
16120-0141 MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,244.51	497.83
16MOD-0007 For Installation On Exposed Surface, Deduct	-166.03	
16120-0142 MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,602.77	515.87
16MOD-0007 For Installation On Exposed Surface, Deduct	-171.96	
16120-0143 MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,803.84	533.90
16MOD-0007 For Installation On Exposed Surface, Deduct	-177.88	
16120-0144 MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,091.93	551.94
16MOD-0007 For Installation On Exposed Surface, Deduct	-184.06	
16120-0145 MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,381.73	588.65
16MOD-0007 For Installation On Exposed Surface, Deduct	-196.30	
16120-0146 MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	2,672.16	626.00
16MOD-0007 For Installation On Exposed Surface, Deduct	-208.67	
16120-0147 MLF 7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	3,076.90	663.36
16MOD-0007 For Installation On Exposed Surface, Deduct	-221.03	
16120-0148 MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	3,396.56	700.71
16MOD-0007 For Installation On Exposed Surface, Deduct	-233.53	
16120-0149 MLF 9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	3,842.04	745.15
16MOD-0007 For Installation On Exposed Surface, Deduct	-248.33	
16120-0150 MLF 25 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	7,130.70	1,363.42
16MOD-0007 For Installation On Exposed Surface, Deduct	-454.56	
16120-0151 MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,082.54	437.94
16MOD-0007 For Installation On Exposed Surface, Deduct	-146.07	
16120-0152 MLF 2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,388.27	454.04
16MOD-0007 For Installation On Exposed Surface, Deduct	-151.35	
16120-0153 MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,560.42	470.14
16MOD-0007 For Installation On Exposed Surface, Deduct	-156.63	
16120-0154 MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded.....	1,805.42	485.60
16MOD-0007 For Installation On Exposed Surface, Deduct	-161.91	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0155	MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	2,054.48 -172.86	518.45
16120-0156	MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	2,302.91 -183.68	551.30
16120-0157	MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	2,921.83 -205.45	616.34
16120-0158	MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	3,757.00 -270.75	812.13
16120-0159	MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	5,643.16 -399.95	1,199.84
16120-0160	MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	912.61 -132.80	398.66
16120-0161	MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	1,173.62 -137.57	412.83
16120-0162	MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	1,693.43 -147.23	441.81
16120-0163	MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	2,791.29 -186.77	560.31
16120-0164	MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	3,431.10 -246.15	738.70
16120-0165	MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	5,247.22 -363.62	1,091.00
16120-0166	MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	5,861.89 -372.25	1,116.76
16120-0167	MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	7,739.49 -433.44	1,300.30
16120-0168	MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	8,149.30 -463.96	1,391.76
16120-0169	MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	10,900.05 -579.76	1,739.54
16120-0170	MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded 16MOD-0007 For Installation On Exposed Surface, Deduct	14,103.87 -763.31	2,290.18
16120-0171	MLF 1 Single #16 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	1,115.92 -166.03	497.83
16120-0172	MLF 24 Single #16 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	5,166.90 -454.43	1,363.42
16120-0173	MLF 3 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	1,573.55 -199.26	597.67
16120-0174	MLF 4 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	1,739.14 -206.09	618.27
16120-0175	MLF 6 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	2,239.88 -233.66	701.35
16120-0176	MLF 7 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	2,418.02 -247.57	742.57
16120-0177	MLF 9 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	3,416.50 -387.25	774.51
16120-0178	MLF 12 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	3,794.55 -344.56	1,033.67
16120-0179	MLF 24 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	6,474.42 -509.04	1,527.01
16120-0180	MLF 37 Single #14 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	9,480.00 -613.51	1,840.65
16120-0181	MLF 3 Single #12 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	1,908.42 -220.52	662.07
16120-0182	MLF 3 Single #10 TC 16MOD-0007 For Installation On Exposed Surface, Deduct	2,403.97 -241.90	725.82
16120-0183	Plenum Rated Low Voltage Cable <small>(16120-0083)</small>		
16120-0184	MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0185	1,529.49 2,502.91	497.83 515.87
16120-0186	MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0187	3,150.34 3,427.72	533.90 551.94
16120-0188	MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0189	4,679.16 5,151.12	588.65 626.00
16120-0190	MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0191	7,082.85 8,396.33	700.71 922.90
16120-0192	MLF 12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0193	13,035.21 1,258.47	1,363.42 437.94
16120-0194	MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0195	2,050.57 2,684.94	454.04 470.14
16120-0196	MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0197	2,684.94 2,938.05	470.14 485.60
16120-0198	MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0199	2,938.05 3,998.26	485.60 518.45
16120-0200	MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0201	3,998.26 4,730.16	518.45 551.30
16120-0202	MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0203	4,730.16 5,389.43	551.30 616.34
16120-0204	MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0205	5,389.43 6,842.02	616.34 812.13
16120-0206	MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0207	6,842.02 11,681.39	812.13 1,199.84
16120-0207	MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0208	11,681.39 1,025.49	1,199.84 398.66
16120-0208	MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0209	1,025.49 1,496.24	398.66 412.83
16120-0209	MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0210	1,496.24 1,949.08	412.83 426.99
16120-0210	MLF 3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0211	1,949.08 2,191.94	426.99 441.81
16120-0211	MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0212	2,191.94 2,459.91	441.81 471.44
16120-0212	MLF 5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated 16120-0213	2,459.91 2,792.84	471.44 501.05
16120-0213	MLF 6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated	2,792.84	501.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0208	MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	3,132.34 560.31
16120-0209	MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	4,582.71 738.70
16120-0210	MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	7,202.53 1,091.00
16120-0211	MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	7,852.92 1,116.76
16120-0212	MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	9,490.96 1,300.30
16120-0213	MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	10,219.27 1,391.76
16120-0214	MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	11,844.73 1,739.54
16120-0215	MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	16,475.91 2,290.18
16120-0216	MLF 250 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	33,747.46 4,218.42
16120-0217	MLF 500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	56,576.62 5,582.49
16120-0218	MLF 750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	79,103.57 7,034.79
16120-0219	MLF 1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	113,362.79 9,649.57
16120-0220	MLF 1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	895.24 398.66
16120-0221	MLF 2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	1,204.94 412.83
16120-0222	MLF 3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	1,503.22 426.99
16120-0223	MLF 4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	1,667.38 441.81
16120-0224	MLF 5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	1,856.67 471.44
16120-0225	MLF 6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	2,087.26 501.05
16120-0226	MLF 8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	2,340.16 560.31
16120-0227	MLF 12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	3,374.93 738.70
16120-0228	MLF 24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	5,262.42 1,091.00
16120-0229	MLF 25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	5,693.99 1,116.76
16120-0230	MLF 36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	6,863.98 1,300.30
16120-0231	MLF 40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	7,372.90 1,391.76
16120-0232	MLF 50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	8,621.28 1,739.54
16120-0233	MLF 100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	11,914.46 2,290.18
16120-0234	MLF 250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	24,094.23 4,218.42
16120-0235	MLF 500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	39,533.68 5,582.49
16120-0236	MLF 750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	54,810.71 7,034.79
16120-0237	MLF 1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated.....	78,291.61 9,649.57

16120-0238 Non-Shielded Plenum Rated Low Voltage Cable (16120-0083)

16120-0239	MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,306.66 497.83
16120-0240	MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,714.21 515.87
16120-0241	MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,941.01 533.90
16120-0242	MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,267.04 551.94
16120-0243	MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,592.41 588.65
16120-0244	MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,916.48 626.00
16120-0245	MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,730.89 700.71
16120-0246	MLF 12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,791.96 922.90
16120-0247	MLF 24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	7,202.14 1,363.42
16120-0248	MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,135.38 437.94
16120-0249	MLF 2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,483.00 454.04
16120-0250	MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,677.01 470.14
16120-0251	MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,954.82 485.60
16120-0252	MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,233.02 518.45
16120-0253	MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,510.60 551.30
16120-0254	MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,206.01 616.34
16120-0255	MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,119.14 812.13
16120-0256	MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	6,189.68 1,199.84
16120-0257	MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	989.90 398.66
16120-0258	MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,246.49 412.83
16120-0259	MLF 3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,437.92 426.99
16120-0260	MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,828.46 441.81
16120-0261	MLF 5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,106.80 471.44
16120-0262	MLF 6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,748.57 501.05
16120-0263	MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,069.90 560.31
16120-0264	MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	3,761.15 738.70
16120-0265	MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,761.59 1,091.00
16120-0266	MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	6,247.16 1,116.76
16120-0267	MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	7,541.87 1,300.30
16120-0268	MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	8,102.22 1,391.76
16120-0269	MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	9,447.20 1,739.54
16120-0270	MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	13,083.20 2,290.18
16120-0271	MLF 250 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	26,570.78 4,218.42
16120-0272	MLF 500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	43,904.26 5,582.49
16120-0273	MLF 750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	61,042.04 7,034.79
16120-0274	MLF 1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	87,285.76 9,648.93
16120-0275	MLF 1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	846.88 398.66
16120-0276	MLF 2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,045.20 412.83
16120-0277	MLF 3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,176.25 426.99
16120-0278	MLF 4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,434.87 441.81
16120-0279	MLF 5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	1,630.79 471.44
16120-0280	MLF 6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,058.97 501.05
16120-0281	MLF 8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,300.25 560.31
16120-0282	MLF 12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	2,849.40 738.70
16120-0283	MLF 24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,340.67 1,091.00
16120-0284	MLF 25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	4,666.82 1,116.76
16120-0285	MLF 36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	5,605.23 1,300.30
16120-0286	MLF 40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	6,018.68 1,391.76



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0287 MLF 50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	7,087.65	1,739.54
16120-0288 MLF 100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	9,744.21	2,290.18
16120-0289 MLF 250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	19,503.95	4,218.42
16120-0290 MLF 500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	31,428.29	5,582.49
16120-0291 MLF 750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	43,260.12	7,034.79
16120-0292 MLF 1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded.....	61,614.82	9,649.57
16120-0293 Telecommunications Cable <small>(16120)</small>		
See CSI section 16775-0001 for high performance Unshielded Twisted Pair (UTP).		
16120-0294 Indoor Telecommunications Cable <small>(16120-0293)</small>		
Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Telecommunications cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.		
16120-0295 Category 3, Indoor Telecommunications Cable <small>(16120-0294)</small>		
Note: Un-shielded twisted pair cables (UTP).		
16120-0296 Category 3, Indoor Telecommunications Riser Cable <small>(16120-0295)</small>		
16120-0297 24 AWG, Category 3, Indoor Telecommunications Riser Cable <small>(16120-0296)</small>		
16120-0298 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(16120-0297)</small>		
16120-0299 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	554.59	295.87
16120-0300 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	580.75	295.87
16120-0301 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	589.90	295.87
16120-0302 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	712.65	338.14
16120-0303 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	904.90	338.14
16120-0304 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,210.93	338.14
16120-0305 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,929.88	422.67
16120-0306 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	3,487.76	676.28
16120-0307 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	4,721.99	760.81
16120-0308 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	6,274.01	845.35
16120-0309 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	9,175.96	1,183.49
16120-0310 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	12,026.38	1,462.45
16120-0311 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	18,720.83	2,028.84
16120-0312 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	30,439.61	4,057.67
16120-0313 MLF 1200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	41,406.36	6,086.52
16120-0314 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <small>(16120-0297)</small>		
16120-0315 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,047.71	591.75
16120-0316 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,073.87	591.75
16120-0317 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,083.02	591.75
16120-0318 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,135.33	591.75
16120-0319 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,327.58	591.75
16120-0320 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,774.51	676.28
16120-0321 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,634.35	845.35
16120-0322 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	4,051.32	1,014.42
16120-0323 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	5,356.00	1,141.22
16120-0324 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	6,978.46	1,268.03
16120-0325 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	10,162.20	1,775.23
16120-0326 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	13,252.13	2,197.91
16120-0327 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	20,411.52	3,043.26
16120-0328 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	33,821.01	6,086.52
16120-0329 MLF 1200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	46,478.45	9,129.78
16120-0330 22 AWG, Category 3, Indoor Telecommunications Riser Cable <small>(16120-0296)</small>		
16120-0331 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(16120-0330)</small>		
16120-0332 MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,941.61	338.14
16120-0333 MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	2,892.04	422.67
16120-0334 MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	5,281.56	676.28
16120-0335 MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	9,380.87	845.35
16120-0336 MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	13,868.42	1,183.49
16120-0337 MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	18,064.03	1,462.45
16120-0338 MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	26,646.63	2,028.84
16120-0339 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <small>(16120-0330)</small>		
16120-0340 MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,505.19	676.28
16120-0341 MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	3,596.51	845.35
16120-0342 MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	5,845.12	1,014.42
16120-0343 MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	10,085.32	1,268.03
16120-0344 MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	14,854.66	1,775.23



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0345 MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	19,289.78	2,197.91
16120-0346 MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	28,337.32	3,043.26
16120-0347 Category 3, Indoor Telecommunications Plenum Cable (16120-0295)		
16120-0348 24 AWG, Category 3, Indoor Telecommunications Plenum Cable (16120-0347)		
16120-0349 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit (16120-0348)		
16120-0350 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	571.59	295.87
16120-0351 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	597.74	295.87
16120-0352 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	616.06	295.87
16120-0353 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	740.12	338.14
16120-0354 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	940.21	338.14
16120-0355 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,485.57	338.14
16120-0356 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,480.48	422.67
16120-0357 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,680.49	676.28
16120-0358 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,091.89	845.35
16120-0359 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	12,125.10	1,183.49
16120-0360 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed (16120-0348)		
16120-0361 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,064.71	591.75
16120-0362 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,090.86	591.75
16120-0363 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,109.18	591.75
16120-0364 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,162.80	591.75
16120-0365 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,362.89	591.75
16120-0366 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	2,049.15	676.28
16120-0367 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	3,184.95	845.35
16120-0368 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	5,244.05	1,014.42
16120-0369 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	8,796.34	1,268.03
16120-0370 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	13,111.34	1,775.23
16120-0371 Category 5E, Indoor Telecommunications Cable (16120-0294)		
16120-0372 Category 5E, Indoor Telecommunications Riser Cable (16120-0371)		
16120-0373 Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit (16120-0372)		
16120-0374 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	636.98	295.87
16120-0375 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	670.77	295.87
16120-0376 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	741.87	338.14
16120-0377 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	775.86	338.14
16120-0378 Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed (16120-0372)		
16120-0379 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,130.10	591.75
16120-0380 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,163.89	591.75
16120-0381 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,305.45	676.28
16120-0382 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,339.44	676.28
16120-0383 Category 5E, Indoor Telecommunications Plenum Cable (16120-0371)		
16120-0384 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit (16120-0383)		
16120-0385 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	749.45	295.87
16120-0386 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,071.76	338.14
16120-0387 Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed (16120-0383)		
16120-0388 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,242.57	591.75
16120-0389 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,635.34	676.28
16120-0390 Category 6, Indoor Telecommunications Cable (16120-0294)		
16120-0391 Category 6, Indoor Telecommunications Riser Cable (16120-0390)		
16120-0392 Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit (16120-0391)		
16120-0393 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	720.68	295.87
16120-0394 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	746.12	295.87
16120-0395 Category 6, Indoor Telecommunications Riser Cable, Installed Exposed (16120-0391)		
16120-0396 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,213.80	591.75
16120-0397 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,239.24	591.75



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0398	Category 6, Indoor Telecommunications Plenum Cable <small>(16120-0390)</small>		
16120-0399	Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(16120-0398)</small>		
16120-0400	MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	956.09	295.87
16120-0401	Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(16120-0398)</small>		
16120-0402	MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,449.21	591.75
16120-0403	Category 7, Indoor Telecommunications Cable <small>(16120-0294)</small>		
16120-0404	Category 7, Indoor Telecommunications Cable, Installed In Conduit <small>(16120-0403)</small>		
16120-0405	MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	1,597.53	338.14
16120-0406	MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,087.54	338.14
16120-0407	Category 7, Indoor Telecommunications Cable, Installed Exposed <small>(16120-0403)</small>		
16120-0408	MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,161.11	676.28
16120-0409	MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed.....	3,651.12	676.28
16120-0410	Coaxial, Indoor Telecommunications Cable <small>(16120-0294)</small>		
16120-0411	Coaxial, Indoor Telecommunications Cable, Installed In Conduit <small>(16120-0410)</small>		
16120-0412	MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108).....	907.88	295.87
16120-0413	MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108).....	2,090.90	295.87
16120-0414	MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114).....	763.28	338.14
16120-0415	MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120).....	2,627.35	338.14
16120-0416	Coaxial, Indoor Telecommunications Cable, Installed Exposed <small>(16120-0410)</small>		
16120-0417	MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108).....	1,401.00	591.75
16120-0418	MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108).....	2,584.02	591.75
16120-0419	MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114).....	1,326.86	676.28
16120-0420	MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120).....	3,190.93	676.28
16120-0421	Outdoor Telecommunications Cable <small>(16120-0293)</small> Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, etc. Telecommunications cable buried in trench excludes excavation.		
16120-0422	PE-89 Outdoor Telecommunications Cable <small>(16120-0421)</small> Note: Includes foam-skin polyolefin insulated conductors.		
16120-0423	24 AWG, PE-89 Outdoor Telecommunications Cable <small>(16120-0422)</small>		
16120-0424	24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(16120-0423)</small>		
16120-0425	MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	1,229.77	591.75
16120-0426	MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,332.77	591.75
16120-0427	MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,554.66	591.75
16120-0428	MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,977.38	591.75
16120-0429	MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	2,397.54	591.75
16120-0430	MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,818.68	591.75
16120-0431	MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	4,745.20	760.81
16120-0432	MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,959.23	1,098.95
16120-0433	MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,205.28	1,437.09
16120-0434	MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,495.44	1,944.30
16120-0435	MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,421.08	3,888.61
16120-0436	MLF 1200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	28,276.26	5,748.38
16120-0437	24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench <small>(16120-0423)</small>		
16120-0438	MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,018.43	
16120-0439	MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,121.43	
16120-0440	MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,343.32	
16120-0441	MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,766.04	
16120-0442	MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,186.20	
16120-0443	MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,607.34	
16120-0444	MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,604.31	
16120-0445	MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,536.56	
16120-0446	MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,324.71	
16120-0447	MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,945.64	
16120-0448	MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	16,194.34	
16120-0449	MLF 1200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	22,077.03	
16120-0450	22 AWG, PE-89 Outdoor Telecommunications Cable <small>(16120-0422)</small>		
16120-0451	22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(16120-0450)</small>		
16120-0452	MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	1,295.25	591.75



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0453 MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,455.12	591.75
16120-0454 MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,805.09	591.75
16120-0455 MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,423.12	591.75
16120-0456 MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,094.09	591.75
16120-0457 MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,765.62	591.75
16120-0458 MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,571.99	760.81
16120-0459 MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,564.60	1,098.95
16120-0460 MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,717.55	1,437.09
16120-0461 MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	18,628.96	1,944.30
16120-0462 MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	28,167.21	3,888.61
16120-0463 MLF 1200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	39,865.19	5,748.38
16120-0464 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (16120-0464)		
16120-0465 MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,083.91	
16120-0466 MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	1,243.78	
16120-0467 MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	1,593.75	
16120-0468 MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	2,211.78	
16120-0469 MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	2,882.75	
16120-0470 MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	3,554.28	
16120-0471 MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	6,431.10	
16120-0472 MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	9,141.93	
16120-0473 MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	11,836.98	
16120-0474 MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	17,079.16	
16120-0475 MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	23,940.47	
16120-0476 MLF 1200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	33,665.96	
16120-0477 19 AWG, PE-89 Outdoor Telecommunications Cable (16120-0422)		
16120-0478 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (16120-0477)		
16120-0479 MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,577.10	591.75
16120-0480 MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,932.15	591.75
16120-0481 MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,778.39	591.75
16120-0482 MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,754.58	591.75
16120-0483 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (16120-0477)		
16120-0484 MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	2,365.76	
16120-0485 MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	3,720.81	
16120-0486 MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	5,567.05	
16120-0487 MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	6,543.24	
16120-0488 PE-39 Outdoor Telecommunications Cable (16120-0421)		
Note: Includes solid polyolefin insulated conductors.		
16120-0489 24 AWG, PE-39 Outdoor Telecommunications Cable (16120-0488)		
16120-0490 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit (16120-0489)		
16120-0491 MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	1,238.98	591.75
16120-0492 MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,364.99	591.75
16120-0493 MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,619.22	591.75
16120-0494 MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,077.04	591.75
16120-0495 MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,005.58	591.75
16120-0496 MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,172.63	760.81
16120-0497 MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,542.27	1,098.95
16120-0498 MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,915.72	1,437.09
16120-0499 MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	13,532.73	1,944.30
16120-0500 MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	21,762.55	3,888.61
16120-0501 MLF 1200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	31,755.50	5,748.38
16120-0502 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench (16120-0489)		
16120-0503 MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,027.64	
16120-0504 MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	1,153.65	
16120-0505 MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	1,407.88	
16120-0506 MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	1,865.70	
16120-0507 MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	2,794.24	
16120-0508 MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	5,031.74	
16120-0509 MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	7,119.60	
16120-0510 MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	9,035.15	
16120-0511 MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	11,982.93	
16120-0512 MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	17,535.81	
16120-0513 MLF 1200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	25,556.27	
16120-0514 22 AWG, PE-39 Outdoor Telecommunications Cable (16120-0488)		
16120-0515 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit (16120-0514)		
16120-0516 MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,311.83	591.75



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0517	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,497.00	591.75
16120-0518	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,891.07	591.75
16120-0519	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,616.00	591.75
16120-0520	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,128.84	591.75
16120-0521	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,334.33	760.81
16120-0522	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,733.21	1,098.95
16120-0523	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	13,775.09	1,437.09
16120-0524	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	19,187.60	1,944.30
16120-0525	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	30,919.09	3,888.61
16120-0526	22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(16120-0514)</small>		
16120-0527	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,100.49	
16120-0528	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,285.66	
16120-0529	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,679.73	
16120-0530	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,404.66	
16120-0531	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,917.50	
16120-0532	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,193.44	
16120-0533	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	10,310.54	
16120-0534	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,894.52	
16120-0535	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	17,637.80	
16120-0536	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	26,692.35	
16120-0537	19 AWG, PE-39 Outdoor Telecommunications Cable <small>(16120-0488)</small>		
16120-0538	19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(16120-0537)</small>		
16120-0539	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,764.00	591.75
16120-0540	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,234.26	591.75
16120-0541	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,283.07	591.75
16120-0542	19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(16120-0537)</small>		
16120-0543	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,552.66	
16120-0544	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,022.92	
16120-0545	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,071.73	
16120-0546	(Aerial) Outdoor Telecommunications Cable <small>(16120-0421)</small>		
	Note: Includes support wire.		
16120-0547	24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(16120-0546)</small>		
16120-0548	MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	3,432.06	1,128.80
16120-0549	MLF 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	3,536.91	1,128.80
16120-0550	MLF 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	3,797.24	1,128.80
16120-0551	MLF 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,279.23	1,128.80
16120-0552	MLF 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,210.18	1,128.80
16120-0553	MLF 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,324.92	1,241.68
16120-0554	MLF 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,451.19	1,354.56
16120-0555	22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(16120-0546)</small>		
16120-0556	MLF 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	3,557.51	1,128.80
16120-0557	MLF 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	3,712.42	1,128.80
16120-0558	MLF 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,085.54	1,128.80
16120-0559	MLF 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,822.67	1,128.80
16120-0560	MLF 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,318.02	1,128.80
16120-0561	MLF 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,417.93	1,241.68
16120-0562	19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(16120-0546)</small>		
16120-0563	MLF 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	3,723.35	1,128.80
16120-0564	MLF 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,073.68	1,128.80
16120-0565	MLF 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,762.48	1,128.80
16120-0566	MLF 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,140.09	1,128.80
16120-0567	MLF 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,781.25	1,128.80
16120-0568	Building Entrance Terminals <small>(16120-0293)</small>		
16120-0569	EA 25 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,327.27	154.57
16120-0570	EA 50 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,787.08	257.62
16120-0571	EA 100 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,545.87	412.51
16120-0572	Sundry Cable <small>(16120)</small>		
16120-0573	Cable For HVAC System Controls <small>(16120-0572)</small>		
16120-0574	Low Voltage Cable To 300 Volts <small>(16120-0573)</small>		
	Note: For surface or conduit installation - thermostat wiring		
16120-0575	MLF 2/c #18 300 V Thermostat Cable, Low Volt Cable For HVAC System Controls	833.85	82.12



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16120-0576 MLF 3/c #18 300 V Thermostat Cable, Low Volt Cable For HVAC System Controls.....	1,093.55	86.49
16120-0577 MLF 4/c #18 300 V Thermostat Cable, Low Volt Cable For HVAC System Controls.....	1,445.92	91.46
16120-0578 MLF 6/c #18 300 V Twisted Shielded Cable, In Conduit.....	1,229.58	123.39
16120-0579 MLF 8/c #18 300 V Twisted Shielded Cable, In Conduit.....	1,667.10	108.14
16120-0580 Cable For Fire Alarm System (16120-0572)		
16120-0581 CLF Red Teflon 1-Pair #18 Gauge, Twisted Shielded Solid CU.....	157.22	28.34
16120-0582 CLF Red Teflon 2-Pair #18 Gauge, Twisted Shielded Solid CU.....	182.88	31.69
16120-0583 CLF Red Teflon 4-Pair #18 Gauge, Twisted Shielded Solid CU.....	245.11	42.76
16120-0584 CLF Red Teflon 6-Pair #18 Gauge, Twisted Shielded Solid CU.....	301.58	51.53
16120-0585 CLF Red Teflon 8-Pair #18 Gauge, Twisted Shielded Solid CU.....	354.80	59.00
16120-0586 CLF Red Teflon 10-Pair #18 Gauge, Twisted Shielded Solid CU.....	413.84	68.79
16120-0587 CLF Red Teflon 1-Pair #14 Gauge, Twisted Shielded Solid CU.....	245.65	36.07
16120-0588 CLF Red Teflon 2-Pair #14 Gauge, Twisted Shielded Solid CU.....	323.89	46.63
16120-0589 CLF Red Teflon 2-Pair #16 Gauge, Twisted Shielded Solid CU.....	319.01	47.14
16120-0590 Low Voltage Control Cables (16120-0572)		
Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
16120-0591 MLF 4/c #18 AWG "TC" Copper Conductor Cable.....	1,813.49	139.37
16120-0592 MLF 6/c #18 AWG "TC" Copper Conductor Cable.....	2,470.41	156.11
16120-0593 MLF 8/c #18 AWG "TC" Copper Conductor Cable.....	3,032.10	187.29
16120-0594 MLF 10/c #18 AWG "TC" Copper Conductor Cable.....	3,788.92	224.64
16120-0595 MLF 12/c #18 AWG "TC" Copper Conductor Cable.....	4,284.97	251.69
16120-0596 MLF 37/c #18 AWG "TC" Copper Conductor Cable.....	10,681.88	325.30
16120-0597 Security System Cable (16120-0572)		
16120-0598 CLF 2/c #18 AWG, "Red", Twisted Shielded Solid Copper , In Conduit.....	212.58	38.39
16120-0599 CLF 2/c #16 AWG, "Red", Twisted Shielded Solid Copper , In Conduit.....	319.01	47.14
16120-0600 CLF 2/c #18 AWG, "Red", Twisted Shielded Solid Copper , Plenum.....	222.92	40.19
16120-0601 CLF 2/c #16 AWG, "Red", Twisted Shielded Solid Copper , Plenum.....	334.88	49.46
16120-0602 CLF 4/c #18 AWG Stranded Copper Cable, In Conduit.....	245.13	42.76
16120-0603 CLF 6/c #18 AWG Stranded Copper Cable, In Conduit.....	301.58	51.53
16120-0604 CLF 2/c #22 AWG, Type CL2R/MPR Bare Copper Conductor.....	199.98	38.39
16120-0605 CLF 4/c #22 AWG, Type CL2R/MPR Bare Copper Conductor.....	297.26	47.14
16120-0606 CLF 6/c #22 AWG, Type CL2R/MPR Bare Copper Conductor.....	312.05	49.46
16120-0607 Service Drop Cable And Weatherheads (16120)		
16120-0608 600 Volt Insulated Stranded Conductors (16120-0607)		
16120-0609 Weather Proof Conduit Hubs (16120-0608)		
16120-0610 EA 1/2" Weatherproof Conduit Hubs.....	33.28	12.40
16120-0611 EA 3/4" Weatherproof Conduit Hubs.....	38.02	14.09
16120-0612 EA 1" Weatherproof Conduit Hubs.....	44.72	15.78
16120-0613 EA 1-1/4" Weatherproof Conduit Hubs.....	63.19	21.14
16120-0614 EA 1-1/2" Weatherproof Conduit Hubs.....	69.88	22.82
16120-0615 EA 2" Weatherproof Conduit Hubs.....	93.12	26.49
16120-0616 EA 2-1/2" Weatherproof Conduit Hubs.....	126.94	29.87
16120-0617 EA 3" Weatherproof Conduit Hubs.....	167.06	35.22
16120-0618 EA 4" Weatherproof Conduit Hubs.....	288.31	70.45
16120-0619 Service Entrance Cap, Threaded Weatherhead, Galvanized (16120-0608)		
16120-0620 EA 1/2" Galvanized Weatherhead For #14 Thru #10 AWG Cable Service Entrance Threaded Weatherhead.....	37.00	12.40
16120-0621 EA 3/4" Galvanized Weatherhead For #12 Thru #8 AWG Cable Service Entrance Threaded Weatherhead.....	42.46	14.09
16120-0622 EA 1" Galvanized Weatherhead For #6 AWG Cable Service Entrance Threaded Weatherhead.....	50.36	16.45
16120-0623 EA 1-1/4" Galvanized Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead.....	65.44	21.14
16120-0624 EA 1-1/2" Galvanized Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead.....	76.65	23.80
16120-0625 EA 2" Galvanized Weatherhead For #1/0 Thru #2/0 AWG Cable Service Entrance Threaded Weatherhead.....	101.11	27.61
16120-0626 EA 2-1/2" Galvanized Weatherhead For #3/0 Thru #4/0 Cable Service Entrance Threaded Weatherhead.....	171.73	31.14
16120-0627 EA 3" Galvanized Weatherhead For 250 Thru 500 MCM Cable Service Entrance Threaded Weatherhead.....	191.62	35.22
16120-0628 EA 4" Galvanized Weatherhead For 750 MCM Cable Service Entrance Threaded Weatherhead.....	312.33	70.45
16120-0629 Service Entrance Cap, Threaded Weatherhead, PVC (16120-0608)		
16120-0630 EA 1/2" PVC Weatherhead For #14 Thru #10 AWG Cable Service Entrance Threaded Weatherhead.....	33.78	12.40
16120-0631 EA 3/4" PVC Weatherhead For #12 Thru #8 AWG Cable Service Entrance Threaded Weatherhead.....	38.01	14.09
16120-0632 EA 1" PVC Weatherhead For #6 AWG Cable Service Entrance Threaded Weatherhead.....	44.07	16.38
16120-0633 EA 1-1/4" PVC Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead.....	57.82	21.14
16120-0634 EA 1-1/2" PVC Weatherhead For #4 Thru #2 AWG Cable Service Entrance Threaded Weatherhead.....	65.34	23.80
16120-0635 EA 2" PVC Weatherhead For #1/0 Thru #2/0 AWG Cable Service Entrance Threaded Weatherhead.....	78.63	27.61
16120-0636 EA 2-1/2" PVC Weatherhead For #3/0 Thru #4/0 Cable Service Entrance Threaded Weatherhead.....	125.21	31.14
16120-0637 EA 3" PVC Weatherhead For 250 Thru 350 MCM Cable Service Entrance Threaded Weatherhead.....	136.66	35.22
16120-0638 EA 3-1/2" PVC Weatherhead For 500 MCM Cable Service Entrance Threaded Weatherhead.....	220.49	49.31
16120-0639 EA 4" PVC Weatherhead For 750 MCM Cable Service Entrance Threaded Weatherhead.....	303.50	70.45



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16121 Wire Connections And Devices (16100)

16121-0001 Low Voltage Up To 600 Volts (16121)

16121-0002 Tape Wrapped Compression Connectors (16121-0001)

16121-0003	EA #6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	9.07	3.17
16121-0004	EA #4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	9.90	3.52
16121-0005	EA #2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	10.67	3.87
16121-0006	EA 1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	12.26	4.23
16121-0007	EA 2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	13.20	4.58
16121-0008	EA 3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	14.62	4.93
16121-0009	EA 4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	15.66	5.28
16121-0010	EA 250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	17.03	5.63
16121-0011	EA 300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	18.86	6.34
16121-0012	EA 350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	19.81	6.69
16121-0013	EA 400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	21.92	7.05
16121-0014	EA 500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	23.77	7.40

16121-0015 One Hole Tape Wrapped Compression Lugs (16121-0001)

16121-0016	EA #16-14 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	12.13	9.15
16121-0017	EA #12-10 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	13.72	9.87
16121-0018	EA #8 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	16.87	10.92
16121-0019	EA #6 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	23.75	14.09
16121-0020	EA #4 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	27.89	14.09
16121-0021	EA #2 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	32.09	14.09
16121-0022	EA 1/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	39.57	21.14
16121-0023	EA 2/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	46.42	21.14
16121-0024	EA 3/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	54.33	21.14
16121-0025	EA 4/0 AWG Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	65.54	28.17
16121-0026	EA 250 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	77.74	42.27
16121-0027	EA 300 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	88.92	42.27
16121-0028	EA 350 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	95.59	42.27
16121-0029	EA 400 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	104.05	49.31
16121-0030	EA 500 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	113.74	49.31
16121-0031	EA 750 MCM Compression Lugs, 1 Hole, Wrapped, Low Voltage, To 600 Volts.....	123.25	56.36

16121-0032 Tape Wrapped Split Bolt Connectors (16121-0001)

16121-0033	EA #8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	36.85	28.17
16121-0034	EA #6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	40.51	30.29
16121-0035	EA #4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	46.18	31.70
16121-0036	EA #2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	53.53	35.22
16121-0037	EA 1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	63.12	38.74
16121-0038	EA 2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	70.51	42.27
16121-0039	EA 3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	88.04	45.79
16121-0040	EA 250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	99.50	52.84
16121-0041	EA 350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	126.79	84.53
16121-0042	EA 500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	150.70	95.10

16121-0043 Cable Termination Lugs Handwrapped, No Stress Cone (16121-0001)

16121-0044	EA #8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	50.44	28.17
16121-0045	EA #4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	58.28	28.17
16121-0046	EA 1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	80.65	42.27
16121-0047	EA 4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	96.12	42.27
16121-0048	EA 300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	115.25	52.84
16121-0049	EA 500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	159.40	70.45

16121-0050 Parallel Gutter Tap Or Motor Connection (16121-0001)

16121-0051	EA #8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	24.55	12.75
16121-0052	EA #6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	26.34	12.75
16121-0053	EA #4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	27.80	12.75
16121-0054	EA #2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	31.99	14.65
16121-0055	EA 1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	39.46	18.32
16121-0056	EA 2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	46.31	21.77
16121-0057	EA 3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	54.21	25.50
16121-0058	EA 4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	65.39	30.92
16121-0059	EA 250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	77.57	36.71
16121-0060	EA 300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	88.72	41.91
16121-0061	EA 350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	95.39	45.16
16121-0062	EA 400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	103.81	48.89
16121-0063	EA 500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	113.47	53.40
16121-0064	EA 750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	113.71	53.40
16121-0065	EA #8 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	24.55	12.75
16121-0066	EA #6 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	26.34	12.75
16121-0067	EA #4 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	27.80	12.75
16121-0068	EA #2 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	31.99	14.65
16121-0069	EA 1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	39.46	18.32



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16121-0070 EA 2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	46.31	21.77
16121-0071 EA 3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	54.21	25.50
16121-0072 EA 4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	65.39	30.92
16121-0073 EA 250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	77.57	36.71
16121-0074 EA 300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	88.72	41.91
16121-0075 EA 350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	95.39	45.16
16121-0076 EA 400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	103.81	48.89
16121-0077 EA 500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	113.47	53.40
16121-0078 EA 750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	113.71	53.40
16121-0079 Copper Mechanical Lugs <small>(16121-0001)</small>		
16121-0080 EA #8 Copper Mechanical Lugs	20.04	8.80
16121-0081 EA #6 Copper Mechanical Lugs	24.04	10.64
16121-0082 EA #4 Copper Mechanical Lugs	27.77	12.33
16121-0083 EA #2 Copper Mechanical Lugs	36.36	15.71
16121-0084 EA 1/0 Copper Mechanical Lugs	48.97	21.14
16121-0085 EA 2/0 Copper Mechanical Lugs	58.40	24.51
16121-0086 EA 3/0 Copper Mechanical Lugs	68.30	28.17
16121-0087 EA 4/0 Copper Mechanical Lugs	77.76	31.63
16121-0088 EA 250 MCM Copper Mechanical Lugs.....	89.07	35.22
16121-0089 EA 300 MCM Copper Mechanical Lugs.....	100.21	38.74
16121-0090 EA 350 MCM Copper Mechanical Lugs.....	111.30	42.27
16121-0091 EA 400 MCM Copper Mechanical Lugs.....	122.32	45.79
16121-0092 EA 500 MCM Copper Mechanical Lugs.....	133.51	49.31
16121-0093 EA 750 MCM Copper Mechanical Lugs.....	151.31	56.15
16121-0094 Gel Connectors <small>(16121-0001)</small>		
16121-0095 EA 3 Port, #14 to 2/0, Push On Gel Stub Splice Kit.....	31.61	
Note: Kit contains connector, gel filled cap and cap clamp.		
16121-0096 EA 4 Port, #14 to 2, Gel Tap Splice Kit.....	30.86	
16121-0097 Other Connections <small>(16121-0001)</small>		
16121-0098 EA #14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	6.93	3.22
16121-0099 EA #12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	6.98	3.22
16121-0100 EA #10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	7.03	3.22
16121-0101 Medium Voltage Up To 5 KV <small>(16121)</small>		
16121-0102 Copper Cable Splice, Crimp Compression Connection <small>(16121-0101)</small>		
Note: For bare wire		
16121-0103 EA #6 AWG Crimp Compression Connection For Bare Copper Wire.....	41.76	
16121-0104 EA #4 AWG Crimp Compression Connection For Bare Copper Wire.....	45.87	
16121-0105 EA #3 AWG Crimp Compression Connection For Bare Copper Wire.....	53.49	
16121-0106 EA #2 AWG Crimp Compression Connection For Bare Copper Wire.....	60.84	
16121-0107 EA #1 AWG Crimp Compression Connection For Bare Copper Wire.....	68.58	
16121-0108 EA 1/0 AWG Crimp Compression Connection For Bare Copper Wire.....	76.17	
16121-0109 EA 2/0 AWG Crimp Compression Connection For Bare Copper Wire.....	83.69	
16121-0110 EA 3/0 AWG Crimp Compression Connection For Bare Copper Wire.....	91.48	
16121-0111 EA 4/0 AWG Crimp Compression Connection For Bare Copper Wire.....	99.09	
16121-0112 EA 250 MCM Crimp Compression Connection For Bare Copper Wire.....	106.85	
16121-0113 EA 300 MCM Crimp Compression Connection For Bare Copper Wire.....	114.75	
16121-0114 EA 350 MCM Crimp Compression Connection For Bare Copper Wire.....	122.28	
16121-0115 EA 400 MCM Crimp Compression Connection For Bare Copper Wire.....	137.99	
16121-0116 EA 500 MCM Crimp Compression Connection For Bare Copper Wire.....	154.07	
16125 Conduit Assemblies <small>(16100)</small>		
Note: With fittings and wire		
16125-0001 EMT Conduit Assembly <small>(16125)</small>		
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated; per CLF.		
16125-0002 CLF 1/2" EMT With 3 #12 THHN/THWN Assembly.....	515.15	211.95
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
16125-0003 CLF 1/2" EMT With 4 #12 THHN/THWN Assembly.....	565.74	231.59
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
16125-0004 CLF 1/2" EMT With 3 #10 THHN/THWN Assembly.....	554.18	221.68
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
16125-0005 CLF 1/2" EMT With 4 #10 THHN/THWN Assembly.....	618.34	244.80
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
16125-0006 CLF 3/4" EMT With 3 #12 THHN/THWN Assembly.....	599.28	241.64
Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16125-0007	CLF	3/4" EMT With 4 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	651.05	261.41
16125-0008	CLF	3/4" EMT With 5 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	701.54	280.99
16125-0009	CLF	3/4" EMT With 6 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	752.30	300.70
16125-0010	CLF	3/4" EMT With 3 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	639.18	251.37
16125-0011	CLF	3/4" EMT With 4 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	703.02	274.36
16125-0012	CLF	3/4" EMT With 5 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	766.53	297.16
16125-0013	CLF	3/4" EMT With 6 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	830.02	319.96
16125-0014	CLF	1" EMT With 3 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	750.60	291.36
16125-0015	CLF	1" EMT With 4 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	800.54	310.68
16125-0016	CLF	1" EMT With 5 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	840.23	330.39
16125-0017	CLF	1" EMT With 6 #12 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	901.42	350.10
16125-0018	CLF	1" EMT With 3 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	788.90	300.70
16125-0019	CLF	1" EMT With 4 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	852.16	323.44
16125-0020	CLF	1" EMT With 5 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	916.33	346.62
16125-0021	CLF	1" EMT With 6 #10 THHN/THWN Assembly..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	982.21	369.23
16125-0022	RGS Conduit Assembly <small>(16125)</small>			
		Note: Includes conduit, terminations, straps, wire as indicated; per CLF		
16125-0023	CLF	1/2" RGS With 3 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	652.47	236.69
16125-0024	CLF	1/2" RGS With 4 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	703.46	256.52
16125-0025	CLF	1/2" RGS With 3 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	691.54	246.40
16125-0026	CLF	1/2" RGS With 4 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	754.45	268.95
16125-0027	CLF	3/4" RGS With 3 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	748.94	267.98
16125-0028	CLF	3/4" RGS With 4 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	903.35	339.54
16125-0029	CLF	3/4" RGS With 5 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	849.43	306.88
16125-0030	CLF	3/4" RGS With 3 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	787.39	277.58
16125-0031	CLF	3/4" RGS With 4 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	850.75	300.44
16125-0032	CLF	3/4" RGS With 5 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	915.21	323.24
16125-0033	CLF	1" RGS With 4 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	973.00	335.54
16125-0034	CLF	1" RGS With 5 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,022.43	355.18
16125-0035	CLF	1" RGS With 6 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,074.57	374.76
16125-0036	CLF	1" RGS With 4 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,024.10	348.42
16125-0037	CLF	1" RGS With 5 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,088.52	371.22
16125-0038	CLF	1" RGS With 6 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,151.23	394.08

16130 Raceways (16100)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0001		Wireway With Screw Cover ⁽¹⁶¹³⁰⁾		
		Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
16130-0002		2-1/2" x 2-1/2", Wireway With Screw Cover ⁽¹⁶¹³⁰⁻⁰⁰⁰¹⁾		
16130-0003	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	11.51	3.22
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.25	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.32	
16130-0004	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	11.50	4.83
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.09	
16130-0005	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	13.89	6.02
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.09	
16130-0006	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	27.93	11.27
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.27	
16130-0007	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	38.65	11.27
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.81	
16130-0008	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	56.63	16.04
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.23	
16130-0009	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	63.33	17.71
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.40	
16130-0010		4" x 4", Wireway With Screw Cover ⁽¹⁶¹³⁰⁻⁰⁰⁰¹⁾		
16130-0011	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	14.16	4.06
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.31	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.40	
16130-0012	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	22.48	4.06
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.72	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.40	
16130-0013	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	9.00	3.54
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.10	
16130-0014	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	15.44	6.76
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.10	
16130-0015	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	33.43	13.78
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.29	
16130-0016	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	45.22	13.78
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.88	
16130-0017	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	62.56	17.90
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.34	
16130-0018	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	72.48	20.93
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.53	
16130-0019		6" x 6", Wireway With Screw Cover ⁽¹⁶¹³⁰⁻⁰⁰⁰¹⁾		
16130-0020	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	20.09	4.83
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.52	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.48	
16130-0021	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	34.68	4.83
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.25	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.48	
16130-0022	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	10.80	3.86
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.15	
16130-0023	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	19.18	8.05
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.15	
16130-0024	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	44.00	16.04
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.60	
16130-0025	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	56.46	16.04
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.22	
16130-0026	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	83.94	20.03
		16MOD-0247 For Combination Hinged Screw Cover, Add	2.20	
16130-0027	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	92.36	23.19
		16MOD-0247 For Combination Hinged Screw Cover, Add	2.30	
16130-0028		8" x 8", Wireway With Screw Cover ⁽¹⁶¹³⁰⁻⁰⁰⁰¹⁾		
16130-0029	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	30.05	5.29
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.98	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.53	
16130-0030	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	50.83	5.29
		16MOD-0247 For Combination Hinged Screw Cover, Add	2.02	
		16MOD-0374 For Concrete Or Masonry Surface, Add	0.53	
16130-0031	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	11.85	4.18
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.17	
16130-0032	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	20.86	8.70
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.17	
16130-0033	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	48.90	17.64
		16MOD-0247 For Combination Hinged Screw Cover, Add	0.68	
16130-0034	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	69.13	17.64
		16MOD-0247 For Combination Hinged Screw Cover, Add	1.69	
16130-0035	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	98.79	21.77
		16MOD-0247 For Combination Hinged Screw Cover, Add	2.76	
16130-0036	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	134.24	26.41
		16MOD-0247 For Combination Hinged Screw Cover, Add	4.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0037 10" x 10", Wireway With Screw Cover <small>(16130-0001)</small>		
16130-0038 LF 10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover.....	42.23	6.12
16MOD-0247 For Combination Hinged Screw Cover, Add	1.50	
16MOD-0374 For Concrete Or Masonry Surface, Add	0.61	
16130-0039 LF 10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	70.35	6.12
16MOD-0247 For Combination Hinged Screw Cover, Add	2.90	
16MOD-0374 For Concrete Or Masonry Surface, Add	0.61	
16130-0040 EA 10" x 10", End Plate For Surface Mounted Wireway With Screw Cover.....	15.62	4.83
16MOD-0247 For Combination Hinged Screw Cover, Add	0.30	
16130-0041 EA 10" x 10", Coupling For Surface Mounted Wireway With Screw Cover.....	25.28	9.66
16MOD-0247 For Combination Hinged Screw Cover, Add	0.30	
16130-0042 EA 10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	61.20	19.19
16MOD-0247 For Combination Hinged Screw Cover, Add	1.14	
16130-0043 EA 10" x 10", Elbow For Surface Mounted Wireway With Screw Cover.....	101.33	19.19
16MOD-0247 For Combination Hinged Screw Cover, Add	3.15	
16130-0044 EA 10" x 10", Tee For Surface Mounted Wireway With Screw Cover.....	148.74	24.21
16MOD-0247 For Combination Hinged Screw Cover, Add	5.02	
16130-0045 EA 10" x 10", Cross For Surface Mounted Wireway With Screw Cover.....	205.54	27.37
16MOD-0247 For Combination Hinged Screw Cover, Add	7.54	
16130-0046 12" x 12", Wireway With Screw Cover <small>(16130-0001)</small>		
16130-0047 LF 12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover.....	49.78	7.40
16MOD-0247 For Combination Hinged Screw Cover, Add	1.75	
16MOD-0374 For Concrete Or Masonry Surface, Add	0.74	
16130-0048 LF 12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	78.04	7.40
16MOD-0247 For Combination Hinged Screw Cover, Add	3.16	
16MOD-0374 For Concrete Or Masonry Surface, Add	0.74	
16130-0049 EA 12" x 12", End Plate For Surface Mounted Wireway With Screw Cover.....	19.41	5.16
16MOD-0247 For Combination Hinged Screw Cover, Add	0.46	
16130-0050 EA 12" x 12", Coupling For Surface Mounted Wireway With Screw Cover.....	29.72	10.30
16MOD-0247 For Combination Hinged Screw Cover, Add	0.46	
16130-0051 EA 12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	76.31	20.93
16MOD-0247 For Combination Hinged Screw Cover, Add	1.72	
16130-0052 EA 12" x 12", Elbow For Surface Mounted Wireway With Screw Cover.....	129.45	20.93
16MOD-0247 For Combination Hinged Screw Cover, Add	4.38	
16130-0053 EA 12" x 12", Tee For Surface Mounted Wireway With Screw Cover.....	165.80	25.76
16MOD-0247 For Combination Hinged Screw Cover, Add	5.71	
16130-0054 EA 12" x 12", Cross For Surface Mounted Wireway With Screw Cover.....	258.04	28.98
16MOD-0247 For Combination Hinged Screw Cover, Add	10.00	
16130-0055 Surface Metal Raceways <small>(16130)</small>		
Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
16130-0056 One Piece Surface Metal Raceways <small>(16130-0055)</small>		
Note: Exposed installations on masonry, concrete masonry unit (CMU) or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
16130-0057 #500, 3/4" x 17/32" <small>(16130-0056)</small>		
Note: Available in ivory		
16130-0058 LF #500 Raceway.....	2.98	0.96
16MOD-0374 For Concrete Or Masonry Surface, Add	0.10	
16130-0059 EA #502 Bushing.....	2.82	1.28
16130-0060 EA #504 One Or Two Hole Strap.....	2.86	1.28
16130-0061 EA #506 Connection Cover.....	2.97	1.28
16130-0062 EA #511 Flat 90 Degree Elbow.....	4.61	1.54
16130-0063 EA #512 Flat 45 Degree Elbow.....	7.90	1.61
16130-0064 EA #517 Adjustable Internal Elbow.....	5.73	1.94
16130-0065 EA #518 Adjustable External Elbow.....	5.59	1.94
16130-0066 #700, 3/4" x 21/32" <small>(16130-0056)</small>		
Note: Available in ivory		
16130-0067 LF #700 Raceway.....	3.76	1.28
16MOD-0374 For Concrete Or Masonry Surface, Add	0.13	
16130-0068 EA #702 Bushing.....	2.90	1.28
16130-0069 EA #704 One Or Two Hole Strap.....	3.01	1.28
16130-0070 EA #706 Connection Cover.....	3.02	1.28
16130-0071 EA #711 Flat 90 Degree Elbow.....	6.75	2.58
16130-0072 EA #712 Flat 45 Degree Elbow.....	10.98	2.58
16130-0073 EA #717 Adjustable Internal Elbow.....	7.33	2.58
16130-0074 EA #718 Adjustable External Elbow.....	7.05	2.58
16130-0075 #500 And 700 Fittings <small>(16130-0056)</small>		
Note: Available in ivory		
16130-0076 EA #5700F 18" Flex Fitting, For #500 Or 700.....	21.96	1.94
16130-0077 EA #5701 Galvanized Coupling, For #500 Or 700.....	2.98	1.28
16130-0078 EA #5703 Supporting Clip, For #500 Or 700.....	3.00	1.28
16130-0079 EA #5709 Ground Clamp.....	8.88	1.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0080 EA #5711 Twisted Internal Ell (Right Or Left).....	8.89	2.58
16130-0081 EA #5715 Tee.....	10.06	3.22
16130-0082 EA #5719 Corner Box, 2-1/2" x 2-3/8" x 2-1/2".....	18.87	2.58
16130-0083 EA #57242 Utility Box For #200, #500 Or #700.....	13.32	2.58
16130-0084 EA #5731 Blank Cover, 2-3/8" Diameter.....	7.02	1.61
16130-0085 EA #5733 Outlet Box, 3" Diameter.....	16.29	2.58
16130-0086 EA #5735 Distribution Box, 4-3/4" Square x 1-3/8" Deep.....	16.66	2.58
16130-0087 EA #5736 Blank Cover, 4-3/8".....	7.48	1.61
16130-0088 EA #5737 Extension Box/Open Base, 4-3/4" Diameter.....	15.55	2.58
16130-0089 EA #5737A Extension Box/Open Base, 5-1/2" Diameter.....	15.79	2.58
16130-0090 EA #5739A Extension Box/Open Base, 6-3/8" Diameter.....	17.81	2.58
16130-0091 EA #5738 Fixture Box/Solid Base, 4-3/4" Diameter.....	14.84	2.58
16130-0092 EA #5738A Fixture Box/Solid Base, 5-1/2" Diameter.....	15.01	2.58
16130-0093 EA #5739 Fixture Box/Solid Base, 6-3/8".....	16.78	2.58
16130-0094 EA #57240 Standard Switch Box For #200, #500, Or #700.....	20.58	4.18
16130-0095 EA #57243G Duplex Receptacle And Box, Ground, For #200, #500 Or #700.....	30.51	8.05
16130-0096 EA #5741 Switch And Receptacle Box For Shallow Type Switches, 2-13/16" x 4-5/8" x 1-3/8".....	15.23	4.18
16130-0097 EA #5744 Extra Deep Switch And Receptacle Box, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4".....	23.86	4.18
16130-0098 EA #5744-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4".....	27.85	4.18
16130-0099 EA #5744-3 Extra Deep Switch And Receptacle Box, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4".....	40.95	4.18
16130-0100 EA #5744S Signal Box 1 Gang.....	21.70	3.54
16130-0101 EA #5744S2 Signal Box 2 Gang.....	24.32	3.54
16130-0102 EA #5744S3 Signal Box 3 Gang.....	38.33	3.54
16130-0103 EA #5745 Combination Switch And Receptacle Box With 1/2" KO's, 4-5/8" x 2-7/8" x 1-3/4".....	14.99	4.18
16130-0104 EA #5747 Shallow Switch And Receptacle Box For Standard Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8".....	13.76	4.18
16130-0105 EA #5747-2 Shallow Switch And Receptacle Box For Standard Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8".....	18.83	4.18
16130-0106 EA #5747-3 Shallow Switch And Receptacle Box For Standard Shallow Devices, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4".....	38.09	4.18
16130-0107 EA #5748 Switch And Receptacle Box For Deep Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4".....	14.89	4.18
16130-0108 EA #5748-2 Switch And Receptacle Box For Deep Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4".....	20.10	4.18
16130-0109 EA #5748-3 Switch And Receptacle Box For Deep Devices, 3 Gang, 4-5/8" x 6-1/2" x 1-3/4".....	37.47	4.18
16130-0110 EA #5748-4 Switch And Receptacle Box For Deep Devices, 4 Gang, 4-5/8" x 8-11/32" x 1-3/4".....	55.75	4.18
16130-0111 EA #5748-S Shallow Switch And Receptacle Box For Shallow Duplex Devices, 4-3/8" x 2-7/8" x 15/16".....	13.99	4.18
16130-0112 EA #5751 Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 15/16".....	14.19	4.18
16130-0113 EA #5751-2 Flush-Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 15/16".....	19.74	4.18
16130-0114 EA #5751-3 Flush-Type Extension Adapter, 3 Gang, 4-5/8" x 6-1/2" x 15/16".....	37.68	4.18
16130-0115 EA #5760 Blank Ext. Box.....	9.90	1.61
16130-0116 EA #5780 Special Nipple, 1/2".....	9.29	1.61
16130-0117 EA #5781 1/2" Box Connector.....	6.01	1.61
16130-0118 EA #5781A 3/4" Box Connector.....	11.76	1.94
16130-0119 EA #5784 1/2" Elbow Conduit Connector.....	13.24	1.94
16130-0120 EA #5785 Combination Connector, To Any 3-1/4" Or 4" Outlet Box.....	7.09	1.94
16130-0121 EA #5782 1/2" Conduit Connector.....	6.12	1.61
16130-0122 EA #5782A 3/4" Conduit Connector.....	14.68	1.94
16130-0123 EA #5786 Offset Connector.....	12.70	1.94
16130-0124 EA #5790B Armor Cable Connector.....	6.20	1.61
16130-0125 #1500, 1-9/16" x 11/32" (16130-0056)		
Note: Galvanized finish		
16130-0126 LF #1500-10 Raceway.....	5.33	1.61
16MOD-0374 For Concrete Or Masonry Surface, Add	0.16	
16130-0127 EA #1500WC Wire Clip.....	3.12	1.28
16130-0128 EA #1502 Bushing.....	3.87	1.61
16130-0129 EA #1504 2-Hole Strap.....	4.41	1.94
16130-0130 EA #1511 Flat Elbow.....	17.58	6.12
16130-0131 EA #1517 Internal Elbow.....	17.58	6.12
16130-0132 EA #1518 External Elbow.....	19.07	6.12
16130-0133 EA #1528 Utility Box.....	18.26	4.18
16130-0134 EA #1542D Junction Box.....	17.87	4.18
16130-0135 EA #1543GL Duplex Receptacle.....	34.64	8.05
16130-0136 EA #1546A Single Receptacle Box.....	19.70	4.18
16130-0137 EA #1546B Duplex Receptacle Box.....	22.20	4.18
16130-0138 EA #1546T Telephone Box.....	21.99	4.18
16130-0139 EA #1585 Combination Connection.....	10.55	1.94
16130-0140 #2600, 2-7/32" x 28/32" (16130-0056)		
Note: Galvanized finish		
16130-0141 LF #2600-10 Raceway.....	9.11	2.90
16MOD-0374 For Concrete Or Masonry Surface, Add	0.29	
16130-0142 EA #2600WC Wire Clip.....	3.23	1.28
16130-0143 EA #2602 Fiber Bushing.....	3.63	1.28
16130-0144 EA #2611 2-5/8 90 Degree Flat Elbow.....	12.97	2.26
16130-0145 EA #2642D Junction Box, 5" Diameter.....	19.38	3.22
16130-0146 EA #2686 Service Fitting.....	19.68	3.86
16130-0147 Two Piece Surface Metal Raceways (16130-0055)		
Note: Exposed installations on masonry, concrete masonry unit (CMU) or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
16130-0148 #2000, 3/4" x 1-9/32" (16130-0147)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0149 LF #2000BC Raceway Base And Cover.....	5.23	1.61
16MOD-0374 For Concrete Or Masonry Surface, Add	0.16	
16130-0150 EA #2000WC Wire Clip	2.38	1.28
16130-0151 EA #2001 Coupling.....	6.35	1.61
16130-0152 EA #2003 Supporting Clip	3.10	0.96
16130-0153 EA #2006 Cover Clip	2.85	0.96
16130-0154 EA #2009 Ground Clamp	7.45	1.61
16130-0155 EA #2010A2 Entrance End Fitting.....	14.64	4.83
16130-0156 EA #2010A3 Entrance End Fitting.....	24.93	6.44
16130-0157 EA #2010B Blank End Fitting	3.90	1.61
16130-0158 EA #2011 Flat 90 Degree Elbow	12.61	4.18
16130-0159 EA #2015 Tee.....	23.22	6.06
16130-0160 EA #2017TC Internal Corner Coupling.....	8.09	3.22
16130-0161 EA #2048 Single Gang device Box.....	19.15	5.73
16130-0162 EA #2048-2 2-Gang device Box	30.28	6.38
16130-0163 EA #2051H Flush Plate Adapter.....	20.65	6.38
16130-0164 EA #2089 Side Reducing Connector	17.56	3.22
16130-0165 EA #2089E End Reducing Connector	7.08	1.61
16130-0166 #2100, 1-1/4" x 7/8" <small>(16130-0147)</small>		
Note: Available in buff, gray enamel or ivory		
16130-0167 LF #2100B Raceway Base	4.97	1.61
16MOD-0374 For Concrete Or Masonry Surface, Add	0.16	
16130-0168 LF #2100CA Raceway Cover.....	1.65	0.32
16130-0169 EA #2100WC Wire Clip	2.41	1.28
16130-0170 EA #2101 Coupling.....	6.53	1.61
16130-0171 EA #2101A Rigid Coupling.....	5.65	1.61
16130-0172 EA #2106 Cover Clip	2.76	0.96
16130-0173 EA #2109 Grounding Adapter.....	10.61	3.22
16130-0174 EA #2110A 2-5/16" Entrance End Fitting.....	14.97	4.83
16130-0175 EA #2110B Blank End Fitting	5.57	1.61
16130-0176 EA #2110C1 3-1/2" Entrance End Fitting	29.71	4.83
16130-0177 EA #2111 Flat 90 Degree Elbow	15.74	4.83
16130-0178 EA #2115 Tee.....	17.91	4.76
16130-0179 EA #2117TC Internal Coupling.....	14.42	4.76
16130-0180 EA #2118A External Coupling	19.12	4.76
16130-0181 EA #2135 Distribution Box.....	45.23	9.66
16130-0182 EA #2141 Switch And Receptacle Box For Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8".....	18.12	4.18
16130-0183 EA #2141-2 Switch And Receptacle Box For Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8".....	39.35	4.18
16130-0184 EA #2144 Extra Deep Switch And Receptacle, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4".....	24.04	4.18
16130-0185 EA #2144-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4".....	45.38	4.18
16130-0186 EA #2151 Flush Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8".....	15.78	2.58
16130-0187 EA #2151-2 Flush Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8".....	42.94	2.58
16130-0188 #2400, 1-7/8" x 7/8" <small>(16130-0147)</small>		
16130-0189 LF #2400B Raceway Base	4.40	1.61
16MOD-0008 For Aluminum 24XX Series, Add	1.18	
16MOD-0374 For Concrete Or Masonry Surface, Add	0.16	
16130-0190 LF #2400C Raceway Cover.....	1.71	0.32
16MOD-0008 For Aluminum 24XX Series, Add	1.07	
16130-0191 EA #2400WC Wire Clip	2.37	1.28
16MOD-0009 For Aluminum 24XX Series, Add	0.32	
16130-0192 EA #2401 Coupling.....	6.30	1.61
16MOD-0009 For Aluminum 24XX Series, Add	0.38	
16130-0193 EA #2401D Raceway Coupling	5.17	1.61
16MOD-0009 For Aluminum 24XX Series, Add	1.46	
16130-0194 EA #2406 Cover Clip	2.95	0.96
16MOD-0009 For Aluminum 24XX Series, Add	0.76	
16130-0195 EA #2410A End Fitting	14.44	4.83
16MOD-0009 For Aluminum 24XX Series, Add	3.62	
16130-0196 EA #2410C Entrance End Fitting.....	21.70	4.83
16MOD-0009 For Aluminum 24XX Series, Add	9.06	
16130-0197 EA #2410B Blank End.....	3.92	1.61
16MOD-0009 For Aluminum 24XX Series, Add	0.53	
16130-0198 EA #2411M Flat 90 Degree Elbow	15.31	4.83
16MOD-0009 For Aluminum 24XX Series, Add	4.24	
16130-0199 EA #2415M Tee.....	18.23	4.76
16MOD-0009 For Aluminum 24XX Series, Add	6.47	
16130-0200 EA #2417M Internal Coupling.....	14.53	4.76
16MOD-0009 For Aluminum 24XX Series, Add	3.70	
16130-0201 EA #2418M External Coupling.....	17.91	4.76
16MOD-0009 For Aluminum 24XX Series, Add	6.23	
16130-0202 EA #2489 Side Reducing Connector	16.02	2.58
16130-0203 #3000, 2-3/4" x 1-17/32" <small>(16130-0147)</small>		
Note: Available in both gray enamel and ivory		
16130-0204 LF #3000B Raceway Base	8.54	2.90
16MOD-0010 For Aluminum 33XX Series, Add	4.38	
16MOD-0374 For Concrete Or Masonry Surface, Add	0.29	

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16130 Raceways



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0205 LF #3000CE Raceway Cover.....	2.07	0.32
16MOD-0010 For Aluminum 33XX Series, Add	2.29	
16130-0206 EA #3000WC Wire Clips For Conductors.....	3.26	1.28
16MOD-0011 For Aluminum 33XX Series, Add	0.92	
16130-0207 EA #3001 Couplings.....	8.41	1.28
16MOD-0011 For Aluminum 33XX Series, Add	1.83	
16130-0208 EA #3001A Rigid Inside Coupling.....	8.40	1.61
16MOD-0011 For Aluminum 33XX Series, Add	3.63	
16130-0209 EA #3003 Supporting Clip.....	6.16	1.61
16MOD-0011 For Aluminum 33XX Series, Add	2.06	
16130-0210 EA #3006E Clip Cover.....	3.49	1.28
16MOD-0011 For Aluminum 33XX Series, Add	0.64	
16130-0211 EA #3007C Device Brackets.....	9.21	2.58
16MOD-0011 For Aluminum 33XX Series, Add	2.84	
16130-0212 EA #3008C C-Hanger.....	10.25	1.94
16MOD-0011 For Aluminum 33XX Series, Add	4.47	
16130-0213 EA #3010AE Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors.....	20.98	6.12
16MOD-0011 For Aluminum 33XX Series, Add	6.12	
16130-0214 EA #3010B Blank End Fittings.....	7.74	2.58
16MOD-0011 For Aluminum 33XX Series, Add	1.81	
16130-0215 EA #3010C Entrance End Fitting For Connecting To Rigid Or Flexible Conduit.....	23.31	6.12
16MOD-0011 For Aluminum 33XX Series, Add	7.75	
16130-0216 EA #3011E Flat 90 Degree Elbow.....	34.89	7.98
16MOD-0011 For Aluminum 33XX Series, Add	13.26	
16130-0217 EA #3014C Wall Box Connector.....	25.36	8.05
16MOD-0011 For Aluminum 33XX Series, Add	6.52	
16130-0218 EA #3015E Tee Fitting.....	48.96	9.98
16MOD-0011 For Aluminum 33XX Series, Add	20.29	
16130-0219 EA #3017TCE Internal Corner Coupling.....	22.86	6.12
16MOD-0011 For Aluminum 33XX Series, Add	7.43	
16130-0220 EA #3018AE External Corner.....	28.43	6.12
16MOD-0011 For Aluminum 33XX Series, Add	11.33	
16130-0221 EA #3027AE Single Receptacle Cover, With Face Diameters Of 1.38"-1.4".....	19.99	6.12
16MOD-0011 For Aluminum 33XX Series, Add	5.43	
16130-0222 EA #3028 Utility Box.....	35.73	6.12
16MOD-0011 For Aluminum 33XX Series, Add	16.44	
16130-0223 EA #3033JE Single Receptacle Cover, With Face Diameters Of 1.56"-1.57".....	10.97	1.61
16MOD-0011 For Aluminum 33XX Series, Add	5.43	
16130-0224 EA #3036HE Blank Cover.....	12.75	1.61
16MOD-0011 For Aluminum 33XX Series, Add	6.67	
16130-0225 EA #3040CE Switch Cover.....	11.17	1.61
16MOD-0011 For Aluminum 33XX Series, Add	5.57	
16130-0226 EA #3044-2 Extra Deep Switch And Receptacle Box, 2 Gang.....	36.34	6.12
16MOD-0011 For Aluminum 33XX Series, Add	16.85	
16130-0227 EA #3046BE Duplex Receptacle Cover.....	11.36	1.94
16MOD-0011 For Aluminum 33XX Series, Add	5.25	
16130-0228 #4000, 4-3/4" x 1-3/4" (16130-0147)		
Note: Available in gray enamel or ivory		
16130-0229 LF #4000B-10 Raceway Base.....	10.55	2.90
16MOD-0374 For Concrete Or Masonry Surface, Add	0.31	
16130-0230 LF #4000C Raceway Cover.....	3.76	0.32
16130-0231 LF #4000D Divider.....	1.81	0.32
16130-0232 EA #4000WC Wire Clips For Conductors.....	4.07	1.61
16130-0233 EA #4001A Couplings.....	10.48	1.94
16130-0234 EA #4001D Divider Clip.....	4.87	1.94
16130-0235 EA #4007C-1 Device Plate, 1 Gang.....	11.29	4.18
16130-0236 EA #4007C-1R Single Device Fitting.....	14.55	4.18
16130-0237 EA #4007C-2 Device Plate, 2 Gang.....	12.04	4.18
16130-0238 EA #4010B Blank End Fittings.....	11.29	2.58
16130-0239 EA #4010D Entrance End Fitting.....	42.96	9.92
16130-0240 EA #4011 Flat 90 Degree Elbow.....	39.77	8.05
16130-0241 EA #4012TX Internal Or External 45 Degree Elbow.....	46.00	9.98
16130-0242 EA #4014A Wall Box Connector.....	62.47	9.98
16130-0243 EA #4015 Tee Fitting.....	64.92	9.98
16130-0244 EA #4015D Divided Tee Fitting.....	69.51	9.98
16130-0245 EA #4017 Internal Elbow.....	35.47	9.98
16130-0246 EA #4017N Inverted Internal Elbow.....	38.95	9.98
16130-0247 EA #4017TC Internal Corner Coupling.....	33.17	9.98
16130-0248 EA #4018 External Elbow.....	52.64	9.98
16130-0249 EA #4046A Or B Combination Single Or Double Receptacle And Telephone Outlet Cover.....	17.22	4.18
16130-0250 EA #4046H Tap-Off Fitting.....	15.23	4.18
16130-0251 EA #4046J Combination Single Receptacle And Phone Outlet Center.....	13.69	1.94
16130-0252 EA #4046T Telephone Outlet Cover.....	12.80	1.61
16130-0253 EA #4074A Take-off Connector, #4000 To #3000.....	87.46	9.98
16130-0254 EA #4086A Panel Connector.....	58.71	19.00
16130-0255 #6000, 4-3/4" x 3-9/16" (16130-0147)		
Note: Available in gray enamel or ivory		
16130-0256 LF #6000B-10 Raceway Base.....	15.55	3.54
16MOD-0374 For Concrete Or Masonry Surface, Add	0.35	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
16130-0257	LF #6000C Raceway Cover.....	4.51	0.96
16130-0258	LF #6000D Divider.....	4.66	0.96
16130-0259	EA #6000WC Wire Clips For Conductors.....	4.63	1.61
16130-0260	EA #6001A Couplings.....	12.82	3.22
16130-0261	EA #6001D Divider Clip.....	5.67	1.61
16130-0262	EA #6001TX Converter Coupling.....	16.32	4.18
16130-0263	EA #6006 Connection Cover.....	15.94	4.18
16130-0264	EA #6007C-1 Single Gang Device Plate.....	16.55	4.18
16130-0265	EA #6007C-2 Two Gang Device Plate.....	17.99	4.18
16130-0266	EA #6008A C-Hanger.....	25.60	6.12
16130-0267	EA #6010B Blank End Fittings.....	28.00	9.66
16130-0268	EA #6011TX Combination Flat Elbow.....	53.96	9.66
16130-0269	EA #6012TX Internal - External 45 Degree Elbow.....	53.62	9.28
16130-0270	EA #6014A Connector Fitting.....	78.66	9.98
16130-0271	EA #6017TX Combination Internal-External Elbow.....	55.80	10.95
16130-0272	EA #6046KD Circuit Breaker Housing.....	95.25	10.95
16130-0273	EA #6074 Take-off Connector, #6000 To #6000.....	100.68	9.66
16130-0274	EA #6074A Take-off Connector, #6000 To #4000.....	100.68	9.66
16130-0275	EA #6086 Panel Connector.....	59.74	22.41
16130-0276	Surface Metal Raceway With Outlets <small>(16130-0255)</small>		
	Note: Exposed installations on masonry, concrete masonry unit (CMU) or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
16130-0277	LF Plugmold #2000, 3' With Outlets 6" On Center, Single Circuit.....	21.56	5.14
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.51	
16130-0278	LF Plugmold #2000, 6' With Outlets 6" On Center, Single Circuit.....	17.09	3.66
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.37	
16130-0279	LF Plugmold #2000, 6' With Outlets 9" On Center, Single Circuit.....	15.60	3.87
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.39	
16130-0280	LF Plugmold #2000, 6' With Outlets 12" On Center, Single Circuit.....	14.67	3.66
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.37	
16130-0281	LF Plugmold #2000, 6' With Outlets 18" On Center, Single Circuit.....	13.58	3.73
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.37	
16130-0282	LF Plugmold #2000, 6' With Outlets 9" On Center, Two Circuits.....	20.68	3.66
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.37	
16130-0283	LF Plugmold #2000, 6' With Outlets 12" On Center, Two Circuits.....	17.67	3.66
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.37	
16130-0284	LF Plugmold #2000, 6' With Outlets 18" On Center, Two Circuits.....	16.51	3.66
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.37	
16130-0285	Surface Non-Metallic Raceways <small>(16130)</small>		
	Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
16130-0286	Wiremold Non-Metallic Raceways <small>(16130-0285)</small>		
	Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
16130-0287	#400, 7/16" x 7/8" <small>(16130-0286)</small>		
16130-0288	LF #400BC Raceway Base And Cover.....	4.37	1.28
	16MOD-0012 For Adhesive Back, Add	0.04	
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.13	
16130-0289	EA #400WC Wire Clip.....	2.87	1.28
16130-0290	EA #406 Cover Clip.....	3.05	1.28
16130-0291	EA #410B Blank End Clip.....	5.83	2.58
16130-0292	EA #411 Flat 90 Degree Elbow.....	6.95	2.58
16130-0293	EA #415 Tee.....	8.78	3.22
16130-0294	EA #417 Internal Elbow.....	6.82	2.58
16130-0295	EA #418 External Elbow.....	6.82	2.58
16130-0296	#800, 7/16" x 1-5/16" <small>(16130-0286)</small>		
16130-0297	LF #800BC Raceway Base And Cover.....	4.66	1.28
	16MOD-0013 For Adhesive Back, Add	0.08	
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.13	
16130-0298	EA #800WC Wire Clip.....	2.93	1.28
16130-0299	EA #806 Cover Clip.....	3.00	1.28
16130-0300	EA #810A2 Entrance End Fitting.....	10.80	2.58
16130-0301	EA #810B Blank End Fitting.....	5.91	2.58
16130-0302	EA #811 Flat 90 Degree Elbow.....	7.02	2.58
16130-0303	EA #815 Tee.....	8.85	3.22
16130-0304	EA #817 Internal Elbow.....	6.88	2.58
16130-0305	EA #818 External Elbow.....	6.88	2.58
16130-0306	EA #889A End Reducer, #800 To #400.....	7.89	2.58
16130-0307	#2300, 1 1/16" x 2-1/4" <small>(16130-0286)</small>		
16130-0308	LF #2300BC Raceway Base And Cover.....	5.46	1.28
	16MOD-0014 For Adhesive Back, Add	0.20	
	16MOD-0374 For Concrete Or Masonry Surface, Add	0.13	
16130-0309	EA #2300WC Wire Clip.....	2.98	1.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0310 EA #2306 Cover Clip	3.30	1.28
16130-0311 EA #2310A Entrance End Fitting	10.69	2.58
16130-0312 EA #2310B Blank End Fitting	6.30	2.58
16130-0313 EA #2311 Flat 90 Degree Elbow	7.17	2.58
16130-0314 EA #2315 Tee.....	8.88	3.22
16130-0315 EA #2317 Internal Elbow	7.17	2.58
16130-0316 EA #2318 External Elbow	7.17	2.58
16130-0317 EA #2389A End Reducer, #2300 To #800.....	8.51	2.58
16130-0318 EA #2389 End Reducer, #2300 To #400.....	8.15	2.58
16130-0319 #400, #800 Or #2300 Fittings (16130-0286)		
16130-0320 EA #2336 Blank Cover, 4-1/2" Diameter	9.34	2.26
16130-0321 EA #2337A Extension Box, 5-1/2" Diameter.....	15.90	2.58
16130-0322 EA #2338-A Fixture Box, 5-1/2" Diameter	15.90	2.58
16130-0323 EA #2344 Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide.....	14.15	2.58
16130-0324 EA #2344-2 Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide.....	16.37	2.58
16130-0325 EA #2347 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide	13.13	4.18
16130-0326 EA #2347-2 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide.....	15.43	4.18
16130-0327 EA #2348 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide	13.77	4.18
16130-0328 EA #2348-2 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide.....	17.12	4.18
16130-0329 EA #2348-3 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide	21.71	4.18
16130-0330 EA #2348S/51 Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide.....	12.95	4.18
16130-0331 #2700, 3/4" x 3/8" (16130-0286)		
16130-0332 LF #2700 Raceway	3.77	1.28
16MOD-0374 For Concrete Or Masonry Surface, Add	0.13	
16130-0333 EA #2700WC 3/4" Wire Clip	1.53	0.64
16130-0334 EA #2706 Cover Clip.....	2.47	0.64
16130-0335 EA #2710B Blank End	3.77	1.28
16130-0336 EA #2711 Flat 90 Degree Elbow	4.41	1.61
16130-0337 EA #2715 Tee.....	6.99	2.90
16130-0338 EA #2717 Internal Elbow	5.05	1.94
16130-0339 EA #2718 External Elbow.....	5.05	1.94
16130-0340 EA #2786 Drop Ceiling Connector.....	6.00	2.26
16130-0341 #2800, 1" x 1/2" (16130-0286)		
16130-0342 LF #2800 Raceway	4.74	1.61
16MOD-0374 For Concrete Or Masonry Surface, Add	0.16	
16130-0343 EA #2800WC 1" Wire Clip	2.29	0.96
16130-0344 EA #2806 Cover Clip.....	3.23	0.96
16130-0345 EA #2810B Blank End	4.51	1.61
16130-0346 EA #2811 Flat 90 Degree Elbow	5.79	2.26
16130-0347 EA #2815 Tee.....	8.37	3.54
16130-0348 EA #2817 Internal Elbow	6.45	2.58
16130-0349 EA #2818 External Elbow	6.45	2.58
16130-0350 EA #2886 Drop Ceiling Connector.....	7.30	2.90
16130-0351 EA #2889 2800-2700 Reducer	6.66	2.58
16130-0352 #2900, 1-1/2" x 3/4" (16130-0286)		
16130-0353 LF #2900 Raceway	5.79	1.94
16MOD-0374 For Concrete Or Masonry Surface, Add	0.19	
16130-0354 EA #2900WC 1-1/2" Wire Clip.....	3.02	1.28
16130-0355 EA #2906 Cover Clip.....	3.94	1.28
16130-0356 EA #2910B Blank End	5.22	1.94
16130-0357 EA #2911 Flat 90 Degree Elbow	6.52	2.58
16130-0358 EA #2915 Tee.....	9.09	3.86
16130-0359 EA #2917 Internal Elbow	7.16	2.90
16130-0360 EA #2918 External Elbow.....	7.16	2.90
16130-0361 EA #2986 Drop Ceiling Connector.....	7.30	2.90
16130-0362 EA #2989A 2900-2800 Reducer.....	8.12	3.22
16130-0363 EA #2989A 2900-2700 Reducer.....	7.92	3.22
16130-0364 #5000, 5" (16130-0286)		
16130-0365 LF #5000B Base	9.18	2.90
16MOD-0374 For Concrete Or Masonry Surface, Add	0.29	
16130-0366 LF #5000C Cover, Black, Gray Or White.....	8.61	2.90
16130-0367 LF #5000C Cover, Vinyl, Black Or Gray.....	8.61	2.90
16130-0368 LF #5000C Cover, Oak Veneer.....	15.22	2.90
16130-0369 LF #5000C Cover, Wood	12.48	2.90
16130-0370 LF #5000T Quarter Round Trim, Black, Gray Or White	1.29	0.32
16130-0371 LF #5000T Quarter Round Trim, Vinyl, Black Or Gray.....	1.29	0.32
16130-0372 LF #5000T Quarter Round Trim, Oak Veneer.....	4.71	0.32
16130-0373 LF #5000T Quarter Round Trim, Wood Veneer	2.93	0.32
16130-0374 EA #5001 Base Coupling.....	8.23	3.22
16130-0375 EA #5004 Blank/Coax Adapter	4.94	1.61



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16130-0376	EA	#5005 Low Voltage Blank Plate	6.67	1.94
16130-0377	EA	#5006 Cover Clip	9.18	3.22
16130-0378	EA	#5006A Internal Wire Guard	8.28	3.22
16130-0379	EA	#5007C Device Bracket	9.75	3.22
16130-0380	EA	#5007C-1 Device Plate	17.70	6.44
16130-0381	EA	#5007C-2 Deep Device Plate	17.94	6.44
16130-0382	EA	#5010 End Cap, Right Or Left.....	14.94	6.12
16130-0383	EA	#5010A Entrance End Feed.....	30.30	9.98
16130-0384	EA	#5017B Internal Base Elbow.....	20.13	8.05
16130-0385	EA	#5017C Internal Cover Elbow	18.81	6.44
16130-0386	EA	#5017WG Internal Elbow Wire Guard.....	12.63	4.83
16130-0387	EA	#5018B External Base Elbow	20.19	8.05
16130-0388	EA	#5018C External Cover Elbow.....	19.38	6.44
16130-0389	EA	#5018WG External Elbow Wire Guard	8.39	3.22
16130-0390 #5400, 5-1/4" x 1-11/16" (16130-0286)				
16130-0391	LF	#5400B Two Compartment Base	9.90	2.90
16MOD-0374 For Concrete Or Masonry Surface, Add			0.29	
16130-0392	LF	#5400TC Cover	2.26	0.32
16130-0393	EA	#5400TWC Wire Clips	3.65	1.61
16130-0394	EA	#5406 Cover Clip	5.29	1.94
16130-0395	EA	#5450 5-5/32" x 6" Device Bracket	15.17	3.22
16130-0396	EA	#5450A3 7-19/32" x 7-1/2" Device Bracket.....	20.49	3.22
16130-0397	EA	#5410 End Cap.....	17.53	6.12
16130-0398	EA	#5410D Entrance End Fitting.....	35.28	9.98
16130-0399	EA	#5411 Flat 90 Degree Elbow	32.41	8.05
16130-0400	EA	#5415 Tee Fitting	37.27	9.98
16130-0401	EA	#5417 Internal Elbow	30.31	9.98
16130-0402	EA	#5418 External Elbow	30.81	9.98
16130-0403	EA	#5474 Transition Fitting	32.18	9.98
16130-0404 #5500, 6-11/16" x 1-11/16" (16130-0286)				
16130-0405	LF	#5500BD Three Compartment Divided Base.....	12.70	2.90
16MOD-0374 For Concrete Or Masonry Surface, Add			0.29	
16130-0406	LF	#5500C Cover.....	4.85	0.32
16130-0407	LF	#5500D Divider	2.11	0.32
16130-0408	EA	#5500WC Wire Clips	4.37	1.61
16130-0409	EA	#5506 Cover Clip.....	7.37	1.94
16130-0410	EA	#5550 6-5/8" x 6" Device Bracket	18.25	3.22
16130-0411	EA	#5550A4 9-5/8" x 7-1/2" Device Bracket.....	25.95	3.22
16130-0412	EA	#5510 End Cap.....	19.37	6.12
16130-0413	EA	#5510D Entrance End Fitting.....	40.71	9.98
16130-0414	EA	#5511 Flat 90 Degree Elbow	38.06	8.05
16130-0415	EA	#5514A Backfeed Connector.....	29.08	8.05
16130-0416	EA	#5515 Tee Fitting.....	43.31	9.98
16130-0417	EA	#5517 Internal Elbow	33.93	9.98
16130-0418	EA	#5518 External Elbow	35.04	9.98
16130-0419	EA	#5574 Transition Fitting	36.89	9.98
16130-0420	EA	#5574A Transition Fitting.....	46.49	9.98
16131 Conduit (16100)				
Note: Includes warning tape for underground conduits. Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.				
16131-0001		Conduit Installed Above Grade (16131)		
See CSI section 16190-0000 for hanger and supporting fastener.				
16131-0002		RGS Conduit (16131-0001)		
Note: Exposed installation, conditions branch and feeder conduit. Excludes supporting strap, hanger and fastening.				
16131-0003		RGS Conduit With Threaded Coupling (16131-0002)		
Note: Includes field bending for conduit up to 1".				
16131-0004	LF	1/2" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	4.76	1.09
16MOD-0015 For > 250 To 500, Deduct			-0.06	
16MOD-0016 For > 500 To 1000, Deduct			-0.27	
16MOD-0017 For > 1000, Deduct			-0.39	
16MOD-0018 For Installation In Metal Stud Wall, Add			0.35	
16MOD-0019 For Installation In Wood Stud Wall (Includes Drilling), Add			0.89	
16MOD-0020 For Installation In Concrete (Excludes Concrete), Add			0.53	
16MOD-0028 For Work In Restricted Working Space, Add			1.06	
16MOD-0029 For Installation Above 14', Add			0.53	
16131-0005	LF	3/4" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	5.36	1.35
16MOD-0015 For > 250 To 500, Deduct			-0.08	
16MOD-0016 For > 500 To 1000, Deduct			-0.31	
16MOD-0017 For > 1000, Deduct			-0.44	
16MOD-0018 For Installation In Metal Stud Wall, Add			0.39	
16MOD-0019 For Installation In Wood Stud Wall (Includes Drilling), Add			0.97	
16MOD-0020 For Installation In Concrete (Excludes Concrete), Add			0.58	
16MOD-0028 For Work In Restricted Working Space, Add			1.16	
16MOD-0029 For Installation Above 14', Add			0.58	

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16131 Conduit



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0006	LF	1" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	6.83	1.48
	16MOD-0015	For > 250 To 500, Deduct	-0.12	
	16MOD-0016	For > 500 To 1000, Deduct	-0.40	
	16MOD-0017	For > 1000, Deduct	-0.57	
	16MOD-0018	For Installation In Metal Stud Wall, Add	0.45	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	1.13	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	0.68	
	16MOD-0028	For Work In Restricted Working Space, Add	1.35	
	16MOD-0029	For Installation Above 14', Add	0.68	
16131-0007	LF	1-1/4" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	8.26	2.00
	16MOD-0015	For > 250 To 500, Deduct	-0.16	
	16MOD-0016	For > 500 To 1000, Deduct	-0.49	
	16MOD-0017	For > 1000, Deduct	-0.70	
	16MOD-0018	For Installation In Metal Stud Wall, Add	0.52	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	1.29	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	0.77	
	16MOD-0028	For Work In Restricted Working Space, Add	1.55	
	16MOD-0029	For Installation Above 14', Add	0.77	
16131-0008	LF	1-1/2" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	9.60	2.26
	16MOD-0015	For > 250 To 500, Deduct	-0.19	
	16MOD-0016	For > 500 To 1000, Deduct	-0.58	
	16MOD-0017	For > 1000, Deduct	-0.82	
	16MOD-0018	For Installation In Metal Stud Wall, Add	0.58	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	1.45	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	0.87	
	16MOD-0028	For Work In Restricted Working Space, Add	1.74	
	16MOD-0029	For Installation Above 14', Add	0.87	
16131-0009	LF	2" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	12.16	2.51
	16MOD-0015	For > 250 To 500, Deduct	-0.25	
	16MOD-0016	For > 500 To 1000, Deduct	-0.74	
	16MOD-0017	For > 1000, Deduct	-1.04	
	16MOD-0018	For Installation In Metal Stud Wall, Add	0.71	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	1.77	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	1.06	
	16MOD-0028	For Work In Restricted Working Space, Add	2.12	
	16MOD-0029	For Installation Above 14', Add	1.06	
16131-0010	LF	2-1/2" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	18.08	3.67
	16MOD-0015	For > 250 To 500, Deduct	-0.42	
	16MOD-0016	For > 500 To 1000, Deduct	-1.11	
	16MOD-0017	For > 1000, Deduct	-1.57	
	16MOD-0018	For Installation In Metal Stud Wall, Add	0.97	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	2.42	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	1.45	
	16MOD-0028	For Work In Restricted Working Space, Add	2.90	
	16MOD-0029	For Installation Above 14', Add	1.45	
16131-0011	LF	3" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	23.59	4.63
	16MOD-0015	For > 250 To 500, Deduct	-0.54	
	16MOD-0016	For > 500 To 1000, Deduct	-1.45	
	16MOD-0017	For > 1000, Deduct	-2.04	
	16MOD-0018	For Installation In Metal Stud Wall, Add	1.29	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	3.22	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	1.93	
	16MOD-0028	For Work In Restricted Working Space, Add	3.86	
	16MOD-0029	For Installation Above 14', Add	1.93	
16131-0012	LF	3-1/2" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	29.17	4.89
	16MOD-0015	For > 250 To 500, Deduct	-0.65	
	16MOD-0016	For > 500 To 1000, Deduct	-1.79	
	16MOD-0017	For > 1000, Deduct	-2.51	
	16MOD-0018	For Installation In Metal Stud Wall, Add	1.61	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	4.03	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	2.42	
	16MOD-0028	For Work In Restricted Working Space, Add	4.83	
	16MOD-0029	For Installation Above 14', Add	2.42	
16131-0013	LF	4" RGS Conduit With Coupling, Mounted Exposed On Flat Wall.....	34.53	5.41
	16MOD-0015	For > 250 To 500, Deduct	-0.76	
	16MOD-0016	For > 500 To 1000, Deduct	-2.11	
	16MOD-0017	For > 1000, Deduct	-2.97	
	16MOD-0018	For Installation In Metal Stud Wall, Add	1.93	
	16MOD-0019	For Installation In Wood Stud Wall (Includes Drilling), Add	4.83	
	16MOD-0020	For Installation In Concrete (Excludes Concrete), Add	2.90	
	16MOD-0028	For Work In Restricted Working Space, Add	5.80	
	16MOD-0029	For Installation Above 14', Add	2.90	
16131-0014		90 Degree Elbow <small>(16131-0002)</small>		
		See CSI section 16131-0525 for conduit field bending.		
16131-0015	EA	1/2" RGS 90 Degree Elbow	19.41	6.38
	16MOD-0028	For Work In Restricted Working Space, Add	4.80	
	16MOD-0029	For Installation Above 14', Add	2.40	
16131-0016	EA	3/4" RGS 90 Degree Elbow	23.58	7.92
	16MOD-0028	For Work In Restricted Working Space, Add	5.96	
	16MOD-0029	For Installation Above 14', Add	2.98	
16131-0017	EA	1" RGS 90 Degree Elbow	29.84	9.73
	16MOD-0028	For Work In Restricted Working Space, Add	7.27	
	16MOD-0029	For Installation Above 14', Add	3.64	



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16131-0018	EA 1-1/4" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	36.23 8.45 4.22	11.27
16131-0019	EA 1-1/2" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	43.05 9.70 4.85	12.95
16131-0020	EA 2" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	50.74 10.67 5.33	14.23
16131-0021	EA 2-1/2" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	73.49 13.33 6.66	17.77
16131-0022	EA 3" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	104.21 18.16 9.08	24.21
16131-0023	EA 3-1/2" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	137.60 20.48 10.24	27.30
16131-0024	EA 4" RGS 90 Degree Elbow 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	172.42 26.66 13.33	35.55
16131-0025	Plastic Bushing Set With Locknut (16131-0002)		
16131-0026	EA 1/2" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	8.73 2.51 1.26	3.35
16131-0027	EA 3/4" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	10.22 2.90 1.45	3.86
16131-0028	EA 1" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	13.15 3.67 1.84	4.89
16131-0029	EA 1-1/4" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	16.09 4.44 2.22	5.93
16131-0030	EA 1-1/2" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	17.97 4.83 2.42	6.44
16131-0031	EA 2" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	22.96 5.99 2.99	7.98
16131-0032	EA 2-1/2" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	39.50 9.66 4.83	12.88
16131-0033	EA 3" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	52.77 13.33 6.67	17.77
16131-0034	EA 3-1/2" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	64.75 15.65 7.83	20.86
16131-0035	EA 4" RGS Plastic Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	76.10 18.16 9.08	24.21
16131-0036	Steel Insulated Grounding Bushing Set With Locknut (16131-0002)		
16131-0037	EA 1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	16.18 3.67 1.84	4.89
16131-0038	EA 3/4" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	19.83 4.44 2.22	5.93
16131-0039	EA 1" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	21.91 4.83 2.42	6.44
16131-0040	EA 1-1/4" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	27.47 5.99 3.00	7.98
16131-0041	EA 1-1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	32.98 7.34 3.67	9.79
16131-0042	EA 2" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	39.57 8.50 4.25	11.33
16131-0043	EA 2-1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	64.30 13.33 6.66	17.77
16131-0044	EA 3" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	77.57 15.65 7.83	20.86
16131-0045	EA 3-1/2" RGS Steel Insulated Grounding Bushing Set With Locknuts 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	93.11 18.16 9.08	24.21

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16131-0046	EA		4" RGS Steel Insulated Grounding Bushing Set With Locknuts.....	110.69	27.30
	16MOD-0028		For Work In Restricted Working Space, Add	20.48	
	16MOD-0029		For Installation Above 14', Add	10.24	
16131-0047			LB, LL Or LR 2 Hub Conduit Body With Cover (16131-0002)		
16131-0048	EA		1/2" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	41.67	12.37
	16MOD-0021		For Mogul LB, Add	6.52	
	16MOD-0028		For Work In Restricted Working Space, Add	9.27	
	16MOD-0029		For Installation Above 14', Add	4.64	
16131-0049	EA		3/4" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	48.33	14.17
	16MOD-0021		For Mogul LB, Add	7.91	
	16MOD-0028		For Work In Restricted Working Space, Add	10.63	
	16MOD-0029		For Installation Above 14', Add	5.31	
16131-0050	EA		1" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	60.33	16.49
	16MOD-0021		For Mogul LB, Add	12.28	
	16MOD-0028		For Work In Restricted Working Space, Add	12.36	
	16MOD-0029		For Installation Above 14', Add	6.18	
16131-0051	EA		1-1/4" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	75.50	18.81
	16MOD-0021		For Mogul LB, Add	19.02	
	16MOD-0028		For Work In Restricted Working Space, Add	14.10	
	16MOD-0029		For Installation Above 14', Add	7.05	
16131-0052	EA		1-1/2" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	80.02	20.61
	16MOD-0021		For Mogul LB, Add	18.79	
	16MOD-0028		For Work In Restricted Working Space, Add	15.46	
	16MOD-0029		For Installation Above 14', Add	7.73	
16131-0053	EA		2" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	121.34	24.73
	16MOD-0021		For Mogul LB, Add	41.54	
	16MOD-0028		For Work In Restricted Working Space, Add	18.55	
	16MOD-0029		For Installation Above 14', Add	9.27	
16131-0054	EA		2-1/2" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	206.59	34.78
	16MOD-0021		For Mogul LB, Add	85.38	
	16MOD-0028		For Work In Restricted Working Space, Add	26.09	
	16MOD-0029		For Installation Above 14', Add	13.04	
16131-0055	EA		3" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	270.39	46.37
	16MOD-0021		For Mogul LB, Add	110.05	
	16MOD-0028		For Work In Restricted Working Space, Add	34.78	
	16MOD-0029		For Installation Above 14', Add	17.39	
16131-0056	EA		3-1/2" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	408.57	57.97
	16MOD-0021		For Mogul LB, Add	190.50	
	16MOD-0028		For Work In Restricted Working Space, Add	43.47	
	16MOD-0029		For Installation Above 14', Add	21.74	
16131-0057	EA		4" RGS Type LB, LL Or LR 2 Hub Conduit Body With Cover	501.22	70.58
	16MOD-0021		For Mogul LB, Add	234.74	
	16MOD-0028		For Work In Restricted Working Space, Add	52.94	
	16MOD-0029		For Installation Above 14', Add	26.47	
16131-0058			Type T 3 Hub Conduit Body With Cover (16131-0002)		
16131-0059	EA		1/2" RGS Type T 3 Hub Conduit Body With Cover	48.47	14.17
	16MOD-0028		For Work In Restricted Working Space, Add	10.63	
	16MOD-0029		For Installation Above 14', Add	5.31	
16131-0060	EA		3/4" RGS Type T 3 Hub Conduit Body With Cover	56.73	16.49
	16MOD-0028		For Work In Restricted Working Space, Add	12.37	
	16MOD-0029		For Installation Above 14', Add	6.18	
16131-0061	EA		1" RGS Type T 3 Hub Conduit Body With Cover	68.13	18.03
	16MOD-0028		For Work In Restricted Working Space, Add	13.53	
	16MOD-0029		For Installation Above 14', Add	6.76	
16131-0062	EA		1-1/4" RGS Type T 3 Hub Conduit Body With Cover	83.81	20.61
	16MOD-0028		For Work In Restricted Working Space, Add	15.46	
	16MOD-0029		For Installation Above 14', Add	7.73	
16131-0063	EA		1-1/2" RGS Type T 3 Hub Conduit Body With Cover	98.46	22.67
	16MOD-0028		For Work In Restricted Working Space, Add	17.00	
	16MOD-0029		For Installation Above 14', Add	8.50	
16131-0064	EA		2" RGS Type T 3 Hub Conduit Body With Cover	131.53	26.53
	16MOD-0028		For Work In Restricted Working Space, Add	19.90	
	16MOD-0029		For Installation Above 14', Add	9.95	
16131-0065	EA		2-1/2" RGS Type T 3 Hub Conduit Body With Cover	220.69	38.65
	16MOD-0028		For Work In Restricted Working Space, Add	28.98	
	16MOD-0029		For Installation Above 14', Add	14.49	
16131-0066	EA		3" RGS Type T 3 Hub Conduit Body With Cover	301.57	50.23
	16MOD-0028		For Work In Restricted Working Space, Add	37.67	
	16MOD-0029		For Installation Above 14', Add	18.84	
16131-0067	EA		3-1/2" RGS Type T 3 Hub Conduit Body With Cover	448.30	61.83
	16MOD-0028		For Work In Restricted Working Space, Add	46.37	
	16MOD-0029		For Installation Above 14', Add	23.19	
16131-0068	EA		4" RGS Type T 3 Hub Conduit Body With Cover	535.09	74.46
	16MOD-0028		For Work In Restricted Working Space, Add	55.84	
	16MOD-0029		For Installation Above 14', Add	27.92	
16131-0069			Type C Conduit Body With Cover (16131-0002)		
16131-0070	EA		1/2" RGS Type C Conduit Body With Cover	37.71	12.37
	16MOD-0028		For Work In Restricted Working Space, Add	9.27	
	16MOD-0029		For Installation Above 14', Add	4.64	



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16131-0071 EA 3/4" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	45.19 10.63 5.31	14.17
16131-0072 EA 1" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	54.75 12.17 6.09	16.23
16131-0073 EA 1-1/4" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	67.73 14.10 7.05	18.81
16131-0074 EA 1-1/2" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	74.11 15.46 7.73	20.61
16131-0075 EA 2" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	99.44 18.55 9.27	24.73
16131-0076 EA 2-1/2" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	142.35 26.08 13.04	34.78
16131-0077 EA 3" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	187.97 34.78 17.39	46.37
16131-0078 EA 3-1/2" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	250.14 43.47 21.74	57.97
16131-0079 EA 4" RGS Type C Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	314.99 52.94 26.47	70.58
16131-0080 Type X 4 Hub Conduit Body With Cover (16131-0002)		
16131-0081 EA 1/2" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	49.29 12.17 6.09	16.23
16131-0082 EA 3/4" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	55.56 13.53 6.76	18.03
16131-0083 EA 1" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	65.30 14.88 7.44	19.84
16131-0084 EA 1-1/4" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	79.69 17.00 8.50	22.67
16131-0085 EA 1-1/2" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	92.53 18.55 9.27	24.73
16131-0086 EA 2" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	123.45 22.80 11.40	30.40
16131-0087 EA 2-1/2" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	193.60 33.43 16.71	44.56
16131-0088 EA 3" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	253.01 43.47 21.74	57.97
16131-0089 EA 3-1/2" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	379.88 53.71 26.86	71.62
16131-0090 EA 4" RGS Type X 4 Hub Conduit Body With Cover 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	439.83 64.53 32.27	86.04
16131-0091 Off-Set Nipple (16131-0002)		
16131-0092 EA 1/2" RGS Off-Set Nipple 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	9.48 2.53 1.27	3.35
16131-0093 EA 3/4" RGS Off-Set Nipple 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	11.21 2.88 1.44	3.86
16131-0094 EA 1" RGS Off-Set Nipple 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	14.11 3.69 1.84	4.89
16131-0095 EA 1-1/4" RGS Off-Set Nipple, Insulated 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	17.66 4.42 2.21	5.86
16131-0096 EA 1-1/2" RGS Off-Set Nipple, Insulated 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	19.34 4.83 2.42	6.44
16131-0097 EA 2" RGS Off-Set Nipple, Insulated 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	24.98 5.96 2.98	7.92
16131-0098 EA 2-1/2" RGS Off-Set Nipple, Insulated 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	40.75 9.66 4.83	12.88

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16131-0099 EA 3" RGS Off-Set Nipple, Insulated.....	63.84	17.77
16MOD-0028 For Work In Restricted Working Space, Add	13.33	
16MOD-0029 For Installation Above 14', Add	6.66	
16131-0100 EA 3-1/2" RGS Off-Set Nipple, Insulated.....	37.84	4.63
16MOD-0028 For Work In Restricted Working Space, Add	3.49	
16MOD-0029 For Installation Above 14', Add	1.74	
16131-0101 EA 4" RGS Off-Set Nipple, Insulated.....	93.51	24.21
16MOD-0028 For Work In Restricted Working Space, Add	18.16	
16MOD-0029 For Installation Above 14', Add	9.08	
16131-0102 Erickson Fitting (16131-0002)		
Note: 3-Piece coupling		
16131-0103 EA 1/2" RGS Erickson Fitting	28.01	10.30
16MOD-0028 For Work In Restricted Working Space, Add	7.74	
16MOD-0029 For Installation Above 14', Add	3.87	
16131-0104 EA 3/4" RGS Erickson Fitting	31.58	11.52
16MOD-0028 For Work In Restricted Working Space, Add	8.64	
16MOD-0029 For Installation Above 14', Add	4.32	
16131-0105 EA 1" RGS Erickson Fitting	36.63	12.82
16MOD-0028 For Work In Restricted Working Space, Add	9.62	
16MOD-0029 For Installation Above 14', Add	4.81	
16131-0106 EA 1-1/4" RGS Erickson Fitting	44.28	14.04
16MOD-0028 For Work In Restricted Working Space, Add	10.53	
16MOD-0029 For Installation Above 14', Add	5.26	
16131-0107 EA 1-1/2" RGS Erickson Fitting	51.66	15.33
16MOD-0028 For Work In Restricted Working Space, Add	11.52	
16MOD-0029 For Installation Above 14', Add	5.76	
16131-0108 EA 2" RGS Erickson Fitting	62.89	16.62
16MOD-0028 For Work In Restricted Working Space, Add	12.47	
16MOD-0029 For Installation Above 14', Add	6.24	
16131-0109 EA 2-1/2" RGS Erickson Fitting	99.58	20.61
16MOD-0028 For Work In Restricted Working Space, Add	15.46	
16MOD-0029 For Installation Above 14', Add	7.73	
16131-0110 EA 3" RGS Erickson Fitting	136.47	25.76
16MOD-0028 For Work In Restricted Working Space, Add	19.32	
16MOD-0029 For Installation Above 14', Add	9.66	
16131-0111 EA 3-1/2" RGS Erickson Fitting	188.03	30.91
16MOD-0028 For Work In Restricted Working Space, Add	23.19	
16MOD-0029 For Installation Above 14', Add	11.60	
16131-0112 EA 4" RGS Erickson Fitting	215.32	33.49
16MOD-0028 For Work In Restricted Working Space, Add	25.11	
16MOD-0029 For Installation Above 14', Add	12.56	
16131-0113 Rigid To EMT Connector (16131-0002)		
16131-0114 EA 1/2" Rigid To EMT Connector	15.68	5.16
16MOD-0028 For Work In Restricted Working Space, Add	3.86	
16MOD-0029 For Installation Above 14', Add	1.93	
16131-0115 EA 3/4" Rigid To EMT Connector	17.48	5.67
16MOD-0028 For Work In Restricted Working Space, Add	4.25	
16MOD-0029 For Installation Above 14', Add	2.13	
16131-0116 EA 1" Rigid To EMT Connector	20.04	6.44
16MOD-0028 For Work In Restricted Working Space, Add	4.83	
16MOD-0029 For Installation Above 14', Add	2.42	
16131-0117 EA 1-1/4" Rigid To EMT Connector	22.58	6.95
16MOD-0028 For Work In Restricted Working Space, Add	5.21	
16MOD-0029 For Installation Above 14', Add	2.61	
16131-0118 EA 1-1/2" Rigid To EMT Connector	26.57	7.73
16MOD-0028 For Work In Restricted Working Space, Add	5.80	
16MOD-0029 For Installation Above 14', Add	2.90	
16131-0119 EA 2" Rigid To EMT Connector	31.97	8.51
16MOD-0028 For Work In Restricted Working Space, Add	6.38	
16MOD-0029 For Installation Above 14', Add	3.19	
16131-0120 EA 2-1/2" Rigid To EMT Connector	42.95	10.30
16MOD-0028 For Work In Restricted Working Space, Add	7.73	
16MOD-0029 For Installation Above 14', Add	3.86	
16131-0121 EA 3" Rigid To EMT Connector	53.17	12.88
16MOD-0028 For Work In Restricted Working Space, Add	9.66	
16MOD-0029 For Installation Above 14', Add	4.83	
16131-0122 EA 3-1/2" Rigid To EMT Connector	63.88	15.46
16MOD-0028 For Work In Restricted Working Space, Add	11.60	
16MOD-0029 For Installation Above 14', Add	5.80	
16131-0123 EA 4" Rigid To EMT Connector	71.83	16.74
16MOD-0028 For Work In Restricted Working Space, Add	12.56	
16MOD-0029 For Installation Above 14', Add	6.28	
16131-0124 Rain Tight Threaded Hub (16131-0002)		
16131-0125 EA 1/2" RGS Threaded Hubs, Rain Tight, Die Cast Zinc.....	14.05	5.16
16MOD-0028 For Work In Restricted Working Space, Add	3.86	
16MOD-0029 For Installation Above 14', Add	1.93	
16131-0126 EA 3/4" RGS Threaded Hubs, Rain Tight, Die Cast Zinc.....	17.85	6.44
16MOD-0028 For Work In Restricted Working Space, Add	4.83	
16MOD-0029 For Installation Above 14', Add	2.42	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0127	EA 1" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	21.91 5.80 2.90	7.73
16131-0128	EA 1-1/4" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	26.21 6.77 3.38	9.02
16131-0129	EA 1-1/2" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	30.48 7.73 3.86	10.30
16131-0130	EA 2" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	35.79 8.69 4.35	11.60
16131-0131	EA 2-1/2" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	43.62 9.66 4.83	12.88
16131-0132	EA 3" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	50.80 10.63 5.31	14.17
16131-0133	EA 3-1/2" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	61.80 12.56 6.28	16.74
16131-0134	EA 4" RGS Threaded Hubs, Rain Tight, Die Cast Zinc 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	70.23 13.52 6.76	18.03
16131-0135	Expansion Fitting <small>(16131-0002)</small>		
16131-0136	EA 1/2" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	76.23 7.73 3.87	10.30
16131-0137	EA 3/4" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	84.49 8.69 4.35	11.60
16131-0138	EA 1" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	93.90 9.66 4.83	12.88
16131-0139	EA 1-1/4" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	112.39 10.63 5.31	14.17
16131-0140	EA 1-1/2" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	136.26 11.59 5.80	15.46
16131-0141	EA 2" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	176.47 12.56 6.28	16.74
16131-0142	EA 2-1/2" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	262.97 15.46 7.73	20.61
16131-0143	EA 3" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	316.97 19.32 9.66	25.76
16131-0144	EA 3-1/2" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	437.98 23.19 11.59	30.91
16131-0145	EA 4" RGS Expansion Coupling 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	504.83 25.11 12.56	33.49
16131-0146	Sealing Fitting Vertical/Horizontal <small>(16131-0002)</small>		
16131-0147	EA 1/2" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	51.62 9.66 4.83	16.10
16131-0148	EA 3/4" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	61.46 11.60 5.80	19.32
16131-0149	EA 1" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	74.40 13.53 6.76	22.54
16131-0150	EA 1-1/4" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	87.12 15.46 7.73	25.76
16131-0151	EA 1-1/2" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	111.56 17.39 8.70	28.98
16131-0152	EA 2" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	133.83 19.32 9.66	32.20
16131-0153	EA 2-1/2" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	185.15 23.18 11.59	38.65
16131-0154	EA 3" RGS Conduit Sealing Fitting Vertical/Horizontal 16MOD-0028 For Work In Restricted Working Space, Add 16MOD-0029 For Installation Above 14', Add	221.93 27.05 13.52	45.09

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16131-0155 EA 3-1/2" RGS Conduit Sealing Fitting Vertical/Horizontal.....	483.07	51.53
16MOD-0028 For Work In Restricted Working Space, Add	30.91	
16MOD-0029 For Installation Above 14', Add	15.46	
16131-0156 EA 4" RGS Conduit Sealing Fitting Vertical/Horizontal.....	555.75	57.97
16MOD-0028 For Work In Restricted Working Space, Add	34.78	
16MOD-0029 For Installation Above 14', Add	17.39	
16131-0157 Threaded Steel Couplings (16131-0002)		
16131-0158 EA 1/2" RGS Coupling.....	3.88	1.28
16MOD-0028 For Work In Restricted Working Space, Add	0.97	
16MOD-0029 For Installation Above 14', Add	0.48	
16131-0159 EA 3/4" RGS Coupling.....	4.66	1.54
16MOD-0028 For Work In Restricted Working Space, Add	1.16	
16MOD-0029 For Installation Above 14', Add	0.58	
16131-0160 EA 1" RGS Coupling.....	6.36	2.06
16MOD-0028 For Work In Restricted Working Space, Add	1.55	
16MOD-0029 For Installation Above 14', Add	0.77	
16131-0161 EA 1-1/4" RGS Coupling.....	7.94	2.58
16MOD-0028 For Work In Restricted Working Space, Add	1.93	
16MOD-0029 For Installation Above 14', Add	0.97	
16131-0162 EA 1-1/2" RGS Coupling.....	10.27	3.35
16MOD-0028 For Work In Restricted Working Space, Add	2.51	
16MOD-0029 For Installation Above 14', Add	1.26	
16131-0163 EA 2" RGS Coupling.....	12.15	3.86
16MOD-0028 For Work In Restricted Working Space, Add	2.90	
16MOD-0029 For Installation Above 14', Add	1.45	
16131-0164 EA 2-1/2" RGS Coupling.....	17.76	4.89
16MOD-0028 For Work In Restricted Working Space, Add	3.67	
16MOD-0029 For Installation Above 14', Add	1.84	
16131-0165 EA 3" RGS Coupling.....	23.64	6.44
16MOD-0028 For Work In Restricted Working Space, Add	4.83	
16MOD-0029 For Installation Above 14', Add	2.42	
16131-0166 EA 3-1/2" RGS Coupling.....	28.76	7.47
16MOD-0028 For Work In Restricted Working Space, Add	5.60	
16MOD-0029 For Installation Above 14', Add	2.80	
16131-0167 EA 4" RGS Coupling.....	30.13	7.98
16MOD-0028 For Work In Restricted Working Space, Add	5.99	
16MOD-0029 For Installation Above 14', Add	3.00	
16131-0168 Reducing Bushing (16131-0002)		
16131-0169 EA 1/2" To 3/4" RGS Reducing Bushing	3.96	1.28
16MOD-0028 For Work In Restricted Working Space, Add	0.97	
16MOD-0029 For Installation Above 14', Add	0.48	
16131-0170 EA 3/4" To 1" RGS Reducing Bushing	4.39	1.28
16MOD-0028 For Work In Restricted Working Space, Add	0.97	
16MOD-0029 For Installation Above 14', Add	0.48	
16131-0171 EA 1" To 1-1/4" RGS Reducing Bushing	7.77	2.06
16MOD-0028 For Work In Restricted Working Space, Add	1.55	
16MOD-0029 For Installation Above 14', Add	0.77	
16131-0172 EA 1-1/4" To 1-1/2" RGS Reducing Bushing	9.68	2.58
16MOD-0028 For Work In Restricted Working Space, Add	1.93	
16MOD-0029 For Installation Above 14', Add	0.97	
16131-0173 EA 1-1/2" To 2" RGS Reducing Bushing	15.98	3.35
16MOD-0028 For Work In Restricted Working Space, Add	2.51	
16MOD-0029 For Installation Above 14', Add	1.26	
16131-0174 EA 2" To 2-1/2" RGS Reducing Bushing	20.80	3.86
16MOD-0028 For Work In Restricted Working Space, Add	2.90	
16MOD-0029 For Installation Above 14', Add	1.45	
16131-0175 EA 2-1/2" To 3" RGS Reducing Bushing	25.28	4.89
16MOD-0028 For Work In Restricted Working Space, Add	3.67	
16MOD-0029 For Installation Above 14', Add	1.84	
16131-0176 Sealing Locknuts (16131-0002)		
16131-0177 EA 1/2" Sealing Locknut In Lieu Of Locknut, Add.....	0.50	
16131-0178 EA 3/4" Sealing Locknut In Lieu Of Locknut, Add.....	0.56	
16131-0179 EA 1" Sealing Locknut In Lieu Of Locknut, Add.....	0.83	
16131-0180 EA 1-1/4" Sealing Locknut In Lieu Of Locknut, Add.....	1.21	
16131-0181 EA 1-1/2" Sealing Locknut In Lieu Of Locknut, Add.....	1.52	
16131-0182 EA 2" Sealing Locknut In Lieu Of Locknut, Add.....	1.81	
16131-0183 Expansion Joint With Bonding Jumper (16131-0002)		
16131-0184 EA 2-1/2" RGS Expansion Joint With Bonding Jumper	375.99	56.16
16MOD-0028 For Work In Restricted Working Space, Add	42.11	
16MOD-0029 For Installation Above 14', Add	21.06	
16131-0185 EA 3" RGS Expansion Joint With Bonding Jumper	448.33	65.76
16MOD-0028 For Work In Restricted Working Space, Add	49.34	
16MOD-0029 For Installation Above 14', Add	24.67	
16131-0186 EA 3-1/2" RGS Expansion Joint With Bonding Jumper	594.94	75.61
16MOD-0028 For Work In Restricted Working Space, Add	56.70	
16MOD-0029 For Installation Above 14', Add	28.35	



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16131-0187 EA 4" RGS Expansion Joint With Bonding Jumper	684.69	84.24
16MOD-0028 For Work In Restricted Working Space, Add	63.18	
16MOD-0029 For Installation Above 14', Add	31.59	
16131-0188 Fire Stop Fitting (16131-0002)		
16131-0189 EA 1/2" RGS Fire Stop Fitting	98.83	8.57
16MOD-0028 For Work In Restricted Working Space, Add	6.44	
16MOD-0029 For Installation Above 14', Add	3.22	
16131-0190 EA 3/4" RGS Fire Stop Fitting	98.78	8.57
16MOD-0028 For Work In Restricted Working Space, Add	6.43	
16MOD-0029 For Installation Above 14', Add	3.21	
16131-0191 EA 1" RGS Fire Stop Fitting	118.14	9.40
16MOD-0028 For Work In Restricted Working Space, Add	7.04	
16MOD-0029 For Installation Above 14', Add	3.52	
16131-0192 EA 1-1/4" RGS Fire Stop Fitting	129.71	10.30
16MOD-0028 For Work In Restricted Working Space, Add	7.74	
16MOD-0029 For Installation Above 14', Add	3.87	
16131-0193 EA 1-1/2" RGS Fire Stop Fitting	144.70	10.30
16MOD-0028 For Work In Restricted Working Space, Add	7.73	
16MOD-0029 For Installation Above 14', Add	3.87	
16131-0194 EA 2" RGS Fire Stop Fitting	216.97	12.88
16MOD-0028 For Work In Restricted Working Space, Add	9.67	
16MOD-0029 For Installation Above 14', Add	4.83	
16131-0195 EA 2-1/2" RGS Fire Stop Fitting	250.80	17.19
16MOD-0028 For Work In Restricted Working Space, Add	12.89	
16MOD-0029 For Installation Above 14', Add	6.44	
16131-0196 EA 3" RGS Fire Stop Fitting	273.88	17.19
16MOD-0028 For Work In Restricted Working Space, Add	12.89	
16MOD-0029 For Installation Above 14', Add	6.44	
16131-0197 EA 3-1/2" RGS Fire Stop Fitting	322.89	20.61
16MOD-0028 For Work In Restricted Working Space, Add	15.46	
16MOD-0029 For Installation Above 14', Add	7.73	
16131-0198 EA 4" RGS Fire Stop Fitting	357.52	20.61
16MOD-0028 For Work In Restricted Working Space, Add	15.46	
16MOD-0029 For Installation Above 14', Add	7.73	
16131-0199 EMT Thinwall Conduit (16131-0001)		
Note: Exposed installation, conditions branch and feeder conduit. Includes field bend conduit up to 1". Excludes supporting strap, hanger and fastening.		
16131-0200 EMT Thinwall Conduit (16131-0199)		
Note: Includes field bending conduit up to 1".		
16131-0201 LF 1/2" EMT Conduit, Mounted Exposed On Flat Wall	3.18	0.77
16MOD-0022 For > 250 To 500, Deduct	-0.01	
16MOD-0023 For > 500 To 1000, Deduct	-0.17	
16MOD-0024 For > 1000, Deduct	-0.25	
16MOD-0025 For Installation In Metal Stud Wall, Add	0.29	
16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	0.73	
16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.44	
16MOD-0028 For Work In Restricted Working Space, Add	0.87	
16MOD-0029 For Installation Above 14', Add	0.44	
16131-0202 LF 3/4" EMT Conduit, Mounted Exposed On Flat Wall	3.72	1.03
16MOD-0022 For > 250 To 500, Deduct	-0.03	
16MOD-0023 For > 500 To 1000, Deduct	-0.20	
16MOD-0024 For > 1000, Deduct	-0.29	
16MOD-0025 For Installation In Metal Stud Wall, Add	0.32	
16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	0.81	
16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.48	
16MOD-0028 For Work In Restricted Working Space, Add	0.97	
16MOD-0029 For Installation Above 14', Add	0.48	
16131-0203 LF 1" EMT Conduit, Mounted Exposed On Flat Wall	4.43	1.28
16MOD-0022 For > 250 To 500, Deduct	-0.04	
16MOD-0023 For > 500 To 1000, Deduct	-0.24	
16MOD-0024 For > 1000, Deduct	-0.35	
16MOD-0025 For Installation In Metal Stud Wall, Add	0.35	
16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	0.89	
16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.53	
16MOD-0028 For Work In Restricted Working Space, Add	1.06	
16MOD-0029 For Installation Above 14', Add	0.53	
16131-0204 LF 1-1/4" EMT Conduit, Mounted Exposed On Flat Wall	5.24	1.54
16MOD-0022 For > 250 To 500, Deduct	-0.06	
16MOD-0023 For > 500 To 1000, Deduct	-0.29	
16MOD-0024 For > 1000, Deduct	-0.42	
16MOD-0025 For Installation In Metal Stud Wall, Add	0.40	
16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	1.00	
16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.60	
16MOD-0028 For Work In Restricted Working Space, Add	1.20	
16MOD-0029 For Installation Above 14', Add	0.60	

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16131-0205	LF	1-1/2" EMT Conduit, Mounted Exposed On Flat Wall	6.03	2.06
		16MOD-0022 For > 250 To 500, Deduct	-0.08	
		16MOD-0023 For > 500 To 1000, Deduct	-0.34	
		16MOD-0024 For > 1000, Deduct	-0.49	
		16MOD-0025 For Installation In Metal Stud Wall, Add	0.45	
		16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	1.13	
		16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.68	
		16MOD-0028 For Work In Restricted Working Space, Add	1.35	
		16MOD-0029 For Installation Above 14', Add	0.68	
16131-0206	LF	2" EMT Conduit, Mounted Exposed On Flat Wall	7.05	2.32
		16MOD-0022 For > 250 To 500, Deduct	-0.09	
		16MOD-0023 For > 500 To 1000, Deduct	-0.40	
		16MOD-0024 For > 1000, Deduct	-0.58	
		16MOD-0025 For Installation In Metal Stud Wall, Add	0.52	
		16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	1.29	
		16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.77	
		16MOD-0028 For Work In Restricted Working Space, Add	1.55	
		16MOD-0029 For Installation Above 14', Add	0.77	
16131-0207	LF	2-1/2" EMT Conduit, Mounted Exposed On Flat Wall	8.97	2.58
		16MOD-0022 For > 250 To 500, Deduct	-0.14	
		16MOD-0023 For > 500 To 1000, Deduct	-0.52	
		16MOD-0024 For > 1000, Deduct	-0.74	
		16MOD-0025 For Installation In Metal Stud Wall, Add	0.61	
		16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	1.53	
		16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	0.92	
		16MOD-0028 For Work In Restricted Working Space, Add	1.84	
		16MOD-0029 For Installation Above 14', Add	0.92	
16131-0208	LF	3" EMT Conduit, Mounted Exposed On Flat Wall	10.71	3.35
		16MOD-0022 For > 250 To 500, Deduct	-0.18	
		16MOD-0023 For > 500 To 1000, Deduct	-0.63	
		16MOD-0024 For > 1000, Deduct	-0.89	
		16MOD-0025 For Installation In Metal Stud Wall, Add	0.71	
		16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	1.77	
		16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	1.06	
		16MOD-0028 For Work In Restricted Working Space, Add	2.12	
		16MOD-0029 For Installation Above 14', Add	1.06	
16131-0209	LF	3-1/2" EMT Conduit, Mounted Exposed On Flat Wall	13.37	3.86
		16MOD-0022 For > 250 To 500, Deduct	-0.25	
		16MOD-0023 For > 500 To 1000, Deduct	-0.79	
		16MOD-0024 For > 1000, Deduct	-1.13	
		16MOD-0025 For Installation In Metal Stud Wall, Add	0.84	
		16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	2.10	
		16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	1.26	
		16MOD-0028 For Work In Restricted Working Space, Add	2.51	
		16MOD-0029 For Installation Above 14', Add	1.26	
16131-0210	LF	4" EMT Conduit, Mounted Exposed On Flat Wall	17.23	5.28
		16MOD-0022 For > 250 To 500, Deduct	-0.27	
		16MOD-0023 For > 500 To 1000, Deduct	-1.00	
		16MOD-0024 For > 1000, Deduct	-1.43	
		16MOD-0025 For Installation In Metal Stud Wall, Add	1.18	
		16MOD-0026 For Installation In Wood Stud Wall (Includes Drilling), Add	2.94	
		16MOD-0027 For Installation In Concrete (Excludes Concrete), Add	1.76	
		16MOD-0028 For Work In Restricted Working Space, Add	3.53	
		16MOD-0029 For Installation Above 14', Add	1.76	
16131-0211		90 Degree Elbow ⁽¹⁶¹³¹⁻⁰¹⁹⁹⁾ See CSI section 16131-0525 for conduit field bending.		
16131-0212		Set Screw Coupling ⁽¹⁶¹³¹⁻⁰¹⁹⁹⁾		
16131-0213	EA	1/2" EMT Set Screw Coupling.....	3.38	1.54
		16MOD-0028 For Work In Restricted Working Space, Add	0.97	
		16MOD-0029 For Installation Above 14', Add	0.48	
16131-0214	EA	3/4" EMT Set Screw Coupling.....	4.14	1.54
		16MOD-0028 For Work In Restricted Working Space, Add	1.16	
		16MOD-0029 For Installation Above 14', Add	0.58	
16131-0215	EA	1" EMT Set Screw Coupling.....	4.98	1.81
		16MOD-0028 For Work In Restricted Working Space, Add	1.35	
		16MOD-0029 For Installation Above 14', Add	0.68	
16131-0216	EA	1-1/4" EMT Set Screw Coupling	6.65	2.32
		16MOD-0028 For Work In Restricted Working Space, Add	1.74	
		16MOD-0029 For Installation Above 14', Add	0.87	
16131-0217	EA	1-1/2" EMT Set Screw Coupling	8.30	2.84
		16MOD-0028 For Work In Restricted Working Space, Add	2.12	
		16MOD-0029 For Installation Above 14', Add	1.06	
16131-0218	EA	2" EMT Set Screw Coupling.....	11.26	3.86
		16MOD-0028 For Work In Restricted Working Space, Add	2.90	
		16MOD-0029 For Installation Above 14', Add	1.45	
16131-0219	EA	2-1/2" EMT Set Screw Coupling	16.36	5.16
		16MOD-0028 For Work In Restricted Working Space, Add	3.86	
		16MOD-0029 For Installation Above 14', Add	1.93	
16131-0220	EA	3" EMT Set Screw Coupling.....	20.34	5.93
		16MOD-0028 For Work In Restricted Working Space, Add	4.83	
		16MOD-0029 For Installation Above 14', Add	2.42	
16131-0221	EA	3-1/2" EMT Set Screw Coupling	24.47	6.44
		16MOD-0028 For Work In Restricted Working Space, Add	5.80	
		16MOD-0029 For Installation Above 14', Add	2.90	



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16131-0222 EA 4" EMT Set Screw Coupling	33.63	8.52
16MOD-0028 For Work In Restricted Working Space, Add	8.27	
16MOD-0029 For Installation Above 14', Add	4.14	
16131-0223 Compression Coupling (16131-0199)		
16131-0224 EA 1/2 EMT Compression Coupling	4.49	1.69
16MOD-0028 For Work In Restricted Working Space, Add	1.27	
16MOD-0029 For Installation Above 14', Add	0.63	
16131-0225 EA 3/4" EMT Compression Coupling	4.90	1.81
16MOD-0028 For Work In Restricted Working Space, Add	1.35	
16MOD-0029 For Installation Above 14', Add	0.68	
16131-0226 EA 1" EMT Compression Coupling	7.10	2.58
16MOD-0028 For Work In Restricted Working Space, Add	1.93	
16MOD-0029 For Installation Above 14', Add	0.97	
16131-0227 EA 1-1/4" EMT Compression Coupling	8.91	3.09
16MOD-0028 For Work In Restricted Working Space, Add	2.32	
16MOD-0029 For Installation Above 14', Add	1.16	
16131-0228 EA 1-1/2" EMT Compression Coupling	10.70	3.61
16MOD-0028 For Work In Restricted Working Space, Add	2.71	
16MOD-0029 For Installation Above 14', Add	1.35	
16131-0229 EA 2" EMT Compression Coupling	13.36	4.38
16MOD-0028 For Work In Restricted Working Space, Add	3.29	
16MOD-0029 For Installation Above 14', Add	1.64	
16131-0230 EA 2 1/2" EMT Compression Coupling	22.90	6.48
16MOD-0028 For Work In Restricted Working Space, Add	4.86	
16MOD-0029 For Installation Above 14', Add	2.43	
16131-0231 EA 3" EMT Compression Coupling	26.28	7.21
16MOD-0028 For Work In Restricted Working Space, Add	5.41	
16MOD-0029 For Installation Above 14', Add	2.70	
16131-0232 EA 3-1/2" EMT Compression Coupling	33.33	9.02
16MOD-0028 For Work In Restricted Working Space, Add	6.76	
16MOD-0029 For Installation Above 14', Add	3.38	
16131-0233 EA 4" EMT Compression Coupling	40.72	11.60
16MOD-0028 For Work In Restricted Working Space, Add	8.69	
16MOD-0029 For Installation Above 14', Add	4.35	
16131-0234 Steel Box Connector With Set Screw (16131-0199)		
16131-0235 EA 1/2" EMT Box Connector With Set Screw	3.41	1.28
16MOD-0028 For Work In Restricted Working Space, Add	0.97	
16MOD-0029 For Installation Above 14', Add	0.48	
16131-0236 EA 3/4" EMT Box Connector With Set Screw	4.18	1.54
16MOD-0028 For Work In Restricted Working Space, Add	1.16	
16MOD-0029 For Installation Above 14', Add	0.58	
16131-0237 EA 1" EMT Box Connector With Set Screw	4.96	1.81
16MOD-0028 For Work In Restricted Working Space, Add	1.35	
16MOD-0029 For Installation Above 14', Add	0.68	
16131-0238 EA 1-1/4" EMT Box Connector With Set Screw	7.21	2.58
16MOD-0028 For Work In Restricted Working Space, Add	1.93	
16MOD-0029 For Installation Above 14', Add	0.97	
16131-0239 EA 1-1/2" EMT Box Connector With Set Screw	9.05	3.09
16MOD-0028 For Work In Restricted Working Space, Add	2.32	
16MOD-0029 For Installation Above 14', Add	1.16	
16131-0240 EA 2" EMT Box Connector With Set Screw	11.38	3.86
16MOD-0028 For Work In Restricted Working Space, Add	2.90	
16MOD-0029 For Installation Above 14', Add	1.45	
16131-0241 EA 2-1/2" EMT Box Connector With Set Screw	17.05	5.16
16MOD-0028 For Work In Restricted Working Space, Add	3.86	
16MOD-0029 For Installation Above 14', Add	1.93	
16131-0242 EA 3" EMT Box Connector With Set Screw	21.06	6.44
16MOD-0028 For Work In Restricted Working Space, Add	4.83	
16MOD-0029 For Installation Above 14', Add	2.42	
16131-0243 EA 3-1/2" EMT Box Connector With Set Screw	25.21	7.73
16MOD-0028 For Work In Restricted Working Space, Add	5.80	
16MOD-0029 For Installation Above 14', Add	2.90	
16131-0244 EA 4" EMT Box Connector With Set Screw	29.36	9.02
16MOD-0028 For Work In Restricted Working Space, Add	6.76	
16MOD-0029 For Installation Above 14', Add	3.38	
16131-0245 Steel Insulated Box Connector With Set Screw (16131-0199)		
16131-0246 EA 1/2" EMT Insulated Box Connector With Set Screw	4.91	1.74
16MOD-0028 For Work In Restricted Working Space, Add	1.29	
16MOD-0029 For Installation Above 14', Add	0.65	
16131-0247 EA 3/4" EMT Insulated Box Connector With Set Screw	5.67	1.87
16MOD-0028 For Work In Restricted Working Space, Add	1.41	
16MOD-0029 For Installation Above 14', Add	0.71	
16131-0248 EA 1" EMT Insulated Box Connector With Set Screw	7.34	2.32
16MOD-0028 For Work In Restricted Working Space, Add	1.72	
16MOD-0029 For Installation Above 14', Add	0.86	
16131-0249 EA 1-1/4" EMT Insulated Box Connector With Set Screw	10.16	2.96
16MOD-0028 For Work In Restricted Working Space, Add	2.20	
16MOD-0029 For Installation Above 14', Add	1.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0250	EA	1-1/2" EMT Insulated Box Connector With Set Screw	12.71	3.41
	16MOD-0028	For Work In Restricted Working Space, Add	2.57	
	16MOD-0029	For Installation Above 14', Add	1.29	
16131-0251	EA	2" EMT Insulated Box Connector With Set Screw	16.30	4.12
	16MOD-0028	For Work In Restricted Working Space, Add	3.09	
	16MOD-0029	For Installation Above 14', Add	1.55	
16131-0252	EA	2-1/2" EMT Insulated Box Connector With Set Screw	40.85	5.73
	16MOD-0028	For Work In Restricted Working Space, Add	4.29	
	16MOD-0029	For Installation Above 14', Add	2.14	
16131-0253	EA	3" EMT Insulated Box Connector With Set Screw	50.46	7.60
	16MOD-0028	For Work In Restricted Working Space, Add	5.72	
	16MOD-0029	For Installation Above 14', Add	2.86	
16131-0254	EA	3-1/2" EMT Insulated Box Connector With Set Screw	67.18	9.79
	16MOD-0028	For Work In Restricted Working Space, Add	7.36	
	16MOD-0029	For Installation Above 14', Add	3.68	
16131-0255	EA	4" EMT Insulated Box Connector With Set Screw	78.88	12.88
	16MOD-0028	For Work In Restricted Working Space, Add	9.66	
	16MOD-0029	For Installation Above 14', Add	4.83	
16131-0256		Compression Insulated Box Connector (16131-0199)		
16131-0257	EA	1/2" EMT Insulated Box Connector, Compression	5.52	1.74
	16MOD-0028	For Work In Restricted Working Space, Add	1.29	
	16MOD-0029	For Installation Above 14', Add	0.65	
16131-0258	EA	3/4" EMT Insulated Box Connector, Compression	6.39	1.87
	16MOD-0028	For Work In Restricted Working Space, Add	1.41	
	16MOD-0029	For Installation Above 14', Add	0.71	
16131-0259	EA	1" EMT Insulated Box Connector, Compression	8.63	2.32
	16MOD-0028	For Work In Restricted Working Space, Add	1.72	
	16MOD-0029	For Installation Above 14', Add	0.86	
16131-0260	EA	1-1/4" EMT Insulated Box Connector, Compression	13.13	2.96
	16MOD-0028	For Work In Restricted Working Space, Add	2.20	
	16MOD-0029	For Installation Above 14', Add	1.10	
16131-0261	EA	1-1/2" EMT Insulated Box Connector, Compression	16.98	3.41
	16MOD-0028	For Work In Restricted Working Space, Add	2.57	
	16MOD-0029	For Installation Above 14', Add	1.29	
16131-0262	EA	2" EMT Insulated Box Connector, Compression	22.53	4.12
	16MOD-0028	For Work In Restricted Working Space, Add	3.09	
	16MOD-0029	For Installation Above 14', Add	1.55	
16131-0263	EA	2-1/2" EMT Insulated Box Connector, Compression	61.77	5.73
	16MOD-0028	For Work In Restricted Working Space, Add	4.29	
	16MOD-0029	For Installation Above 14', Add	2.14	
16131-0264	EA	3" EMT Insulated Box Connector, Compression	80.23	7.60
	16MOD-0028	For Work In Restricted Working Space, Add	5.72	
	16MOD-0029	For Installation Above 14', Add	2.86	
16131-0265	EA	3-1/2" EMT Insulated Box Connector, Compression	109.03	9.79
	16MOD-0028	For Work In Restricted Working Space, Add	7.36	
	16MOD-0029	For Installation Above 14', Add	3.68	
16131-0266	EA	4" EMT Insulated Box Connector, Compression	123.14	12.88
	16MOD-0028	For Work In Restricted Working Space, Add	9.66	
	16MOD-0029	For Installation Above 14', Add	4.83	
16131-0267		EMT To Flexible Conduit Adapter, Compression (16131-0199)		
16131-0268	EA	1/2" To 3/8" EMT To Flexible Adapter	7.16	2.32
	16MOD-0028	For Work In Restricted Working Space, Add	1.72	
	16MOD-0029	For Installation Above 14', Add	0.86	
16131-0269	EA	1/2" EMT To Flexible Adapter	8.35	2.32
	16MOD-0028	For Work In Restricted Working Space, Add	1.72	
	16MOD-0029	For Installation Above 14', Add	0.86	
16131-0270	EA	3/4" EMT To Flexible Adapter	9.75	2.51
	16MOD-0028	For Work In Restricted Working Space, Add	1.91	
	16MOD-0029	For Installation Above 14', Add	0.95	
16131-0271	EA	1" EMT To Flexible Adapter	16.12	2.90
	16MOD-0028	For Work In Restricted Working Space, Add	2.17	
	16MOD-0029	For Installation Above 14', Add	1.08	
16131-0272	EA	1-1/4" EMT To Flexible Adapter	19.55	3.48
	16MOD-0028	For Work In Restricted Working Space, Add	2.63	
	16MOD-0029	For Installation Above 14', Add	1.31	
16131-0273	EA	1-1/2" EMT To Flexible Adapter	22.23	3.99
	16MOD-0028	For Work In Restricted Working Space, Add	3.00	
	16MOD-0029	For Installation Above 14', Add	1.50	
16131-0274	EA	2" EMT To Flexible Adapter	30.29	5.03
	16MOD-0028	For Work In Restricted Working Space, Add	3.75	
	16MOD-0029	For Installation Above 14', Add	1.88	
16131-0275		LB, LR Or LL Fitting With Cover And Set Screw (16131-0199)		
16131-0276	EA	1/2" EMT LB, LR, Or LL Fitting With Cover And Set Screw	17.58	4.89
	16MOD-0028	For Work In Restricted Working Space, Add	3.67	
	16MOD-0029	For Installation Above 14', Add	1.84	
16131-0277	EA	3/4" EMT LB, LR, Or LL Fitting With Cover And Set Screw	22.62	6.44
	16MOD-0028	For Work In Restricted Working Space, Add	4.83	
	16MOD-0029	For Installation Above 14', Add	2.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0278 EA 1" EMT LB, LR, Or LL Fitting With Cover And Set Screw	29.57	7.98
16MOD-0028 For Work In Restricted Working Space, Add	5.99	
16MOD-0029 For Installation Above 14', Add	2.99	
16131-0279 EA 1-1/4" EMT LB, LR, Or LL Fitting With Cover And Set Screw	38.28	9.79
16MOD-0028 For Work In Restricted Working Space, Add	7.34	
16MOD-0029 For Installation Above 14', Add	3.67	
16131-0280 EA 1-1/2" EMT LB, LR, Or LL Fitting With Cover And Set Screw	45.71	11.33
16MOD-0028 For Work In Restricted Working Space, Add	8.50	
16MOD-0029 For Installation Above 14', Add	4.25	
16131-0281 EA 2" EMT LB, LR, Or LL Fitting With Cover And Set Screw	61.00	12.88
16MOD-0028 For Work In Restricted Working Space, Add	9.66	
16MOD-0029 For Installation Above 14', Add	4.83	
16131-0282 T Fitting With Cover And Set Screw (16131-0199)		
16131-0283 EA 1/2" EMT "T" Fitting With Cover And Set Screw	22.79	6.44
16MOD-0028 For Work In Restricted Working Space, Add	4.83	
16MOD-0029 For Installation Above 14', Add	2.42	
16131-0284 EA 3/4" EMT "T" Fitting With Cover And Set Screw	28.43	7.98
16MOD-0028 For Work In Restricted Working Space, Add	5.99	
16MOD-0029 For Installation Above 14', Add	2.99	
16131-0285 EA 1" EMT "T" Fitting With Cover And Set Screw	36.03	9.79
16MOD-0028 For Work In Restricted Working Space, Add	7.34	
16MOD-0029 For Installation Above 14', Add	3.67	
16131-0286 EA 1-1/4" EMT "T" Fitting With Cover And Set Screw	47.82	11.33
16MOD-0028 For Work In Restricted Working Space, Add	8.50	
16MOD-0029 For Installation Above 14', Add	4.25	
16131-0287 EA 1-1/2" EMT "T" Fitting With Cover And Set Screw	58.04	12.88
16MOD-0028 For Work In Restricted Working Space, Add	9.66	
16MOD-0029 For Installation Above 14', Add	4.83	
16131-0288 EA 2" EMT "T" Fitting With Cover And Set Screw	77.58	14.42
16MOD-0028 For Work In Restricted Working Space, Add	10.82	
16MOD-0029 For Installation Above 14', Add	5.41	
16131-0289 Intermediate Metal Steel Conduit (IMC) (16131-0001)		
Note: Exposed installation, conditions branch and feeder conduit. Includes field bend conduit up to 1". Excludes supporting strap, hanger and fastening.		
16131-0290 IMC Conduit (16131-0289)		
Note: Includes field bending conduit up to 1".		
16131-0291 LF 1/2" IMC Conduit, Mounted Exposed On Flat Wall	4.04	0.77
16MOD-0030 For > 250 To 500, Deduct	-0.04	
16MOD-0031 For > 500 To 1000, Deduct	-0.06	
16MOD-0032 For > 1000, Deduct	-0.08	
16MOD-0033 For Installation In Metal Stub Wall, Add	0.32	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	0.81	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	0.48	
16MOD-0036 For Work In Restricted Working Space, Add	0.97	
16MOD-0037 For Installation Above 14', Add	0.48	
16131-0292 LF 3/4" IMC Conduit, Mounted Exposed On Flat Wall	4.52	1.03
16MOD-0030 For > 250 To 500, Deduct	-0.05	
16MOD-0031 For > 500 To 1000, Deduct	-0.07	
16MOD-0032 For > 1000, Deduct	-0.10	
16MOD-0033 For Installation In Metal Stub Wall, Add	0.35	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	0.89	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	0.53	
16MOD-0036 For Work In Restricted Working Space, Add	1.06	
16MOD-0037 For Installation Above 14', Add	0.53	
16131-0293 LF 1" IMC Conduit, Mounted Exposed On Flat Wall	5.38	1.28
16MOD-0030 For > 250 To 500, Deduct	-0.08	
16MOD-0031 For > 500 To 1000, Deduct	-0.11	
16MOD-0032 For > 1000, Deduct	-0.15	
16MOD-0033 For Installation In Metal Stub Wall, Add	0.39	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	0.97	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	0.58	
16MOD-0036 For Work In Restricted Working Space, Add	1.16	
16MOD-0037 For Installation Above 14', Add	0.58	
16131-0294 LF 1-1/4" IMC Conduit, Mounted Exposed On Flat Wall	6.42	1.54
16MOD-0030 For > 250 To 500, Deduct	-0.10	
16MOD-0031 For > 500 To 1000, Deduct	-0.14	
16MOD-0032 For > 1000, Deduct	-0.19	
16MOD-0033 For Installation In Metal Stub Wall, Add	0.45	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	1.13	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	0.68	
16MOD-0036 For Work In Restricted Working Space, Add	1.35	
16MOD-0037 For Installation Above 14', Add	0.68	
16131-0295 LF 1-1/2" IMC Conduit, Mounted Exposed On Flat Wall	7.43	2.06
16MOD-0030 For > 250 To 500, Deduct	-0.11	
16MOD-0031 For > 500 To 1000, Deduct	-0.17	
16MOD-0032 For > 1000, Deduct	-0.23	
16MOD-0033 For Installation In Metal Stub Wall, Add	0.52	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	1.29	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	0.77	
16MOD-0036 For Work In Restricted Working Space, Add	1.55	
16MOD-0037 For Installation Above 14', Add	0.77	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0296 LF 2" IMC Conduit, Mounted Exposed On Flat Wall	8.88	2.32
16MOD-0030 For > 250 To 500, Deduct	-0.15	
16MOD-0031 For > 500 To 1000, Deduct	-0.23	
16MOD-0032 For > 1000, Deduct	-0.31	
16MOD-0033 For Installation In Metal Stud Wall, Add	0.58	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	1.45	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	0.87	
16MOD-0036 For Work In Restricted Working Space, Add	1.74	
16MOD-0037 For Installation Above 14', Add	0.87	
16131-0297 LF 2-1/2" IMC Conduit, Mounted Exposed On Flat Wall	14.55	3.09
16MOD-0030 For > 250 To 500, Deduct	-0.34	
16MOD-0031 For > 500 To 1000, Deduct	-0.51	
16MOD-0032 For > 1000, Deduct	-0.68	
16MOD-0033 For Installation In Metal Stud Wall, Add	0.77	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	1.93	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	1.16	
16MOD-0036 For Work In Restricted Working Space, Add	2.32	
16MOD-0037 For Installation Above 14', Add	1.16	
16131-0298 LF 3" IMC Conduit, Mounted Exposed On Flat Wall	18.05	3.86
16MOD-0030 For > 250 To 500, Deduct	-0.42	
16MOD-0031 For > 500 To 1000, Deduct	-0.63	
16MOD-0032 For > 1000, Deduct	-0.84	
16MOD-0033 For Installation In Metal Stud Wall, Add	0.97	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	2.42	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	1.45	
16MOD-0036 For Work In Restricted Working Space, Add	2.90	
16MOD-0037 For Installation Above 14', Add	1.45	
16131-0299 LF 3-1/2" IMC Conduit, Mounted Exposed On Flat Wall	21.32	4.63
16MOD-0030 For > 250 To 500, Deduct	-0.49	
16MOD-0031 For > 500 To 1000, Deduct	-0.73	
16MOD-0032 For > 1000, Deduct	-0.97	
16MOD-0033 For Installation In Metal Stud Wall, Add	1.16	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	2.90	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	1.74	
16MOD-0036 For Work In Restricted Working Space, Add	3.48	
16MOD-0037 For Installation Above 14', Add	1.74	
16131-0300 LF 4" IMC Conduit, Mounted Exposed On Flat Wall	24.96	4.89
16MOD-0030 For > 250 To 500, Deduct	-0.57	
16MOD-0031 For > 500 To 1000, Deduct	-0.86	
16MOD-0032 For > 1000, Deduct	-1.14	
16MOD-0033 For Installation In Metal Stud Wall, Add	1.35	
16MOD-0034 For Installation In Wood Stud Wall (Includes Drilling), Add	3.38	
16MOD-0035 For Installation In Concrete (Excludes Concrete), Add	2.03	
16MOD-0036 For Work In Restricted Working Space, Add	4.06	
16MOD-0037 For Installation Above 14', Add	2.03	
16131-0301 90 Degree Elbow <small>(16131-0289)</small>		
See CSI section 16131-0525 for conduit field bending.		
16131-0302 EA 1" IMC Elbow Mounted Exposed On Flat Wall	31.22	9.73
16MOD-0036 For Work In Restricted Working Space, Add	7.27	
16MOD-0037 For Installation Above 14', Add	3.64	
16131-0303 EA 1-1/4" IMC Elbow Mounted Exposed On Flat Wall	37.95	11.27
16MOD-0036 For Work In Restricted Working Space, Add	8.45	
16MOD-0037 For Installation Above 14', Add	4.22	
16131-0304 EA 1-1/2" IMC Elbow Mounted Exposed On Flat Wall	44.70	12.95
16MOD-0036 For Work In Restricted Working Space, Add	9.70	
16MOD-0037 For Installation Above 14', Add	4.85	
16131-0305 EA 2" IMC Elbows Mounted Exposed On Flat Wall	53.37	14.23
16MOD-0036 For Work In Restricted Working Space, Add	10.67	
16MOD-0037 For Installation Above 14', Add	5.33	
16131-0306 EA 2-1/2" IMC Elbow Mounted Exposed On Flat Wall	74.69	17.77
16MOD-0036 For Work In Restricted Working Space, Add	13.33	
16MOD-0037 For Installation Above 14', Add	6.66	
16131-0307 EA 3" IMC Elbow Mounted Exposed On Flat Wall	106.86	24.21
16MOD-0036 For Work In Restricted Working Space, Add	18.16	
16MOD-0037 For Installation Above 14', Add	9.08	
16131-0308 EA 3-1/2" IMC Elbow Mounted Exposed On Flat Wall	150.07	27.30
16MOD-0036 For Work In Restricted Working Space, Add	20.48	
16MOD-0037 For Installation Above 14', Add	10.24	
16131-0309 EA 4" IMC Elbow Mounted Exposed On Flat Wall	183.73	35.55
16MOD-0036 For Work In Restricted Working Space, Add	26.66	
16MOD-0037 For Installation Above 14', Add	13.33	
16131-0310 Bushing Set With Locknut <small>(16131-0289)</small>		
16131-0311 EA 1/2" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	8.68	3.35
16131-0312 EA 3/4" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	10.18	0.39
16131-0313 EA 1" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	13.10	4.89
16131-0314 EA 1-1/4" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	15.96	5.93
16131-0315 EA 1-1/2" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	17.74	6.44
16131-0316 EA 2" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	22.67	7.98
16131-0317 EA 2-1/2" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	40.65	12.88
16131-0318 EA 3" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	51.29	17.51
16131-0319 EA 3-1/2" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall	65.73	20.86



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0320	EA 4" IMC Bushing Set With Locknut, Mounted Exposed On Flat Wall.....	77.31	24.21
16131-0321	Type LB Conduit Body With Cover (16131-0289)		
16131-0322	EA 1/2" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	37.12	12.37
	16MOD-0036 For Work In Restricted Working Space, Add	9.27	
	16MOD-0037 For Installation Above 14', Add	4.64	
16131-0323	EA 3/4" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	44.33	14.17
	16MOD-0036 For Work In Restricted Working Space, Add	10.63	
	16MOD-0037 For Installation Above 14', Add	5.31	
16131-0324	EA 1" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	54.15	16.49
	16MOD-0036 For Work In Restricted Working Space, Add	12.36	
	16MOD-0037 For Installation Above 14', Add	6.18	
16131-0325	EA 1-1/4" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	65.93	18.81
	16MOD-0036 For Work In Restricted Working Space, Add	14.10	
	16MOD-0037 For Installation Above 14', Add	7.05	
16131-0326	EA 1-1/2" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	72.14	20.61
	16MOD-0036 For Work In Restricted Working Space, Add	15.46	
	16MOD-0037 For Installation Above 14', Add	7.73	
16131-0327	EA 2" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	96.16	24.73
	16MOD-0036 For Work In Restricted Working Space, Add	18.55	
	16MOD-0037 For Installation Above 14', Add	9.27	
16131-0328	EA 2-1/2" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	137.54	34.78
	16MOD-0036 For Work In Restricted Working Space, Add	26.09	
	16MOD-0037 For Installation Above 14', Add	13.04	
16131-0329	EA 3" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	181.70	46.37
	16MOD-0036 For Work In Restricted Working Space, Add	34.78	
	16MOD-0037 For Installation Above 14', Add	17.39	
16131-0330	EA 3-1/2" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	241.03	57.97
	16MOD-0036 For Work In Restricted Working Space, Add	43.47	
	16MOD-0037 For Installation Above 14', Add	21.74	
16131-0331	EA 4" IMC Type LB Conduit Body With Cover, Mounted Exposed On Flat Wall	302.94	70.58
	16MOD-0036 For Work In Restricted Working Space, Add	52.94	
	16MOD-0037 For Installation Above 14', Add	26.47	
16131-0332	Type LL Or LR Conduit Body With Cover (16131-0289)		
16131-0333	EA 1/2" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	37.11	12.37
16131-0334	EA 3/4" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	44.33	14.17
16131-0335	EA 1" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	54.15	16.49
16131-0336	EA 1-1/4" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	65.93	18.81
16131-0337	EA 1-1/2" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	72.14	20.61
16131-0338	EA 2" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	96.16	24.73
16131-0339	EA 2-1/2" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	137.54	34.78
16131-0340	EA 3" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	181.70	46.37
16131-0341	EA 3-1/2" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	241.03	57.97
16131-0342	EA 4" IMC Type LL Or LR Conduit Body With Cover, Mounted Exposed On Flat Wall	302.94	70.58
16131-0343	Type T Or X Conduit Body With Cover (16131-0289)		
16131-0344	EA 1/2" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	48.53	16.23
	16MOD-0036 For Work In Restricted Working Space, Add	12.17	
	16MOD-0037 For Installation Above 14', Add	6.09	
16131-0345	EA 3/4" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	54.65	18.03
	16MOD-0036 For Work In Restricted Working Space, Add	13.53	
	16MOD-0037 For Installation Above 14', Add	6.76	
16131-0346	EA 1" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	63.35	19.84
	16MOD-0036 For Work In Restricted Working Space, Add	14.88	
	16MOD-0037 For Installation Above 14', Add	7.44	
16131-0347	EA 1-1/4" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	77.69	22.67
	16MOD-0036 For Work In Restricted Working Space, Add	17.00	
	16MOD-0037 For Installation Above 14', Add	8.50	
16131-0348	EA 1-1/2" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	89.86	24.73
	16MOD-0036 For Work In Restricted Working Space, Add	18.55	
	16MOD-0037 For Installation Above 14', Add	9.27	
16131-0349	EA 2" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	119.32	30.40
	16MOD-0036 For Work In Restricted Working Space, Add	22.80	
	16MOD-0037 For Installation Above 14', Add	11.40	
16131-0350	EA 2-1/2" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	186.44	44.56
	16MOD-0036 For Work In Restricted Working Space, Add	33.43	
	16MOD-0037 For Installation Above 14', Add	16.71	
16131-0351	EA 3" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	243.60	57.97
	16MOD-0036 For Work In Restricted Working Space, Add	43.47	
	16MOD-0037 For Installation Above 14', Add	21.74	
16131-0352	EA 3-1/2" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	362.40	71.62
	16MOD-0036 For Work In Restricted Working Space, Add	53.71	
	16MOD-0037 For Installation Above 14', Add	26.86	
16131-0353	EA 4" IMC Type T Or X Conduit Body With Cover, Mounted Exposed On Flat Wall	420.26	86.04
	16MOD-0036 For Work In Restricted Working Space, Add	64.53	
	16MOD-0037 For Installation Above 14', Add	32.27	
16131-0354	Type C Conduit Body With Cover (16131-0289)		

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16131-0355	EA	1/2" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	37.12	12.37
	16MOD-0036	For Work In Restricted Working Space, Add	9.27	
	16MOD-0037	For Installation Above 14', Add	4.64	
16131-0356	EA	3/4" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	44.34	14.17
	16MOD-0036	For Work In Restricted Working Space, Add	10.63	
	16MOD-0037	For Installation Above 14', Add	5.31	
16131-0357	EA	1" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	53.51	16.23
	16MOD-0036	For Work In Restricted Working Space, Add	12.17	
	16MOD-0037	For Installation Above 14', Add	6.09	
16131-0358	EA	1-1/4" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	65.93	18.81
	16MOD-0036	For Work In Restricted Working Space, Add	14.10	
	16MOD-0037	For Installation Above 14', Add	7.05	
16131-0359	EA	1-1/2" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	72.15	20.61
	16MOD-0036	For Work In Restricted Working Space, Add	15.46	
	16MOD-0037	For Installation Above 14', Add	7.73	
16131-0360	EA	2" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	96.17	24.73
	16MOD-0036	For Work In Restricted Working Space, Add	18.55	
	16MOD-0037	For Installation Above 14', Add	9.27	
16131-0361	EA	2-1/2" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	213.62	65.24
	16MOD-0036	For Work In Restricted Working Space, Add	48.91	
	16MOD-0037	For Installation Above 14', Add	24.45	
16131-0362	EA	3" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	181.69	46.37
	16MOD-0036	For Work In Restricted Working Space, Add	34.78	
	16MOD-0037	For Installation Above 14', Add	17.39	
16131-0363	EA	3-1/2" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	240.98	57.97
	16MOD-0036	For Work In Restricted Working Space, Add	43.47	
	16MOD-0037	For Installation Above 14', Add	21.74	
16131-0364	EA	4" IMC Type C Conduit Body With Cover, Mounted Exposed On Flat Wall.....	302.92	70.58
	16MOD-0036	For Work In Restricted Working Space, Add	52.94	
	16MOD-0037	For Installation Above 14', Add	26.47	
16131-0365		Erickson Fitting <small>(16131-0289)</small>		
		Note: 3-Piece coupling		
16131-0366	EA	1/2" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	28.14	10.30
	16MOD-0036	For Work In Restricted Working Space, Add	7.74	
	16MOD-0037	For Installation Above 14', Add	3.87	
16131-0367	EA	3/4" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	31.81	11.52
	16MOD-0036	For Work In Restricted Working Space, Add	8.64	
	16MOD-0037	For Installation Above 14', Add	4.32	
16131-0368	EA	1" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	37.90	12.82
	16MOD-0036	For Work In Restricted Working Space, Add	9.62	
	16MOD-0037	For Installation Above 14', Add	4.81	
16131-0369	EA	1-1/4" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	45.82	14.04
	16MOD-0036	For Work In Restricted Working Space, Add	10.53	
	16MOD-0037	For Installation Above 14', Add	5.26	
16131-0370	EA	1-1/2" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	51.85	15.33
	16MOD-0036	For Work In Restricted Working Space, Add	11.52	
	16MOD-0037	For Installation Above 14', Add	5.76	
16131-0371	EA	2" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	68.50	16.62
	16MOD-0036	For Work In Restricted Working Space, Add	12.47	
	16MOD-0037	For Installation Above 14', Add	6.24	
16131-0372	EA	2-1/2" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	109.12	20.61
	16MOD-0036	For Work In Restricted Working Space, Add	15.46	
	16MOD-0037	For Installation Above 14', Add	7.73	
16131-0373	EA	3" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	152.22	25.76
	16MOD-0036	For Work In Restricted Working Space, Add	19.32	
	16MOD-0037	For Installation Above 14', Add	9.66	
16131-0374	EA	3-1/2" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	218.40	30.91
	16MOD-0036	For Work In Restricted Working Space, Add	23.19	
	16MOD-0037	For Installation Above 14', Add	11.60	
16131-0375	EA	4" IMC Erickson Or "Kwik-Couple", Mounted Exposed On Flat Wall.....	250.71	33.49
	16MOD-0036	For Work In Restricted Working Space, Add	25.11	
	16MOD-0037	For Installation Above 14', Add	12.56	
16131-0376		Rigid/IMC To EMT Connection <small>(16131-0289)</small>		
16131-0377	EA	1/2" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall.....	38.43	5.16
	16MOD-0036	For Work In Restricted Working Space, Add	3.86	
	16MOD-0037	For Installation Above 14', Add	1.93	
16131-0378	EA	3/4" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall.....	44.40	5.67
	16MOD-0036	For Work In Restricted Working Space, Add	4.25	
	16MOD-0037	For Installation Above 14', Add	2.13	
16131-0379	EA	1" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall.....	52.09	6.44
	16MOD-0036	For Work In Restricted Working Space, Add	4.83	
	16MOD-0037	For Installation Above 14', Add	2.42	
16131-0380	EA	1-1/4" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall.....	64.89	6.95
	16MOD-0036	For Work In Restricted Working Space, Add	5.21	
	16MOD-0037	For Installation Above 14', Add	2.61	
16131-0381	EA	1-1/2" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall.....	85.54	7.73
	16MOD-0036	For Work In Restricted Working Space, Add	5.80	
	16MOD-0037	For Installation Above 14', Add	2.90	
16131-0382	EA	2" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall.....	119.15	8.51
	16MOD-0036	For Work In Restricted Working Space, Add	6.38	
	16MOD-0037	For Installation Above 14', Add	3.19	



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16131-0383	EA 2-1/2" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	182.68 7.73 3.86	10.30
16131-0384	EA 3" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	223.68 9.66 4.83	12.88
16131-0385	EA 3-1/2" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	269.00 11.60 5.80	15.46
16131-0386	EA 4" IMC Rigid To EMT Connector, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	315.41 12.56 6.28	16.74
16131-0387	Rain Tight Threaded Hubs <small>(16131-0289)</small>		
16131-0388	EA 1/2" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	13.95 3.86 1.93	5.16
16131-0389	EA 3/4" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	17.70 4.83 2.42	6.44
16131-0390	EA 1" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	21.68 5.80 2.90	7.73
16131-0391	EA 1-1/4" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	25.89 6.77 3.38	9.02
16131-0392	EA 1-1/2" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	30.06 7.73 3.86	10.30
16131-0393	EA 2" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	35.20 8.69 4.35	11.60
16131-0394	EA 2-1/2" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	42.62 9.66 4.83	12.88
16131-0395	EA 3" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	49.46 10.63 5.31	14.17
16131-0396	EA 3-1/2" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	60.07 12.56 6.28	16.74
16131-0397	EA 4" IMC Threaded Hubs, Rain Tight, Die Cast Zinc, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	68.04 13.52 6.76	18.03
16131-0398	Expansion Fitting <small>(16131-0289)</small>		
16131-0399	EA 1/2" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	71.84 7.73 3.87	10.30
16131-0400	EA 3/4" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	79.66 8.69 4.35	11.60
16131-0401	EA 1" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	88.53 9.66 4.83	12.88
16131-0402	EA 1-1/4" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	105.69 10.63 5.31	14.17
16131-0403	EA 1-1/2" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	127.76 11.59 5.80	15.46
16131-0404	EA 2" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	164.75 12.56 6.28	16.74
16131-0405	EA 2-1/2" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	244.56 15.46 7.73	20.61
16131-0406	EA 3" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	294.89 19.32 9.66	25.76
16131-0407	EA 3-1/2" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	406.57 23.19 11.59	30.91
16131-0408	EA 4" IMC Expansion Fittings, Mounted Exposed On Flat Wall 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	468.16 25.11 12.56	33.49
16131-0409	Sealing Fitting Vertical/Horizontal <small>(16131-0289)</small>		
16131-0410	EA 1/2" IMC Conduit Sealing Fitting Vertical/Horizontal 16MOD-0036 For Work In Restricted Working Space, Add 16MOD-0037 For Installation Above 14', Add	49.93 9.66 4.83	16.10

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16131-0411	EA	3/4" IMC Conduit Sealing Fitting Vertical/Horizontal	59.47	19.32
	16MOD-0036	For Work In Restricted Working Space, Add	11.60	
	16MOD-0037	For Installation Above 14', Add	5.80	
16131-0412	EA	1" IMC Conduit Sealing Fitting Vertical/Horizontal	71.85	22.54
	16MOD-0036	For Work In Restricted Working Space, Add	13.53	
	16MOD-0037	For Installation Above 14', Add	6.76	
16131-0413	EA	1-1/4" IMC Conduit Sealing Fitting Vertical/Horizontal	84.02	25.76
	16MOD-0036	For Work In Restricted Working Space, Add	15.46	
	16MOD-0037	For Installation Above 14', Add	7.73	
16131-0414	EA	1-1/2" IMC Conduit Sealing Fitting Vertical/Horizontal	106.89	28.98
	16MOD-0036	For Work In Restricted Working Space, Add	17.39	
	16MOD-0037	For Installation Above 14', Add	8.70	
16131-0415	EA	2" IMC Conduit Sealing Fitting Vertical/Horizontal	127.78	32.20
	16MOD-0036	For Work In Restricted Working Space, Add	19.32	
	16MOD-0037	For Installation Above 14', Add	9.66	
16131-0416	EA	2-1/2" IMC Conduit Sealing Fitting Vertical/Horizontal	175.76	38.65
	16MOD-0036	For Work In Restricted Working Space, Add	23.18	
	16MOD-0037	For Installation Above 14', Add	11.59	
16131-0417	EA	3" IMC Conduit Sealing Fitting Vertical/Horizontal	210.45	45.09
	16MOD-0036	For Work In Restricted Working Space, Add	27.05	
	16MOD-0037	For Installation Above 14', Add	13.52	
16131-0418	EA	3-1/2" IMC Conduit Sealing Fitting Vertical/Horizontal	449.98	51.53
	16MOD-0036	For Work In Restricted Working Space, Add	30.91	
	16MOD-0037	For Installation Above 14', Add	15.46	
16131-0419	EA	4" IMC Conduit Sealing Fitting Vertical/Horizontal	517.46	57.97
	16MOD-0036	For Work In Restricted Working Space, Add	34.78	
	16MOD-0037	For Installation Above 14', Add	17.39	
16131-0420		Coupling (16131-0289)		
16131-0421	EA	1/2" IMC Coupling, Mounted Exposed On Flat Wall	8.32	3.09
	16MOD-0036	For Work In Restricted Working Space, Add	2.32	
	16MOD-0037	For Installation Above 14', Add	1.16	
16131-0422	EA	3/4" IMC Coupling, Mounted Exposed On Flat Wall	11.68	4.38
	16MOD-0036	For Work In Restricted Working Space, Add	3.29	
	16MOD-0037	For Installation Above 14', Add	1.64	
16131-0423	EA	1" IMC Coupling, Mounted Exposed On Flat Wall	15.25	5.67
	16MOD-0036	For Work In Restricted Working Space, Add	4.25	
	16MOD-0037	For Installation Above 14', Add	2.12	
16131-0424	EA	1-1/4" IMC Coupling, Mounted Exposed On Flat Wall	17.48	6.44
	16MOD-0036	For Work In Restricted Working Space, Add	4.83	
	16MOD-0037	For Installation Above 14', Add	2.42	
16131-0425	EA	1-1/2" IMC Coupling, Mounted Exposed On Flat Wall	21.04	7.73
	16MOD-0036	For Work In Restricted Working Space, Add	5.79	
	16MOD-0037	For Installation Above 14', Add	2.90	
16131-0426	EA	2" IMC Coupling, Mounted Exposed On Flat Wall	24.18	8.76
	16MOD-0036	For Work In Restricted Working Space, Add	6.57	
	16MOD-0037	For Installation Above 14', Add	3.29	
16131-0427	EA	2-1/2" IMC Coupling, Mounted Exposed On Flat Wall	29.50	9.79
	16MOD-0036	For Work In Restricted Working Space, Add	7.34	
	16MOD-0037	For Installation Above 14', Add	3.67	
16131-0428	EA	3" IMC Coupling, Mounted Exposed On Flat Wall	34.57	11.07
	16MOD-0036	For Work In Restricted Working Space, Add	8.31	
	16MOD-0037	For Installation Above 14', Add	4.15	
16131-0429	EA	3-1/2" IMC Coupling, Mounted Exposed On Flat Wall	39.48	12.11
	16MOD-0036	For Work In Restricted Working Space, Add	9.08	
	16MOD-0037	For Installation Above 14', Add	4.54	
16131-0430	EA	4" IMC Coupling, Mounted Exposed On Flat Wall	41.46	12.88
	16MOD-0036	For Work In Restricted Working Space, Add	9.66	
	16MOD-0037	For Installation Above 14', Add	4.83	
16131-0431		Reducer Bushing (16131-0289)		
16131-0432	EA	1/2" To 3/4" IMC Reducing Bushing, Mounted Exposed On Flat Wall	3.90	1.28
	16MOD-0036	For Work In Restricted Working Space, Add	0.97	
	16MOD-0037	For Installation Above 14', Add	0.48	
16131-0433	EA	3/4" To 1" IMC Reducing Bushing, Mounted Exposed On Flat Wall	4.29	1.28
	16MOD-0036	For Work In Restricted Working Space, Add	0.97	
	16MOD-0037	For Installation Above 14', Add	0.48	
16131-0434		Conduit Installed Below Grade (16131)		
		Note: By direct burial In trench or in concrete slabs or duct banks. Excludes trenching, backfilling and concrete.		
16131-0435		PVC Schedule 40 Conduit With Glued Couplings (16131-0434)		
		Note: Direct burial.		
16131-0436		PVC Conduit And Coupling (16131-0435)		
16131-0437	LF	1/2" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling	1.45	
	16MOD-0039	For Schedule 60, Add	0.10	
	16MOD-0040	For Schedule 80, Add	0.18	
16131-0438	LF	3/4" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling	2.04	
	16MOD-0039	For Schedule 60, Add	0.14	
	16MOD-0040	For Schedule 80, Add	0.25	



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16131-0439	LF 1" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling.....	2.37	
	16MOD-0039 For Schedule 60, Add	0.18	
	16MOD-0040 For Schedule 80, Add	0.31	
16131-0440	LF 1-1/4" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling	2.92	
	16MOD-0039 For Schedule 60, Add	0.22	
	16MOD-0040 For Schedule 80, Add	0.39	
16131-0441	LF 1-1/2" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling	3.19	
	16MOD-0039 For Schedule 60, Add	0.25	
	16MOD-0040 For Schedule 80, Add	0.44	
16131-0442	LF 2" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling.....	3.52	
	16MOD-0039 For Schedule 60, Add	0.30	
	16MOD-0040 For Schedule 80, Add	0.51	
16131-0443	LF 2-1/2" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling	4.52	
	16MOD-0039 For Schedule 60, Add	0.42	
	16MOD-0040 For Schedule 80, Add	0.70	
16131-0444	LF 3" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling.....	5.68	
	16MOD-0039 For Schedule 60, Add	0.52	
	16MOD-0040 For Schedule 80, Add	0.86	
16131-0445	LF 3-1/2" PVC Schedule 40 Conduit With Couplings, Direct Burial, Glued Coupling.....	6.93	
	16MOD-0039 For Schedule 60, Add	0.65	
	16MOD-0040 For Schedule 80, Add	1.07	
16131-0446	LF 4" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling.....	7.96	
	16MOD-0039 For Schedule 60, Add	0.73	
	16MOD-0040 For Schedule 80, Add	1.21	
16131-0447	Elbows <small>(16131-0435)</small>		
	See CSI section 16131-0535 for conduit field bending.		
16131-0448	EA 1/2" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	9.79	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.04	
	16MOD-0039 For Schedule 60, Add	0.61	
	16MOD-0040 For Schedule 80, Add	1.13	
16131-0449	EA 3/4" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	12.23	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.04	
	16MOD-0039 For Schedule 60, Add	0.75	
	16MOD-0040 For Schedule 80, Add	1.40	
16131-0450	EA 1" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	14.44	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.07	
	16MOD-0039 For Schedule 60, Add	0.94	
	16MOD-0040 For Schedule 80, Add	1.72	
16131-0451	EA 1-1/4" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	18.02	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.10	
	16MOD-0039 For Schedule 60, Add	1.22	
	16MOD-0040 For Schedule 80, Add	2.20	
16131-0452	EA 1-1/2" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	21.06	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.13	
	16MOD-0039 For Schedule 60, Add	1.49	
	16MOD-0040 For Schedule 80, Add	2.65	
16131-0453	EA 2" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	24.48	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.17	
	16MOD-0039 For Schedule 60, Add	1.80	
	16MOD-0040 For Schedule 80, Add	3.17	
16131-0454	EA 2-1/2" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	29.98	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.33	
	16MOD-0039 For Schedule 60, Add	2.59	
	16MOD-0040 For Schedule 80, Add	4.36	
16131-0455	EA 3" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	36.66	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.55	
	16MOD-0039 For Schedule 60, Add	3.66	
	16MOD-0040 For Schedule 80, Add	5.95	
16131-0456	EA 3-1/2" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	45.03	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.77	
	16MOD-0039 For Schedule 60, Add	4.82	
	16MOD-0040 For Schedule 80, Add	7.72	
16131-0457	EA 4" PVC Schedule 40 Elbow 90 Degree Direct Burial, Glued Coupling.....	53.26	
	16MOD-0038 For 45 Degree Elbows, Deduct	-0.99	
	16MOD-0039 For Schedule 60, Add	5.98	
	16MOD-0040 For Schedule 80, Add	9.47	
16131-0458	Adapter <small>(16131-0435)</small>		
16131-0459	EA 1/2" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	7.68	
	16MOD-0039 For Schedule 60, Add	0.44	
	16MOD-0040 For Schedule 80, Add	0.84	
16131-0460	EA 3/4" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	9.23	
	16MOD-0039 For Schedule 60, Add	0.53	
	16MOD-0040 For Schedule 80, Add	1.01	
16131-0461	EA 1" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	10.34	
	16MOD-0039 For Schedule 60, Add	0.62	
	16MOD-0040 For Schedule 80, Add	1.16	
16131-0462	EA 1-1/4" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling	11.66	
	16MOD-0039 For Schedule 60, Add	0.72	
	16MOD-0040 For Schedule 80, Add	1.34	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0463 EA 1-1/2" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	12.40	
16MOD-0039 For Schedule 60, Add	0.77	
16MOD-0040 For Schedule 80, Add	1.42	
16131-0464 EA 2" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	12.78	
16MOD-0039 For Schedule 60, Add	0.72	
16MOD-0040 For Schedule 80, Add	1.38	
16131-0465 EA 2-1/2" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	15.80	
16MOD-0039 For Schedule 60, Add	1.19	
16MOD-0040 For Schedule 80, Add	2.08	
16131-0466 EA 3" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	17.47	
16MOD-0039 For Schedule 60, Add	1.43	
16MOD-0040 For Schedule 80, Add	2.44	
16131-0467 EA 3-1/2" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	20.85	
16MOD-0039 For Schedule 60, Add	1.75	
16MOD-0040 For Schedule 80, Add	2.97	
16131-0468 EA 4" PVC Schedule 40 Adapter, Direct Burial, Glued Coupling.....	23.48	
16MOD-0039 For Schedule 60, Add	1.90	
16MOD-0040 For Schedule 80, Add	3.26	
16131-0469 Bell End And Plug (16131-0435)		
16131-0470 EA 1-1/4" PVC Schedule 40 Bell End And Cap, Direct Burial, Glued Coupling.....	9.19	
16MOD-0039 For Schedule 60, Add	1.21	
16MOD-0040 For Schedule 80, Add	1.86	
16131-0471 EA 1-1/2" PVC Schedule 40 Bell End And Cap, Direct Burial, Glued Coupling.....	13.07	
16MOD-0039 For Schedule 60, Add	1.49	
16MOD-0040 For Schedule 80, Add	2.35	
16131-0472 EA 2" PVC Schedule 40 Bell End And Plug, Direct Burial, Glued Coupling.....	17.72	
16MOD-0039 For Schedule 60, Add	1.95	
16MOD-0040 For Schedule 80, Add	3.11	
16131-0473 EA 2-1/2" PVC Schedule 40 Bell End And Plug, Direct Burial, Glued Coupling.....	19.65	
16MOD-0039 For Schedule 60, Add	2.15	
16MOD-0040 For Schedule 80, Add	3.43	
16131-0474 EA 3" PVC Schedule 40 Bell End And Plug, Direct Burial, Glued Coupling.....	21.04	
16MOD-0039 For Schedule 60, Add	2.32	
16MOD-0040 For Schedule 80, Add	3.69	
16131-0475 EA 3-1/2" PVC Schedule 40 Bell End And Plug, Direct Burial, Glued Coupling.....	25.09	
16MOD-0039 For Schedule 60, Add	2.81	
16MOD-0040 For Schedule 80, Add	4.45	
16131-0476 EA 4" PVC Schedule 40 Bell End And Plug, Direct Burial, Glued Coupling.....	27.63	
16MOD-0039 For Schedule 60, Add	2.94	
16MOD-0040 For Schedule 80, Add	4.71	
16131-0477 Terminal Adapter (16131-0435)		
16131-0478 EA 1/2" Terminal Adapter, Direct Burial, Glued Coupling.....	7.62	
16131-0479 EA 3/4" Terminal Adapter, Direct Burial, Glued Coupling.....	9.23	
16131-0480 EA 1" Terminal Adapter, Direct Burial, Glued Coupling.....	10.27	
16131-0481 EA 1-1/4" Terminal Adapter, Direct Burial, Glued Coupling.....	11.54	
16131-0482 RGS PVC 20 Mil Coated Conduit (16131-0434)		
Note: Direct burial.		
16131-0483 LF 1/2" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	5.34	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	0.54	
16131-0484 LF 3/4" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	6.65	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	0.63	
16131-0485 LF 1" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	7.99	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	0.81	
16131-0486 LF 1-1/4" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	9.57	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	1.04	
16131-0487 LF 1-1/2" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	11.07	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	1.25	
16131-0488 LF 2" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	13.69	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	1.63	
16131-0489 LF 3" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	24.81	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	3.12	
16131-0490 LF 4" RGS PVC Coated Conduit With Coupling, Direct Burial, 20 Mil Coated.....	35.41	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	4.50	
16131-0491 EA 1/2" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	28.48	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	2.19	
16131-0492 EA 3/4" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	33.27	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	2.27	
16131-0493 EA 1" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	39.05	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	2.60	
16131-0494 EA 1-1/4" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	45.69	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	3.26	
16131-0495 EA 1-1/2" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	52.34	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	3.93	
16131-0496 EA 2" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	71.30	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	5.49	
16131-0497 EA 3" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated.....	138.16	
16MOD-0041 For 40 Mil PVC Exterior Coating, Add	16.52	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0498	EA 4" RGS PVC Coated Elbow, Direct Burial, 20 Mil Coated..... 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	187.02 22.91	
16131-0499	EA 1/2" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated..... 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	52.04 7.78	
16131-0500	EA 3/4" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated..... 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	58.91 8.64	
16131-0501	EA 1" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	71.49 10.79	
16131-0502	EA 1-1/4" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	98.58 16.02	
16131-0503	EA 1-1/2" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	125.67 21.26	
16131-0504	EA 2" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	154.90 26.59	
16131-0505	EA 3" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	305.05 55.80	
16131-0506	EA 4" RGS PVC Coated Adapter Union, Direct Burial, 20 Mil Coated 16MOD-0041 For 40 Mil PVC Exterior Coating, Add	486.36 90.18	
16131-0507	Spacers (16131-0434) Note: For concrete encasement applications. See CSI section 03311-0030 for concrete., 16131-0434 for conduit.		
16131-0508	EA 1" Base Spacers, Average 4" Wide, Direct Burial	6.29	
16131-0509	EA 1" Intermediate Spacers, Average 4" Wide, Direct Burial	7.20	
16131-0510	EA 1-1/4" Base Spacer, Average 4" Wide, Direct Burial.....	7.97	
16131-0511	EA 1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	8.60	
16131-0512	EA 1-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	8.03	
16131-0513	EA 1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	8.64	
16131-0514	EA 2" Base Spacer, Average 4" Wide, Direct Burial.....	10.00	
16131-0515	EA 2" Intermediate Spacers, Average 4" Wide, Direct Burial	9.28	
16131-0516	EA 2-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	11.05	
16131-0517	EA 2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	10.69	
16131-0518	EA 3" Base Spacer, Average 4" Wide, Direct Burial.....	12.66	
16131-0519	EA 3" Intermediate Spacers, Average 4" Wide, Direct Burial	12.09	
16131-0520	EA 3-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	13.71	
16131-0521	EA 3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	13.11	
16131-0522	EA 4" Base Spacer, Average 4" Wide, Direct Burial.....	14.13	
16131-0523	EA 4" Intermediate Spacers, Average 4" Wide, Direct Burial	13.48	
16131-0524	Conduit Bending (16131)		
16131-0525	Field Bend Metallic Conduit (16131-0524) Note: For EMT, RGS, IMC and aluminum conduits.		
16131-0526	EA 1-1/4" Metallic Conduits Field Bending	11.55	
16131-0527	EA 1-1/2" Metallic Conduits Field Bending	15.40	
16131-0528	EA 2" Metallic Conduits Field Bending	19.25	
16131-0529	EA 2-1/2" Metallic Conduits Field Bending	26.94	
16131-0530	EA 3" Metallic Conduits Field Bending	34.65	
16131-0531	EA 3-1/2" Metallic Conduits Field Bending	42.34	
16131-0532	EA 4" Metallic Conduits Field Bending	50.04	
16131-0533	EA 5" Metallic Conduits Field Bending	61.59	
16131-0534	EA 6" Metallic Conduits Field Bending	73.14	
16131-0535	Field Bend Plastic Conduit (16131-0524) Note: For PVC conduits.		
16131-0536	EA 1/2" Plastic Conduits Field Bending	11.55	
16131-0537	EA 3/4" Plastic Conduits Field Bending	15.40	
16131-0538	EA 1" Plastic Conduits Field Bending	17.71	
16131-0539	EA 1-1/4" Plastic Conduits Field Bending.....	19.25	
16131-0540	EA 1-1/2" Plastic Conduits Field Bending.....	23.10	
16131-0541	EA 2" Plastic Conduits Field Bending.....	30.79	
16131-0542	EA 2-1/2" Plastic Conduits Field Bending.....	38.49	
16131-0543	EA 3" Plastic Conduits Field Bending.....	46.20	
16131-0544	EA 3-1/2" Plastic Conduits Field Bending.....	53.89	
16131-0545	EA 4" Plastic Conduits Field Bending.....	61.59	
16131-0546	EA 5" Plastic Conduits Field Bending.....	69.28	
16131-0547	EA 6" Plastic Conduits Field Bending.....	76.99	
16131-0548	Duct Bank (16131) Note: Installation of single or multiple configuration underground utility raceways with 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications.		
16131-0549	Rigid Galvanized Steel Conduit (GRC Or RGS) Duct Bank (16131-0548) Note: Includes appropriate spacers and fittings		
16131-0550	LF 2 At 2", Rigid Galvanized Conduit Duct Bank	17.69	
16131-0551	LF 4 At 2", Rigid Galvanized Conduit Duct Bank	35.39	
16131-0552	LF 2 At 3", Rigid Galvanized Conduit Duct Bank	36.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0553	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	72.57	
16131-0554	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	53.21	
16131-0555	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	107.07	
16131-0556	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	161.14	
16131-0557		PVC, Type EB Duct Bank System (16131-0548)		
		Note: Includes appropriate spacers and fittings		
16131-0558	LF	1 At 2", PVC, Type EB Duct Bank.....	2.48	
16131-0559	LF	2 At 2", PVC, Type EB Duct Bank.....	5.40	
16131-0560	LF	4 At 2", PVC, Type EB Duct Bank.....	10.40	
16131-0561	LF	1 At 3", PVC, Type EB Duct Bank.....	3.30	
16131-0562	LF	2 At 3", PVC, Type EB Duct Bank.....	6.58	
16131-0563	LF	4 At 3", PVC, Type EB Duct Bank.....	13.34	
16131-0564	LF	1 At 4", PVC, Type EB Duct Bank.....	4.47	
16131-0565	LF	2 At 4", PVC, Type EB Duct Bank.....	8.96	
16131-0566	LF	4 At 4", PVC, Type EB Duct Bank.....	17.94	
16131-0567	LF	6 At 4", PVC, Type EB Duct Bank.....	26.92	
16131-0568		PVC, Type DB Duct Bank System (16131-0548)		
		Note: Includes appropriate spacers and fittings		
16131-0569	LF	1 At 2", PVC, Type DB Duct Bank	2.76	
16131-0570	LF	2 At 2", PVC, Type DB Duct Bank	5.98	
16131-0571	LF	4 At 2", PVC, Type DB Duct Bank	11.50	
16131-0572	LF	1 At 3", PVC, Type DB Duct Bank	3.44	
16131-0573	LF	2 At 3", PVC, Type DB Duct Bank	6.89	
16131-0574	LF	4 At 3", PVC, Type DB Duct Bank	13.71	
16131-0575	LF	1 At 4", PVC, Type DB Duct Bank	4.62	
16131-0576	LF	2 At 4", PVC, Type DB Duct Bank	9.26	
16131-0577	LF	4 At 4", PVC, Type DB Duct Bank	18.55	
16131-0578	LF	6 At 4", PVC, Type DB Duct Bank	27.82	
16131-0579		Male Or Female Adapters (16131-0548)		
16131-0580	EA	2" Adapter.....	24.17	
16131-0581	EA	3" Adapter.....	34.68	
16131-0582	EA	4" Adapter.....	44.76	
16131-0583		Explosion Proof Conduit Fittings (16131)		
		Note: For use with RGS, EMT and IMC conduit		
16131-0584		Explosion Proof Malleable Iron Unions And Couplings (16131-0583)		
16131-0585		Explosion Proof Malleable Iron Unions (16131-0584)		
16131-0586	EA	1/2" Explosion Proof Malleable Iron Union.....	28.98	5.36
16131-0587	EA	3/4" Explosion Proof Malleable Iron Union.....	36.19	5.93
16131-0588	EA	1" Explosion Proof Malleable Iron Union.....	58.46	7.91
16131-0589	EA	1-1/4" Explosion Proof Malleable Iron Union.....	80.16	8.75
16131-0590	EA	1-1/2" Explosion Proof Malleable Iron Union.....	101.57	10.73
16131-0591	EA	2" Explosion Proof Malleable Iron Union.....	127.13	12.43
16131-0592	EA	2-1/2" Explosion Proof Malleable Iron Union.....	179.96	17.76
16131-0593	EA	3" Explosion Proof Malleable Iron Union.....	252.15	21.14
16131-0594	EA	3-1/2" Explosion Proof Malleable Iron Union.....	392.69	25.36
16131-0595	EA	4" Explosion Proof Malleable Iron Union.....	430.45	32.41
16131-0596		Explosion Proof Malleable Iron Couplings-Hub Boxes (16131-0584)		
16131-0597	EA	2 Hub Explosion Proof Malleable Iron Box For 1/2" Conduit.....	59.06	16.94
16131-0598	EA	2 Hub Explosion Proof Malleable Iron Box For 3/4" Conduit.....	71.09	19.20
16131-0599	EA	3 Hub Explosion Proof Malleable Iron Box For 1/2" Conduit.....	77.37	21.18
16131-0600	EA	3 Hub Explosion Proof Malleable Iron Box For 3/4" Conduit.....	92.29	25.41
16131-0601	EA	1/2" X 12" Explosion Proof Flexible Coupling.....	294.63	6.49
16131-0602	EA	3/4" X 15" Explosion Proof Flexible Coupling.....	412.14	7.34
16131-0603	EA	2 Hub Explosion Proof Malleable Iron Box For 1" Conduit.....	78.58	21.18
16131-0604	EA	3 Hub Explosion Proof Malleable Iron Box For 1" Conduit.....	103.85	29.08
16131-0605		Explosion Proof Malleable Iron Horizontal/Vertical Seal Offs (16131-0584)		
16131-0606	EA	1/2" Explosion Proof Malleable Iron Seal Off	58.63	14.11
16131-0607	EA	3/4" Explosion Proof Malleable Iron Seal Off	66.90	15.81
16131-0608	EA	1" Explosion Proof Malleable Iron Seal Off	78.42	17.22
16131-0609	EA	1-1/4" Explosion Proof Malleable Iron Seal Off.....	95.62	21.18
16131-0610	EA	1-1/2" Explosion Proof Malleable Iron Seal Off	126.82	24.84
16131-0611	EA	2" Explosion Proof Malleable Iron Seal Off	154.64	28.23
16131-0612	EA	2-1/2" Explosion Proof Malleable Iron Seal Off.....	234.91	42.27
16131-0613	EA	3" Explosion Proof Malleable Iron Seal Off.....	291.70	52.98
16131-0614	EA	3-1/2" Explosion Proof Malleable Iron Seal Off	611.21	58.33
16131-0615	EA	4" Explosion Proof Malleable Iron Seal Off	823.79	63.40



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16131-0616 Flexible Conduit <small>(16131)</small>		
16131-0617 Liquid Tight Flexible Conduit And Connectors <small>(16131-0616)</small>		
Note: Steel inner core with PVC cover		
16131-0618 Liquid Tight Flexible Conduit <small>(16131-0617)</small>		
16131-0619 LF 1/2" Liquid Tight Flex Conduit.....	2.46	0.77
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.29	
16MOD-0047 For Work In Restricted Working Space, Add	0.58	
16131-0620 LF 3/4" Liquid Tight Flex Conduit.....	3.28	1.03
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.39	
16MOD-0047 For Work In Restricted Working Space, Add	0.77	
16131-0621 LF 1" Liquid Tight Flex Conduit.....	3.64	1.03
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.39	
16MOD-0047 For Work In Restricted Working Space, Add	0.77	
16131-0622 LF 1-1/4" Liquid Tight Flex Conduit.....	4.66	1.28
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.48	
16MOD-0047 For Work In Restricted Working Space, Add	0.97	
16131-0623 LF 1-1/2" Liquid Tight Flex Conduit.....	5.89	1.54
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.58	
16MOD-0047 For Work In Restricted Working Space, Add	1.16	
16131-0624 LF 2" Liquid Tight Flex Conduit.....	7.78	2.06
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.77	
16MOD-0047 For Work In Restricted Working Space, Add	1.55	
16131-0625 LF 2-1/2" Liquid Tight Flex Conduit.....	10.13	2.32
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	0.87	
16MOD-0047 For Work In Restricted Working Space, Add	1.74	
16131-0626 LF 3" Liquid Tight Flex Conduit.....	14.36	2.84
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	1.06	
16MOD-0047 For Work In Restricted Working Space, Add	2.12	
16131-0627 LF 4" Liquid Tight Flex Conduit.....	19.41	3.61
16MOD-0042 For Installation In Concrete (Excludes Concrete), Add	1.35	
16MOD-0047 For Work In Restricted Working Space, Add	2.71	
16131-0628 Straight Connector <small>(16131-0617)</small>		
16131-0629 EA 1/2" Straight Liquid Tight Connector	6.44	2.06
16MOD-0047 For Work In Restricted Working Space, Add	1.55	
16131-0630 EA 3/4" Straight Liquid Tight Connector	7.64	2.32
16MOD-0047 For Work In Restricted Working Space, Add	1.74	
16131-0631 EA 1" Straight Liquid Tight Connector	9.72	2.58
16MOD-0047 For Work In Restricted Working Space, Add	1.93	
16131-0632 EA 1-1/4" Straight Liquid Tight Connector	12.04	2.84
16MOD-0047 For Work In Restricted Working Space, Add	2.12	
16131-0633 EA 1-1/2" Straight Liquid Tight Connector	14.80	3.09
16MOD-0047 For Work In Restricted Working Space, Add	2.32	
16131-0634 EA 2" Straight Liquid Tight Connector	19.81	3.61
16MOD-0047 For Work In Restricted Working Space, Add	2.71	
16131-0635 EA 2-1/2" Straight Liquid Tight Connector	60.57	4.63
16MOD-0047 For Work In Restricted Working Space, Add	3.48	
16131-0636 EA 3" Straight Liquid Tight Connector	77.10	4.89
16MOD-0047 For Work In Restricted Working Space, Add	3.67	
16131-0637 EA 4" Straight Liquid Tight Connector	95.49	7.21
16MOD-0047 For Work In Restricted Working Space, Add	5.41	
16131-0638 90 Degree Angle Connector <small>(16131-0617)</small>		
16131-0639 EA 1/2" 90 Degree Angle Liquid Tight Connector.....	9.50	2.84
16MOD-0047 For Work In Restricted Working Space, Add	2.12	
16131-0640 EA 3/4" 90 Degree Angle Liquid Tight Connector.....	10.64	3.09
16MOD-0047 For Work In Restricted Working Space, Add	2.32	
16131-0641 EA 1" 90 Degree Angle Liquid Tight Connector.....	14.31	3.61
16MOD-0047 For Work In Restricted Working Space, Add	2.71	
16131-0642 EA 1-1/4" 90 Degree Angle Liquid Tight Connector.....	17.40	3.86
16MOD-0047 For Work In Restricted Working Space, Add	2.90	
16131-0643 EA 1-1/2" 90 Degree Angle Liquid Tight Connector	20.58	4.12
16MOD-0047 For Work In Restricted Working Space, Add	3.09	
16131-0644 EA 2" 90 Degree Angle Liquid Tight Connector.....	26.49	4.63
16MOD-0047 For Work In Restricted Working Space, Add	3.48	
16131-0645 EA 2-1/2" 90 Degree Angle Liquid Tight Connector	83.16	4.89
16MOD-0047 For Work In Restricted Working Space, Add	3.67	
16131-0646 EA 3" 90 Degree Angle Liquid Tight Connector.....	98.15	5.67
16MOD-0047 For Work In Restricted Working Space, Add	4.25	
16131-0647 EA 4" 90 Degree Angle Liquid Tight Connector.....	136.86	9.02
16MOD-0047 For Work In Restricted Working Space, Add	6.76	
16131-0648 45 Degree Angle Connector <small>(16131-0617)</small>		
16131-0649 EA 1/2" 45 Degree Angle Liquid Tight Connector.....	9.20	2.84
16MOD-0047 For Work In Restricted Working Space, Add	2.12	
16131-0650 EA 3/4" 45 Degree Angle Liquid Tight Connector.....	10.64	3.09
16MOD-0047 For Work In Restricted Working Space, Add	2.32	
16131-0651 EA 1" 45 Degree Angle Liquid Tight Connector.....	15.07	3.61
16MOD-0047 For Work In Restricted Working Space, Add	2.71	

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16131-0652	EA	1-1/4" 45 Degree Angle Liquid Tight Connector.....	16.91	3.86
		16MOD-0047 For Work In Restricted Working Space, Add	2.90	
16131-0653	EA	1-1/2" 45 Degree Angle Liquid Tight Connector.....	18.76	4.12
		16MOD-0047 For Work In Restricted Working Space, Add	3.09	
16131-0654		Flexible Metallic Conduit And Connectors (16131-0618)		
16131-0655		Flexible Steel Conduit (16131-0654)		
16131-0656	LF	1/2" Flexible Metallic Conduit.....	2.65	0.84
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.09	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.32	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.21	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.53	
		16MOD-0047 For Work In Restricted Working Space, Add	0.64	
16131-0657	LF	3/4" Flexible Metallic Conduit.....	3.01	1.12
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.12	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.34	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.23	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.57	
		16MOD-0047 For Work In Restricted Working Space, Add	0.69	
16131-0658	LF	1" Flexible Metallic Conduit.....	3.81	1.12
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.22	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.37	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.25	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.62	
		16MOD-0047 For Work In Restricted Working Space, Add	0.74	
16131-0659	LF	1-1/4" Flexible Metallic Conduit.....	4.36	1.41
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.29	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.39	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.26	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.65	
		16MOD-0047 For Work In Restricted Working Space, Add	0.78	
16131-0660	LF	1-1/2" Flexible Metallic Conduit.....	5.78	1.69
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.51	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.41	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.27	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.68	
		16MOD-0047 For Work In Restricted Working Space, Add	0.81	
16131-0661	LF	2" Flexible Metallic Conduit.....	6.59	2.26
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.62	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.42	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.28	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.71	
		16MOD-0047 For Work In Restricted Working Space, Add	0.85	
16131-0662	LF	2-1/2" Flexible Steel Conduit.....	8.08	2.54
		16MOD-0043 For Flexible Aluminum Conduit, Add	0.75	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.53	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.35	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	0.88	
		16MOD-0047 For Work In Restricted Working Space, Add	1.06	
16131-0663	LF	3" Flexible Metallic Conduit.....	12.15	3.10
		16MOD-0043 For Flexible Aluminum Conduit, Add	1.31	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.63	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.42	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	1.06	
		16MOD-0047 For Work In Restricted Working Space, Add	1.27	
16131-0664	LF	3-1/2" Flexible Metallic Conduit.....	14.92	3.38
		16MOD-0043 For Flexible Aluminum Conduit, Add	1.65	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.74	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.49	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	1.23	
		16MOD-0047 For Work In Restricted Working Space, Add	1.48	
16131-0665	LF	4" Flexible Metallic Conduit.....	17.15	3.94
		16MOD-0043 For Flexible Aluminum Conduit, Add	1.90	
		16MOD-0044 For Installation In Concrete (Excludes Concrete), Add	0.84	
		16MOD-0045 For Installation In Metal Stud Wall, Add	0.56	
		16MOD-0046 For Installation In Wood Stud Wall (Includes Drilling), Add	1.41	
		16MOD-0047 For Work In Restricted Working Space, Add	1.69	
16131-0666		Plain Squeeze Type Straight Connector (16131-0654)		
16131-0667	EA	1/2" Flexible Straight Connectors, Plain.....	5.45	2.54
		16MOD-0047 For Work In Restricted Working Space, Add	1.06	
16131-0668	EA	3/4" Flexible Straight Connectors, Plain.....	6.26	3.10
		16MOD-0047 For Work In Restricted Working Space, Add	1.27	
16131-0669	EA	1" Flexible Straight Connectors, Plain.....	10.09	3.38
		16MOD-0047 For Work In Restricted Working Space, Add	1.69	
16131-0670	EA	1-1/4" Flexible Straight Connectors, Plain.....	14.35	3.94
		16MOD-0047 For Work In Restricted Working Space, Add	2.12	
16131-0671	EA	1-1/2" Flexible Straight Connectors, Plain.....	18.94	4.79
		16MOD-0047 For Work In Restricted Working Space, Add	2.64	
16131-0672	EA	2" Flexible Straight Connectors, Plain.....	24.99	4.79
		16MOD-0047 For Work In Restricted Working Space, Add	3.17	
16131-0673	EA	2-1/2" Flexible Straight Connectors, Plain.....	40.66	5.92
		16MOD-0047 For Work In Restricted Working Space, Add	3.70	



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16131-0674	EA 3" Flexible Straight Connectors, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	53.37 4.23	6.48
16131-0675	EA 3-1/2" Flexible Straight Connectors, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	167.76 4.76	7.61
16131-0676	EA 4" Flexible Straight Connectors, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	209.80 5.29	9.29
16131-0677	Insulated Throat Squeeze Type Straight Connector (16131-0654)		
16131-0678	EA 1/2" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	6.11 1.06	2.54
16131-0679	EA 3/4" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	7.14 1.27	3.10
16131-0680	EA 1" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	11.28 1.69	3.38
16131-0681	EA 1-1/4" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	16.53 2.12	3.94
16131-0682	EA 1-1/2" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	22.82 2.64	4.23
16131-0683	EA 2" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	31.84 3.17	4.79
16131-0684	EA 2-1/2" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	55.31 3.70	5.92
16131-0685	EA 3" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	70.64 4.23	6.48
16131-0686	EA 3-1/2" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	194.37 4.76	7.61
16131-0687	EA 4" Flexible Straight Connectors, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	249.82 5.29	9.29
16131-0688	Plain Squeeze Type 90 Degree Connector (16131-0654)		
16131-0689	EA 1/2" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	8.19 1.48	3.10
16131-0690	EA 3/4" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	10.73 1.69	3.38
16131-0691	EA 1" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	15.10 2.12	3.94
16131-0692	EA 1-1/4" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	23.74 2.54	4.23
16131-0693	EA 1-1/2" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	37.28 3.17	4.93
16131-0694	EA 2" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	45.01 3.59	6.06
16131-0695	EA 2-1/2" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	100.20 4.23	6.48
16131-0696	EA 3" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	128.90 4.76	7.61
16131-0697	EA 3-1/2" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	274.70 5.29	9.29
16131-0698	EA 4" Flexible 90 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	491.57 6.34	10.57
16131-0699	Insulated Throat Squeeze Type 90 Degree Connector (16131-0654)		
16131-0700	EA 1/2" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	9.11 1.48	3.10
16131-0701	EA 3/4" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	11.87 1.69	3.38
16131-0702	EA 1" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	15.10 2.12	3.94
16131-0703	EA 1-1/4" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	27.78 2.54	4.23
16131-0704	EA 1-1/2" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	44.62 3.17	4.93
16131-0705	EA 2" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	56.93 3.59	6.06
16131-0706	EA 2-1/2" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	137.49 4.23	6.48
16131-0707	EA 3" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	169.30 4.76	7.61
16131-0708	EA 3-1/2" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	457.83 5.29	9.29
16131-0709	EA 4" Flexible 90 Degree Connector, Insulated..... 16MOD-0047 For Work In Restricted Working Space, Add	683.38 6.34	10.57
16131-0710	Plain Squeeze Type 45 Degree Connector (16131-0654)		
16131-0711	EA 3/8" Flexible 45 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	6.92 1.27	2.82
16131-0712	EA 1/2" Flexible 45 Degree Connector, Plain..... 16MOD-0047 For Work In Restricted Working Space, Add	9.38 1.48	3.10

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16131-0713	EA	3/4" Flexible 45 Degree Connector, Plain.....	12.06	3.38
	16MOD-0047	For Work In Restricted Working Space, Add	1.69	
16131-0714		Insulated Squeeze Type 45 Degree Connector (16131-0654)		
16131-0715	EA	3/8" Flexible 45 Degree Connector, Insulated.....	7.43	3.38
	16MOD-0047	For Work In Restricted Working Space, Add	1.27	
16131-0716	EA	1/2" Flexible 45 Degree Connector, Insulated.....	10.22	3.10
	16MOD-0047	For Work In Restricted Working Space, Add	1.48	
16131-0717	EA	3/4" Flexible 45 Degree Connector, Insulated.....	13.25	3.38
	16MOD-0047	For Work In Restricted Working Space, Add	1.69	
16131-0718		Plain Screw-In Connector (16131-0654)		
16131-0719	EA	3/8" Flexible Steel Screw-in Connector, Plain.....	3.62	2.26
	16MOD-0047	For Work In Restricted Working Space, Add	0.95	
16131-0720	EA	1/2" Flexible Steel Screw-in Connector, Plain.....	3.89	2.54
	16MOD-0047	For Work In Restricted Working Space, Add	1.06	
16131-0721	EA	3/4" Flexible Steel Screw-in Connector, Plain.....	4.99	3.10
	16MOD-0047	For Work In Restricted Working Space, Add	1.27	
16131-0722	EA	1" Flexible Steel Screw-in Connector, Plain.....	7.15	3.38
	16MOD-0047	For Work In Restricted Working Space, Add	1.69	
16131-0723	EA	1-1/4" Flexible Steel Screw-in Connector, Plain.....	10.61	3.94
	16MOD-0047	For Work In Restricted Working Space, Add	2.12	
16131-0724	EA	1-1/2" Flexible Steel Screw-in Connector, Plain.....	12.95	4.23
	16MOD-0047	For Work In Restricted Working Space, Add	2.64	
16131-0725	EA	2" Flexible Steel Screw-in Connector, Plain.....	19.18	4.79
	16MOD-0047	For Work In Restricted Working Space, Add	3.17	
16131-0726		Insulated Screw-In Connector (16131-0654)		
16131-0727	EA	3/8" Flexible Steel Screw-in Connector, Insulated.....	3.84	2.26
	16MOD-0047	For Work In Restricted Working Space, Add	0.95	
16131-0728	EA	1/2" Flexible Steel Screw-in Connector, Insulated.....	4.07	2.54
	16MOD-0047	For Work In Restricted Working Space, Add	1.06	
16131-0729	EA	3/4" Flexible Steel Screw-in Connector, Insulated.....	5.44	3.10
	16MOD-0047	For Work In Restricted Working Space, Add	1.27	
16131-0730	EA	1" Flexible Steel Screw-in Connector, Insulated.....	7.84	3.38
	16MOD-0047	For Work In Restricted Working Space, Add	1.69	
16131-0731	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated.....	11.59	3.94
	16MOD-0047	For Work In Restricted Working Space, Add	2.12	
16131-0732	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated.....	14.12	4.23
	16MOD-0047	For Work In Restricted Working Space, Add	2.64	
16131-0733	EA	2" Flexible Steel Screw-in Connector, Insulated.....	20.22	4.79
	16MOD-0047	For Work In Restricted Working Space, Add	3.17	
16131-0734		Screw-In Coupling (16131-0654)		
16131-0735	EA	1/2" Flexible Steel Screw-in Coupling.....	4.32	2.54
	16MOD-0047	For Work In Restricted Working Space, Add	1.06	
16131-0736	EA	3/4" Flexible Steel Screw-in Coupling.....	5.70	3.10
	16MOD-0047	For Work In Restricted Working Space, Add	1.27	
16131-0737		Flexible To EMT Coupling (16131-0654)		
16131-0738	EA	3/8" Flexible Steel To EMT Coupling.....	5.91	2.26
	16MOD-0047	For Work In Restricted Working Space, Add	0.95	
16131-0739	EA	1/2" Flexible Steel To EMT Coupling.....	8.09	2.54
	16MOD-0047	For Work In Restricted Working Space, Add	1.06	
16131-0740	EA	3/4" Flexible Steel To EMT Coupling.....	10.72	3.10
	16MOD-0047	For Work In Restricted Working Space, Add	1.27	
16131-0741		Die Cast Squeeze Type Straight Connector (16131-0654)		
16131-0742	EA	3/8" Flexible Straight Connector, Die Cast.....	3.76	2.26
	16MOD-0047	For Work In Restricted Working Space, Add	0.95	
16131-0743	EA	1/2" Flexible Straight Connector, Die Cast.....	4.25	2.54
	16MOD-0047	For Work In Restricted Working Space, Add	1.06	
16131-0744	EA	3/4" Flexible Straight Connector, Die Cast.....	5.29	3.10
	16MOD-0047	For Work In Restricted Working Space, Add	1.27	
16131-0745	EA	1" Flexible Straight Connector, Die Cast.....	8.00	3.38
	16MOD-0047	For Work In Restricted Working Space, Add	1.69	
16131-0746	EA	1-1/4" Flexible Straight Connector, Die Cast.....	10.82	3.94
	16MOD-0047	For Work In Restricted Working Space, Add	2.12	
16131-0747	EA	1-1/2" Flexible Straight Connector, Die Cast.....	14.72	4.23
	16MOD-0047	For Work In Restricted Working Space, Add	2.64	
16131-0748	EA	2" Flexible Straight Connector, Die Cast.....	19.09	4.79
	16MOD-0047	For Work In Restricted Working Space, Add	3.17	
16131-0749		Die Cast Squeeze Type 90 Degree Connector (16131-0654)		



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16131-0750 EA 3/8" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	4.98 1.27	2.82
16131-0751 EA 1/2" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	6.18 1.48	3.10
16131-0752 EA 3/4" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	7.52 1.69	3.38
16131-0753 EA 1" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	12.05 2.12	3.94
16131-0754 EA 1-1/4" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	17.18 2.54	4.23
16131-0755 EA 1-1/2" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	26.85 3.17	4.93
16131-0756 EA 2" Flexible 90 Degree Connector, Die Cast 16MOD-0047 For Work In Restricted Working Space, Add	32.14 3.59	6.06
 16134 Boxes (16100)		
16134-0001 Metal Device, Fixture And Junction Boxes (16134) Note: Thin wall metal		
16134-0002 Surface Mount Metal Device, Fixture And Junction Boxes (16134-0001) Note: Thin wall metal		
16134-0003 EA 4" Square Steel Box X 1-1/2" Deep With Cover.....	19.91	8.80
16134-0004 EA 4" Square Steel Box X 2-1/8" Deep With Cover.....	21.40	8.80
16134-0005 EA 4-11/16" Square Steel Box X 2-1/8" Deep With Cover	21.80	8.80
16134-0006 EA 4" Steel Octagon Box, 1-1/2" Deep With Cover	22.90	8.80
16134-0007 EA 4" Steel Octagon Box, 2-1/8" Deep With Cover	23.06	8.80
 16134-0008 Flush Mount Metal Device, Fixture And Junction Boxes (16134-0001) Note: Thin wall metal		
16134-0009 EA 3" x 2" x 2-1/2" Steel Box With Cover, Drywall Only, Flush Mount.....	12.38	5.28
16134-0010 EA 3"-1/2" x 3-3/4" Steel Masonry Box With Cover, 1 Gang, Flush Mount.....	15.71	5.28
16134-0011 EA 3"-1/2" x 3-3/4" Steel Masonry Box With Cover, 2 Gang, Flush Mount.....	20.33	7.05
16134-0012 EA 3"-1/2" x 3-3/4" Steel Masonry Box With Cover, 3 Gang, Flush Mount.....	28.45	10.57
16134-0013 EA 3"-1/2" x 3-3/4" Steel Masonry Box With Cover, 4 Gang, Flush Mount.....	35.94	14.09
16134-0014 EA 4" Square Steel Box With Cover, 1-1/2" Deep, Flush Mount	27.06	8.80
16134-0015 EA 4" Square Steel Box With Cover, 2-1/8" Deep, Flush Mount	29.11	8.80
16134-0016 EA 4-11/16" Square Steel Box With Cover, 2-1/8" Deep, Flush Mount	29.11	8.80
 16134-0017 Replacement Covers For Junction Boxes (16134-0001)		
16134-0018 EA 4" Square Steel Blank Cover	5.81	2.47
16134-0019 EA 4" Square Steel 1/2" Raised Device Cover.....	6.86	2.47
16134-0020 EA 4-11/16" Square Steel Blank Cover.....	7.04	2.82
16134-0021 EA 4-11/16" Square Steel 1/2" Raised Cover.....	10.51	2.82
16134-0022 EA 4" Steel Octagon Blank Cover	7.44	2.82
 16134-0023 Cast Boxes (16134) Note: For flush or surface mount		
16134-0024 Less Than 1-5/8" Single Gang Cast Boxes (16134-0023)		
16134-0025 EA 1/2", 1 Gang Type FS, Cast Box, Up To 1-5/8" Deep	38.47	10.57
16134-0026 EA 3/4", 1 Gang Type FS, Cast Box, Up To 1-5/8" Deep	42.91	12.33
16134-0027 EA 1", 1 Gang Type FS, Cast Box, Up To 1-5/8" Deep	47.98	14.09
16134-0028 EA 1/2", 1 Gang Type FSA, Cast Box, Up To 1-5/8" Deep.....	37.26	10.57
16134-0029 EA 1", 1 Gang Type FSA, Cast Box, Up To 1-5/8" Deep.....	45.66	12.33
16134-0030 EA 1/2", 1 Gang Type FSC, Cast Box, Up To 1-5/8" Deep	47.26	14.09
16134-0031 EA 3/4", 1 Gang Type FSC, Cast Box, Up To 1-5/8" Deep	52.68	15.85
16134-0032 EA 1", 1 Gang Type FSC, Cast Box, Up To 1-5/8" Deep	64.89	19.37
16134-0033 EA 1/2", 1 Gang Type FSL, Cast Box, Up To 1-5/8" Deep	45.44	14.09
16134-0034 EA 3/4", 1 Gang Type FSL, Cast Box, Up To 1-5/8" Deep	48.97	15.85
16134-0035 EA 1/2", 1 Gang Type FSR, Cast Box, Up To 1-5/8" Deep	45.44	14.09
16134-0036 EA 3/4", 1 Gang Type FSR, Cast Box, Up To 1-5/8" Deep	48.97	15.85
16134-0037 EA 1/2", 1 Gang Type FSS, Cast Box, Up To 1-5/8" Deep.....	52.44	14.09
16134-0038 EA 3/4", 1 Gang Type FSS, Cast Box, Up To 1-5/8" Deep.....	57.46	15.85
16134-0039 EA 1/2", 1 Gang Type FSCA, Cast Box, Up To 1-5/8" Deep	53.49	14.09
16134-0040 EA 3/4", 1 Gang Type FSCA, Cast Box, Up To 1-5/8" Deep	60.86	15.85
16134-0041 EA 1/2", 1 Gang Type FSCC, Cast Box, Up To 1-5/8" Deep	66.82	22.89
16134-0042 EA 3/4", 1 Gang Type FSCC, Cast Box, Up To 1-5/8" Deep	80.27	24.65
16134-0043 EA 1/2", 1 Gang Type FSCT, Cast Box, Up To 1-5/8" Deep	69.23	22.89
16134-0044 EA 3/4", 1 Gang Type FSCT, Cast Box, Up To 1-5/8" Deep	78.51	24.65
16134-0045 EA 1/2", 1 Gang Type FST, Cast Box, Up To 1-5/8" Deep	76.20	22.89
16134-0046 EA 3/4", 1 Gang Type FST, Cast Box, Up To 1-5/8" Deep	83.50	24.65
16134-0047 EA 1/2", 1 Gang Type FSX, Cast Box, Up To 1-5/8" Deep.....	74.97	22.89
16134-0048 EA 3/4", 1 Gang Type FSX, Cast Box, Up To 1-5/8" Deep.....	85.18	24.65
16134-0049 EA 1/2", 1 Gang Type FSCD, Cast Box, Up To 1-5/8" Deep.....	88.58	28.17
 16134-0050 1-5/8" To 2-1/2" Deep Single Gang Cast Boxes (16134-0023)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16134-0051 EA 1/2", 1 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	41.23	10.57
16134-0052 EA 3/4", 1 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	46.56	12.33
16134-0053 EA 1", 1 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	51.61	14.09
16134-0054 EA 1/2", 1 Gang, Type FDA, Cast Box, 1-5/8" To 2-1/2" Deep	44.58	10.57
16134-0055 EA 3/4", 1 Gang, Type FDA, Cast Box, 1-5/8" To 2-1/2" Deep	49.95	12.33
16134-0056 EA 1/2", 1 Gang, Type FDC, Cast Box, 1-5/8" To 2-1/2" Deep	51.03	14.09
16134-0057 EA 3/4", 1 Gang, Type FDC, Cast Box, 1-5/8" To 2-1/2" Deep	56.35	15.85
16134-0058 EA 1", 1 Gang, Type FDC, Cast Box, 1-5/8" To 2-1/2" Deep	67.94	19.37
16134-0059 EA 1/2", 1 Gang, Type FDL, Cast Box, 1-5/8" To 2-1/2" Deep	59.16	14.09
16134-0060 EA 3/4", 1 Gang, Type FDL, Cast Box, 1-5/8" To 2-1/2" Deep	65.17	15.85
16134-0061 EA 1/2", 1 Gang, Type FDR / FDS, Cast Box, 1-5/8" To 2-1/2" Deep	58.05	14.09
16134-0062 EA 3/4", 1 Gang, Type FDR / FDS, Cast Box, 1-5/8" To 2-1/2" Deep	60.42	15.85
16134-0063 EA 1/2", 1 Gang, Type FDLA, Cast Box, 1-5/8" To 2-1/2" Deep	72.64	14.09
16134-0064 EA 3/4", 1 Gang, Type FDLA, Cast Box, 1-5/8" To 2-1/2" Deep	63.13	15.85
16134-0065 EA 1/2", 1 Gang, Type FDD, Cast Box, 1-5/8" To 2-1/2" Deep	54.26	14.09
16134-0066 EA 3/4", 1 Gang, Type FDD, Cast Box, 1-5/8" To 2-1/2" Deep	59.57	15.85
16134-0067 EA 1", 1 Gang, Type FDD, Cast Box, 1-5/8" To 2-1/2" Deep	69.17	19.37
16134-0068 EA 1/2", 1 Gang, Type FDCC, Cast Box, 1-5/8" To 2-1/2" Deep	73.11	21.14
16134-0069 EA 3/4", 1 Gang, Type FDCC, Cast Box, 1-5/8" To 2-1/2" Deep	83.12	24.65
16134-0070 EA 1/2", 1 Gang, Type FDCT, Cast Box, 1-5/8" To 2-1/2" Deep	70.52	21.14
16134-0071 EA 3/4", 1 Gang, Type FDCT, Cast Box, 1-5/8" To 2-1/2" Deep	81.91	24.65
16134-0072 EA 1", 1 Gang, Type FDCT, Cast Box, 1-5/8" To 2-1/2" Deep	95.39	28.17
16134-0073 EA 1/2", 1 Gang, Type FDT, Cast Box, 1-5/8" To 2-1/2" Deep	70.52	21.14
16134-0074 EA 3/4", 1 Gang, Type FDT, Cast Box, 1-5/8" To 2-1/2" Deep	83.29	24.65
16134-0075 EA 1", 1 Gang, Type FDT, Cast Box, 1-5/8" To 2-1/2" Deep	95.39	28.17
16134-0076 EA 1/2", 1 Gang, Type FDY, Cast Box, 1-5/8" To 2-1/2" Deep	82.27	24.65
16134-0077 EA 3/4", 1 Gang, Type FDY, Cast Box, 1-5/8" To 2-1/2" Deep	96.34	28.17
16134-0078 EA 1", 1 Gang, Type FDY, Cast Box, 1-5/8" To 2-1/2" Deep	108.11	31.70
16134-0079 Less Than 1-5/8" Deep Two Gang Cast Boxes (16134-0023)		
16134-0080 EA 1/2", 2 Gang, Type FS, Cast Box, Up To 1-5/8" Deep	52.19	10.57
16134-0081 EA 3/4", 2 Gang, Type FS, Cast Box, Up To 1-5/8" Deep	56.59	12.33
16134-0082 EA 1", 2 Gang, Type FS, Cast Box, Up To 1-5/8" Deep	63.06	14.09
16134-0083 EA 1/2", 2 Gang, Type FSC, Cast Box, Up To 1-5/8" Deep	62.42	14.09
16134-0084 EA 3/4", 2 Gang, Type FSC, Cast Box, Up To 1-5/8" Deep	68.07	15.85
16134-0085 EA 1", 2 Gang, Type FSC, Cast Box, Up To 1-5/8" Deep	79.65	19.37
16134-0086 EA 3/4", 2 Gang, Type FSS, Cast Box, Up To 1-5/8" Deep	67.57	15.85
16134-0087 EA 3/4", 2 Gang, Type FSD, Cast Box, Up To 1-5/8" Deep	71.68	15.85
16134-0088 EA 1/2", 2 Gang, Type FS, Tandem, Cast Box, Up To 1-5/8" Deep	68.15	14.09
16134-0089 EA 3/4", 2 Gang, Type FS, Tandem, Cast Box, Up To 1-5/8" Deep	73.38	15.85
16134-0090 EA 1/2", 2 Gang, Type FSC, Tandem, Cast Box, Up To 1-5/8" Deep	77.06	17.62
16134-0091 EA 3/4", 2 Gang, Type FSC, Tandem, Cast Box, Up To 1-5/8" Deep	90.50	22.89
16134-0092 EA 3/4", 3 Gang, Type FS, Cast Box, Up To 1-5/8" Deep	72.16	11.97
16134-0093 EA 1", 3 Gang, Type FS, Cast Box, Up To 1-5/8" Deep	81.33	14.09
16134-0094 1-5/8" To 2-1/2" Deep Two Gang Cast Boxes (16134-0023)		
16134-0095 EA 1/2", 2 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	58.87	10.57
16134-0096 EA 3/4", 2 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	61.77	12.33
16134-0097 EA 1", 2 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	68.15	14.09
16134-0098 EA 1/2", 2 Gang, Type FDC, Cast Box, 1-5/8" To 2-1/2" Deep	60.80	10.57
16134-0099 EA 3/4", 2 Gang, Type FDC, Cast Box, 1-5/8" To 2-1/2" Deep	63.89	12.33
16134-0100 EA 1", 2 Gang, Type FDC, Cast Box, 1-5/8" To 2-1/2" Deep	78.33	14.09
16134-0101 EA 3/4", 2 Gang, Type FDS, Cast Box, 1-5/8" To 2-1/2" Deep	75.48	15.85
16134-0102 EA 3/4", 3 Gang, Type FD, Cast Box, 1-5/8" To 2-1/2" Deep	114.04	24.65
16134-0103 Cast Weatherproof Covers (16134-0023)		
16134-0104 EA Blank Cover - Stamped, 1 Gang	2.08	
16134-0105 EA Blank Cover - Cast, 1 Gang	6.77	
16134-0106 EA Toggle Switch - Stamped, 1 Gang	2.62	
16134-0107 EA Toggle Switch, Guarded - Cast, 1 Gang	5.20	
16134-0108 EA Single Receptacle - Stamped, 1 Gang	2.62	
16134-0109 EA Single Receptacle With Hinge Lid - Stamped, 1 Gang	9.76	
16134-0110 EA Single Receptacle With Hinge Lid - Cast, 1 Gang	19.62	
16134-0111 EA Duplex Receptacle - Stamped, 1 Gang	2.62	
16134-0112 EA Duplex Receptacle With Hinge Lid - Cast, 1 Gang	20.92	
16134-0113 EA Weatherproof Receptacle With Screw Cover, With 15 A 125 V Ground Receptacle, 1 Gang	43.20	
16134-0114 EA 3 Despaired Devices - Stamped, 1 Gang	4.62	
16134-0115 EA Pilot Light With Jewel - Stamped, 1 Gang	17.18	
16134-0116 EA Pilot Light With Jewel - Cast, 1 Gang	18.25	
16134-0117 EA Weatherproof Toggle Switch, Rod Operated, 1 Gang	23.39	
16134-0118 EA Toggle Switch - Rocker Type, 1 Gang	23.39	
16134-0119 EA Blank Cover - Stamped, 2 Gang	3.08	
16134-0120 EA Blank Cover - Cast, 2 Gang	9.31	
16134-0121 EA Toggle Switch - Stamped, 2 Gang	4.32	
16134-0122 EA Toggle Switch - Cast, 2 Gang	9.56	
16134-0123 EA Toggle Switch And Duplex Receptacle - Stamped, 2 Gang	7.05	
16134-0124 EA Toggle Switch And Single Receptacle - Stamped, 2 Gang	7.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16134-0125	EA Two Duplex Receptacles - Stamped, 2 Gang.....	4.15	
16134-0126	EA Weatherproof Toggle Switch - Rod Operated, 2 Gang.....	41.73	
16134-0127	EA Toggle Switch - Rocker Type, 2 Gang.....	42.81	
16134-0128	EA Blank Cover - Stamped, 3 Gang.....	5.25	
16134-0129	EA Weatherproof Toggle Switch - Rod Operated, 3 Gang.....	58.99	
16134-0130	EA Toggle Switch - Stamped, 4 Gang.....	8.04	
16134-0131	Cast Outlet Floor Boxes <small>(16134-0023)</small>		
16134-0132	EA Floor Box, Embedded, Single Gang Cast Outlet Boxes.....	196.51	42.27
16134-0133	EA Floor Box, Two Gang, Embedded Cast Outlet Boxes.....	325.57	49.31
16134-0134	EA Floor Box, Multi Use, Embedded Cast Outlet Boxes.....	416.56	56.36
16134-0135	Box Extensions <small>(16134)</small>		
16134-0136	Extension Rings <small>(16134-0135)</small>		
	Note: For single gang boxes		
16134-0137	EA 1-1/2" Box Extension Ring.....	11.71	5.29
16134-0138	EA 1-7/8" Box Extension Ring.....	13.11	6.00
16134-0139	Concrete Rings <small>(16134-0135)</small>		
16134-0140	4" Octagonal Concrete Rings With Plates <small>(16134-0139)</small>		
	Note: To be placed in concrete slabs or walls		
16134-0141	EA 4" Octagonal Concrete Rings x 2" Depth, Outlet Box With Plates.....	43.00	18.32
16134-0142	EA 4" Octagonal Concrete Rings x 2-1/2" Depth, Outlet Box With Plates.....	45.62	19.58
16134-0143	EA 4" Octagonal Concrete Rings x 3" Depth, Outlet Box With Plates.....	48.80	21.00
16134-0144	EA 4" Octagonal Concrete Rings x 3-1/2" Depth, Outlet Box With Plates.....	54.60	22.61
16134-0145	EA 4" Octagonal Concrete Rings x 4" Depth, Outlet Box With Plates.....	61.15	24.44
16134-0146	EA 4" Octagonal Concrete Rings x 5" Depth, Outlet Box With Plates.....	67.35	26.70
16134-0147	EA 4" Octagonal Concrete Rings x 6" Depth, Outlet Box With Plates.....	69.90	29.38
16134-0148	Tile Rings <small>(16134-0135)</small>		
16134-0149	EA 3/4", 4" Square Cut Tile Ring, 1 Gang, Flush Mount.....	8.80	1.76
16134-0150	EA 1", 4" Square Cut Tile Ring, 1 Gang, Flush Mount.....	8.80	1.76
16134-0151	EA 1-1/4", 4" Square Cut Tile Ring, 1 Gang, Flush Mount.....	9.14	1.76
16134-0152	EA 1-1/2", 4" Square Cut Tile Ring, 1 Gang, Flush Mount.....	9.14	1.76
16134-0153	EA 3/4", 4" Square Cut Tile Ring, 2 Gang, Flush Mount.....	10.54	2.12
16134-0154	EA 1", 4" Square Cut Tile Ring, 2 Gang, Flush Mount.....	10.54	2.12
16134-0155	EA 1-1/4", 4" Square Cut Tile Ring, 2 Gang, Flush Mount.....	11.24	2.82
16134-0156	EA 1-1/2", 4" Square Cut Tile Ring, 2 Gang, Flush Mount.....	11.24	2.82
16134-0157	EA 3/4", 4-11/16" Square Cut Tile Ring, 1 Gang, Flush Mount.....	8.97	1.76
16134-0158	EA 1", 4-11/16" Square Cut Tile Ring, 1 Gang, Flush Mount.....	8.97	1.76
16134-0159	EA 1-1/4", 4-11/16" Square Cut Tile Ring, 1 Gang, Flush Mount.....	9.35	1.76
16134-0160	EA 1-1/2", 4-11/16" Square Cut Tile Ring, 1 Gang, Flush Mount.....	9.35	1.76
16134-0161	EA 3/4", 4-11/16" Square Cut Tile Ring, 2 Gang, Flush Mount.....	10.75	2.12
16134-0162	EA 1", 4-11/16" Square Cut Tile Ring, 2 Gang, Flush Mount.....	10.75	2.12
16134-0163	EA 1-1/4", 4-11/16" Square Cut Tile Ring, 2 Gang, Flush Mount.....	11.52	2.82
16134-0164	EA 1-1/2", 4-11/16" Square Cut Tile Ring, 2 Gang, Flush Mount.....	11.52	2.82
16134-0165	Plaster Rings <small>(16134-0135)</small>		
16134-0166	EA 3/4" x 4" Round Plaster Ring.....	7.94	1.75
16134-0167	EA 1" x 4" Round Plaster Ring.....	8.13	1.75
16134-0168	Outlet Boxes <small>(16134)</small>		
	Note: Boxes with blank cover plates used for termination and/or splicing		
16134-0169	4" Square Box With Cover <small>(16134-0168)</small>		
16134-0170	EA 4" Square Box x 1-1/2" Depth, With Cover, Concealed Outlet Boxes.....	23.78	11.27
16134-0171	EA 4" Square Box x 2-1/8" Depth, With Cover, Concealed Outlet Boxes.....	28.59	12.68
16134-0172	EA 4" Square Box x 1-1/2" Depth, With Cover, Concealed Outlet Box With 1 Gang Plate.....	24.22	11.27
16134-0173	EA 4" Square Box x 1-1/2" Depth, With Cover, Concealed Outlet Box With 2 Gang Plate.....	24.50	11.27
16134-0174	EA 4" Square Box x 2-1/8" Depth, With Cover, Concealed Outlet Box With 1 Gang Plate.....	27.84	12.68
16134-0175	EA 4" Square Box x 2-1/8" Depth, With Cover, Concealed Outlet Box With 2 Gang Plate.....	28.12	12.68
16134-0176	EA 4-11/16" Junction Box, Plaster Ring And Cover Plate (Computer).....	33.46	14.09
16134-0177	4-1/2" Solid Gang Box With Cover <small>(16134-0168)</small>		
	Note: 3/4" Knock out		
16134-0178	EA 1 Gang 4-1/2" x 1-5/8" Box, Concealed With Cover, 3/4" Knock Out, Solid Outlet Box.....	30.66	14.65
16134-0179	EA 2 Gang 4-1/2" x 1-5/8" Box, Concealed With Cover, 3/4" Knock Out, Solid Outlet Box.....	38.77	16.34
16134-0180	EA 4 Gang 4-1/2" x 1-5/8" Box, Concealed With Cover, 3/4" Knock Out, Solid Outlet Box.....	75.73	30.92
16134-0181	EA 6 Gang 4-1/2" x 1-5/8" Box, Concealed With Cover, 3/4" Knock Out, Solid Outlet Box.....	117.13	48.89
16134-0182	EA 9 Gang 4-1/2" x 1-5/8" Box, Concealed With Cover, 3/4" Knock Out, Solid Outlet Box.....	172.06	73.40
16134-0183	EA 1 Gang, Weatherproof, 4-1/2" x 2-5/8" Box, Concealed With Cover, 3/4" Knock Out, Solid Outlet Box.....	50.95	17.26
16134-0184	EA Floor Box With Receptacle Plate; Hubbell SS-309-D, SC-3090.....	130.62	44.11



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16134-0185 Raised Surface Square Covers, 1/2" Deep (16134-0188)

16134-0186	EA	4-11/16" One Toggle Switch Cover.....	10.05	3.52
16134-0187	EA	4-11/16" Two Toggle Switch Cover.....	10.05	3.52
16134-0188	EA	4-11/16" One Duplex Flush Receptacle Cover.....	10.06	3.52
16134-0189	EA	4-11/16" Two Duplex Flush Receptacle Cover.....	10.05	3.52
16134-0190	EA	4-11/16" One Toggle Switch, One Duplex Flush Cover.....	10.06	3.52
16134-0191	EA	4-11/16" One Single Flush Receptacle 1-13/32" Cover.....	10.06	3.52
16134-0192	EA	4-11/16" 30 A Twist Lock Receptacle 1-3/4" Depth Cover.....	10.12	3.52
16134-0193	EA	4-11/16" 20 A Flush Receptacle 1-19/32" Depth Cover.....	10.12	3.52
16134-0194	EA	4-11/16" 30-50-60 A Flush Receptacle 2-1/2" Depth Cover.....	10.12	3.52
16134-0195	EA	4-11/16" 30-50 A Single Receptacle 2-5/32" Depth Cover.....	10.12	3.52
16134-0196	EA	4-11/16" Blank Cover.....	10.11	3.52
16134-0197	EA	4" Blank Cover.....	8.45	3.52
16134-0198	EA	4" One Toggle Switch Cover.....	8.15	3.52
16134-0199	EA	4" Two Toggle Switch Cover.....	8.19	3.52
16134-0200	EA	4" One Duplex Flush Receptacle Cover.....	8.10	3.52
16134-0201	EA	4" Two Duplex Flush Receptacle Cover.....	8.21	3.52
16134-0202	EA	4" One Toggle Switch, One Duplex Flush Cover.....	8.21	3.52
16134-0203	EA	4" One Toggle Switch, One Single Flush Receptacle 1-13/32" Depth Cover.....	8.29	3.52
16134-0204	EA	4" One Single Flush Receptacle 1-13/32" Depth Cover.....	8.22	3.52
16134-0205	EA	4" Two Single Flush Receptacle 1-13/32" Depth Cover.....	8.45	3.52
16134-0206	EA	4" 20 A Twist Lock Receptacle 1-19/32" Depth Cover.....	8.43	3.52
16134-0207	EA	4" 30-50 A Single Receptacle 2-9/64" Depth Cover.....	8.43	3.52
16134-0208	EA	4" One Single Flush Receptacle 2-1/2" Depth Cover.....	8.50	3.52

16134-0209 Poke Thru Units (16134-0168)

Note: Excludes concrete drilling. See CSI section 16775-0022 for jacks.

16134-0210	EA	Single 20 Amp Duplex Receptacle RC3 Power And Communications Poke Thru Unit.....	345.71	26.42
		Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.		
16134-0211	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements.....	220.63	
		Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.		
16134-0212	EA	Replacement 20 Amp Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit.....	29.43	7.05
		Note: Wiremold RC37REC.		
16134-0213	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit.....	36.87	3.52
		Note: Wiremold RC3APTCBK.		
16134-0214	EA	Four 20 Amp Receptacles RC4 Power And Communications Poke Thru Unit.....	391.43	28.17
		Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.		
16134-0215	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements.....	206.28	
		Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.		
16134-0216	EA	Replacement Two 20 Amp Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit.....	50.85	10.57
		Note: Wiremold RC4REC2.		
16134-0217	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit.....	36.87	3.52
		Note: Wiremold RC4APTCBK.		
16134-0218	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit.....	108.27	7.05
		Note: Wiremold ABPLUG4.		
16134-0219	EA	Four Jack RC9AMD Communications Poke Thru Unit.....	309.12	24.65
		Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.		
16134-0220	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit.....	25.34	3.52
		Note: Wiremold RC9APTCBK.		
16134-0221	EA	Eight Jack AMD8 Communications Poke Thru Unit.....	307.67	24.65
		Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.		
16134-0222	EA	Communication Conduit Adapter For Poke Thru Units.....	35.60	3.52
		Note: Includes two conduit connections for communication systems. Wiremold COM75.		

16134-0223 Junction And Pull Boxes (16134)

See CSI section 16135-0000 for galvanized pull/junction boxes with screw covers.

16134-0224 Cast Iron Pull Boxes With Cover (16134-0223)

Note: For underground use.

16134-0225	EA	6" x 6" x 6" Cast Iron Pull Box With Cover.....	92.00	35.22
16134-0226	EA	8" x 6" x 6" Cast Iron Pull Box With Cover.....	118.84	43.89
16134-0227	EA	8" x 8" x 6" Cast Iron Pull Box With Cover.....	133.22	46.91
16134-0228	EA	10" x 8" x 6" Cast Iron Pull Box With Cover.....	159.40	56.36
16134-0229	EA	10" x 10" x 6" Cast Iron Pull Box With Cover.....	176.88	63.40
16134-0230	EA	12" x 10" x 6" Cast Iron Pull Box With Cover.....	206.31	65.51
16134-0231	EA	12" x 12" x 6" Cast Iron Pull Box With Cover.....	217.40	70.45
16134-0232	EA	16" x 12" x 6" Cast Iron Pull Box With Cover.....	277.94	76.78
16134-0233	EA	16" x 16" x 6" Cast Iron Pull Box With Cover.....	356.63	85.95
16134-0234	EA	20" x 20" x 6" Cast Iron Pull Box With Cover.....	523.26	92.63



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16134-0235	EA	24" x 18" x 8" Cast Iron Pull Box With Cover	505.00	98.62
16134-0236	EA	24" x 24" x 10" Cast Iron Pull Box With Cover	843.26	105.67
16134-0237	EA	12" x 12" x 12" Cast Iron Pull Box With Cover	358.01	93.91
16134-0238	EA	12" x 18" x 12" Cast Iron Pull Box With Cover	476.84	97.92
16134-0239	EA	18" x 18" x 12" Cast Iron Pull Box With Cover	654.26	102.15
16134-0240	EA	24" x 24" x 12" Cast Iron Pull Box With Cover	962.60	110.25
16134-0241	EA	36" x 36" x 12" Cast Iron Pull Box With Cover	1,844.48	116.24

16134-0242 Walker Box Blanking Plate Or Equal (16134)

16134-0243	EA	Brass Carpet Plate With Plug Insert, 3 Part..... Note: Includes demolition of floor outlet entirely to receive 3-part blanking plate assembly.	30.89	10.57
16134-0244	EA	Stainless Steel Plate With Plug Insert, 3 Part..... Note: Includes demolition of floor outlet entirely to receive 3-part blanking plate assembly.	43.34	10.57
16134-0245	EA	Brass Carpet Plate With Plug Insert, 3 Part.....	16.80	3.52
16134-0246	EA	Stainless Steel Plate With Plug Insert, 3 Part.....	29.25	3.52
16134-0247	EA	Remove And Relocate Carpet Plate With Insert, Including Storage And Cleaning.....	10.57	5.28

16135 Enclosures (16100)

Note: Can be used as enclosure or pull/junction boxes. See CSI section 16140-0000 for outlet boxes, 16411-0001 for manholes and handholes in the ground, 16990-0000 for consoles and free standing control cabinets.

16135-0001 NEMA Type 1 Enclosures (16135)

Note: Standard enclosures

16135-0002 NEMA 1 Hinged Cover Enclosure, Galvanized Steel (16135-0001)

16135-0003 4" Depth (16135-0002)

16135-0004	EA	6" x 4" x 4" NEMA 1 Enclosure With Hinged Cover	45.62	14.09
16135-0005	EA	6" x 6" x 4" NEMA 1 Enclosure With Hinged Cover	51.24	15.50
16135-0006	EA	8" x 6" x 4" NEMA 1 Enclosure With Hinged Cover	56.93	16.90
16135-0007	EA	8" x 8" x 4" NEMA 1 Enclosure With Hinged Cover	66.46	19.72
16135-0008	EA	10" x 8" x 4" NEMA 1 Enclosure With Hinged Cover	72.50	21.14
16135-0009	EA	10" x 10" x 4" NEMA 1 Enclosure With Hinged Cover	78.99	22.54
16135-0010	EA	12" x 8" x 4" NEMA 1 Enclosure With Hinged Cover	78.75	22.54
16135-0011	EA	12" x 10" x 4" NEMA 1 Enclosure With Hinged Cover	85.41	23.95
16135-0012	EA	12" x 12" x 4" NEMA 1 Enclosure With Hinged Cover	92.42	25.36
16135-0013	EA	16" x 12" x 4" NEMA 1 Enclosure With Hinged Cover	119.60	33.81
16135-0014	EA	18" x 12" x 4" NEMA 1 Enclosure With Hinged Cover	137.70	39.45

16135-0015 6" Depth (16135-0002)

16135-0016	EA	6" x 6" x 6" NEMA 1 Enclosure With Hinged Cover	57.40	16.90
16135-0017	EA	8" x 8" x 6" NEMA 1 Enclosure With Hinged Cover	69.90	19.72
16135-0018	EA	10" x 8" x 6" NEMA 1 Enclosure With Hinged Cover	83.33	23.95
16135-0019	EA	10" x 10" x 6" NEMA 1 Enclosure With Hinged Cover	90.17	25.36
16135-0020	EA	12" x 10" x 6" NEMA 1 Enclosure With Hinged Cover	97.17	26.77
16135-0021	EA	12" x 12" x 6" NEMA 1 Enclosure With Hinged Cover	104.48	28.17
16135-0022	EA	16" x 12" x 6" NEMA 1 Enclosure With Hinged Cover	132.44	36.64
16135-0023	EA	16" x 16" x 6" NEMA 1 Enclosure With Hinged Cover	160.39	45.09
16135-0024	EA	18" x 12" x 6" NEMA 1 Enclosure With Hinged Cover	154.61	43.68
16135-0025	EA	18" x 18" x 6" NEMA 1 Enclosure With Hinged Cover	201.50	56.36
16135-0026	EA	24" x 18" x 6" NEMA 1 Enclosure With Hinged Cover	260.69	64.81
16135-0027	EA	24" x 24" x 6" NEMA 1 Enclosure With Hinged Cover	298.87	70.45
16135-0028	EA	30" x 24" x 6" NEMA 1 Enclosure With Hinged Cover	333.75	74.68
16135-0029	EA	36" x 24" x 6" NEMA 1 Enclosure With Hinged Cover	365.11	77.49

16135-0030 NEMA 1 Screw Cover Enclosure, Galvanized Steel (16135-0001)

16135-0031 3" Depth (16135-0030)

16135-0032	EA	4" x 4" x 3" NEMA 1 Enclosure With Screw Cover.....	33.10	9.87
16135-0033	EA	6" x 6" x 3" NEMA 1 Enclosure With Screw Cover.....	47.31	14.09
16135-0034	EA	8" x 6" x 3" NEMA 1 Enclosure With Screw Cover.....	52.98	15.50

16135-0035 4" Depth (16135-0030)

16135-0036	EA	4" x 4" x 4" NEMA 1 Enclosure With Screw Cover.....	36.77	11.27
16135-0037	EA	6" x 4" x 4" NEMA 1 Enclosure With Screw Cover.....	45.48	14.09
16135-0038	EA	6" x 6" x 4" NEMA 1 Enclosure With Screw Cover.....	51.03	15.50
16135-0039	EA	8" x 6" x 4" NEMA 1 Enclosure With Screw Cover.....	56.71	16.90
16135-0040	EA	8" x 8" x 4" NEMA 1 Enclosure With Screw Cover.....	66.16	19.72
16135-0041	EA	10" x 8" x 4" NEMA 1 Enclosure With Screw Cover.....	72.17	21.14
16135-0042	EA	10" x 10" x 4" NEMA 1 Enclosure With Screw Cover.....	78.54	22.54
16135-0043	EA	12" x 8" x 4" NEMA 1 Enclosure With Screw Cover.....	78.25	22.54
16135-0044	EA	12" x 10" x 4" NEMA 1 Enclosure With Screw Cover.....	84.96	23.95
16135-0045	EA	12" x 12" x 4" NEMA 1 Enclosure With Screw Cover.....	91.90	25.36
16135-0046	EA	16" x 12" x 4" NEMA 1 Enclosure With Screw Cover.....	119.60	33.81
16135-0047	EA	18" x 12" x 4" NEMA 1 Enclosure With Screw Cover.....	136.98	39.45
16135-0048	EA	18" x 18" x 4" NEMA 1 Enclosure With Screw Cover.....	177.79	50.72
16135-0049	EA	24" x 24" x 4" NEMA 1 Enclosure With Screw Cover.....	266.01	63.40



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16135-0050			6" Depth (16135-0030)		
16135-0051	EA		6" x 6" x 6" NEMA 1 Enclosure With Screw Cover.....	57.11	16.90
16135-0052	EA		8" x 6" x 6" NEMA 1 Enclosure With Screw Cover.....	63.32	18.32
16135-0053	EA		8" x 8" x 6" NEMA 1 Enclosure With Screw Cover.....	72.96	21.14
16135-0054	EA		10" x 8" x 6" NEMA 1 Enclosure With Screw Cover.....	82.87	23.95
16135-0055	EA		10" x 10" x 6" NEMA 1 Enclosure With Screw Cover.....	89.69	25.36
16135-0056	EA		12" x 10" x 6" NEMA 1 Enclosure With Screw Cover.....	96.61	26.77
16135-0057	EA		12" x 12" x 6" NEMA 1 Enclosure With Screw Cover.....	103.85	28.17
16135-0058	EA		16" x 12" x 6" NEMA 1 Enclosure With Screw Cover.....	132.44	36.64
16135-0059	EA		16" x 16" x 6" NEMA 1 Enclosure With Screw Cover.....	162.66	45.09
16135-0060	EA		18" x 12" x 6" NEMA 1 Enclosure With Screw Cover.....	153.80	43.68
16135-0061	EA		18" x 18" x 6" NEMA 1 Enclosure With Screw Cover.....	200.39	56.36
16135-0062	EA		24" x 18" x 6" NEMA 1 Enclosure With Screw Cover.....	255.56	64.81
16135-0063	EA		24" x 24" x 6" NEMA 1 Enclosure With Screw Cover.....	296.52	70.45
16135-0064	EA		30" x 24" x 6" NEMA 1 Enclosure With Screw Cover.....	321.46	74.68
16135-0065	EA		36" x 24" x 6" NEMA 1 Enclosure With Screw Cover.....	355.60	77.49
16135-0066			8" Depth (16135-0030)		
16135-0067	EA		8" x 8" x 8" NEMA 1 Enclosure With Screw Cover.....	82.87	23.95
16135-0068	EA		12" x 12" x 8" NEMA 1 Enclosure With Screw Cover.....	114.64	30.99
16135-0069	EA		16" x 12" x 8" NEMA 1 Enclosure With Screw Cover.....	145.69	39.45
16135-0070	EA		18" x 12" x 8" NEMA 1 Enclosure With Screw Cover.....	171.79	47.91
16135-0071	EA		24" x 12" x 8" NEMA 1 Enclosure With Screw Cover.....	235.95	67.63
16135-0072	EA		24" x 18" x 8" NEMA 1 Enclosure With Screw Cover.....	279.92	71.86
16135-0073	EA		24" x 24" x 8" NEMA 1 Enclosure With Screw Cover.....	327.16	77.49
16135-0074	EA		30" x 24" x 8" NEMA 1 Enclosure With Screw Cover.....	348.80	81.72
16135-0075	EA		30" x 30" x 8" NEMA 1 Enclosure With Screw Cover.....	367.70	84.53
16135-0076	EA		36" x 24" x 8" NEMA 1 Enclosure With Screw Cover.....	379.56	84.53
16135-0077			10" Depth (16135-0030)		
16135-0078	EA		18" x 12" x 10" NEMA 1 Enclosure With Screw Cover.....	195.74	53.54
16135-0079	EA		18" x 18" x 10" NEMA 1 Enclosure With Screw Cover.....	258.96	69.04
16135-0080	EA		24" x 12" x 10" NEMA 1 Enclosure With Screw Cover.....	258.93	73.26
16135-0081	EA		24" x 18" x 10" NEMA 1 Enclosure With Screw Cover.....	351.21	78.90
16135-0082	EA		24" x 24" x 10" NEMA 1 Enclosure With Screw Cover.....	407.47	87.35
16135-0083	EA		30" x 24" x 10" NEMA 1 Enclosure With Screw Cover.....	458.60	90.17
16135-0084	EA		36" x 24" x 10" NEMA 1 Enclosure With Screw Cover.....	490.91	94.40
16135-0085			12" Depth (16135-0030)		
16135-0086	EA		18" x 18" x 12" NEMA 1 Enclosure With Screw Cover.....	286.03	76.08
16135-0087	EA		24" x 12" x 12" NEMA 1 Enclosure With Screw Cover.....	280.59	80.31
16135-0088	EA		24" x 18" x 12" NEMA 1 Enclosure With Screw Cover.....	385.59	87.35
16135-0089	EA		24" x 24" x 12" NEMA 1 Enclosure With Screw Cover.....	444.34	95.80
16135-0090	EA		30" x 24" x 12" NEMA 1 Enclosure With Screw Cover.....	505.68	100.03
16135-0091	EA		36" x 24" x 12" NEMA 1 Enclosure With Screw Cover.....	534.54	104.26
16135-0092			NEMA Type 12/13 Enclosures (16135)		
			Note: Dust-tight enclosures		
16135-0093			NEMA 12 Hinged Cover Enclosure, Galvanized Steel (16135-0092)		
16135-0094			4" Depth (16135-0093)		
16135-0095	EA		4" x 4" x 4" NEMA 12 Enclosure With Hinged Cover.....	67.49	11.27
16135-0096	EA		6" x 6" x 4" NEMA 12 Enclosure With Hinged Cover.....	87.64	15.50
16135-0097	EA		8" x 8" x 4" NEMA 12 Enclosure With Hinged Cover.....	108.27	19.72
16135-0098	EA		10" x 8" x 4" NEMA 12 Enclosure With Hinged Cover.....	117.29	21.14
16135-0099	EA		12" x 6" x 4" NEMA 12 Enclosure With Hinged Cover.....	132.02	22.54
16135-0100	EA		12" x 10" x 4" NEMA 12 Enclosure With Hinged Cover.....	142.31	23.95
16135-0101			6" Depth (16135-0093)		
16135-0102	EA		6" x 6" x 6" NEMA 12 Enclosure With Hinged Cover.....	97.40	16.90
16135-0103	EA		8" x 6" x 6" NEMA 12 Enclosure With Hinged Cover.....	107.40	18.32
16135-0104			NEMA 12 Screw Cover Enclosure, Galvanized Steel (16135-0092)		
16135-0105			4" Depth (16135-0104)		
16135-0106	EA		4" x 4" x 4" NEMA 12 Enclosure With Screw Cover.....	72.24	11.27
16135-0107	EA		6" x 6" x 4" NEMA 12 Enclosure With Screw Cover.....	89.39	15.50
16135-0108	EA		8" x 6" x 4" NEMA 12 Enclosure With Screw Cover.....	100.24	16.90
16135-0109	EA		8" x 8" x 4" NEMA 12 Enclosure With Screw Cover.....	115.20	19.72
16135-0110	EA		10" x 8" x 4" NEMA 12 Enclosure With Screw Cover.....	119.66	21.14
16135-0111	EA		10" x 10" x 4" NEMA 12 Enclosure With Screw Cover.....	137.99	22.54
16135-0112	EA		12" x 10" x 4" NEMA 12 Enclosure With Screw Cover.....	147.82	23.95



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16135-0113	EA	12" x 12" x 4" NEMA 12 Enclosure With Screw Cover.....	165.59	25.36
16135-0114		6" Depth <small>(16135-0104)</small>		
16135-0115	EA	6" x 6" x 6" NEMA 12 Enclosure With Screw Cover.....	106.14	16.90
16135-0116	EA	8" x 6" x 6" NEMA 12 Enclosure With Screw Cover.....	118.88	18.32
16135-0117	EA	8" x 8" x 6" NEMA 12 Enclosure With Screw Cover.....	131.20	21.14
16135-0118	EA	10" x 10" x 6" NEMA 12 Enclosure With Screw Cover.....	155.67	25.36
16135-0119	EA	12" x 12" x 6" NEMA 12 Enclosure With Screw Cover.....	169.94	28.17
16135-0120	EA	16" x 14" x 6" NEMA 12 Enclosure With Screw Cover.....	232.55	36.64
16135-0121	EA	18" x 18" x 6" NEMA 12 Enclosure With Screw Cover.....	359.80	56.36
16135-0122	EA	24" x 16" x 6" NEMA 12 Enclosure With Screw Cover.....	458.89	64.81
16135-0123	EA	24" x 24" x 6" NEMA 12 Enclosure With Screw Cover.....	513.76	70.45
16135-0124		8" Depth <small>(16135-0104)</small>		
16135-0125	EA	24" x 18" x 8" NEMA 12 Enclosure With Screw Cover.....	484.37	71.86
16135-0126	EA	24" x 24" x 8" NEMA 12 Enclosure With Screw Cover.....	550.90	77.49
16135-0127	EA	30" x 24" x 8" NEMA 12 Enclosure With Screw Cover.....	600.79	81.72
16135-0128	EA	30" x 30" x 8" NEMA 12 Enclosure With Screw Cover.....	654.75	84.53
16135-0129	EA	36" x 24" x 8" NEMA 12 Enclosure With Screw Cover.....	647.34	84.53
16135-0130		NEMA Type 3R Enclosures <small>(16135)</small>		
		Note: Rain-tight enclosures		
16135-0131		NEMA 3R Hinged Cover Enclosure, Galvanized Steel <small>(16135-0130)</small>		
16135-0132		6" Depth <small>(16135-0131)</small>		
16135-0133	EA	12" x 10" x 6" NEMA 3R Enclosure With Hinged Cover.....	145.91	26.77
16135-0134	EA	12" x 12" x 6" NEMA 3R Enclosure With Hinged Cover.....	157.47	28.17
16135-0135	EA	16" x 12" x 6" NEMA 3R Enclosure With Hinged Cover.....	205.00	36.64
16135-0136	EA	16" x 16" x 6" NEMA 3R Enclosure With Hinged Cover.....	245.58	45.09
16135-0137	EA	18" x 18" x 6" NEMA 3R Enclosure With Hinged Cover.....	282.17	56.36
16135-0138		8" Depth <small>(16135-0131)</small>		
16135-0139	EA	24" x 20" x 8" NEMA 3R Enclosure With Hinged Cover.....	423.84	71.86
16135-0140	EA	24" x 24" x 8" NEMA 3R Enclosure With Hinged Cover.....	469.32	77.49
16135-0141	EA	30" x 24" x 8" NEMA 3R Enclosure With Hinged Cover.....	526.41	81.72
16135-0142	EA	30" x 30" x 8" NEMA 3R Enclosure With Hinged Cover.....	553.19	84.53
16135-0143		10" Depth <small>(16135-0131)</small>		
16135-0144	EA	12" x 48" x 10" NEMA 3R Enclosure With Hinged Cover.....	524.96	87.35
16135-0145	EA	12" x 54" x 10" NEMA 3R Enclosure With Hinged Cover.....	592.99	98.62
16135-0146	EA	12" x 60" x 10" NEMA 3R Enclosure With Hinged Cover.....	656.55	109.19
16135-0147	EA	12" x 66" x 10" NEMA 3R Enclosure With Hinged Cover.....	723.17	120.47
16135-0148	EA	12" x 72" x 10" NEMA 3R Enclosure With Hinged Cover.....	787.43	131.02
16135-0149	EA	18" x 18" x 10" NEMA 3R Enclosure With Hinged Cover.....	345.92	69.04
16135-0150	EA	24" x 24" x 10" NEMA 3R Enclosure With Hinged Cover.....	524.96	87.35
16135-0151	EA	30" x 24" x 10" NEMA 3R Enclosure With Hinged Cover.....	617.02	90.17
16135-0152	EA	36" x 36" x 10" NEMA 3R Enclosure With Hinged Cover.....	775.76	98.62
16135-0153		12" Depth <small>(16135-0131)</small>		
16135-0154	EA	12" x 48" x 12" NEMA 3R Enclosure With Hinged Cover.....	504.00	69.74
16135-0155	EA	12" x 54" x 12" NEMA 3R Enclosure With Hinged Cover.....	565.25	78.20
16135-0156	EA	12" x 60" x 12" NEMA 3R Enclosure With Hinged Cover.....	625.78	86.65
16135-0157	EA	12" x 66" x 12" NEMA 3R Enclosure With Hinged Cover.....	691.95	95.80
16135-0158	EA	12" x 72" x 12" NEMA 3R Enclosure With Hinged Cover.....	753.19	104.26
16135-0159	EA	18" x 24" x 12" NEMA 3R Enclosure With Hinged Cover.....	376.59	52.13
16135-0160	EA	18" x 32" x 12" NEMA 3R Enclosure With Hinged Cover.....	504.00	69.74
16135-0161	EA	18" x 36" x 12" NEMA 3R Enclosure With Hinged Cover.....	565.25	78.20
16135-0162	EA	18" x 42" x 12" NEMA 3R Enclosure With Hinged Cover.....	661.68	91.58
16135-0163	EA	18" x 48" x 12" NEMA 3R Enclosure With Hinged Cover.....	753.19	104.26
16135-0164	EA	30" x 30" x 12" NEMA 3R Enclosure With Hinged Cover.....	717.15	102.85
16135-0165	EA	36" x 24" x 12" NEMA 3R Enclosure With Hinged Cover.....	753.19	104.26
16135-0166	EA	36" x 30" x 12" NEMA 3R Enclosure With Hinged Cover.....	792.45	107.08
16135-0167	EA	36" x 36" x 12" NEMA 3R Enclosure With Hinged Cover.....	880.47	112.72
16135-0168	EA	42" x 30" x 12" NEMA 3R Enclosure With Hinged Cover.....	953.61	118.35
16135-0169		NEMA 3R Screw Cover Enclosure, Galvanized Steel <small>(16135-0130)</small>		
16135-0170		4" Depth <small>(16135-0169)</small>		
16135-0171	EA	4" x 4" x 4" NEMA 3R Enclosure With Screw Cover.....	44.05	11.27
16135-0172	EA	6" x 4" x 4" NEMA 3R Enclosure With Screw Cover.....	53.09	14.09
16135-0173	EA	6" x 6" x 4" NEMA 3R Enclosure With Screw Cover.....	58.64	15.50
16135-0174	EA	8" x 6" x 4" NEMA 3R Enclosure With Screw Cover.....	65.12	16.90
16135-0175	EA	8" x 8" x 4" NEMA 3R Enclosure With Screw Cover.....	75.59	19.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16135-0176 EA 10" x 8" x 4" NEMA 3R Enclosure With Screw Cover	82.52	21.14
16135-0177 EA 10" x 10" x 4" NEMA 3R Enclosure With Screw Cover	90.09	22.54
16135-0178 EA 12" x 8" x 4" NEMA 3R Enclosure With Screw Cover	89.66	22.54
16135-0179 EA 12" x 10" x 4" NEMA 3R Enclosure With Screw Cover	98.24	23.95
16135-0180 EA 12" x 12" x 4" NEMA 3R Enclosure With Screw Cover	105.81	25.36
16135-0181 EA 18" x 12" x 4" NEMA 3R Enclosure With Screw Cover	159.45	39.45
16135-0182 EA 18" x 18" x 4" NEMA 3R Enclosure With Screw Cover	213.37	50.72
16135-0183 6" Depth (16135-0169)		
16135-0184 EA 6" x 6" x 6" NEMA 3R Enclosure With Screw Cover	60.79	16.90
16135-0185 EA 8" x 8" x 6" NEMA 3R Enclosure With Screw Cover	83.69	21.14
16135-0186 EA 10" x 8" x 6" NEMA 3R Enclosure With Screw Cover	94.80	23.95
16135-0187 EA 10" x 10" x 6" NEMA 3R Enclosure With Screw Cover	102.97	25.36
16135-0188 EA 12" x 8" x 6" NEMA 3R Enclosure With Screw Cover	102.33	25.36
16135-0189 EA 12" x 10" x 6" NEMA 3R Enclosure With Screw Cover	111.03	26.77
16135-0190 EA 12" x 12" x 6" NEMA 3R Enclosure With Screw Cover	119.80	28.17
16135-0191 EA 16" x 12" x 6" NEMA 3R Enclosure With Screw Cover	156.41	36.64
16135-0192 EA 18" x 12" x 6" NEMA 3R Enclosure With Screw Cover	179.49	43.68
16135-0193 EA 18" x 18" x 6" NEMA 3R Enclosure With Screw Cover	240.23	56.36
16135-0194 EA 24" x 12" x 6" NEMA 3R Enclosure With Screw Cover	250.12	60.58
16135-0195 EA 24" x 18" x 6" NEMA 3R Enclosure With Screw Cover	287.57	64.81
16135-0196 EA 24" x 24" x 6" NEMA 3R Enclosure With Screw Cover	324.88	70.45
16135-0197 8" Depth (16135-0169)		
16135-0198 EA 12" x 12" x 8" NEMA 3R Enclosure With Screw Cover	134.30	30.99
16135-0199 EA 18" x 12" x 8" NEMA 3R Enclosure With Screw Cover	193.36	47.91
16135-0200 EA 18" x 18" x 8" NEMA 3R Enclosure With Screw Cover	265.93	61.99
16135-0201 EA 24" x 18" x 8" NEMA 3R Enclosure With Screw Cover	318.14	71.86
16135-0202 EA 24" x 24" x 8" NEMA 3R Enclosure With Screw Cover	361.41	77.49
16135-0203 EA 30" x 24" x 8" NEMA 3R Enclosure With Screw Cover	403.16	81.72
16135-0204 10" Depth (16135-0169)		
16135-0205 EA 18" x 18" x 10" NEMA 3R Enclosure With Screw Cover	293.13	69.04
16135-0206 EA 24" x 24" x 10" NEMA 3R Enclosure With Screw Cover	396.60	87.35
16135-0207 EA 30" x 24" x 10" NEMA 3R Enclosure With Screw Cover	437.26	90.17
16135-0208 12" Depth (16135-0169)		
16135-0209 EA 24" x 24" x 12" NEMA 3R Enclosure With Screw Cover	438.39	95.80
16135-0210 EA 30" x 30" x 12" NEMA 3R Enclosure With Screw Cover	621.72	104.26
16135-0211 EA 36" x 30" x 12" NEMA 3R Enclosure With Screw Cover	642.81	107.08
16135-0212 EA 36" x 36" x 12" NEMA 3R Enclosure With Screw Cover	756.57	112.72
16135-0213 NEMA Type 4 Or 4X Enclosures (16135)		
Note: Water-tight enclosures		
16135-0214 NEMA 4 Hinge Cover Enclosure, Steel (16135-0213)		
16135-0215 EA 12" x 10" x 5" NEMA 4 Steel Enclosure With Hinged Cover	179.68	25.36
16135-0216 EA 10" x 8" x 6" NEMA 4 Steel Enclosure With Hinged Cover	165.57	23.95
16135-0217 EA 12" x 12" x 6" NEMA 4 Steel Enclosure With Hinged Cover	192.82	28.17
16135-0218 EA 14" x 12" x 6" NEMA 4 Steel Enclosure With Hinged Cover	227.48	32.41
16135-0219 EA 16" x 14" x 6" NEMA 4 Steel Enclosure With Hinged Cover	274.49	40.86
16135-0220 NEMA 4X Clamp Cover Enclosure, 304 Stainless Steel (16135-0213)		
16135-0221 EA 10" x 8" x 4" NEMA 4X 304 Stainless Steel Enclosure With Clamp Cover	304.93	21.14
16MOD-0048 For 316L Stainless Steel, Add	68.06	
16135-0222 EA 12" x 10" x 6" NEMA 4X 304 Stainless Steel Enclosure With Clamp Cover	427.54	26.77
16MOD-0048 For 316L Stainless Steel, Add	97.36	
16135-0223 EA 14" x 12" x 6" NEMA 4X 304 Stainless Steel Enclosure With Clamp Cover	532.54	32.41
16MOD-0048 For 316L Stainless Steel, Add	121.91	
16135-0224 EA 16" x 14" x 6" NEMA 4X 304 Stainless Steel Enclosure With Clamp Cover	642.83	40.86
16MOD-0048 For 316L Stainless Steel, Add	145.98	
16135-0225 Breaker Enclosure (16135)		
See CSI section 16471-0000 for lighting and power panel boards.		
16135-0226 100A, 3-Pole Breaker Enclosure (16135-0225)		
16135-0227 EA NEMA 1, 100 A Breaker Enclosure	392.67	56.36
16135-0228 EA NEMA 3R, 100 A Breaker Enclosure	461.67	56.36
16135-0229 EA NEMA 4/4X, 100 A Breaker Enclosure	697.79	77.49
16135-0230 EA NEMA 7, 100 A Breaker Enclosure	827.54	84.53
16135-0231 EA NEMA 9, 100 A Breaker Enclosure	645.52	84.53
16135-0232 EA NEMA 12, 100 A Breaker Enclosure	459.91	77.49



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16135-0233		225A, 3-Pole Breaker Enclosure (16135-0225)		
16135-0234	EA	NEMA 1, 225 A Breaker Enclosure.....	766.14	77.49
16135-0235	EA	NEMA 3R, 225 A Breaker Enclosure.....	877.86	77.49
16135-0236	EA	NEMA 4/4X, 225 A Breaker Enclosure.....	1,374.87	98.62
16135-0237	EA	NEMA 7, 225 A Breaker Enclosure.....	1,655.03	119.76
16135-0238	EA	NEMA 9, 225 A Breaker Enclosure.....	1,308.68	98.62
16135-0239	EA	NEMA 12, 225 A Breaker Enclosure.....	868.86	98.62
16135-0240		400A, 3-Pole Breaker Enclosure (16135-0225)		
16135-0241	EA	NEMA 1, 400 A Breaker Enclosure.....	1,379.81	154.98
16135-0242	EA	NEMA 3R, 400 A Breaker Enclosure.....	1,670.33	154.98
16135-0243	EA	NEMA 4/4X, 400 A Breaker Enclosure.....	2,589.43	197.25
16135-0244	EA	NEMA 7, 400 A Breaker Enclosure.....	3,317.91	260.51
16135-0245	EA	NEMA 12, 400 A Breaker Enclosure.....	1,586.51	197.25
16135-0246		800A, 3-Pole Breaker Enclosure (16135-0225)		
16135-0247	EA	NEMA 1, 800 A Breaker Enclosure.....	2,868.17	295.87
16135-0248	EA	NEMA 3R, 800 A Breaker Enclosure.....	3,212.53	295.87
16135-0249	EA	NEMA 4/4X, 800 A Breaker Enclosure.....	5,048.05	380.41
16135-0250	EA	NEMA 7, 800 A Breaker Enclosure.....	6,019.38	402.11
16135-0251	EA	NEMA 12, 800 A Breaker Enclosure.....	3,273.72	380.41
16139		Cable Trays (16100)		
		Note: Excludes supporting hangers		
16139-0001		Ladder Bottom Galvanized Steel Cable Tray (16139)		
		Note: 4-5/8" Height		
16139-0002		Straight Cable Tray Sections (16139-0001)		
16139-0003		4" Rung Spacing Straight Steel Cable Tray Sections (16139-0002)		
16139-0004	LF	6" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	21.09	6.76
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.54	
16139-0005	LF	9" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	22.75	7.26
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.67	
16139-0006	LF	12" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	24.84	7.82
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.83	
16139-0007	LF	18" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	27.50	8.31
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.06	
16139-0008	LF	24" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	30.00	8.59
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.29	
16139-0009	LF	30" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	36.36	9.94
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.81	
16139-0010	LF	36" Steel Cable Tray, 4" Rung Spacing, Straight Section.....	40.88	11.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-3.15	
16139-0011		6" Rung Spacing Straight Steel Cable Tray Sections (16139-0002)		
16139-0012	LF	6" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	19.98	6.62
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.44	
16139-0013	LF	9" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	21.57	7.05
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.57	
16139-0014	LF	12" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	23.06	7.68
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.67	
16139-0015	LF	18" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	25.17	8.10
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.84	
16139-0016	LF	24" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	27.02	8.38
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.01	
16139-0017	LF	30" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	31.68	9.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.36	
16139-0018	LF	36" Steel Cable Tray, 6" Rung Spacing, Straight Section.....	34.64	10.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.58	
16139-0019		9" Rung Spacing Straight Steel Cable Tray Sections (16139-0002)		
16139-0020	LF	6" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	19.29	6.55
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.39	
16139-0021	LF	9" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	19.89	6.76
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.42	
16139-0022	LF	12" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	21.80	7.19
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.58	
16139-0023	LF	18" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	23.77	7.54
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.75	
16139-0024	LF	24" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	25.61	7.75
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.91	
16139-0025	LF	30" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	27.91	8.45
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.09	
16139-0026	LF	36" Steel Cable Tray, 9" Rung Spacing, Straight Section.....	30.02	9.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0027 12" Rung Spacing Straight Steel Cable Tray Sections (16139-0002)		
16139-0028 LF 6" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	18.70	6.27
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.35	
16139-0029 LF 9" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	19.08	6.41
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.37	
16139-0030 LF 12" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	20.20	6.76
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.46	
16139-0031 LF 18" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	21.38	7.12
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.55	
16139-0032 LF 24" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	22.16	7.12
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.62	
16139-0033 LF 30" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	24.42	7.68
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.80	
16139-0034 LF 36" Steel Cable Tray, 12" Rung Spacing, Straight Section.....	25.73	8.03
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.90	
16139-0035 18" Rung Spacing Straight Steel Cable Tray Sections (16139-0002)		
16139-0036 LF 6" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	18.43	6.13
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.33	
16139-0037 LF 9" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	18.76	6.27
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.35	
16139-0038 LF 12" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	19.87	6.62
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.44	
16139-0039 LF 18" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	20.85	6.91
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.51	
16139-0040 LF 24" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	21.17	6.98
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.54	
16139-0041 LF 30" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	22.52	7.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.63	
16139-0042 LF 36" Steel Cable Tray, 18" Rung Spacing, Straight Section.....	23.51	7.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.70	
16139-0043 4" Rung Tray Fittings (16139-0001)		
16139-0044 90 Degree, 12" Radius Horizontal Elbows (16139-0043)		
16139-0045 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	170.68	70.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.18	
16139-0046 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	191.29	80.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.42	
16139-0047 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	210.44	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.63	
16139-0048 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	262.44	109.05
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.16	
16139-0049 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	299.45	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.51	
16139-0050 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	354.18	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.68	
16139-0051 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	407.92	161.04
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.37	
16139-0052 90 Degree, 24" Radius Horizontal Elbows (16139-0043)		
16139-0053 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	231.74	73.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.05	
16139-0054 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	253.41	84.46
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.30	
16139-0055 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	273.38	93.91
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.51	
16139-0056 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	320.47	116.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.33	
16139-0057 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	360.82	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.81	
16139-0058 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	403.08	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.51	
16139-0059 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	471.33	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.31	
16139-0060 90 Degree, 36" Radius Horizontal Elbows (16139-0043)		
16139-0061 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	249.03	76.78
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.50	
16139-0062 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	275.88	88.90
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.18	
16139-0063 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	299.49	99.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.66	
16139-0064 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	361.65	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.73	
16139-0065 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	413.05	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.06	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0066	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray 483.51	483.51	169.07
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.26	
16139-0067	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray 551.27	551.27	198.65
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.58	
16139-0068	45 Degree, 12" Radius Horizontal Elbows (16139-0043)		
16139-0069	EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 126.51	126.51	51.21
	16MOD-0049 For 60 Degree Bend, Deduct	-22.12	
	16MOD-0050 For 30 Degree Bend, Deduct	-39.72	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.39	
16139-0070	EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 145.20	145.20	61.43
	16MOD-0049 For 60 Degree Bend, Deduct	-24.38	
	16MOD-0050 For 30 Degree Bend, Deduct	-44.04	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.40	
16139-0071	EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 161.96	161.96	70.45
	16MOD-0049 For 60 Degree Bend, Deduct	-26.44	
	16MOD-0050 For 30 Degree Bend, Deduct	-47.98	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.33	
16139-0072	EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 195.44	195.44	89.04
	16MOD-0049 For 60 Degree Bend, Deduct	-30.37	
	16MOD-0050 For 30 Degree Bend, Deduct	-55.56	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.13	
16139-0073	EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 242.27	242.27	109.05
	16MOD-0049 For 60 Degree Bend, Deduct	-38.15	
	16MOD-0050 For 30 Degree Bend, Deduct	-69.64	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.14	
16139-0074	EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 286.00	286.00	125.18
	16MOD-0049 For 60 Degree Bend, Deduct	-46.39	
	16MOD-0050 For 30 Degree Bend, Deduct	-84.27	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.17	
16139-0075	EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Steel Cable Tray 325.63	325.63	146.95
	16MOD-0049 For 60 Degree Bend, Deduct	-51.12	
	16MOD-0050 For 30 Degree Bend, Deduct	-93.37	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.32	
16139-0076	45 Degree, 24" Radius Horizontal Elbows (16139-0043)		
16139-0077	EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 140.12	140.12	52.84
	16MOD-0049 For 60 Degree Bend, Deduct	-26.00	
	16MOD-0050 For 30 Degree Bend, Deduct	-46.26	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.61	
16139-0078	EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 161.64	161.64	63.69
	16MOD-0049 For 60 Degree Bend, Deduct	-28.92	
	16MOD-0050 For 30 Degree Bend, Deduct	-51.75	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.86	
16139-0079	EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 184.75	184.75	73.54
	16MOD-0049 For 60 Degree Bend, Deduct	-32.78	
	16MOD-0050 For 30 Degree Bend, Deduct	-58.72	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.35	
16139-0080	EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 220.42	220.42	93.91
	16MOD-0049 For 60 Degree Bend, Deduct	-36.73	
	16MOD-0050 For 30 Degree Bend, Deduct	-66.44	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.22	
16139-0081	EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 271.72	271.72	116.66
	16MOD-0049 For 60 Degree Bend, Deduct	-44.96	
	16MOD-0050 For 30 Degree Bend, Deduct	-81.41	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.45	
16139-0082	EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 317.95	317.95	135.33
	16MOD-0049 For 60 Degree Bend, Deduct	-53.06	
	16MOD-0050 For 30 Degree Bend, Deduct	-95.95	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.52	
16139-0083	EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Steel Cable Tray 374.38	374.38	161.11
	16MOD-0049 For 60 Degree Bend, Deduct	-61.80	
	16MOD-0050 For 30 Degree Bend, Deduct	-111.94	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.01	
16139-0084	45 Degree, 36" Radius Horizontal Elbows (16139-0043)		
16139-0085	EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray 165.64	165.64	54.52
	16MOD-0049 For 60 Degree Bend, Deduct	-33.77	
	16MOD-0050 For 30 Degree Bend, Deduct	-59.31	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.02	
16139-0086	EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray 189.36	189.36	66.21
	16MOD-0049 For 60 Degree Bend, Deduct	-37.11	
	16MOD-0050 For 30 Degree Bend, Deduct	-65.53	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.42	
16139-0087	EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray 208.78	208.78	76.85
	16MOD-0049 For 60 Degree Bend, Deduct	-39.44	
	16MOD-0050 For 30 Degree Bend, Deduct	-70.00	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.47	
16139-0088	EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray 253.26	253.26	99.47
	16MOD-0049 For 60 Degree Bend, Deduct	-45.43	
	16MOD-0050 For 30 Degree Bend, Deduct	-81.25	
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.03	

16000 Electrical
16100 Basic Materials And Methods
16139 Cable Trays



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0089	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray	301.13	125.18
		16MOD-0049 For 60 Degree Bend, Deduct	-51.38	
		16MOD-0050 For 30 Degree Bend, Deduct	-92.59	
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.68	
16139-0090	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray	364.30	146.95
		16MOD-0049 For 60 Degree Bend, Deduct	-63.88	
		16MOD-0050 For 30 Degree Bend, Deduct	-114.64	
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.18	
16139-0091	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Steel Cable Tray	429.30	177.88
		16MOD-0049 For 60 Degree Bend, Deduct	-73.48	
		16MOD-0050 For 30 Degree Bend, Deduct	-132.34	
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.11	
16139-0092		90 Degree, 12" Radius Vertical Risers (16139-0043)		
16139-0093	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	182.70	70.45
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.40	
16139-0094	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	200.92	80.45
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.39	
16139-0095	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	217.29	88.97
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.32	
16139-0096	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	253.80	109.05
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.29	
16139-0097	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	283.72	125.18
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.94	
16139-0098	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	315.87	140.89
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.85	
16139-0099	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Steel Cable Tray	352.12	160.82
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.81	
16139-0100		90 Degree, 24" Radius Vertical Risers (16139-0043)		
16139-0101	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Steel Cable Tray	214.78	73.47
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.35	
16139-0102	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Steel Cable Tray	235.45	84.53
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.50	
16139-0103	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Steel Cable Tray	254.86	93.91
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.66	
16139-0104	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Steel Cable Tray	297.96	116.66
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.08	
16139-0105	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	334.31	135.33
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.16	
16139-0106	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Steel Cable Tray	370.81	153.57
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.28	
16139-0107	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Steel Cable Tray	425.58	177.88
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.73	
16139-0108		90 Degree, 36" Radius Vertical Risers (16139-0043)		
16139-0109	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	252.57	76.78
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.86	
16139-0110	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	277.33	88.97
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.32	
16139-0111	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	296.43	99.47
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.35	
16139-0112	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	349.76	125.18
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.54	
16139-0113	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	387.53	146.95
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.51	
16139-0114	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	443.89	169.07
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.30	
16139-0115	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Steel Cable Tray	503.65	198.65
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.81	
16139-0116		12" Radius Horizontal Tees (16139-0043)		
16139-0117	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	330.08	135.33
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.73	
16139-0118	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	357.33	146.95
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.49	
16139-0119	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	374.62	153.57
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.66	
16139-0120	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	417.59	169.07
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.67	
16139-0121	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	472.04	187.66
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.56	
16139-0122	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	522.11	199.01
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.63	
16139-0123	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray	590.93	225.28
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.32	
16139-0124		24" Radius Horizontal Tees (16139-0043)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0125	EA 6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	408.85	146.95
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.64	
16139-0126	EA 9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	440.18	161.11
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.59	
16139-0127	EA 12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	459.74	169.07
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.89	
16139-0128	EA 18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	457.07	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.07	
16139-0129	EA 24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	561.41	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.53	
16139-0130	EA 30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	603.42	225.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.57	
16139-0131	EA 36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	725.69	260.30
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.88	
16139-0132	36" Radius Horizontal Tees (16139-0043)		
16139-0133	EA 6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	513.55	161.11
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.93	
16139-0134	EA 9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	550.94	177.88
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.27	
16139-0135	EA 12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	584.43	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.80	
16139-0136	EA 18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	644.14	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.80	
16139-0137	EA 24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	731.47	241.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.04	
16139-0138	EA 30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	792.82	260.30
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.59	
16139-0139	EA 36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	897.54	307.15
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.16	
16139-0140	12" Radius Vertical Tees (16139-0043)		
16139-0141	EA 6" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	386.63	125.18
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.23	
16139-0142	EA 9" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	396.41	130.11
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.80	
16139-0143	EA 12" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	406.57	135.33
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.38	
16139-0144	EA 18" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	429.14	146.95
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.67	
16139-0145	EA 24" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	443.30	153.57
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.53	
16139-0146	EA 30" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	481.59	169.07
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.07	
16139-0147	EA 36" Vertical Tee, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	520.43	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.40	
16139-0148	24" Radius Vertical Tees (16139-0043)		
16139-0149	EA 6" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	547.06	135.33
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.43	
16139-0150	EA 9" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	561.08	140.89
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.37	
16139-0151	EA 12" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	575.88	146.95
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.34	
16139-0152	EA 18" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	608.78	161.11
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.45	
16139-0153	EA 24" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	631.45	169.07
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.06	
16139-0154	EA 30" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	671.85	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.54	
16139-0155	EA 36" Vertical Tee, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	726.88	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.08	
16139-0156	36" Radius Vertical Tees (16139-0043)		
16139-0157	EA 6" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	845.94	146.95
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.35	
16139-0158	EA 9" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	864.78	153.57
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.68	
16139-0159	EA 12" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	885.08	161.11
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.08	
16139-0160	EA 18" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	920.90	177.88
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.27	
16139-0161	EA 24" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	945.03	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.86	
16139-0162	EA 30" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,007.86	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-83.17	
16139-0163	EA 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,065.53	241.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.45	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

16139-0164	12" Radius Horizontal Crosses <small>(16139-0043)</small>		
16139-0165	EA 6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	411.35	169.07
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.05	
16139-0166	EA 9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	432.30	177.88
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.41	
16139-0167	EA 12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	461.11	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.47	
16139-0168	EA 18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	494.01	199.01
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.82	
16139-0169	EA 24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	556.59	225.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.88	
16139-0170	EA 30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	619.07	241.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.80	
16139-0171	EA 36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	675.74	260.30
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.89	
16139-0172	24" Radius Horizontal Crosses <small>(16139-0043)</small>		
16139-0173	EA 6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	564.14	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.77	
16139-0174	EA 9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	590.79	199.01
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.50	
16139-0175	EA 12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	619.17	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.31	
16139-0176	EA 18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	659.62	225.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.19	
16139-0177	EA 24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	736.62	260.30
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.97	
16139-0178	EA 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	792.77	281.78
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.80	
16139-0179	EA 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	886.61	307.15
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.06	
16139-0180	36" Radius Horizontal Crosses <small>(16139-0043)</small>		
16139-0181	EA 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	703.46	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.73	
16139-0182	EA 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	742.35	225.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.46	
16139-0183	EA 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	784.54	241.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.35	
16139-0184	EA 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	855.26	260.30
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.84	
16139-0185	EA 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	980.27	307.15
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.43	
16139-0186	EA 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,070.00	337.58
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.87	
16139-0187	EA 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,173.10	376.04
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.97	
16139-0188	12" Radius Vertical Crosses <small>(16139-0043)</small>		
16139-0189	EA 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	469.65	169.07
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.88	
16139-0190	EA 9" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	493.51	177.95
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.52	
16139-0191	EA 12" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	527.79	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.14	
16139-0192	EA 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	567.19	199.08
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.13	
16139-0193	EA 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	638.08	225.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.03	
16139-0194	EA 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	716.90	241.35
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.58	
16139-0195	EA 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Steel Cable Tray.....	784.09	259.94
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.75	
16139-0196	24" Radius Vertical Crosses <small>(16139-0043)</small>		
16139-0197	EA 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	677.23	187.66
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.08	
16139-0198	EA 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	707.40	199.01
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.16	
16139-0199	EA 12" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	739.29	211.34
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.32	
16139-0200	EA 18" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	787.47	225.28
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.97	
16139-0201	EA 24" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	872.90	260.30
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.60	
16139-0202	EA 30" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	938.18	281.78
	16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-70.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0203 EA 36" Vertical Cross, 4" Rung Spacing, 24" Radius, Steel Cable Tray.....	1,055.20	307.15
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.92	
16139-0204 36" Radius Vertical Crosses (16139-0043)		
16139-0205 EA 6" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	861.52	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.54	
16139-0206 EA 9" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	907.43	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.97	
16139-0207 EA 12" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	956.65	241.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.56	
16139-0208 EA 18" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,044.92	260.30
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.80	
16139-0209 EA 24" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,191.01	307.15
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-93.50	
16139-0210 EA 30" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,298.30	337.58
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-101.70	
16139-0211 EA 36" Vertical Cross, 4" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,418.96	376.04
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-110.56	
16139-0212 6" Rung Tray Fittings (16139-0001)		
16139-0213 90 Degree, 12" Radius Horizontal Elbows (16139-0212)		
16139-0214 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	163.11	70.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.43	
16139-0215 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	183.12	80.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.61	
16139-0216 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	201.56	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.74	
16139-0217 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	250.92	109.05
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.00	
16139-0218 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	286.48	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.21	
16139-0219 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	337.13	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.97	
16139-0220 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	387.99	161.04
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.38	
16139-0221 90 Degree, 24" Radius Horizontal Elbows (16139-0212)		
16139-0222 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	216.13	73.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.49	
16139-0223 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	237.32	84.46
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.69	
16139-0224 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	256.69	93.91
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.84	
16139-0225 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	302.46	116.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.53	
16139-0226 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	341.49	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.87	
16139-0227 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	382.06	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.41	
16139-0228 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	446.35	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.81	
16139-0229 90 Degree, 36" Radius Horizontal Elbows (16139-0212)		
16139-0230 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	231.74	76.78
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.77	
16139-0231 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	257.63	88.90
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.36	
16139-0232 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	280.40	99.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.75	
16139-0233 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	339.80	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.55	
16139-0234 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	389.04	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.66	
16139-0235 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	454.69	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.38	
16139-0236 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	519.80	198.65
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.43	
16139-0237 45 Degree, 12" Radius Horizontal Elbows (16139-0212)		
16139-0238 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	120.62	51.21
16MOD-0051 For 60 Degree Bend, Deduct	-20.18	
16MOD-0052 For 30 Degree Bend, Deduct	-36.48	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.80	
16139-0239 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	139.07	61.43
16MOD-0051 For 60 Degree Bend, Deduct	-22.36	
16MOD-0052 For 30 Degree Bend, Deduct	-40.67	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.79	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0240 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	155.60	70.45
16MOD-0051 For 60 Degree Bend, Deduct	-24.34	
16MOD-0052 For 30 Degree Bend, Deduct	-44.49	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.69	
16139-0241 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	188.72	89.04
16MOD-0051 For 60 Degree Bend, Deduct	-28.15	
16MOD-0052 For 30 Degree Bend, Deduct	-51.87	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.45	
16139-0242 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	233.62	109.05
16MOD-0051 For 60 Degree Bend, Deduct	-35.29	
16MOD-0052 For 30 Degree Bend, Deduct	-64.88	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.27	
16139-0243 EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	274.95	125.18
16MOD-0051 For 60 Degree Bend, Deduct	-42.74	
16MOD-0052 For 30 Degree Bend, Deduct	-78.19	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.06	
16139-0244 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Steel Cable Tray	314.11	146.95
16MOD-0051 For 60 Degree Bend, Deduct	-47.32	
16MOD-0052 For 30 Degree Bend, Deduct	-87.03	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.16	
16139-0245 45 Degree, 24" Radius Horizontal Elbows (16139-0212)		
16139-0246 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	132.68	52.84
16MOD-0051 For 60 Degree Bend, Deduct	-23.54	
16MOD-0052 For 30 Degree Bend, Deduct	-42.17	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.87	
16139-0247 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	153.71	63.69
16MOD-0051 For 60 Degree Bend, Deduct	-26.31	
16MOD-0052 For 30 Degree Bend, Deduct	-47.38	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.06	
16139-0248 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	175.87	73.54
16MOD-0051 For 60 Degree Bend, Deduct	-29.85	
16MOD-0052 For 30 Degree Bend, Deduct	-53.84	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.46	
16139-0249 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	211.30	93.91
16MOD-0051 For 60 Degree Bend, Deduct	-33.72	
16MOD-0052 For 30 Degree Bend, Deduct	-61.43	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.30	
16139-0250 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	260.67	116.66
16MOD-0051 For 60 Degree Bend, Deduct	-41.31	
16MOD-0052 For 30 Degree Bend, Deduct	-75.33	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.35	
16139-0251 EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	304.74	135.33
16MOD-0051 For 60 Degree Bend, Deduct	-48.70	
16MOD-0052 For 30 Degree Bend, Deduct	-88.69	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.20	
16139-0252 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Steel Cable Tray	359.25	161.11
16MOD-0051 For 60 Degree Bend, Deduct	-56.80	
16MOD-0052 For 30 Degree Bend, Deduct	-103.62	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.50	
16139-0253 45 Degree, 36" Radius Horizontal Elbows (16139-0212)		
16139-0254 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	154.95	54.52
16MOD-0051 For 60 Degree Bend, Deduct	-30.24	
16MOD-0052 For 30 Degree Bend, Deduct	-53.43	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.95	
16139-0255 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	178.07	66.21
16MOD-0051 For 60 Degree Bend, Deduct	-33.38	
16MOD-0052 For 30 Degree Bend, Deduct	-59.32	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.29	
16139-0256 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	197.26	76.85
16MOD-0051 For 60 Degree Bend, Deduct	-35.64	
16MOD-0052 For 30 Degree Bend, Deduct	-63.66	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.32	
16139-0257 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	240.77	99.47
16MOD-0051 For 60 Degree Bend, Deduct	-41.31	
16MOD-0052 For 30 Degree Bend, Deduct	-74.38	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.79	
16139-0258 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	287.92	125.18
16MOD-0051 For 60 Degree Bend, Deduct	-47.02	
16MOD-0052 For 30 Degree Bend, Deduct	-85.32	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.36	
16139-0259 EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	347.25	146.95
16MOD-0051 For 60 Degree Bend, Deduct	-58.26	
16MOD-0052 For 30 Degree Bend, Deduct	-105.26	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.48	
16139-0260 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Steel Cable Tray	410.33	177.88
16MOD-0051 For 60 Degree Bend, Deduct	-67.22	
16MOD-0052 For 30 Degree Bend, Deduct	-121.91	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.21	
16139-0261 90 Degree, 12" Radius Vertical Risers (16139-0212)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0262 EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	177.48	70.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.88	
16139-0263 EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	195.58	80.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.85	
16139-0264 EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	211.76	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.76	
16139-0265 EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	231.55	109.05
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.07	
16139-0266 EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	277.72	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.34	
16139-0267 EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	309.39	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.20	
16139-0268 EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	345.39	160.82
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.14	
16139-0269 90 Degree, 24" Radius Vertical Risers (16139-0212)		
16139-0270 EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	207.40	73.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.62	
16139-0271 EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	227.89	84.53
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.74	
16139-0272 EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	246.99	93.91
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.87	
16139-0273 EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	289.67	116.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.25	
16139-0274 EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	325.61	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.29	
16139-0275 EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	361.62	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.36	
16139-0276 EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	415.25	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.70	
16139-0277 90 Degree, 36" Radius Vertical Risers (16139-0212)		
16139-0278 EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	242.61	76.78
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.86	
16139-0279 EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	267.00	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.29	
16139-0280 EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	285.98	99.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.31	
16139-0281 EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	338.48	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.41	
16139-0282 EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	376.13	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.37	
16139-0283 EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	430.92	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.00	
16139-0284 EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	489.85	198.65
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.43	
16139-0285 12" Radius Horizontal Tees (16139-0212)		
16139-0286 EA 6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	322.03	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.93	
16139-0287 EA 9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	348.69	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.62	
16139-0288 EA 12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	365.49	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.75	
16139-0289 EA 18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	407.14	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.63	
16139-0290 EA 24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	459.79	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.34	
16139-0291 EA 30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	507.46	199.01
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.16	
16139-0292 EA 36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	574.36	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.66	
16139-0293 24" Radius Horizontal Tees (16139-0212)		
16139-0294 EA 6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	396.24	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.38	
16139-0295 EA 9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	426.97	161.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.27	
16139-0296 EA 12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	446.05	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.52	
16139-0297 EA 18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	490.05	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.36	
16139-0298 EA 24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	545.32	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.92	
16139-0299 EA 30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	585.89	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.81	
16139-0300 EA 36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	703.24	260.30
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.64	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0301		36" Radius Horizontal Tees <small>(16139-0212)</small>		
16139-0302	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	494.70	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.05	
16139-0303	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	531.37	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.31	
16139-0304	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	563.54	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.71	
16139-0305	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	621.69	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.56	
16139-0306	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	706.13	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.51	
16139-0307	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	765.20	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.83	
16139-0308	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	867.88	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.19	
16139-0309		12" Radius Vertical Tees <small>(16139-0212)</small>		
16139-0310	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	372.94	125.18
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.86	
16139-0311	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	382.60	130.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.42	
16139-0312	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	392.64	135.33
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.99	
16139-0313	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	414.97	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.25	
16139-0314	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	428.89	153.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.09	
16139-0315	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	466.22	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.53	
16139-0316	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	504.46	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.81	
16139-0317		24" Radius Vertical Tees <small>(16139-0212)</small>		
16139-0318	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	522.33	135.33
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.96	
16139-0319	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	535.98	140.89
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.86	
16139-0320	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	550.42	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.80	
16139-0321	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	582.60	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.84	
16139-0322	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	604.55	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.37	
16139-0323	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	644.23	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.78	
16139-0324	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Steel Cable Tray.....	698.06	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.19	
16139-0325		36" Radius Vertical Tees <small>(16139-0212)</small>		
16139-0326	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	799.71	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.72	
16139-0327	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	817.95	153.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.00	
16139-0328	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	837.65	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-70.34	
16139-0329	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	872.87	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.46	
16139-0330	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	896.40	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.00	
16139-0331	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	957.43	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.13	
16139-0332	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,014.50	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-81.35	
16139-0333		12" Radius Horizontal Crosses <small>(16139-0212)</small>		
16139-0334	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	401.38	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.05	
16139-0335	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	421.85	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.36	
16139-0336	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	449.70	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.33	
16139-0337	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	481.52	199.01
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.57	
16139-0338	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	542.66	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.49	
16139-0339	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray.....	602.38	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0340 EA 36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	657.13 -44.02	260.30
16139-0341 24" Radius Horizontal Crosses (16139-0212)		
16139-0342 EA 6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	544.80 -38.84	187.66
16139-0343 EA 9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	570.86 -40.50	199.01
16139-0344 EA 12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	598.63 -42.25	211.34
16139-0345 EA 18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	637.76 -45.00	225.28
16139-0346 EA 24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	713.33 -49.64	260.30
16139-0347 EA 30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	767.92 -53.31	281.78
16139-0348 EA 36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	857.79 -60.18	307.15
16139-0349 36" Radius Horizontal Crosses (16139-0212)		
16139-0350 EA 6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	676.44 -50.03	211.34
16139-0351 EA 9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	714.13 -52.64	225.28
16139-0352 EA 12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	755.12 -55.41	241.28
16139-0353 EA 18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	822.84 -60.60	260.30
16139-0354 EA 24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	944.25 -68.83	307.15
16139-0355 EA 30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	1,030.97 -74.96	337.58
16139-0356 EA 36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	1,131.07 -81.77	376.04
16139-0357 12" Radius Vertical Crosses (16139-0212)		
16139-0358 EA 6" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	455.20 -31.43	169.07
16139-0359 EA 9" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	478.37 -33.01	177.95
16139-0360 EA 12" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	511.25 -35.49	187.66
16139-0361 EA 18" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	549.09 -38.32	199.08
16139-0362 EA 24" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	617.88 -43.01	225.28
16139-0363 EA 30" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	692.69 -49.16	241.35
16139-0364 EA 36" Vertical Cross, 6" Rung Spacing, 12" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	757.10 -54.05	259.94
16139-0365 24" Radius Vertical Crosses (16139-0212)		
16139-0366 EA 6" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	649.20 -49.28	187.66
16139-0367 EA 9" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	678.50 -51.27	199.01
16139-0368 EA 12" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	709.51 -53.34	211.34
16139-0369 EA 18" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	755.78 -56.80	225.28
16139-0370 EA 24" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	839.12 -62.22	260.30
16139-0371 EA 30" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	902.14 -66.73	281.78
16139-0372 EA 36" Vertical Cross, 6" Rung Spacing, 24" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	1,013.41 -75.74	307.15
16139-0373 36" Radius Vertical Crosses (16139-0212)		
16139-0374 EA 6" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	822.34 -64.62	211.34
16139-0375 EA 9" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	866.52 -67.88	225.28
16139-0376 EA 12" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	913.99 -71.29	241.28
16139-0377 EA 18" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	997.91 -78.10	260.30
16139-0378 EA 24" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray..... 16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	1,138.78 -88.28	307.15



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0379 EA 30" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,241.71	337.58
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-96.04	
16139-0380 EA 36" Vertical Cross, 6" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,358.02	376.04
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.47	
16139-0381 9" Rung Tray Fittings (16139-0001)		
16139-0382 90 Degree, 12" Radius Horizontal Elbows (16139-0381)		
16139-0383 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	155.54	70.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.67	
16139-0384 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	174.96	80.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.79	
16139-0385 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	192.67	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.86	
16139-0386 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	239.39	109.05
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.85	
16139-0387 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	273.51	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.92	
16139-0388 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	320.08	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.27	
16139-0389 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	368.06	161.04
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.39	
16139-0390 90 Degree, 24" Radius Horizontal Elbows (16139-0381)		
16139-0391 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	200.52	73.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.93	
16139-0392 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	221.23	84.46
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.08	
16139-0393 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	240.00	93.91
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.17	
16139-0394 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	284.45	116.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.73	
16139-0395 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	322.15	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.94	
16139-0396 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	361.05	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.31	
16139-0397 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	421.37	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.31	
16139-0398 90 Degree, 36" Radius Horizontal Elbows (16139-0381)		
16139-0399 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	214.45	76.78
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.05	
16139-0400 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	239.38	88.90
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.53	
16139-0401 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	261.30	99.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.84	
16139-0402 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	317.94	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.36	
16139-0403 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	365.02	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.26	
16139-0404 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	425.88	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.50	
16139-0405 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	488.34	198.65
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.28	
16139-0406 45 Degree, 12" Radius Horizontal Elbows (16139-0381)		
16139-0407 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	114.74	51.21
16MOD-0053 For 60 Degree Bend, Deduct	-18.24	
16MOD-0054 For 30 Degree Bend, Deduct	-33.25	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.21	
16139-0408 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	132.95	61.43
16MOD-0053 For 60 Degree Bend, Deduct	-20.34	
16MOD-0054 For 30 Degree Bend, Deduct	-37.31	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.18	
16139-0409 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	149.23	70.45
16MOD-0053 For 60 Degree Bend, Deduct	-22.24	
16MOD-0054 For 30 Degree Bend, Deduct	-40.98	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.05	
16139-0410 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	181.99	89.04
16MOD-0053 For 60 Degree Bend, Deduct	-25.93	
16MOD-0054 For 30 Degree Bend, Deduct	-48.17	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.78	
16139-0411 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	224.98	109.05
16MOD-0053 For 60 Degree Bend, Deduct	-32.44	
16MOD-0054 For 30 Degree Bend, Deduct	-60.13	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.41	
16139-0412 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	263.91	125.18
16MOD-0053 For 60 Degree Bend, Deduct	-39.10	
16MOD-0054 For 30 Degree Bend, Deduct	-72.12	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0413 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Steel Cable Tray	302.58	146.95
16MOD-0053 For 60 Degree Bend, Deduct	-43.52	
16MOD-0054 For 30 Degree Bend, Deduct	-80.69	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.01	
16139-0414 45 Degree, 24" Radius Horizontal Elbows (16139-0381)		
16139-0415 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	125.23	52.84
16MOD-0053 For 60 Degree Bend, Deduct	-21.08	
16MOD-0054 For 30 Degree Bend, Deduct	-38.07	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.12	
16139-0416 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	145.79	63.69
16MOD-0053 For 60 Degree Bend, Deduct	-23.69	
16MOD-0054 For 30 Degree Bend, Deduct	-43.03	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.27	
16139-0417 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	166.98	73.54
16MOD-0053 For 60 Degree Bend, Deduct	-26.92	
16MOD-0054 For 30 Degree Bend, Deduct	-48.95	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.57	
16139-0418 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	202.17	93.91
16MOD-0053 For 60 Degree Bend, Deduct	-30.71	
16MOD-0054 For 30 Degree Bend, Deduct	-56.40	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.39	
16139-0419 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	249.63	116.66
16MOD-0053 For 60 Degree Bend, Deduct	-37.67	
16MOD-0054 For 30 Degree Bend, Deduct	-69.26	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.24	
16139-0420 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	291.53	135.33
16MOD-0053 For 60 Degree Bend, Deduct	-44.34	
16MOD-0054 For 30 Degree Bend, Deduct	-81.42	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.88	
16139-0421 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Steel Cable Tray	344.12	161.11
16MOD-0053 For 60 Degree Bend, Deduct	-51.81	
16MOD-0054 For 30 Degree Bend, Deduct	-95.30	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.99	
16139-0422 45 Degree, 36" Radius Horizontal Elbows (16139-0381)		
16139-0423 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	144.27	54.52
16MOD-0053 For 60 Degree Bend, Deduct	-26.72	
16MOD-0054 For 30 Degree Bend, Deduct	-47.56	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.89	
16139-0424 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	166.79	66.21
16MOD-0053 For 60 Degree Bend, Deduct	-29.66	
16MOD-0054 For 30 Degree Bend, Deduct	-53.11	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.16	
16139-0425 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	185.73	76.85
16MOD-0053 For 60 Degree Bend, Deduct	-31.83	
16MOD-0054 For 30 Degree Bend, Deduct	-57.32	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.17	
16139-0426 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	228.28	99.47
16MOD-0053 For 60 Degree Bend, Deduct	-37.19	
16MOD-0054 For 30 Degree Bend, Deduct	-67.51	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.54	
16139-0427 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	274.71	125.18
16MOD-0053 For 60 Degree Bend, Deduct	-42.66	
16MOD-0054 For 30 Degree Bend, Deduct	-78.06	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.04	
16139-0428 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	330.20	146.95
16MOD-0053 For 60 Degree Bend, Deduct	-52.63	
16MOD-0054 For 30 Degree Bend, Deduct	-95.88	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.77	
16139-0429 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Steel Cable Tray	391.35	177.88
16MOD-0053 For 60 Degree Bend, Deduct	-60.95	
16MOD-0054 For 30 Degree Bend, Deduct	-111.47	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.31	
16139-0430 90 Degree, 12" Radius Vertical Risers (16139-0381)		
16139-0431 EA 6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	169.64	70.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.09	
16139-0432 EA 9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	187.57	80.45
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.05	
16139-0433 EA 12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	203.48	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.94	
16139-0434 EA 18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	239.39	109.05
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.85	
16139-0435 EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	268.71	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.44	
16139-0436 EA 30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	299.66	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.23	
16139-0437 EA 36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Steel Cable Tray	335.30	160.82
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.13	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0438		90 Degree, 24" Radius Vertical Risers (16139-0381)		
16139-0439	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	196.32	73.47
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.51	
16139-0440	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	216.54	84.53
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.61	
16139-0441	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	235.19	93.91
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.69	
16139-0442	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	277.24	116.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.00	
16139-0443	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	312.55	135.33
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.98	
16139-0444	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	347.84	153.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.99	
16139-0445	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Steel Cable Tray	399.76	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.15	
16139-0446		90 Degree, 36" Radius Vertical Risers (16139-0381)		
16139-0447	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	227.66	76.78
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.37	
16139-0448	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	251.51	88.97
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.74	
16139-0449	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	270.31	99.47
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.74	
16139-0450	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	321.54	125.18
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.72	
16139-0451	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	359.02	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.66	
16139-0452	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	411.47	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.06	
16139-0453	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Steel Cable Tray	469.13	198.65
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.36	
16139-0454		12" Radius Horizontal Tees (16139-0381)		
16139-0455	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	305.94	135.33
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.32	
16139-0456	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	331.40	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.89	
16139-0457	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	347.24	153.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.93	
16139-0458	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	386.25	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.54	
16139-0459	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	435.29	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.89	
16139-0460	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	478.16	199.01
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.23	
16139-0461	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray	541.22	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.35	
16139-0462		24" Radius Horizontal Tees (16139-0381)		
16139-0463	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	371.02	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.86	
16139-0464	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	400.56	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.63	
16139-0465	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	418.67	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.78	
16139-0466	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	460.51	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.41	
16139-0467	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	513.14	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.70	
16139-0468	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	550.83	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.31	
16139-0469	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray	658.33	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.14	
16139-0470		36" Radius Horizontal Tees (16139-0381)		
16139-0471	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray	456.99	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.28	
16139-0472	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray	492.22	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.40	
16139-0473	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray	521.75	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.53	
16139-0474	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray	576.78	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.07	
16139-0475	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray	655.46	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.44	
16139-0476	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray	709.96	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.31	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0477 EA 36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	808.56	307.15
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.26	
16139-0478 12" Radius Vertical Tees (16139-0381)		
16139-0479 EA 6" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	345.56	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.12	
16139-0480 EA 9" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	354.98	130.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.65	
16139-0481 EA 12" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	364.78	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.20	
16139-0482 EA 18" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	386.63	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.42	
16139-0483 EA 24" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	400.08	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.21	
16139-0484 EA 30" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	435.48	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.46	
16139-0485 EA 36" Vertical Tee, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	472.52	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.61	
16139-0486 24" Radius Vertical Tees (16139-0381)		
16139-0487 EA 6" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	472.85	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.01	
16139-0488 EA 9" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	485.79	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.84	
16139-0489 EA 12" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	499.51	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.70	
16139-0490 EA 18" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	530.24	161.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.60	
16139-0491 EA 24" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	550.76	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.99	
16139-0492 EA 30" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	588.99	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.26	
16139-0493 EA 36" Vertical Tee, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	640.42	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.43	
16139-0494 36" Radius Vertical Tees (16139-0381)		
16139-0495 EA 6" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	707.25	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.48	
16139-0496 EA 9" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	724.29	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.63	
16139-0497 EA 12" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	742.78	161.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.85	
16139-0498 EA 18" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	776.81	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.86	
16139-0499 EA 24" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	799.13	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.27	
16139-0500 EA 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	856.56	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.04	
16139-0501 EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	912.43	241.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.14	
16139-0502 12" Radius Horizontal Crosses (16139-0381)		
16139-0503 EA 6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	381.45	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.06	
16139-0504 EA 9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	400.96	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.27	
16139-0505 EA 12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	426.89	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.05	
16139-0506 EA 18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	456.54	199.01
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.07	
16139-0507 EA 24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	514.80	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.70	
16139-0508 EA 30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	569.00	241.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.80	
16139-0509 EA 36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	619.90	260.30
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.30	
16139-0510 24" Radius Horizontal Crosses (16139-0381)		
16139-0511 EA 6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	506.14	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.97	
16139-0512 EA 9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	530.99	199.01
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.52	
16139-0513 EA 12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	557.57	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.15	
16139-0514 EA 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	594.05	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.63	
16139-0515 EA 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	666.73	260.30
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.98	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0516	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	718.20	281.78
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.34	
16139-0517	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	800.15	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.42	
16139-0518		36" Radius Horizontal Crosses (16139-0381)		
16139-0519	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	622.41	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.63	
16139-0520	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	657.70	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.99	
16139-0521	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	696.28	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.52	
16139-0522	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	757.99	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.11	
16139-0523	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	872.20	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.62	
16139-0524	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	952.92	337.58
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.16	
16139-0525	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,047.02	376.04
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.37	
16139-0526		12" Radius Vertical Crosses (16139-0381)		
16139-0527	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	426.30	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.54	
16139-0528	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	448.07	177.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.98	
16139-0529	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	478.17	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.18	
16139-0530	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	512.87	199.08
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.70	
16139-0531	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	577.48	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.97	
16139-0532	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	644.29	241.35
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.32	
16139-0533	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Steel Cable Tray.....	703.13	259.94
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.65	
16139-0534		24" Radius Vertical Crosses (16139-0381)		
16139-0535	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	593.14	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.67	
16139-0536	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	620.69	199.01
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.49	
16139-0537	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	649.97	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.39	
16139-0538	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	692.40	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.46	
16139-0539	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	771.56	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.47	
16139-0540	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	830.06	281.78
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.52	
16139-0541	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Steel Cable Tray.....	929.84	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.39	
16139-0542		36" Radius Vertical Crosses (16139-0381)		
16139-0543	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	743.99	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.79	
16139-0544	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	784.68	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.69	
16139-0545	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	828.67	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.76	
16139-0546	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	903.89	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.70	
16139-0547	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,034.31	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.83	
16139-0548	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,128.53	337.58
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-84.72	
16139-0549	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,236.14	376.04
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-92.28	
16139-0550		12" Rung Tray Fittings (16139-0001)		
16139-0551		90 Degree, 12" Radius Horizontal Elbows (16139-0550)		
16139-0552	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	152.90	70.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.40	
16139-0553	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	172.10	80.45
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.50	
16139-0554	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	189.56	88.97
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0555 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	235.35	109.05
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.45	
16139-0556 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	268.97	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.46	
16139-0557 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	314.11	140.89
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.67	
16139-0558 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	361.08	161.04
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.69	
16139-0559 90 Degree, 24" Radius Horizontal Elbows (16139-0550)		
16139-0560 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	195.06	73.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.38	
16139-0561 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	215.60	84.46
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.52	
16139-0562 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	234.15	93.91
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.59	
16139-0563 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	278.15	116.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.10	
16139-0564 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	315.39	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.26	
16139-0565 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	353.69	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.57	
16139-0566 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	412.63	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.44	
16139-0567 90 Degree, 36" Radius Horizontal Elbows (16139-0550)		
16139-0568 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	208.40	76.78
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.44	
16139-0569 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	232.99	88.90
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.89	
16139-0570 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	254.62	99.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.17	
16139-0571 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	310.29	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.60	
16139-0572 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	356.61	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.41	
16139-0573 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	415.79	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.49	
16139-0574 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	477.33	198.65
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.18	
16139-0575 45 Degree, 12" Radius Horizontal Elbows (16139-0550)		
16139-0576 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	112.68	51.21
16MOD-0055 For 60 Degree Bend, Deduct	-17.56	
16MOD-0056 For 30 Degree Bend, Deduct	-32.11	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.00	
16139-0577 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	130.81	61.43
16MOD-0055 For 60 Degree Bend, Deduct	-19.63	
16MOD-0056 For 30 Degree Bend, Deduct	-36.13	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.96	
16139-0578 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	147.00	70.45
16MOD-0055 For 60 Degree Bend, Deduct	-21.51	
16MOD-0056 For 30 Degree Bend, Deduct	-39.76	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.83	
16139-0579 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	179.64	89.04
16MOD-0055 For 60 Degree Bend, Deduct	-25.16	
16MOD-0056 For 30 Degree Bend, Deduct	-46.87	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.55	
16139-0580 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	221.95	109.05
16MOD-0055 For 60 Degree Bend, Deduct	-31.44	
16MOD-0056 For 30 Degree Bend, Deduct	-58.46	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.11	
16139-0581 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	260.04	125.18
16MOD-0055 For 60 Degree Bend, Deduct	-37.82	
16MOD-0056 For 30 Degree Bend, Deduct	-69.99	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.57	
16139-0582 EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Steel Cable Tray	298.54	146.95
16MOD-0055 For 60 Degree Bend, Deduct	-42.18	
16MOD-0056 For 30 Degree Bend, Deduct	-78.47	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.61	
16139-0583 45 Degree, 24" Radius Horizontal Elbows (16139-0550)		
16139-0584 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	122.63	52.84
16MOD-0055 For 60 Degree Bend, Deduct	-20.23	
16MOD-0056 For 30 Degree Bend, Deduct	-36.64	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.86	
16139-0585 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	143.01	63.69
16MOD-0055 For 60 Degree Bend, Deduct	-22.78	
16MOD-0056 For 30 Degree Bend, Deduct	-41.50	
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0586	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	163.87	73.54
	16MOD-0055	For 60 Degree Bend, Deduct	-25.89	
	16MOD-0056	For 30 Degree Bend, Deduct	-47.24	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.26	
16139-0587	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	198.98	93.91
	16MOD-0055	For 60 Degree Bend, Deduct	-29.66	
	16MOD-0056	For 30 Degree Bend, Deduct	-54.65	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.07	
16139-0588	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	245.76	116.66
	16MOD-0055	For 60 Degree Bend, Deduct	-36.39	
	16MOD-0056	For 30 Degree Bend, Deduct	-67.13	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.86	
16139-0589	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	286.91	135.33
	16MOD-0055	For 60 Degree Bend, Deduct	-42.82	
	16MOD-0056	For 30 Degree Bend, Deduct	-78.88	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.42	
16139-0590	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Steel Cable Tray	338.82	161.11
	16MOD-0055	For 60 Degree Bend, Deduct	-50.06	
	16MOD-0056	For 30 Degree Bend, Deduct	-92.39	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.46	
16139-0591		45 Degree, 36" Radius Horizontal Elbows (16139-0550)		
16139-0592	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	140.53	54.52
	16MOD-0055	For 60 Degree Bend, Deduct	-25.48	
	16MOD-0056	For 30 Degree Bend, Deduct	-45.50	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.51	
16139-0593	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	162.84	66.21
	16MOD-0055	For 60 Degree Bend, Deduct	-28.36	
	16MOD-0056	For 30 Degree Bend, Deduct	-50.94	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.77	
16139-0594	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	181.69	76.85
	16MOD-0055	For 60 Degree Bend, Deduct	-30.50	
	16MOD-0056	For 30 Degree Bend, Deduct	-55.10	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.76	
16139-0595	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	223.91	99.47
	16MOD-0055	For 60 Degree Bend, Deduct	-35.75	
	16MOD-0056	For 30 Degree Bend, Deduct	-65.11	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.10	
16139-0596	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	270.09	125.18
	16MOD-0055	For 60 Degree Bend, Deduct	-41.14	
	16MOD-0056	For 30 Degree Bend, Deduct	-75.52	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.58	
16139-0597	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	324.23	146.95
	16MOD-0055	For 60 Degree Bend, Deduct	-50.66	
	16MOD-0056	For 30 Degree Bend, Deduct	-92.60	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.18	
16139-0598	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Steel Cable Tray	384.71	177.88
	16MOD-0055	For 60 Degree Bend, Deduct	-58.76	
	16MOD-0056	For 30 Degree Bend, Deduct	-107.82	
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.65	
16139-0599		90 Degree, 12" Radius Vertical Risers (16139-0550)		
16139-0600	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	165.99	70.45
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.73	
16139-0601	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	183.83	80.45
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.68	
16139-0602	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	199.61	88.97
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.55	
16139-0603	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	235.35	109.05
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.45	
16139-0604	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	264.51	125.18
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.02	
16139-0605	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	295.12	140.89
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.77	
16139-0606	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Steel Cable Tray	330.60	160.82
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.66	
16139-0607		90 Degree, 24" Radius Vertical Risers (16139-0550)		
16139-0608	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray	191.15	73.47
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.99	
16139-0609	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray	211.24	84.53
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.08	
16139-0610	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray	229.69	93.91
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.14	
16139-0611	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray	271.45	116.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.43	
16139-0612	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray	306.45	135.33
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.37	
16139-0613	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray	341.41	153.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0614 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	392.53	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.43	
16139-0615 90 Degree, 36" Radius Vertical Risers (16139-0550)		
16139-0616 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	220.68	76.78
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.67	
16139-0617 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	244.28	88.97
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.02	
16139-0618 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	263.00	99.47
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.01	
16139-0619 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	313.64	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.93	
16139-0620 EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	351.03	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.86	
16139-0621 EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	402.39	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.15	
16139-0622 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	459.46	198.65
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.39	
16139-0623 12" Radius Horizontal Tees (16139-0550)		
16139-0624 EA 6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	297.90	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.52	
16139-0625 EA 9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	322.75	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.03	
16139-0626 EA 12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	338.11	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.01	
16139-0627 EA 18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	375.80	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.49	
16139-0628 EA 24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	423.04	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.66	
16139-0629 EA 30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	463.51	199.01
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.77	
16139-0630 EA 36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	524.65	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.69	
16139-0631 24" Radius Horizontal Tees (16139-0550)		
16139-0632 EA 6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	358.42	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.60	
16139-0633 EA 9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	387.35	161.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.31	
16139-0634 EA 12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	404.98	169.07
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.41	
16139-0635 EA 18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	445.74	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.93	
16139-0636 EA 24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	497.05	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.09	
16139-0637 EA 30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	533.29	225.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.55	
16139-0638 EA 36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	635.87	260.30
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.90	
16139-0639 36" Radius Horizontal Tees (16139-0550)		
16139-0640 EA 6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	438.14	161.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.39	
16139-0641 EA 9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	472.65	177.88
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.44	
16139-0642 EA 12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	500.85	187.66
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.44	
16139-0643 EA 18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	554.32	211.34
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.82	
16139-0644 EA 24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	630.12	241.28
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.91	
16139-0645 EA 30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	682.34	260.30
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.55	
16139-0646 EA 36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	778.90	307.15
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.29	
16139-0647 12" Radius Vertical Tees (16139-0550)		
16139-0648 EA 6" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	331.87	125.18
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.75	
16139-0649 EA 9" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	341.17	130.11
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.27	
16139-0650 EA 12" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	350.85	135.33
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.81	
16139-0651 EA 18" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	372.46	146.95
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.00	
16139-0652 EA 24" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	385.67	153.57
16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.77	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0653	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	420.11	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.92	
16139-0654	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	456.55	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.01	
16139-0655		24" Radius Vertical Tees (16139-0650)		
16139-0656	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	448.12	135.33
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.54	
16139-0657	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	460.69	140.89
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.33	
16139-0658	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	474.05	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.16	
16139-0659	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	504.07	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.98	
16139-0660	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	523.86	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.30	
16139-0661	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	561.37	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.50	
16139-0662	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	611.60	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.55	
16139-0663		36" Radius Vertical Tees (16139-0650)		
16139-0664	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	661.02	146.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.86	
16139-0665	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	677.46	153.57
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.95	
16139-0666	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	695.35	161.11
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.11	
16139-0667	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	728.78	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.05	
16139-0668	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	750.50	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.41	
16139-0669	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	806.13	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.00	
16139-0670	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	861.39	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.03	
16139-0671		12" Radius Horizontal Crosses (16139-0650)		
16139-0672	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	371.48	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.06	
16139-0673	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	390.51	177.88
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.23	
16139-0674	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	415.48	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.91	
16139-0675	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	444.05	199.01
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.82	
16139-0676	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	500.87	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.31	
16139-0677	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	552.31	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.13	
16139-0678	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	601.29	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.44	
16139-0679		24" Radius Horizontal Crosses (16139-0650)		
16139-0680	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	486.81	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.04	
16139-0681	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	511.06	199.01
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.52	
16139-0682	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	537.03	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.09	
16139-0683	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	572.20	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.44	
16139-0684	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	643.44	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.66	
16139-0685	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	693.35	281.78
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.85	
16139-0686	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	771.33	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.54	
16139-0687		36" Radius Horizontal Crosses (16139-0650)		
16139-0688	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	595.39	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.93	
16139-0689	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	629.48	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.17	
16139-0690	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	666.87	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.58	
16139-0691	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	725.57	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.87	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0692	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray	836.17	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.02	
16139-0693	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray	913.89	337.58
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.26	
16139-0694	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray	1,004.99	376.04
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.16	
16139-0695		12" Radius Vertical Crosses (16139-0550)		
16139-0696	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	411.84	169.07
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.10	
16139-0697	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	432.92	177.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.46	
16139-0698	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	461.63	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.53	
16139-0699	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	494.76	199.08
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.89	
16139-0700	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	557.29	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.95	
16139-0701	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	620.09	241.35
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.90	
16139-0702	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Steel Cable Tray.....	676.14	259.94
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.95	
16139-0703		24" Radius Vertical Crosses (16139-0550)		
16139-0704	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	565.10	187.66
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.87	
16139-0705	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	591.79	199.01
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.60	
16139-0706	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	620.19	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.41	
16139-0707	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	660.71	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.30	
16139-0708	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	737.79	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.09	
16139-0709	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	794.02	281.78
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.92	
16139-0710	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Steel Cable Tray.....	888.05	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.21	
16139-0711		36" Radius Vertical Crosses (16139-0550)		
16139-0712	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	704.81	211.34
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.87	
16139-0713	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	743.76	225.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.60	
16139-0714	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	786.01	241.28
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.50	
16139-0715	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	856.88	260.30
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.00	
16139-0716	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	982.07	307.15
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.61	
16139-0717	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,071.95	337.58
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.06	
16139-0718	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Steel Cable Tray.....	1,175.20	376.04
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.18	
16139-0719		Dropout Or End Plates And Reducers (16139-0001)		
16139-0720		Straight Reducers (16139-0719)		
16139-0721	EA	9"-6" Reducer, Steel Cable Tray.....	141.91	51.99
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.86	
16139-0722	EA	12"-9" Reducer, Steel Cable Tray.....	150.27	56.29
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.34	
16139-0723	EA	18"-12" Reducer, Steel Cable Tray.....	164.76	64.95
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.06	
16139-0724	EA	24"-18" Reducer, Steel Cable Tray.....	182.90	75.17
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.03	
16139-0725	EA	30"-24" Reducer, Steel Cable Tray.....	199.73	84.53
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.93	
16139-0726	EA	36"-30" Reducer, Steel Cable Tray.....	227.02	96.58
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.65	
16139-0727		Reducers (16139-0719)		
16139-0728	EA	18"-6" Reducer, Steel Cable Tray.....	167.22	65.02
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.30	
16139-0729	EA	24"-12" Reducer, Steel Cable Tray.....	185.48	75.24
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.28	
16139-0730	EA	30"-12" Reducer, Steel Cable Tray.....	204.42	84.46
	16MOD-0057	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.40	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0731	EA	30"-18" Reducer, Steel Cable Tray	206.71	84.39
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.64	
16139-0732	EA	36"-12" Reducer, Steel Cable Tray	228.22	96.58
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.77	
16139-0733	EA	36"-18" Reducer, Steel Cable Tray	234.87	99.12
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.23	
16139-0734	EA	36"-24" Reducer, Steel Cable Tray	242.54	102.29
		16MOD-0057 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.73	
16139-0735		Dropout Or End Plate (16139-0719)		
16139-0736	EA	6" Dropout Or End Plate, Steel Cable Tray.....	41.40	21.14
16139-0737	EA	9" Dropout Or End Plate, Steel Cable Tray.....	47.49	24.16
16139-0738	EA	12" Dropout Or End Plate, Steel Cable Tray.....	51.25	26.00
16139-0739	EA	18" Dropout Or End Plate, Steel Cable Tray.....	60.52	30.71
16139-0740	EA	24" Dropout Or End Plate, Steel Cable Tray.....	67.65	33.81
16139-0741	EA	30" Dropout Or End Plate, Steel Cable Tray.....	74.99	37.55
16139-0742	EA	36" Dropout Or End Plate, Steel Cable Tray.....	84.62	42.27
16139-0743		Ladder Bottom Aluminum Cable Tray (16139)		
		Note: 4-5/8" Height		
16139-0744		Straight Tray Sections (16139-0743)		
16139-0745		4" Rung Spacing (16139-0744)		
16139-0746	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	22.65	4.93
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.57	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.85	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.13	
16139-0747	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	23.90	5.21
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.72	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.96	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.20	
16139-0748	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	25.14	5.42
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.87	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.06	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.26	
16139-0749	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	27.83	5.92
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.18	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.29	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.39	
16139-0750	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	31.44	6.34
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.67	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.62	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.57	
16139-0751	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	34.26	6.76
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	4.02	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.86	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.71	
16139-0752	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	36.86	7.19
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	4.33	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-3.09	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.84	
16139-0753		6" Rung Spacing (16139-0744)		
16139-0754	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	21.34	4.93
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.38	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.72	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.07	
16139-0755	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	22.51	5.21
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.51	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.82	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.13	
16139-0756	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	23.68	5.42
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.65	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.92	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.18	
16139-0757	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	26.20	5.92
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.94	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.12	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.31	
16139-0758	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	29.53	6.34
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.38	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.43	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.48	
16139-0759	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	32.17	6.76
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.70	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.66	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.61	
16139-0760	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	34.60	7.19
		16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.99	
		16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.86	
		16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0761 9" Rung Spacing (16139-0744)		
16139-0762 LF 6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	19.39	4.72
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.12	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.54	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.97	
16139-0763 LF 9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	19.81	4.93
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.15	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.57	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.99	
16139-0764 LF 12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	21.09	5.21
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.30	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.68	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.05	
16139-0765 LF 18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	22.55	5.56
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.46	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.79	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.13	
16139-0766 LF 24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	24.93	5.78
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.78	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.01	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.25	
16139-0767 LF 30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	27.44	6.20
16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.08	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.22	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.37	
16139-0768 LF 36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	29.29	6.76
16MOD-0058 For Class 12C Instead Of Class 12B, Add	3.26	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.36	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.46	
16139-0769 12" Rung Spacing (16139-0744)		
16139-0770 LF 6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	18.92	4.58
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.08	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.51	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.95	
16139-0771 LF 9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	19.26	4.72
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.10	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.53	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.96	
16139-0772 LF 12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	20.11	5.00
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.18	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.59	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.01	
16139-0773 LF 18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	21.30	5.28
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.31	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.69	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.07	
16139-0774 LF 24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	22.83	5.35
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.53	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.83	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.14	
16139-0775 LF 30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	24.64	5.92
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.71	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.97	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.23	
16139-0776 LF 36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	26.24	6.41
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.87	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.09	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.31	
16139-0777 18" Rung Spacing (16139-0744)		
16139-0778 LF 6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	18.66	4.44
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.06	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.50	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.93	
16139-0779 LF 9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	18.80	4.65
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.05	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.50	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.94	
16139-0780 LF 12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	19.76	4.79
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.16	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.58	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	0.99	
16139-0781 LF 18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	20.81	5.07
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.28	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.66	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.04	
16139-0782 LF 24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	21.90	5.14
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.43	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.76	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0783 LF 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	23.12	5.63
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.54	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.85	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.16	
16139-0784 LF 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	24.67	6.13
16MOD-0058 For Class 12C Instead Of Class 12B, Add	2.68	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.96	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1.23	
16139-0785 4" Rung Tray Fittings (16139-0743)		
16139-0786 90 Degree, 12" Radius Horizontal Elbows (16139-0785)		
16139-0787 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	177.74	70.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.89	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.89	
16139-0788 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	195.67	80.45
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.86	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.78	
16139-0789 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	221.17	88.97
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.71	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.06	
16139-0790 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	263.80	109.05
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.29	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.19	
16139-0791 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	310.47	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.61	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.52	
16139-0792 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	342.70	140.89
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.53	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.14	
16139-0793 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	399.06	161.04
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.49	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.95	
16139-0794 90 Degree, 24" Radius Horizontal Elbows (16139-0785)		
16139-0795 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	228.83	73.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.76	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.44	
16139-0796 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	251.70	84.46
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.59	
16139-0797 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	272.77	93.91
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.45	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.64	
16139-0798 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	320.50	116.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.33	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	16.03	
16139-0799 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	363.75	135.33
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.10	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.19	
16139-0800 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	407.16	153.57
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.92	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.36	
16139-0801 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	466.66	177.88
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.84	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.33	
16139-0802 90 Degree, 36" Radius Horizontal Elbows (16139-0785)		
16139-0803 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	244.98	76.78
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.10	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.25	
16139-0804 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	268.15	88.90
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.41	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.41	
16139-0805 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	299.55	99.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.66	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.98	
16139-0806 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	359.09	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.48	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.95	
16139-0807 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	415.11	146.95
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.26	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.76	
16139-0808 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	468.67	169.07
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.78	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.43	
16139-0809 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	545.27	198.65
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.98	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0810 45 Degree, 12" Radius Horizontal Elbows <small>(16139-0785)</small>		
16139-0811 EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	124.82	51.21
16MOD-0059 For 60 Degree Bend, Deduct	-21.57	
16MOD-0060 For 30 Degree Bend, Deduct	-38.79	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.22	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	6.24	
16139-0812 EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	143.35	61.43
16MOD-0059 For 60 Degree Bend, Deduct	-23.77	
16MOD-0060 For 30 Degree Bend, Deduct	-43.03	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.22	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.17	
16139-0813 EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	159.95	70.45
16MOD-0059 For 60 Degree Bend, Deduct	-25.78	
16MOD-0060 For 30 Degree Bend, Deduct	-46.88	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.12	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.00	
16139-0814 EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	198.51	89.04
16MOD-0059 For 60 Degree Bend, Deduct	-31.38	
16MOD-0060 For 30 Degree Bend, Deduct	-57.25	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.43	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.93	
16139-0815 EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	244.05	109.05
16MOD-0059 For 60 Degree Bend, Deduct	-38.73	
16MOD-0060 For 30 Degree Bend, Deduct	-70.62	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.32	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.20	
16139-0816 EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	280.08	125.18
16MOD-0059 For 60 Degree Bend, Deduct	-44.43	
16MOD-0060 For 30 Degree Bend, Deduct	-81.01	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.57	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.00	
16139-0817 EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	319.39	146.95
16MOD-0059 For 60 Degree Bend, Deduct	-49.06	
16MOD-0060 For 30 Degree Bend, Deduct	-89.94	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.69	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.97	
16139-0818 45 Degree, 24" Radius Horizontal Elbows <small>(16139-0785)</small>		
16139-0819 EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	141.19	52.84
16MOD-0059 For 60 Degree Bend, Deduct	-26.35	
16MOD-0060 For 30 Degree Bend, Deduct	-46.85	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.72	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.06	
16139-0820 EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	165.42	63.69
16MOD-0059 For 60 Degree Bend, Deduct	-30.17	
16MOD-0060 For 30 Degree Bend, Deduct	-53.83	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.23	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.27	
16139-0821 EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	183.33	73.54
16MOD-0059 For 60 Degree Bend, Deduct	-32.31	
16MOD-0060 For 30 Degree Bend, Deduct	-57.94	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.21	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.17	
16139-0822 EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	221.87	93.91
16MOD-0059 For 60 Degree Bend, Deduct	-37.21	
16MOD-0060 For 30 Degree Bend, Deduct	-67.24	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.36	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.09	
16139-0823 EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	270.36	116.66
16MOD-0059 For 60 Degree Bend, Deduct	-44.51	
16MOD-0060 For 30 Degree Bend, Deduct	-80.66	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.32	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.52	
16139-0824 EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	316.65	135.33
16MOD-0059 For 60 Degree Bend, Deduct	-52.63	
16MOD-0060 For 30 Degree Bend, Deduct	-95.24	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.39	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.83	
16139-0825 EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	364.19	161.11
16MOD-0059 For 60 Degree Bend, Deduct	-58.43	
16MOD-0060 For 30 Degree Bend, Deduct	-106.34	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.00	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.21	
16139-0826 45 Degree, 36" Radius Horizontal Elbows <small>(16139-0785)</small>		
16139-0827 EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	162.24	54.52
16MOD-0059 For 60 Degree Bend, Deduct	-32.65	
16MOD-0060 For 30 Degree Bend, Deduct	-57.44	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.68	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.11	

16000 Electrical
16100 Basic Materials And Methods
16139 Cable Trays



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0828	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	183.28	66.21
	16MOD-0059	For 60 Degree Bend, Deduct	-35.10	
	16MOD-0060	For 30 Degree Bend, Deduct	-62.18	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.81	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.16	
16139-0829	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	202.54	76.85
	16MOD-0059	For 60 Degree Bend, Deduct	-37.38	
	16MOD-0060	For 30 Degree Bend, Deduct	-66.57	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.85	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.13	
16139-0830	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	247.89	99.47
	16MOD-0059	For 60 Degree Bend, Deduct	-43.66	
	16MOD-0060	For 30 Degree Bend, Deduct	-78.30	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.50	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.39	
16139-0831	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	308.95	125.18
	16MOD-0059	For 60 Degree Bend, Deduct	-53.96	
	16MOD-0060	For 30 Degree Bend, Deduct	-96.89	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.46	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.45	
16139-0832	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	351.30	146.95
	16MOD-0059	For 60 Degree Bend, Deduct	-59.59	
	16MOD-0060	For 30 Degree Bend, Deduct	-107.49	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.88	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.57	
16139-0833	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	413.48	177.88
	16MOD-0059	For 60 Degree Bend, Deduct	-68.26	
	16MOD-0060	For 30 Degree Bend, Deduct	-123.64	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.52	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.67	
16139-0834		90 Degree, 12" Radius Vertical Risers (16139-0785)		
16139-0835	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	192.02	70.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.33	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.60	
16139-0836	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	212.81	80.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.57	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.64	
16139-0837	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	228.28	88.97
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.42	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.41	
16139-0838	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	264.50	109.05
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.36	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	13.23	
16139-0839	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	295.49	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.12	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.77	
16139-0840	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	325.71	140.89
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.83	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.29	
16139-0841	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	361.67	160.82
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.76	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.08	
16139-0842		90 Degree, 24" Radius Vertical Risers (16139-0785)		
16139-0843	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	203.19	73.47
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.20	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.16	
16139-0844	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	225.00	84.53
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.46	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.25	
16139-0845	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	242.68	93.91
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.44	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.13	
16139-0846	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	285.28	116.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.81	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.26	
16139-0847	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	321.81	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.91	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.09	
16139-0848	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	357.72	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.97	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.89	
16139-0849	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	405.02	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.68	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.25	
16139-0850		90 Degree, 36" Radius Vertical Risers (16139-0785)		
16139-0851	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	252.80	76.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.88	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.64	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0852	EA 9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	275.76 -20.16 13.79	88.97
16139-0853	EA 12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	301.50 -21.86 15.08	99.47
16139-0854	EA 18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	349.76 -24.54 17.49	125.18
16139-0855	EA 24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	391.45 -26.90 19.57	146.95
16139-0856	EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	439.15 -29.83 21.96	169.07
16139-0857	EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	495.19 -32.97 24.76	198.65
16139-0858	12" Radius Horizontal Tees (16139-0785)		
16139-0859	EA 6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	311.55 -19.88 15.58	135.33
16139-0860	EA 9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	336.65 -21.42 16.83	146.95
16139-0861	EA 12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	349.10 -22.11 17.46	153.57
16139-0862	EA 18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	393.24 -25.24 19.66	169.07
16139-0863	EA 24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	435.56 -27.92 21.78	187.66
16139-0864	EA 30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	474.16 -30.83 23.71	199.01
16139-0865	EA 36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	546.22 -35.85 27.31	225.28
16139-0866	24" Radius Horizontal Tees (16139-0785)		
16139-0867	EA 6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	391.67 -26.92 19.58	146.95
16139-0868	EA 9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	423.67 -28.94 21.18	161.11
16139-0869	EA 12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	441.21 -30.03 22.06	169.07
16139-0870	EA 18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	486.35 -32.99 24.32	187.66
16139-0871	EA 24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	541.29 -36.52 27.06	211.34
16139-0872	EA 30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	582.91 -39.52 29.15	225.28
16139-0873	EA 36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	751.22 -53.43 37.56	260.30
16139-0874	36" Radius Horizontal Tees (16139-0785)		
16139-0875	EA 6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	475.87 -34.16 23.79	161.11
16139-0876	EA 9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	509.53 -36.13 25.48	177.88
16139-0877	EA 12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	545.60 -38.92 27.28	187.66
16139-0878	EA 18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	597.72 -42.16 29.89	211.34
16139-0879	EA 24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	672.98 -47.19 33.65	241.28

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16139-0880	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	776.62	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.97	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	38.83	
16139-0881	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	892.89	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.69	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	44.64	
16139-0882		12" Radius Vertical Tees <small>(16139-0785)</small>		
16139-0883	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	401.96	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.76	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.10	
16139-0884	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	415.82	130.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.74	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.79	
16139-0885	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	425.83	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.31	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	21.29	
16139-0886	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	449.52	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.71	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.48	
16139-0887	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	477.49	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.95	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	23.87	
16139-0888	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	507.52	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.66	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	25.38	
16139-0889	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	545.60	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.92	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.28	
16139-0890		24" Radius Vertical Tees <small>(16139-0785)</small>		
16139-0891	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	552.81	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.01	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.64	
16139-0892	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	566.37	140.89
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.90	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.32	
16139-0893	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	580.73	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.83	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.04	
16139-0894	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	614.13	161.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	30.71	
16139-0895	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	635.91	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.50	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.80	
16139-0896	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	675.40	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.90	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	33.77	
16139-0897	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	747.27	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.12	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.36	
16139-0898		36" Radius Vertical Tee <small>(16139-0785)</small>		
16139-0899	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	867.62	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.52	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	43.38	
16139-0900	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	886.75	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.88	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	44.34	
16139-0901	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	907.32	161.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.31	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	45.37	
16139-0902	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	943.44	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.52	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	47.17	
16139-0903	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	967.85	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-81.14	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	48.39	
16139-0904	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,031.52	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.54	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	51.58	
16139-0905	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,089.46	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.84	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	54.47	
16139-0906		12" Radius Horizontal Crosses <small>(16139-0785)</small>		
16139-0907	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	401.70	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.08	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.09	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0908	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.11	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.09	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	21.46	
16139-0909	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	446.84	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.04	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.34	
16139-0910	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	493.91	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.81	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.70	
16139-0911	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	543.40	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.56	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.17	
16139-0912	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	599.61	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.86	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.98	
16139-0913	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	680.68	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.38	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	34.03	
16139-0914		24" Radius Horizontal Crosses (16139-0785)		
16139-0915	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	542.78	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.64	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.14	
16139-0916	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	568.69	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.29	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.43	
16139-0917	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	596.31	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.02	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.82	
16139-0918	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	632.29	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.45	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.61	
16139-0919	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	713.13	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.62	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	35.66	
16139-0920	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	718.28	281.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.35	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	35.91	
16139-0921	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	792.27	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.63	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	39.61	
16139-0922		36" Radius Horizontal Crosses (16139-0785)		
16139-0923	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	623.12	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.70	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.16	
16139-0924	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	610.08	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.23	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	30.50	
16139-0925	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	650.73	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.97	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	32.54	
16139-0926	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	752.64	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.58	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.63	
16139-0927	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	907.00	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.10	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	45.35	
16139-0928	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,000.03	337.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.87	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	50.00	
16139-0929	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,113.49	376.04
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-80.01	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	55.67	
16139-0930		12" Radius Vertical Cross (16139-0785)		
16139-0931	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	401.70	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.08	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.09	
16139-0932	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.21	177.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.09	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	21.46	
16139-0933	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	446.79	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.04	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.34	
16139-0934	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	494.04	199.08
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.81	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.70	
16139-0935	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	543.40	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.56	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.17	

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16139-0936	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	599.79	241.35
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.64	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.99	
16139-0937	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	680.15	259.94
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.35	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	34.01	
16139-0938		24" Radius Vertical Crosses <small>(16139-0785)</small>		
16139-0939	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	542.78	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.64	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.14	
16139-0940	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	568.69	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.29	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.43	
16139-0941	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	596.31	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.02	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.82	
16139-0942	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	632.29	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.45	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.61	
16139-0943	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	713.13	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.62	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	35.66	
16139-0944	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	768.74	281.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.39	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	38.44	
16139-0945	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	849.16	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.32	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	42.46	
16139-0946		36" Radius Vertical Crosses <small>(16139-0785)</small>		
16139-0947	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	745.01	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.89	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.25	
16139-0948	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	784.66	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.69	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	39.23	
16139-0949	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	835.79	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.47	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	41.79	
16139-0950	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	896.12	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.92	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	44.81	
16139-0951	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,084.77	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.88	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	54.24	
16139-0952	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,196.84	337.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.55	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	59.84	
16139-0953	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,332.52	376.04
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-101.92	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	66.63	
16139-0954		6" Rung Tray Fittings <small>(16139-0743)</small>		
16139-0955		90 Degree, 12" Radius Horizontal Elbows <small>(16139-0954)</small>		
16139-0956	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	169.16	70.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.03	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.46	
16139-0957	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	186.87	80.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.98	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.34	
16139-0958	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	210.75	88.97
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.66	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.54	
16139-0959	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	252.08	109.05
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.12	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.60	
16139-0960	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	295.93	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.16	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.80	
16139-0961	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	327.29	140.89
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.36	
16139-0962	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	380.39	161.04
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.62	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.02	
16139-0963		90 Degree, 24" Radius Horizontal Elbows <small>(16139-0954)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0964 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	213.63	73.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.24	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	10.68	
16139-0965 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	235.85	84.46
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.55	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.79	
16139-0966 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	256.17	93.91
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.79	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.81	
16139-0967 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	302.48	116.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.53	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.12	
16139-0968 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	344.00	135.33
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.20	
16139-0969 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	385.56	153.57
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.76	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.28	
16139-0970 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	442.35	177.88
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.41	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	22.12	
16139-0971 90 Degree, 36" Radius Horizontal Elbows (16139-0954)		
16139-0972 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	228.27	76.78
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.43	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.41	
16139-0973 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	251.00	88.90
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.69	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.55	
16139-0974 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	280.45	99.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.75	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.02	
16139-0975 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	337.60	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.33	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	16.88	
16139-0976 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	390.80	146.95
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.83	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.54	
16139-0977 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	441.97	169.07
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.11	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	22.10	
16139-0978 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	514.67	198.65
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.92	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	25.73	
16139-0979 45 Degree, 12" Radius Horizontal Elbows (16139-0954)		
16139-0980 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	119.18	51.21
16MOD-0061 For 60 Degree Bend, Deduct	-19.71	
16MOD-0062 For 30 Degree Bend, Deduct	-35.69	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.65	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	5.96	
16139-0981 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	137.49	61.43
16MOD-0061 For 60 Degree Bend, Deduct	-21.84	
16MOD-0062 For 30 Degree Bend, Deduct	-39.80	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.63	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	6.87	
16139-0982 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	153.88	70.45
16MOD-0061 For 60 Degree Bend, Deduct	-23.78	
16MOD-0062 For 30 Degree Bend, Deduct	-43.54	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.52	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.69	
16139-0983 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	191.35	89.04
16MOD-0061 For 60 Degree Bend, Deduct	-29.02	
16MOD-0062 For 30 Degree Bend, Deduct	-53.31	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.72	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.57	
16139-0984 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	235.15	109.05
16MOD-0061 For 60 Degree Bend, Deduct	-35.80	
16MOD-0062 For 30 Degree Bend, Deduct	-65.72	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.43	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.76	
16139-0985 EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	269.88	125.18
16MOD-0061 For 60 Degree Bend, Deduct	-41.07	
16MOD-0062 For 30 Degree Bend, Deduct	-75.40	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.55	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.49	
16139-0986 EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	308.75	146.95
16MOD-0061 For 60 Degree Bend, Deduct	-45.55	
16MOD-0062 For 30 Degree Bend, Deduct	-84.08	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.63	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.44	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-0987		45 Degree, 24" Radius Horizontal Elbows <small>(16139-0954)</small>		
16139-0988	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	133.59	52.84
	16MOD-0061	For 60 Degree Bend, Deduct	-23.84	
	16MOD-0062	For 30 Degree Bend, Deduct	-42.67	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.96	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	6.68	
16139-0989	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	156.95	63.69
	16MOD-0061	For 60 Degree Bend, Deduct	-27.38	
	16MOD-0062	For 30 Degree Bend, Deduct	-49.17	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.39	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.85	
16139-0990	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	174.64	73.54
	16MOD-0061	For 60 Degree Bend, Deduct	-29.44	
	16MOD-0062	For 30 Degree Bend, Deduct	-53.16	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.34	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.73	
16139-0991	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	212.54	93.91
	16MOD-0061	For 60 Degree Bend, Deduct	-34.13	
	16MOD-0062	For 30 Degree Bend, Deduct	-62.11	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.43	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.63	
16139-0992	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	259.51	116.66
	16MOD-0061	For 60 Degree Bend, Deduct	-40.93	
	16MOD-0062	For 30 Degree Bend, Deduct	-74.69	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.23	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.98	
16139-0993	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	303.63	135.33
	16MOD-0061	For 60 Degree Bend, Deduct	-48.34	
	16MOD-0062	For 30 Degree Bend, Deduct	-88.08	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.09	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.18	
16139-0994	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	350.52	161.11
	16MOD-0061	For 60 Degree Bend, Deduct	-53.92	
	16MOD-0062	For 30 Degree Bend, Deduct	-98.82	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.63	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.53	
16139-0995		45 Degree, 36" Radius Horizontal Elbows <small>(16139-0954)</small>		
16139-0996	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	152.04	54.52
	16MOD-0061	For 60 Degree Bend, Deduct	-29.28	
	16MOD-0062	For 30 Degree Bend, Deduct	-51.83	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.66	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.60	
16139-0997	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	172.86	66.21
	16MOD-0061	For 60 Degree Bend, Deduct	-31.66	
	16MOD-0062	For 30 Degree Bend, Deduct	-56.45	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.77	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.64	
16139-0998	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	191.90	76.85
	16MOD-0061	For 60 Degree Bend, Deduct	-33.87	
	16MOD-0062	For 30 Degree Bend, Deduct	-60.71	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.79	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.60	
16139-0999	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	236.17	99.47
	16MOD-0061	For 60 Degree Bend, Deduct	-39.79	
	16MOD-0062	For 30 Degree Bend, Deduct	-71.85	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.33	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.81	
16139-1000	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	294.62	125.18
	16MOD-0061	For 60 Degree Bend, Deduct	-49.23	
	16MOD-0062	For 30 Degree Bend, Deduct	-89.01	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.03	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.73	
16139-1001	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	336.10	146.95
	16MOD-0061	For 60 Degree Bend, Deduct	-54.58	
	16MOD-0062	For 30 Degree Bend, Deduct	-99.13	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.36	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.81	
16139-1002	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	396.77	177.88
	16MOD-0061	For 60 Degree Bend, Deduct	-62.74	
	16MOD-0062	For 30 Degree Bend, Deduct	-114.45	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.85	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.84	
16139-1003		90 Degree, 12" Radius Vertical Risers <small>(16139-0954)</small>		
16139-1004	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	186.05	70.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.73	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.30	
16139-1005	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	206.52	80.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.95	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.33	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1006	EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	221.88 -14.78 11.09	88.97
16139-1007	EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	257.88 -16.70 12.89	109.05
16139-1008	EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	288.55 -18.42 14.43	125.18
16139-1009	EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	318.44 -20.10 15.92	140.89
16139-1010	EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	354.18 -22.02 17.71	160.82
16139-1011	90 Degree, 24" Radius Vertical Risers (16139-0954)		
16139-1012	EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	196.73 -13.55 9.84	73.47
16139-1013	EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	218.27 -14.78 10.91	84.53
16139-1014	EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	235.79 -15.75 11.79	93.91
16139-1015	EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	278.01 -18.08 13.90	116.66
16139-1016	EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	314.10 -20.14 15.71	135.33
16139-1017	EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	349.59 -22.16 17.48	153.57
16139-1018	EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	396.34 -24.81 19.82	177.88
16139-1019	90 Degree, 36" Radius Vertical Risers (16139-0954)		
16139-1020	EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	242.81 -17.88 12.14	76.78
16139-1021	EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	265.56 -19.14 13.28	88.97
16139-1022	EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	290.65 -20.77 14.53	99.47
16139-1023	EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	338.47 -23.41 16.92	125.18
16139-1024	EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	379.73 -25.73 18.99	146.95
16139-1025	EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	426.56 -28.57 21.33	169.07
16139-1026	EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	482.06 -31.65 24.10	198.65
16139-1027	12" Radius Horizontal Tees (16139-0954)		
16139-1028	EA 6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	304.93 -19.22 15.25	135.33
16139-1029	EA 9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	329.59 -20.71 16.48	146.95
16139-1030	EA 12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	341.93 -21.39 17.10	153.57
16139-1031	EA 18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	384.66 -24.38 19.23	169.07
16139-1032	EA 24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	426.11 -26.97 21.31	187.66
16139-1033	EA 30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	463.20 -29.74 23.16	199.01

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1034 EA 36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	533.09	225.28
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.53	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.65	
16139-1035 24" Radius Horizontal Tees (16139-0954)		
16139-1036 EA 6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	380.38	146.95
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.79	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.02	
16139-1037 EA 9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	411.73	161.11
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.75	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.59	
16139-1038 EA 12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	428.94	169.07
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.81	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	21.45	
16139-1039 EA 18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	473.00	187.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.66	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.65	
16139-1040 EA 24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	526.74	211.34
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.06	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.34	
16139-1041 EA 30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	566.95	225.28
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.92	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	28.35	
16139-1042 EA 36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	726.81	260.30
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.99	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	36.34	
16139-1043 36" Radius Horizontal Tees (16139-0954)		
16139-1044 EA 6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	459.91	161.11
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.57	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.00	
16139-1045 EA 9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	493.14	177.88
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.49	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.66	
16139-1046 EA 12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	527.70	187.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.39	
16139-1047 EA 18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	578.84	211.34
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.27	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	28.94	
16139-1048 EA 24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	652.14	241.28
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.11	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	32.61	
16139-1049 EA 30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	750.25	260.30
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.34	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	37.51	
16139-1050 EA 36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	863.59	307.15
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.76	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	43.18	
16139-1051 12" Radius Vertical Tees (16139-0954)		
16139-1052 EA 6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	387.09	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.28	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.35	
16139-1053 EA 9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	400.52	130.11
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.21	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.03	
16139-1054 EA 12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	410.42	135.33
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.77	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.52	
16139-1055 EA 18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	433.78	146.95
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	21.69	
16139-1056 EA 24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	460.45	153.57
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.25	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.02	
16139-1057 EA 30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	490.15	169.07
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.93	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.51	
16139-1058 EA 36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	527.70	187.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.39	
16139-1059 24" Radius Vertical Tees (16139-0954)		
16139-1060 EA 6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	527.63	135.33
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.49	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.38	
16139-1061 EA 9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	540.87	140.89
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.35	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.04	



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16139-1062	EA 12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	554.90 -43.24 27.75	146.95
16139-1063	EA 18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	587.54 -45.33 29.38	161.11
16139-1064	EA 24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	608.67 -46.78 30.43	169.07
16139-1065	EA 30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	647.51 -49.11 32.38	187.66
16139-1066	EA 36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	716.88 -54.08 35.84	211.34
16139-1067	36" Radius Vertical Tees (16139-0954)		
16139-1068	EA 6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	819.73 -69.73 40.99	146.95
16139-1069	EA 9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	838.23 -71.02 41.91	153.57
16139-1070	EA 12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	858.18 -72.39 42.91	161.11
16139-1071	EA 18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	893.68 -74.54 44.68	177.88
16139-1072	EA 24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	917.46 -76.11 45.87	187.66
16139-1073	EA 30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	979.27 -80.32 48.96	211.34
16139-1074	EA 36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	1,036.59 -83.55 51.83	241.28
16139-1075	12" Radius Horizontal Crosses (16139-0954)		
16139-1076	EA 6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	392.48 -25.16 19.62	169.07
16139-1077	EA 9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	418.91 -27.07 20.95	177.88
16139-1078	EA 12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	436.53 -28.01 21.83	187.66
16139-1079	EA 18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	481.43 -31.56 24.07	199.01
16139-1080	EA 24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	530.49 -34.27 26.52	225.28
16139-1081	EA 30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	584.42 -38.34 29.22	241.28
16139-1082	EA 36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	661.69 -44.48 33.08	260.30
16139-1083	24" Radius Horizontal Crosses (16139-0954)		
16139-1084	EA 6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	525.09 -36.87 26.25	187.66
16139-1085	EA 9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	550.45 -38.46 27.52	199.01
16139-1086	EA 12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	577.53 -40.14 28.88	211.34
16139-1087	EA 18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	612.54 -42.48 30.63	225.28
16139-1088	EA 24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	691.64 -47.48 34.58	260.30
16139-1089	EA 30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray 16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct 16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	745.74 -51.09 37.29	281.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1090	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	823.22	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.72	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	41.16	
16139-1091		36" Radius Horizontal Crosses (16139-0954)		
16139-1092	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	602.28	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.62	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	30.11	
16139-1093	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	635.98	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.82	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.80	
16139-1094	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	678.19	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.71	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	33.91	
16139-1095	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	728.11	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.12	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	36.41	
16139-1096	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	876.61	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.06	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	43.83	
16139-1097	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	966.38	337.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.51	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	48.32	
16139-1098	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,076.05	376.04
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.27	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	53.80	
16139-1099		12" Radius Vertical Crosses (16139-0954)		
16139-1100	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	392.48	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.16	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.62	
16139-1101	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	419.01	177.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.07	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.95	
16139-1102	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	436.48	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.01	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	21.82	
16139-1103	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	481.56	199.08
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.57	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.08	
16139-1104	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	530.49	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.27	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	26.52	
16139-1105	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	584.60	241.35
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.35	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.23	
16139-1106	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	661.16	259.94
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.45	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	33.06	
16139-1107		24" Radius Vertical Crosses (16139-0954)		
16139-1108	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	525.09	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.87	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	26.25	
16139-1109	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	550.45	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.46	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.52	
16139-1110	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	577.53	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.14	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.88	
16139-1111	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	612.54	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.48	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	30.63	
16139-1112	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	691.64	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.48	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	34.58	
16139-1113	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	745.74	281.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.09	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.29	
16139-1114	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	823.22	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.72	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	41.16	
16139-1115		36" Radius Vertical Crosses (16139-0954)		
16139-1116	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	714.80	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.87	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	35.74	
16139-1117	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	753.19	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.54	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1118 EA 12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	802.43	241.28
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.14	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	40.12	
16139-1119 EA 18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	860.56	260.30
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.37	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	43.03	
16139-1120 EA 24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,040.71	307.15
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.47	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	52.04	
16139-1121 EA 30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,148.06	337.58
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.67	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	57.40	
16139-1122 EA 36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,278.23	376.04
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-96.49	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	63.91	
16139-1123 9" Rung Tray Fittings (16139-0743)		
16139-1124 90 Degree, 12" Radius Horizontal Elbows (16139-1123)		
16139-1125 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	160.59	70.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.17	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.03	
16139-1126 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	178.08	80.45
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.10	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.90	
16139-1127 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	200.33	88.97
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.62	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	10.02	
16139-1128 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	240.36	109.05
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.95	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.02	
16139-1129 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	281.38	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.70	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.07	
16139-1130 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	311.87	140.89
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.45	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.59	
16139-1131 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	361.72	161.04
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.75	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.09	
16139-1132 90 Degree, 24" Radius Horizontal Elbows (16139-1123)		
16139-1133 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	198.44	73.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.72	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.92	
16139-1134 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	220.01	84.46
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.96	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.00	
16139-1135 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	239.56	93.91
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.98	
16139-1136 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	284.47	116.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.73	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.22	
16139-1137 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	324.25	135.33
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.15	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	16.21	
16139-1138 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	363.97	153.57
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.60	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.20	
16139-1139 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	418.04	177.88
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.98	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.90	
16139-1140 90 Degree, 36" Radius Horizontal Elbows (16139-1123)		
16139-1141 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	211.56	76.78
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.76	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	10.58	
16139-1142 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	233.86	88.90
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.98	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.69	
16139-1143 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	261.34	99.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.84	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.07	
16139-1144 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	316.11	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.18	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.81	
16139-1145 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	366.49	146.95
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.40	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.32	

16000 Electrical
16100 Basic Materials And Methods
16139 Cable Trays



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1146	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	415.27	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.44	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.76	
16139-1147	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	484.06	198.65
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.85	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.20	
16139-1148		45 Degree, 12" Radius Horizontal Elbows <small>(16139-1123)</small>		
16139-1149	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	113.54	51.21
	16MOD-0063	For 60 Degree Bend, Deduct	-17.84	
	16MOD-0064	For 30 Degree Bend, Deduct	-32.59	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.09	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	5.68	
16139-1150	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	131.63	61.43
	16MOD-0063	For 60 Degree Bend, Deduct	-19.90	
	16MOD-0064	For 30 Degree Bend, Deduct	-36.58	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.05	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	6.58	
16139-1151	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	147.80	70.45
	16MOD-0063	For 60 Degree Bend, Deduct	-21.77	
	16MOD-0064	For 30 Degree Bend, Deduct	-40.20	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.91	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.39	
16139-1152	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	184.18	89.04
	16MOD-0063	For 60 Degree Bend, Deduct	-26.65	
	16MOD-0064	For 30 Degree Bend, Deduct	-49.37	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.00	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.21	
16139-1153	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	226.25	109.05
	16MOD-0063	For 60 Degree Bend, Deduct	-32.86	
	16MOD-0064	For 30 Degree Bend, Deduct	-60.83	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.54	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.31	
16139-1154	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	259.68	125.18
	16MOD-0063	For 60 Degree Bend, Deduct	-37.70	
	16MOD-0064	For 30 Degree Bend, Deduct	-69.79	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.53	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.98	
16139-1155	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	298.12	146.95
	16MOD-0063	For 60 Degree Bend, Deduct	-42.04	
	16MOD-0064	For 30 Degree Bend, Deduct	-78.24	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.57	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.91	
16139-1156		45 Degree, 24" Radius Horizontal Elbows <small>(16139-1123)</small>		
16139-1157	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	125.99	52.84
	16MOD-0063	For 60 Degree Bend, Deduct	-21.33	
	16MOD-0064	For 30 Degree Bend, Deduct	-38.49	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.20	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	6.30	
16139-1158	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	148.49	63.69
	16MOD-0063	For 60 Degree Bend, Deduct	-24.58	
	16MOD-0064	For 30 Degree Bend, Deduct	-44.51	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.54	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.42	
16139-1159	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	165.96	73.54
	16MOD-0063	For 60 Degree Bend, Deduct	-26.58	
	16MOD-0064	For 30 Degree Bend, Deduct	-48.39	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.47	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.30	
16139-1160	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	203.21	93.91
	16MOD-0063	For 60 Degree Bend, Deduct	-31.06	
	16MOD-0064	For 30 Degree Bend, Deduct	-56.98	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.49	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.16	
16139-1161	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	248.65	116.66
	16MOD-0063	For 60 Degree Bend, Deduct	-37.34	
	16MOD-0064	For 30 Degree Bend, Deduct	-68.72	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.15	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.43	
16139-1162	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	290.61	135.33
	16MOD-0063	For 60 Degree Bend, Deduct	-44.04	
	16MOD-0064	For 30 Degree Bend, Deduct	-80.91	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.79	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.53	
16139-1163	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	336.84	161.11
	16MOD-0063	For 60 Degree Bend, Deduct	-49.41	
	16MOD-0064	For 30 Degree Bend, Deduct	-91.30	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.26	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.84	

16139-1164 45 Degree, 36" Radius Horizontal Elbows (16139-1123)



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1165	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	141.84	54.52
	16MOD-0063	For 60 Degree Bend, Deduct	-25.92	
	16MOD-0064	For 30 Degree Bend, Deduct	-46.22	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.64	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.09	
16139-1166	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	162.44	66.21
	16MOD-0063	For 60 Degree Bend, Deduct	-28.22	
	16MOD-0064	For 30 Degree Bend, Deduct	-50.72	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.73	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.12	
16139-1167	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	181.27	76.85
	16MOD-0063	For 60 Degree Bend, Deduct	-30.36	
	16MOD-0064	For 30 Degree Bend, Deduct	-54.87	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.72	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.06	
16139-1168	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	224.45	99.47
	16MOD-0063	For 60 Degree Bend, Deduct	-35.93	
	16MOD-0064	For 30 Degree Bend, Deduct	-65.40	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.15	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.22	
16139-1169	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	280.30	125.18
	16MOD-0063	For 60 Degree Bend, Deduct	-44.50	
	16MOD-0064	For 30 Degree Bend, Deduct	-81.13	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.60	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.02	
16139-1170	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	320.91	146.95
	16MOD-0063	For 60 Degree Bend, Deduct	-49.56	
	16MOD-0064	For 30 Degree Bend, Deduct	-90.77	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.84	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.05	
16139-1171	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	380.06	177.88
	16MOD-0063	For 60 Degree Bend, Deduct	-57.23	
	16MOD-0064	For 30 Degree Bend, Deduct	-105.26	
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.18	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.00	
16139-1172		90 Degree, 12" Radius Vertical Risers <small>(16139-1123)</small>		
16139-1173	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	177.10	70.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.84	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.86	
16139-1174	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.08	80.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.00	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.85	
16139-1175	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	212.27	88.97
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.82	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.61	
16139-1176	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	247.95	109.05
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.71	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.40	
16139-1177	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	278.13	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.38	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	13.91	
16139-1178	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	307.53	140.89
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.01	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.38	
16139-1179	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	342.94	160.82
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.89	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.15	
16139-1180		90 Degree, 24" Radius Vertical Risers <small>(16139-1123)</small>		
16139-1181	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	187.04	73.47
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.58	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.35	
16139-1182	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	208.18	84.53
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.77	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.41	
16139-1183	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	225.46	93.91
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.72	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.27	
16139-1184	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	267.10	116.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	13.36	
16139-1185	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	302.54	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.98	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.13	
16139-1186	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	337.38	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.94	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.87	
16139-1187	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	383.31	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.51	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.17	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1188		90 Degree, 36" Radius Vertical Risers <small>(16139-1123)</small>		
16139-1189	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	227.84	76.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.38	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.39	
16139-1190	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	250.26	88.97
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.61	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.51	
16139-1191	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	274.37	99.47
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.15	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	13.72	
16139-1192	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	321.54	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.72	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.08	
16139-1193	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	362.15	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.97	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.11	
16139-1194	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	407.67	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.68	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.38	
16139-1195	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	462.36	198.65
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.68	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	23.12	
16139-1196		12" Radius Horizontal Tees <small>(16139-1123)</small>		
16139-1197	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	291.69	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.89	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.58	
16139-1198	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	315.48	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.30	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.77	
16139-1199	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	327.61	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.96	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.38	
16139-1200	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	367.52	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.66	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.38	
16139-1201	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	407.23	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.08	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.36	
16139-1202	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	441.27	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.54	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.06	
16139-1203	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	506.83	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.91	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	25.34	
16139-1204		24" Radius Horizontal Tees <small>(16139-1123)</small>		
16139-1205	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	357.81	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.53	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.89	
16139-1206	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	387.85	161.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.36	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.39	
16139-1207	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	404.42	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.35	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.22	
16139-1208	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	446.30	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.32	
16139-1209	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	497.66	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.15	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.88	
16139-1210	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	535.05	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.73	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	26.75	
16139-1211	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	677.97	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.11	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	33.90	
16139-1212		36" Radius Horizontal Tees <small>(16139-1123)</small>		
16139-1213	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	428.01	161.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.38	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	21.40	
16139-1214	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	460.37	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.21	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	23.02	
16139-1215	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	491.88	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.55	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.59	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1216	EA 18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	541.07	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.50	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.05	
16139-1217	EA 24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	610.46	241.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.94	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	30.52	
16139-1218	EA 30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	697.50	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.06	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	34.88	
16139-1219	EA 36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	804.99	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.90	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	40.25	
16139-1220	12" Radius Vertical Tees <small>(16139-1123)</small>		
16139-1221	EA 6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	357.35	125.18
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.30	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.87	
16139-1222	EA 9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	369.91	130.11
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.15	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.50	
16139-1223	EA 12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	379.60	135.33
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.69	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.98	
16139-1224	EA 18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	402.31	146.95
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.98	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.12	
16139-1225	EA 24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	426.37	153.57
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.84	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	21.32	
16139-1226	EA 30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	455.42	169.07
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.45	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	22.77	
16139-1227	EA 36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	491.88	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.55	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.59	
16139-1228	24" Radius Vertical Tees <small>(16139-1123)</small>		
16139-1229	EA 6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	477.27	135.33
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.45	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.86	
16139-1230	EA 9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	489.86	140.89
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.25	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.49	
16139-1231	EA 12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	503.24	146.95
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.08	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	25.16	
16139-1232	EA 18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	534.36	161.11
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.01	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.72	
16139-1233	EA 24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	554.19	169.07
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.33	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.71	
16139-1234	EA 30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	591.73	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.53	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	29.59	
16139-1235	EA 36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	656.11	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.00	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	32.81	
16139-1236	36" Radius Vertical Tees <small>(16139-1123)</small>		
16139-1237	EA 6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	723.93	146.95
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.15	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	36.20	
16139-1238	EA 9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	741.19	153.57
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.32	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	37.06	
16139-1239	EA 12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	759.90	161.11
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.57	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	38.00	
16139-1240	EA 18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	794.15	177.88
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.59	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	39.71	
16139-1241	EA 24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	816.68	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.03	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	40.83	
16139-1242	EA 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	874.76	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.86	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	43.74	
16139-1243	EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	930.84	241.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.98	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	46.54	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1244		12" Radius Horizontal Crosses <small>(16139-1123)</small>		
16139-1245	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	374.03	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.31	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.70	
16139-1246	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	398.51	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.03	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.93	
16139-1247	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	415.91	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.95	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.80	
16139-1248	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	456.47	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.06	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.82	
16139-1249	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	504.66	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.69	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	25.23	
16139-1250	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	554.03	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.30	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.70	
16139-1251	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	623.70	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.68	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.19	
16139-1252		24" Radius Horizontal Crosses <small>(16139-1123)</small>		
16139-1253	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	489.71	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.33	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.49	
16139-1254	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	513.99	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.82	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	25.70	
16139-1255	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	539.98	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.39	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.00	
16139-1256	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	573.03	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.53	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.65	
16139-1257	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	648.67	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.18	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	32.43	
16139-1258	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	699.72	281.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.49	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	34.99	
16139-1259	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	771.34	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.54	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	38.57	
16139-1260		36" Radius Horizontal Crosses <small>(16139-1123)</small>		
16139-1261	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	560.60	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.45	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.03	
16139-1262	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	592.57	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.48	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	29.63	
16139-1263	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	632.17	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.11	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.61	
16139-1264	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	679.05	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.22	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	33.95	
16139-1265	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	815.84	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	40.79	
16139-1266	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	899.10	337.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.78	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	44.96	
16139-1267	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,001.16	376.04
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.78	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	50.06	
16139-1268		12" Radius Vertical Crosses <small>(16139-1123)</small>		
16139-1269	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	374.03	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.31	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.70	
16139-1270	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	398.51	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.03	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.93	
16139-1271	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	415.91	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.95	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.80	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1272	EA 18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	456.47	199.01
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.06	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	22.82	
16139-1273	EA 24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	504.66	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.69	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	25.23	
16139-1274	EA 30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	554.03	241.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.30	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.70	
16139-1275	EA 36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	622.63	259.59
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.63	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	31.13	
16139-1276	24" Radius Vertical Crosses <small>(16139-1123)</small>		
16139-1277	EA 6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	489.71	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.33	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.49	
16139-1278	EA 9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	513.99	199.01
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.82	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	25.70	
16139-1279	EA 12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	539.98	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.39	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.00	
16139-1280	EA 18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	573.03	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.53	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	28.65	
16139-1281	EA 24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	648.67	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.18	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	32.43	
16139-1282	EA 30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	699.72	281.78
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.49	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	34.99	
16139-1283	EA 36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	771.34	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.54	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	38.57	
16139-1284	36" Radius Vertical Crosses <small>(16139-1123)</small>		
16139-1285	EA 6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	654.37	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.83	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	32.72	
16139-1286	EA 9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	690.24	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.25	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	34.51	
16139-1287	EA 12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	735.71	241.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.47	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	36.79	
16139-1288	EA 18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	789.43	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.25	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	39.47	
16139-1289	EA 24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	952.58	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.66	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	47.63	
16139-1290	EA 30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,050.49	337.58
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.92	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	52.52	
16139-1291	EA 36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,169.65	376.04
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.63	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	58.48	
16139-1292	12" Rung Tray Fittings <small>(16139-0743)</small>		
16139-1293	90 Degree, 12" Radius Horizontal Elbows <small>(16139-1292)</small>		
16139-1294	EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	157.59	70.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.87	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.88	
16139-1295	EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	175.01	80.45
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.79	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.75	
16139-1296	EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	196.69	88.97
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.26	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.83	
16139-1297	EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	236.25	109.05
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.54	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.81	
16139-1298	EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	276.29	125.18
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.20	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.81	
16139-1299	EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	306.48	140.89
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.91	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.32	

16000 Electrical
16100 Basic Materials And Methods
16139 Cable Trays



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1300 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	355.19	161.04
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.10	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.76	
16139-1301 90 Degree, 24" Radius Horizontal Elbows (16139-1292)		
16139-1302 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	193.12	73.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.19	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.66	
16139-1303 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	214.46	84.46
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.41	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	10.72	
16139-1304 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	233.75	93.91
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.55	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.69	
16139-1305 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	278.16	116.66
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.10	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.91	
16139-1306 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	317.34	135.33
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.46	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.87	
16139-1307 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	356.41	153.57
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.84	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.82	
16139-1308 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	409.53	177.88
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.13	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.48	
16139-1309 90 Degree, 36" Radius Horizontal Elbows (16139-1292)		
16139-1310 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	205.71	76.78
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.17	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	10.29	
16139-1311 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	227.86	88.90
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.38	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.39	
16139-1312 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	254.66	99.47
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.17	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.73	
16139-1313 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	308.59	125.18
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.43	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.43	
16139-1314 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	357.98	146.95
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.55	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.90	
16139-1315 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	405.93	169.07
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.50	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.30	
16139-1316 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	473.35	198.65
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.78	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.67	
16139-1317 45 Degree, 12" Radius Horizontal Elbows (16139-1292)		
16139-1318 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	111.56	51.21
16MOD-0065 For 60 Degree Bend, Deduct	-17.19	
16MOD-0066 For 30 Degree Bend, Deduct	-31.50	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-6.89	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	5.58	
16139-1319 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	129.58	61.43
16MOD-0065 For 60 Degree Bend, Deduct	-19.23	
16MOD-0066 For 30 Degree Bend, Deduct	-35.45	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.84	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	6.48	
16139-1320 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	145.67	70.45
16MOD-0065 For 60 Degree Bend, Deduct	-21.07	
16MOD-0066 For 30 Degree Bend, Deduct	-39.03	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.70	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.28	
16139-1321 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	181.68	89.04
16MOD-0065 For 60 Degree Bend, Deduct	-25.83	
16MOD-0066 For 30 Degree Bend, Deduct	-47.99	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.75	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	9.08	
16139-1322 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	223.13	109.05
16MOD-0065 For 60 Degree Bend, Deduct	-31.83	
16MOD-0066 For 30 Degree Bend, Deduct	-59.11	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.23	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.16	
16139-1323 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	256.11	125.18
16MOD-0065 For 60 Degree Bend, Deduct	-36.52	
16MOD-0066 For 30 Degree Bend, Deduct	-67.83	
16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.18	
16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.81	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1324	EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	294.40	146.95
	16MOD-0065 For 60 Degree Bend, Deduct	-40.82	
	16MOD-0066 For 30 Degree Bend, Deduct	-76.19	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.19	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.72	
16139-1325	45 Degree, 24" Radius Horizontal Elbows <small>(16139-1292)</small>		
16139-1326	EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	123.34	52.84
	16MOD-0065 For 60 Degree Bend, Deduct	-20.46	
	16MOD-0066 For 30 Degree Bend, Deduct	-37.03	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.93	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	6.17	
16139-1327	EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	145.52	63.69
	16MOD-0065 For 60 Degree Bend, Deduct	-23.60	
	16MOD-0066 For 30 Degree Bend, Deduct	-42.88	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.24	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.28	
16139-1328	EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	162.92	73.54
	16MOD-0065 For 60 Degree Bend, Deduct	-25.58	
	16MOD-0066 For 30 Degree Bend, Deduct	-46.71	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.16	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.15	
16139-1329	EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	199.94	93.91
	16MOD-0065 For 60 Degree Bend, Deduct	-29.98	
	16MOD-0066 For 30 Degree Bend, Deduct	-55.18	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.17	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	10.00	
16139-1330	EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	244.86	116.66
	16MOD-0065 For 60 Degree Bend, Deduct	-36.09	
	16MOD-0066 For 30 Degree Bend, Deduct	-66.64	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.77	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	12.24	
16139-1331	EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	286.05	135.33
	16MOD-0065 For 60 Degree Bend, Deduct	-42.53	
	16MOD-0066 For 30 Degree Bend, Deduct	-78.41	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.33	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	14.30	
16139-1332	EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	332.06	161.11
	16MOD-0065 For 60 Degree Bend, Deduct	-47.83	
	16MOD-0066 For 30 Degree Bend, Deduct	-88.67	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.78	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	16.60	
16139-1333	45 Degree, 36" Radius Horizontal Elbows <small>(16139-1292)</small>		
16139-1334	EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	138.27	54.52
	16MOD-0065 For 60 Degree Bend, Deduct	-24.74	
	16MOD-0066 For 30 Degree Bend, Deduct	-44.26	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.29	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	6.91	
16139-1335	EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	158.80	66.21
	16MOD-0065 For 60 Degree Bend, Deduct	-27.02	
	16MOD-0066 For 30 Degree Bend, Deduct	-48.72	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.36	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	7.94	
16139-1336	EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	177.55	76.85
	16MOD-0065 For 60 Degree Bend, Deduct	-29.13	
	16MOD-0066 For 30 Degree Bend, Deduct	-52.82	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.35	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	8.88	
16139-1337	EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	220.34	99.47
	16MOD-0065 For 60 Degree Bend, Deduct	-34.57	
	16MOD-0066 For 30 Degree Bend, Deduct	-63.14	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.74	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	11.02	
16139-1338	EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	275.28	125.18
	16MOD-0065 For 60 Degree Bend, Deduct	-42.85	
	16MOD-0066 For 30 Degree Bend, Deduct	-78.37	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.09	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	13.76	
16139-1339	EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	315.59	146.95
	16MOD-0065 For 60 Degree Bend, Deduct	-47.81	
	16MOD-0066 For 30 Degree Bend, Deduct	-87.85	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.31	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	15.78	
16139-1340	EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	374.21	177.88
	16MOD-0065 For 60 Degree Bend, Deduct	-55.30	
	16MOD-0066 For 30 Degree Bend, Deduct	-102.04	
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.60	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.71	
16139-1341	90 Degree, 12" Radius Vertical Risers <small>(16139-1292)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1342	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	171.13	70.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.24	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.56	
16139-1343	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	190.78	80.45
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.37	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.54	
16139-1344	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	205.87	88.97
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.18	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.29	
16139-1345	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	241.33	109.05
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.05	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.07	
16139-1346	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	271.18	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.68	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	13.56	
16139-1347	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	300.26	140.89
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.29	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.01	
16139-1348	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	335.46	160.82
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.14	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.77	
16139-1349		90 Degree, 24" Radius Vertical Risers (16139-1292)		
16139-1350	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	180.59	73.47
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.94	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.03	
16139-1351	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	201.45	84.53
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.10	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.07	
16139-1352	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	218.56	93.91
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.03	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.93	
16139-1353	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	259.83	116.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.26	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.99	
16139-1354	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	294.84	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.21	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.74	
16139-1355	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	329.24	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.13	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.46	
16139-1356	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	374.63	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.64	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.73	
16139-1357		90 Degree, 36" Radius Vertical Risers (16139-1292)		
16139-1358	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	217.85	76.78
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.39	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.89	
16139-1359	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	240.05	88.97
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.59	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	12.00	
16139-1360	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	263.52	99.47
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.06	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	13.18	
16139-1361	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	310.25	125.18
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.59	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.51	
16139-1362	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	350.43	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.80	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.52	
16139-1363	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	395.08	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.42	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.75	
16139-1364	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	449.23	198.65
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.37	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.46	
16139-1365		12" Radius Horizontal Tees (16139-1292)		
16139-1366	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	285.07	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.23	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	14.25	
16139-1367	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	308.43	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.60	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	15.42	
16139-1368	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	320.45	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.25	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	16.02	
16139-1369	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	358.94	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.81	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	17.95	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1370	EA 24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	397.79	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.14	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.89	
16139-1371	EA 30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	430.31	199.01
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.45	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	21.52	
16139-1372	EA 36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	493.70	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.59	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.69	
16139-1373	24" Radius Horizontal Tees (16139-1292)		
16139-1374	EA 6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	346.52	146.95
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.41	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.33	
16139-1375	EA 9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	375.91	161.11
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.17	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.80	
16139-1376	EA 12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	392.15	169.07
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.13	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.61	
16139-1377	EA 18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	432.95	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.65	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	21.65	
16139-1378	EA 24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	483.11	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.70	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.16	
16139-1379	EA 30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	519.09	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.13	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	25.95	
16139-1380	EA 36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	653.55	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.67	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	32.68	
16139-1381	36" Radius Horizontal Tees (16139-1292)		
16139-1382	EA 6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	412.05	161.11
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.78	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.60	
16139-1383	EA 9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	443.98	177.88
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.57	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	22.20	
16139-1384	EA 12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	473.97	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.76	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.70	
16139-1385	EA 18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	522.18	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.61	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.11	
16139-1386	EA 24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	589.63	241.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.86	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	29.48	
16139-1387	EA 30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	671.13	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.42	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	33.56	
16139-1388	EA 36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	775.68	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.97	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	38.78	
16139-1389	12" Radius Vertical Tees (16139-1292)		
16139-1390	EA 6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	342.49	125.18
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.82	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.12	
16139-1391	EA 9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	354.61	130.11
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.62	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	17.73	
16139-1392	EA 12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	364.19	135.33
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.14	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.21	
16139-1393	EA 18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	386.57	146.95
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.41	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.33	
16139-1394	EA 24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	409.33	153.57
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.13	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.47	
16139-1395	EA 30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	438.06	169.07
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.72	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	21.90	
16139-1396	EA 36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	473.97	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.76	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.70	
16139-1397	24" Radius Vertical Tees (16139-1292)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1398	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	452.10	135.33
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.94	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.61	
16139-1399	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	464.36	140.89
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.70	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	23.22	
16139-1400	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	477.41	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.49	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	23.87	
16139-1401	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	507.77	161.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.35	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	25.39	
16139-1402	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	526.94	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.61	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	26.35	
16139-1403	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	563.84	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.74	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	28.19	
16139-1404	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	625.72	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.96	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.29	
16139-1405		36" Radius Vertical Tees <small>(16139-1292)</small>		
16139-1406	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	676.03	146.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.36	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	33.80	
16139-1407	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	692.67	153.57
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.47	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	34.63	
16139-1408	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	710.75	161.11
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.65	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	35.54	
16139-1409	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	744.38	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.61	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.22	
16139-1410	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	766.30	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	38.32	
16139-1411	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	822.51	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.64	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	41.13	
16139-1412	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	877.96	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.69	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	43.90	
16139-1413		12" Radius Horizontal Crosses <small>(16139-1292)</small>		
16139-1414	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	364.80	169.07
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.39	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	18.24	
16139-1415	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	388.30	177.88
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.01	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	19.42	
16139-1416	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	405.60	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.92	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	20.28	
16139-1417	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	443.99	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.82	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	22.20	
16139-1418	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	491.74	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.40	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.59	
16139-1419	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	538.84	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.78	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	26.94	
16139-1420	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	604.71	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.78	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	30.24	
16139-1421		24" Radius Horizontal Crosses <small>(16139-1292)</small>		
16139-1422	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	472.02	187.66
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.56	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	23.60	
16139-1423	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	495.75	199.01
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.99	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	24.79	
16139-1424	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	521.21	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.51	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	26.06	
16139-1425	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	553.28	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.55	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	27.66	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1426	EA 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	627.18	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.03	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	31.36	
16139-1427	EA 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	676.71	281.78
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.19	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	33.84	
16139-1428	EA 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	745.40	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.94	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	37.27	
16139-1429	36" Radius Horizontal Crosses (16139-1292)		
16139-1430	EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	539.77	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.37	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.99	
16139-1431	EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	570.86	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.31	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	28.54	
16139-1432	EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	609.16	241.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.81	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	30.46	
16139-1433	EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	654.53	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.76	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	32.73	
16139-1434	EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	785.45	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.95	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	39.27	
16139-1435	EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	865.45	337.58
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.41	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	43.27	
16139-1436	EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	963.72	376.04
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.04	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	48.19	
16139-1437	12" Radius Vertical Crosses (16139-1292)		
16139-1438	EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	364.80	169.07
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.39	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	18.24	
16139-1439	EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	388.40	177.95
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.01	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	19.42	
16139-1440	EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	405.55	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.92	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	20.28	
16139-1441	EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	444.12	199.08
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.82	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	22.21	
16139-1442	EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	491.74	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.40	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.59	
16139-1443	EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	539.02	241.35
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.79	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.95	
16139-1444	EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	604.18	259.94
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.76	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	30.21	
16139-1445	24" Radius Vertical Crosses (16139-1292)		
16139-1446	EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	472.02	187.66
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.56	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	23.60	
16139-1447	EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	495.75	199.01
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.99	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	24.79	
16139-1448	EA 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	521.21	211.34
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.51	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	26.06	
16139-1449	EA 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	553.28	225.28
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.55	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	27.66	
16139-1450	EA 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	627.18	260.30
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.03	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	31.36	
16139-1451	EA 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	676.71	281.78
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.19	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	33.84	
16139-1452	EA 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	745.40	307.15
	16MOD-0067 For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.94	
	16MOD-0068 For 6" Overall Height Instead Of 4-5/8", Add	37.27	
16139-1453	36" Radius Vertical Crosses (16139-1292)		

16000 Electrical
16100 Basic Materials And Methods
16139 Cable Trays



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1454	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	624.16	211.34
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.80	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	31.21	
16139-1455	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	658.77	225.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.10	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	32.94	
16139-1456	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	702.34	241.28
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.13	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	35.12	
16139-1457	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	753.86	260.30
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.70	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	37.69	
16139-1458	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	908.52	307.15
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.25	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	45.43	
16139-1459	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,001.71	337.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.04	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	50.09	
16139-1460	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,115.36	376.04
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-80.20	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	55.77	
16139-1461		Dropout Or End Plates And Reducers (16139-0743)		
16139-1462		Straight Reducers (16139-1461)		
16139-1463	EA	9"-6" Reducer, Aluminum Cable Tray.....	135.51	51.99
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.22	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	6.78	
16139-1464	EA	12"-9" Reducer, Aluminum Cable Tray.....	143.75	56.29
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.68	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.19	
16139-1465	EA	18"-12" Reducer, Aluminum Cable Tray.....	159.33	64.95
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.52	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.97	
16139-1466	EA	24"-18" Reducer, Aluminum Cable Tray.....	177.35	75.17
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.47	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.87	
16139-1467	EA	30"-24" Reducer, Aluminum Cable Tray.....	194.07	84.53
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.36	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.70	
16139-1468	EA	36"-30" Reducer, Aluminum Cable Tray.....	217.41	96.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.69	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.87	
16139-1469		Reducers (16139-1461)		
16139-1470	EA	18"-6" Reducer, Aluminum Cable Tray.....	159.39	65.02
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.52	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	7.97	
16139-1471	EA	24"-12" Reducer, Aluminum Cable Tray.....	177.53	75.24
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.48	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	8.88	
16139-1472	EA	30"-12" Reducer, Aluminum Cable Tray.....	193.96	84.46
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.36	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.70	
16139-1473	EA	30"-18" Reducer, Aluminum Cable Tray.....	194.93	84.39
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.46	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	9.75	
16139-1474	EA	36"-12" Reducer, Aluminum Cable Tray.....	216.33	96.58
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.58	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	10.82	
16139-1475	EA	36"-18" Reducer, Aluminum Cable Tray.....	221.65	99.12
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.90	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.08	
16139-1476	EA	36"-24" Reducer, Aluminum Cable Tray.....	229.10	102.29
	16MOD-0067	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.39	
	16MOD-0068	For 6" Overall Height Instead Of 4-5/8", Add	11.46	
16139-1477		Dropout Or End Plate (16139-1461)		
16139-1478	EA	6" Dropout Or End Plate, Aluminum Cable Tray.....	41.68	21.14
16139-1479	EA	9" Dropout Or End Plate, Aluminum Cable Tray.....	47.12	24.16
16139-1480	EA	12" Dropout Or End Plate, Aluminum Cable Tray.....	50.81	26.00
16139-1481	EA	18" Dropout Or End Plate, Aluminum Cable Tray.....	61.25	30.71
16139-1482	EA	24" Dropout Or End Plate, Aluminum Cable Tray.....	68.14	33.81
16139-1483	EA	30" Dropout Or End Plate, Aluminum Cable Tray.....	76.62	37.55
16139-1484	EA	36" Dropout Or End Plate, Aluminum Cable Tray.....	86.02	42.27
16139-1485		Solid Bottom Cable Tray (16139)		
		Note: 3-5/8" Height		
16139-1486		Solid Bottom Galvanized Steel Straight Tray Sections (16139-1485)		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1487	LF 6" Solid Bottom Steel Cable Tray, Straight Section <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	17.17 1.65	5.49
16139-1488	LF 12" Solid Bottom Steel Cable Tray, Straight Section <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	21.38 2.08	6.76
16139-1489	LF 18" Solid Bottom Steel Cable Tray, Straight Section <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	28.63 2.67	9.73
16139-1490	LF 24" Solid Bottom Steel Cable Tray, Straight Section <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	33.12 3.11	11.13
16139-1491	LF 30" Solid Bottom Steel Cable Tray, Straight Section <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	39.70 3.71	13.46
16139-1492	LF 36" Solid Bottom Steel Cable Tray, Straight Section <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	50.41 4.99	15.43
16139-1493	Solid Bottom Galvanized Steel Cable Tray Fittings <small>(16139-1485)</small>		
16139-1494	90 Degree, 12" Radius Horizontal Elbows <small>(16139-1493)</small>		
16139-1495	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	177.78 14.92	70.52
16139-1496	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	232.89 18.40	99.19
16139-1497	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	285.84 22.01	125.18
16139-1498	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	350.41 26.93	153.78
16139-1499	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	409.12 31.67	178.23
16139-1500	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	459.47 35.75	199.01
16139-1501	90 Degree, 24" Radius Horizontal Elbows <small>(16139-1493)</small>		
16139-1502	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	207.99 18.96	73.40
16139-1503	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	276.37 23.83	105.74
16139-1504	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	341.24 28.64	135.33
16139-1505	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	416.82 34.35	169.07
16139-1506	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	488.99 40.24	198.65
16139-1507	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	552.75 45.36	225.28
16139-1508	90 Degree, 36" Radius Horizontal Elbows <small>(16139-1493)</small>		
16139-1509	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	253.21 25.20	76.71
16139-1510	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	329.23 30.57	112.93
16139-1511	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	417.71 38.13	147.16
16139-1512	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	499.70 43.67	187.66
16139-1513	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	599.77 52.41	225.28
16139-1514	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	684.71 59.44	259.59
16139-1515	45 Degree, 12" Radius Horizontal Elbows <small>(16139-1493)</small>		
16139-1516	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	162.78 12.66	70.52
16139-1517	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	216.01 15.86	99.19
16139-1518	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	266.29 19.10	125.04
16139-1519	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	326.51 23.38	153.57
16139-1520	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	381.09 27.46	178.23
16139-1521	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	426.90 30.93	198.65
16139-1522	45 Degree, 24" Radius Horizontal Elbows <small>(16139-1493)</small>		
16139-1523	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	186.67 15.75	73.47
16139-1524	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	251.17 20.06	105.67
16139-1525	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	312.59 24.31	135.47



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1526	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	383.06	169.07
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.28	
16139-1527	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	450.12	199.01
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	34.35	
16139-1528	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	508.44	225.28
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	38.72	
16139-1529		45 Degree, 36" Radius Horizontal Elbows (16139-1493)		
16139-1530	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	222.04	76.78
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.51	
16139-1531	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	276.45	102.36
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	24.40	
16139-1532	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	374.60	147.16
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	31.66	
16139-1533	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	453.55	188.02
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	36.69	
16139-1534	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	543.71	225.28
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.01	
16139-1535	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	622.78	260.30
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	50.04	
16139-1536		90 Degree, 12" Radius Vertical Risers (16139-1493)		
16139-1537	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray.....	190.73	70.31
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.89	
16139-1538	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray.....	242.54	99.19
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.84	
16139-1539	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray.....	287.04	125.18
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	22.19	
16139-1540	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray.....	348.00	153.78
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	26.56	
16139-1541	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray.....	394.65	178.23
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.50	
16139-1542	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray.....	432.32	198.65
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	31.74	
16139-1543		90 Degree, 24" Radius Vertical Risers (16139-1493)		
16139-1544	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray.....	226.07	73.40
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	21.67	
16139-1545	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray.....	289.63	105.74
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	25.82	
16139-1546	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray.....	348.47	135.33
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.72	
16139-1547	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray.....	415.62	169.07
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	34.17	
16139-1548	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray.....	472.11	198.65
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.71	
16139-1549	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray.....	529.84	225.28
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	41.93	
16139-1550		90 Degree, 36" Radius Vertical Risers (16139-1493)		
16139-1551	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray.....	268.88	76.71
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	27.55	
16139-1552	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray.....	328.93	102.57
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.24	
16139-1553	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray.....	417.71	147.16
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	38.13	
16139-1554	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray.....	502.11	187.66
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.04	
16139-1555	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray.....	581.69	225.28
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.70	
16139-1556	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray.....	656.97	259.59
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	55.27	
16139-1557		12" Radius Horizontal Tees (16139-1493)		
16139-1558	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	309.89	135.33
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	23.93	
16139-1559	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	372.97	168.78
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	27.81	
16139-1560	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	440.18	199.01
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.86	
16139-1561	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	524.79	241.77
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	38.42	
16139-1562	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	572.44	260.30
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	42.49	
16139-1563	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	671.12	307.15
	16MOD-0069	For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1564	24" Radius Horizontal Tees <small>(16139-1493)</small>		
16139-1565	EA 6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....376.36	376.36	146.95
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	31.96	
16139-1566	EA 12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....465.94	465.94	187.66
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	38.61	
16139-1567	EA 18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....545.52	545.52	225.28
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.28	
16139-1568	EA 24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....699.93	699.93	281.78
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	58.03	
16139-1569	EA 30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....762.75	762.75	307.15
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	63.22	
16139-1570	EA 36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....898.03	898.03	376.04
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	72.03	
16139-1571	36" Radius Horizontal Tees <small>(16139-1493)</small>		
16139-1572	EA 6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....474.65	474.65	161.11
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.35	
16139-1573	EA 12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....582.52	582.52	211.34
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	52.16	
16139-1574	EA 18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....684.57	684.57	260.30
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	59.31	
16139-1575	EA 24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....833.89	833.89	307.15
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	73.89	
16139-1576	EA 30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....914.13	914.13	338.70
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	80.87	
16139-1577	EA 36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,066.17	1,066.17	422.67
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	89.48	
16139-1578	12" Radius Vertical Tees <small>(16139-1493)</small>		
16139-1579	EA 6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....364.15	364.15	135.33
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.07	
16139-1580	EA 12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....426.47	426.47	169.07
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	35.79	
16139-1581	EA 18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....459.91	459.91	187.66
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.71	
16139-1582	EA 24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....492.61	492.61	198.65
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	40.79	
16139-1583	EA 30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....547.93	547.93	225.28
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.64	
16139-1584	EA 36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....612.23	612.23	260.30
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	48.46	
16139-1585	24" Radius Vertical Tees <small>(16139-1493)</small>		
16139-1586	EA 6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....449.91	449.91	146.95
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	42.99	
16139-1587	EA 12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....527.43	527.43	187.66
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	47.83	
16139-1588	EA 18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....577.70	577.70	211.34
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	51.43	
16139-1589	EA 24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....611.83	611.83	225.28
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	54.22	
16139-1590	EA 30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....693.01	693.01	260.30
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	60.57	
16139-1591	EA 36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....783.25	783.25	307.15
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	66.29	
16139-1592	36" Radius Vertical Tees <small>(16139-1493)</small>		
16139-1593	EA 6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....587.58	587.58	160.82
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	61.33	
16139-1594	EA 12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....677.78	677.78	211.34
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	66.44	
16139-1595	EA 18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....751.75	751.75	241.28
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	72.55	
16139-1596	EA 24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....795.50	795.50	260.30
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	75.95	
16139-1597	EA 30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....933.96	933.96	307.15
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	88.90	
16139-1598	EA 36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,008.78	1,008.78	337.58
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	95.05	
16139-1599	12" Radius Horizontal Crosses <small>(16139-1493)</small>		
16139-1600	EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray .....383.06	383.06	169.07
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.28	
16139-1601	EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray .....441.38	441.38	199.01
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	33.04	
16139-1602	EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray .....531.10	531.10	241.28
	16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	39.46	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1603 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	614.33	281.78
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	45.19	
16139-1604 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	724.23	337.58
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	52.37	
16139-1605 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	803.98	376.04
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	57.92	
16139-1606 24" Radius Horizontal Crosses (16139-1493)		
16139-1607 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	497.86	188.02
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	43.34	
16139-1608 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	581.69	225.28
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.70	
16139-1609 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	699.93	281.78
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	58.03	
16139-1610 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	859.87	338.70
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	72.53	
16139-1611 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	946.26	376.04
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	79.27	
16139-1612 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,042.05	422.67
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	85.86	
16139-1613 36" Radius Horizontal Crosses (16139-1493)		
16139-1614 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	653.66	211.34
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	62.83	
16139-1615 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	765.35	260.30
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	71.42	
16139-1616 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	926.19	338.70
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	82.48	
16139-1617 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,054.77	376.04
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	95.54	
16139-1618 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,168.65	422.67
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	104.85	
16139-1619 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,298.53	482.48
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	114.36	
16139-1620 Straight Reducers (16139-1493)		
16139-1621 EA 12"-6" Reducer, Solid Bottom, Steel Cable Tray.....	153.01	56.36
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	13.56	
16139-1622 EA 18"-12" Reducer, Solid Bottom, Steel Cable Tray.....	166.45	63.69
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.35	
16139-1623 EA 24"-18" Reducer, Solid Bottom, Steel Cable Tray.....	185.00	73.40
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	15.52	
16139-1624 EA 30"-24" Reducer, Solid Bottom, Steel Cable Tray.....	208.41	84.53
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	17.17	
16139-1625 EA 36"-30" Reducer, Solid Bottom, Steel Cable Tray.....	226.20	93.77
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.30	
16139-1626 Reducers (16139-1493)		
16139-1627 EA 18"-6" Reducer, Solid Bottom, Steel Cable Tray.....	166.51	63.76
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.35	
16139-1628 EA 24"-12" Reducer, Solid Bottom, Steel Cable Tray.....	184.04	73.54
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	15.35	
16139-1629 EA 30"-12" Reducer, Solid Bottom, Steel Cable Tray.....	205.89	84.46
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.81	
16139-1630 EA 30"-18" Reducer, Solid Bottom, Steel Cable Tray.....	206.98	84.39
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.98	
16139-1631 EA 36"-12" Reducer, Solid Bottom, Steel Cable Tray.....	225.00	93.77
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.12	
16139-1632 EA 36"-18" Reducer, Solid Bottom, Steel Cable Tray.....	226.20	93.77
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.30	
16139-1633 EA 36"-24" Reducer, Solid Bottom, Steel Cable Tray.....	227.68	93.91
16MOD-0069 For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.50	
16139-1634 Dropout Or End Plate (16139-1493)		
16139-1635 EA 6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	47.52	21.14
16139-1636 EA 12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	58.28	25.79
16139-1637 EA 18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	67.40	30.57
16139-1638 EA 24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	75.71	33.81
16139-1639 EA 30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	84.26	37.55
16139-1640 EA 36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	93.66	42.27
16139-1641 Solid Bottom Aluminum Straight Cable Tray Sections (16139-1485)		
16139-1642 LF 6" Solid Bottom Aluminum Cable Tray, Straight Section.....	16.05	4.44
16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	1.67	
16139-1643 LF 12" Solid Bottom Aluminum Cable Tray, Straight Section.....	19.98	5.21
16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	2.13	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1644	LF 18" Solid Bottom Aluminum Cable Tray, Straight Section..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	25.55 2.70	6.76
16139-1645	LF 24" Solid Bottom Aluminum Cable Tray, Straight Section..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	30.35 3.31	7.47
16139-1646	LF 30" Solid Bottom Aluminum Cable Tray, Straight Section..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.23 3.98	9.66
16139-1647	LF 36" Solid Bottom Steel Aluminum Tray, Straight Section..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.24 4.87	10.57
16139-1648	Solid Bottom Aluminum Cable Tray Fittings (16139-1485)		
16139-1649	90 Degree, 12" Radius Horizontal Elbows (16139-1648)		
16139-1650	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	186.95 16.29	70.52
16139-1651	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	226.14 19.12	88.76
16139-1652	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	261.18 22.61	99.40
16139-1653	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	304.21 26.17	116.73
16139-1654	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	359.27 31.31	135.47
16139-1655	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	406.13 35.28	153.78
16139-1656	90 Degree, 24" Radius Horizontal Elbows (16139-1648)		
16139-1657	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	221.14 20.93	73.40
16139-1658	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	273.89 25.42	94.05
16139-1659	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	309.60 28.83	105.67
16139-1660	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	373.63 35.18	125.18
16139-1661	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	433.44 40.56	146.74
16139-1662	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	498.84 46.65	169.07
16139-1663	90 Degree, 36" Radius Horizontal Elbows (16139-1648)		
16139-1664	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	274.32 28.37	76.71
16139-1665	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	341.81 34.67	99.61
16139-1666	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	396.53 40.66	112.93
16139-1667	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	448.78 44.80	135.12
16139-1668	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	521.34 51.35	161.11
16139-1669	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	608.54 60.06	187.38
16139-1670	45 Degree, 12" Radius Horizontal Elbows (16139-1648)		
16139-1671	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	171.75 14.01	70.52
16139-1672	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	208.95 16.54	88.76
16139-1673	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	240.02 19.45	99.33
16139-1674	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	279.67 22.53	116.52
16139-1675	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	329.90 26.91	135.47
16139-1676	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	372.43 30.30	153.36
16139-1677	45 Degree, 24" Radius Horizontal Elbows (16139-1648)		
16139-1678	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	199.50 17.68	73.47
16139-1679	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	247.96 21.54	93.91
16139-1680	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	280.58 24.44	105.88
16139-1681	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	337.34 29.73	125.18
16139-1682	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	392.58 34.36	147.16



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1683	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	451.08	169.07
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	39.48	
16139-1684		45 Degree, 36" Radius Horizontal Elbows (16139-1648)		
16139-1685	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	242.27	76.78
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	23.54	
16139-1686	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	302.82	99.40
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	28.86	
16139-1687	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	350.69	112.93
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	33.79	
16139-1688	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	400.16	135.47
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.45	
16139-1689	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	465.71	161.11
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	43.01	
16139-1690	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	544.48	188.02
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	50.33	
16139-1691		90 Degree, 12" Radius Vertical Risers (16139-1648)		
16139-1692	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	199.66	70.31
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.23	
16139-1693	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	233.74	88.76
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.26	
16139-1694	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	262.27	99.40
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	22.77	
16139-1695	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	296.62	116.73
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	25.03	
16139-1696	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	334.31	135.47
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	27.57	
16139-1697	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray.....	367.39	153.36
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.55	
16139-1698		90 Degree, 24" Radius Vertical Risers (16139-1648)		
16139-1699	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	239.59	73.40
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	23.70	
16139-1700	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	283.66	94.05
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	26.88	
16139-1701	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	312.86	105.67
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.32	
16139-1702	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	357.35	125.18
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.74	
16139-1703	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	401.97	146.74
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	35.84	
16139-1704	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray.....	455.42	169.07
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	40.14	
16139-1705		90 Degree, 36" Radius Vertical Risers (16139-1648)		
16139-1706	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	281.92	76.71
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.51	
16139-1707	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	339.63	99.61
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	34.35	
16139-1708	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	377.00	112.93
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.73	
16139-1709	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	421.65	135.12
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	40.73	
16139-1710	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	485.53	161.11
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	45.98	
16139-1711	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray.....	538.00	187.38
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.47	
16139-1712		12" Radius Horizontal Tees (16139-1648)		
16139-1713	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	332.93	135.33
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	27.39	
16139-1714	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	385.84	153.36
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.32	
16139-1715	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	428.29	169.07
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	36.07	
16139-1716	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	477.26	188.02
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	40.25	
16139-1717	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	564.35	225.28
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	47.10	
16139-1718	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	686.70	281.78
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	56.04	
16139-1719		24" Radius Horizontal Tees (16139-1648)		
16139-1720	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	421.84	146.95
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	38.78	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1721	EA 12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	481.47 44.04	169.07
16139-1722	EA 18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	538.55 49.50	187.66
16139-1723	EA 24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	652.26 60.29	225.28
16139-1724	EA 30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	784.37 70.69	281.78
16139-1725	EA 36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	866.17 78.58	308.06
16139-1726	36" Radius Horizontal Tees (16139-1648)		
16139-1727	EA 6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	556.07 56.56	161.11
16139-1728	EA 12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	627.54 62.85	187.66
16139-1729	EA 18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	715.80 72.15	211.34
16139-1730	EA 24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	855.97 85.12	259.59
16139-1731	EA 30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	1,031.14 98.22	338.70
16139-1732	EA 36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	1,147.67 109.48	376.04
16139-1733	12" Radius Vertical Tees (16139-1648)		
16139-1734	EA 6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	378.51 34.23	135.33
16139-1735	EA 12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	412.26 36.24	153.57
16139-1736	EA 18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	430.85 37.82	160.82
16139-1737	EA 24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	454.97 40.11	168.78
16139-1738	EA 30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	501.65 43.97	187.66
16139-1739	EA 36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	575.20 48.73	225.28
16139-1740	24" Radius Vertical Tees (16139-1648)		
16139-1741	EA 6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	470.68 46.11	146.95
16139-1742	EA 12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	520.54 49.90	169.07
16139-1743	EA 18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	551.53 53.08	177.88
16139-1744	EA 24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	589.56 57.15	187.66
16139-1745	EA 30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	656.11 63.19	211.34
16139-1746	EA 36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	752.87 69.66	259.59
16139-1747	36" Radius Vertical Tees (16139-1648)		
16139-1748	EA 6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	620.78 66.31	160.82
16139-1749	EA 12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	677.97 70.80	185.42
16139-1750	EA 18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	721.74 75.16	198.65
16139-1751	EA 24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	753.78 77.84	211.34
16139-1752	EA 30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	836.20 85.22	241.28
16139-1753	EA 36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	559.71 32.76	307.15
16139-1754	12" Radius Horizontal Crosses (16139-1648)		
16139-1755	EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	392.73 33.31	153.57
16139-1756	EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	435.89 37.21	169.07
16139-1757	EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	506.86 42.93	198.65
16139-1758	EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	601.78 50.06	241.28
16139-1759	EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray 16MOD-0070 For 4-5/8" Overall Height Instead Of 3-5/8", Add	658.45 55.50	259.59



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1760	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	763.06	308.06
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	63.11	
16139-1761		24" Radius Horizontal Crosses (16139-1648)		
16139-1762	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	520.99	169.36
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.93	
16139-1763	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	589.56	187.66
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	57.15	
16139-1764	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	676.13	225.28
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	63.87	
16139-1765	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	834.46	282.55
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	78.08	
16139-1766	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	915.00	308.06
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	85.91	
16139-1767	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,044.57	376.04
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	94.01	
16139-1768		36" Radius Horizontal Crosses (16139-1648)		
16139-1769	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	719.79	187.66
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	76.69	
16139-1770	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	791.77	211.34
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	83.54	
16139-1771	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	922.16	260.30
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	94.95	
16139-1772	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,096.26	338.70
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	107.99	
16139-1773	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,201.94	376.04
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	117.62	
16139-1774	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,377.32	422.67
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	136.15	
16139-1775		Straight Reducers (16139-1648)		
16139-1776	EA	12"-6" Reducer, Solid Bottom, Aluminum Cable Tray	147.85	48.33
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.12	
16139-1777	EA	18"-12" Reducer, Solid Bottom, Aluminum Cable Tray	163.24	56.29
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	15.11	
16139-1778	EA	24"-18" Reducer, Solid Bottom, Aluminum Cable Tray	179.96	63.69
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.38	
16139-1779	EA	30"-24" Reducer, Solid Bottom, Aluminum Cable Tray	202.78	73.47
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.17	
16139-1780	EA	36"-30" Reducer, Solid Bottom, Aluminum Cable Tray	225.32	84.39
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.73	
16139-1781		Reducers (16139-1648)		
16139-1782	EA	18"-6" Reducer, Solid Bottom, Aluminum Cable Tray	162.20	56.29
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.95	
16139-1783	EA	24"-12" Reducer, Solid Bottom, Aluminum Cable Tray	179.06	63.83
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.22	
16139-1784	EA	30"-12" Reducer, Solid Bottom, Aluminum Cable Tray	200.52	73.40
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	17.84	
16139-1785	EA	30"-18" Reducer, Solid Bottom, Aluminum Cable Tray	201.53	73.40
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.00	
16139-1786	EA	36"-12" Reducer, Solid Bottom, Aluminum Cable Tray	225.32	84.39
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.73	
16139-1787	EA	36"-18" Reducer, Solid Bottom, Aluminum Cable Tray	226.41	84.39
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.89	
16139-1788	EA	36"-24" Reducer, Solid Bottom, Aluminum Cable Tray	228.80	84.53
	16MOD-0070	For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.23	
16139-1789		Dropout Or End Plate (16139-1648)		
16139-1790	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	48.95	21.14
16139-1791	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	58.49	25.79
16139-1792	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	69.56	30.57
16139-1793	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	76.82	33.81
16139-1794	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	86.44	37.55
16139-1795	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	98.12	42.27
16139-1796		Vented Bottom Cable Tray (16139)		
		Note: 6" Height		
16139-1797		Vented Bottom Galvanized Steel Cable Tray (16139-1796)		
16139-1798	LF	6" Vented Bottom Steel Cable Tray, Straight Section	22.77	7.40
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-1.66	
16139-1799	LF	12" Vented Bottom Steel Cable Tray, Straight Section	26.78	8.45
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-1.98	
16139-1800	LF	18" Vented Bottom Steel Cable Tray, Straight Section	31.51	9.73
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-2.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1801 LF 24" Vented Bottom Steel Cable Tray, Straight Section.....	36.17	11.13
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-2.69	
16139-1802 LF 30" Vented Bottom Steel Cable Tray, Straight Section.....	47.66	13.46
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-3.64	
16139-1803 LF 36" Vented Bottom Steel Cable Tray, Straight Section.....	56.43	16.90
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-4.23	
16139-1804 Vented Bottom Galvanized Steel Cable Tray Fittings (16139-1796)		
16139-1805 90 Degree, 12" Radius Horizontal Elbows (16139-1804)		
16139-1806 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	212.56	89.04
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-13.84	
16139-1807 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	277.01	120.47
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-17.66	
16139-1808 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	343.57	153.57
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-21.56	
16139-1809 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	421.37	188.02
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-26.47	
16139-1810 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	475.33	211.76
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-29.89	
16139-1811 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	544.59	241.77
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-34.31	
16139-1812 90 Degree, 24" Radius Horizontal Elbows (16139-1804)		
16139-1813 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	251.20	93.84
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-17.30	
16139-1814 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	326.08	130.11
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-21.76	
16139-1815 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	413.76	169.07
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-27.29	
16139-1816 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	501.01	211.34
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-32.49	
16139-1817 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	535.45	218.31
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-35.35	
16139-1818 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	668.82	281.78
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-43.40	
16139-1819 90 Degree, 36" Radius Horizontal Elbows (16139-1804)		
16139-1820 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	306.95	99.19
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-22.43	
16139-1821 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	397.11	141.10
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-27.95	
16139-1822 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	507.76	188.02
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-35.11	
16139-1823 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	607.27	241.28
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-40.62	
16139-1824 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	700.01	281.78
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-46.52	
16139-1825 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	819.43	337.58
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-53.81	
16139-1826 45 Degree, 12" Radius Horizontal Elbows (16139-1804)		
16139-1827 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	198.56	89.11
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-12.43	
16139-1828 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	260.25	120.47
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-15.98	
16139-1829 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	323.93	153.36
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-19.61	
16139-1830 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	397.04	187.66
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-24.06	
16139-1831 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	448.40	211.76
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-27.19	
16139-1832 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	512.53	241.28
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-31.15	
16139-1833 45 Degree, 24" Radius Horizontal Elbows (16139-1804)		
16139-1834 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	230.48	93.91
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-15.22	
16139-1835 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	302.06	130.11
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-19.36	
16139-1836 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	385.18	169.36
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-24.41	
16139-1837 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	468.28	211.34
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-29.22	
16139-1838 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	536.84	241.77
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-33.53	
16139-1839 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	625.00	281.78
16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-39.02	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1840		45 Degree, 36" Radius Horizontal Elbows <small>(16139-1804)</small>		
16139-1841	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	276.12	99.40
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-19.33	
16139-1842	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray.....	360.86	140.68
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-24.36	
16139-1843	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray.....	464.99	188.02
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-30.83	
16139-1844	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray.....	563.05	241.77
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-36.15	
16139-1845	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray.....	649.33	281.78
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-41.45	
16139-1846	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray.....	764.75	338.70
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-48.25	
16139-1847		90 Degree, 12" Radius Vertical Risers <small>(16139-1804)</small>		
16139-1848	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	230.79	88.76
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.68	
16139-1849	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	293.21	120.47
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-19.28	
16139-1850	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	349.57	153.57
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-22.16	
16139-1851	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	420.17	188.02
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-26.35	
16139-1852	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	462.13	211.76
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-28.57	
16139-1853	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	517.28	241.28
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-31.62	
16139-1854		90 Degree, 24" Radius Vertical Risers <small>(16139-1804)</small>		
16139-1855	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	275.20	93.84
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-19.70	
16139-1856	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	342.88	130.11
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-23.44	
16139-1857	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	420.96	169.07
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-28.01	
16139-1858	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	496.21	211.34
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-32.01	
16139-1859	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	564.07	241.28
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-36.30	
16139-1860	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	638.82	281.78
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-40.40	
16139-1861		90 Degree, 36" Radius Vertical Risers <small>(16139-1804)</small>		
16139-1862	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	326.15	99.19
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-24.35	
16139-1863	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	405.51	141.10
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-28.79	
16139-1864	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	502.96	188.02
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-34.63	
16139-1865	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	604.87	241.28
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-40.38	
16139-1866	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	677.22	281.78
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-44.24	
16139-1867	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	793.03	337.58
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-51.17	
16139-1868		12" Radius Horizontal Tees <small>(16139-1804)</small>		
16139-1869	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	378.97	169.07
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-23.81	
16139-1870	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	459.52	210.92
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-28.38	
16139-1871	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	525.40	241.77
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-32.39	
16139-1872	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	611.22	281.78
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-37.64	
16139-1873	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	673.94	307.15
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-41.80	
16139-1874	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	740.24	337.58
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-45.89	
16139-1875		24" Radius Horizontal Tees <small>(16139-1804)</small>		
16139-1876	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	473.59	187.66
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-31.72	
16139-1877	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	577.27	241.28
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-37.62	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1878	EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	665.22	281.78
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-43.04	
16139-1879	EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	817.03	337.58
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-53.57	
16139-1880	EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	902.71	376.04
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-58.93	
16139-1881	EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,009.21	422.67
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-65.70	
16139-1882	36" Radius Horizontal Tees (16139-1804)		
16139-1883	EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	582.60	211.34
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-40.65	
16139-1884	EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	732.41	281.78
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-49.76	
16139-1885	EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	851.24	338.70
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-56.90	
16139-1886	EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,050.01	422.67
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-69.78	
16139-1887	EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,173.83	484.74
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-76.99	
16139-1888	EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,368.73	562.09
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-90.03	
16139-1889	12" Radius Vertical Tees (16139-1804)		
16139-1890	EA 6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	443.76	169.07
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-30.29	
16139-1891	EA 12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	516.61	211.34
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-34.05	
16139-1892	EA 18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	543.49	225.28
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-35.57	
16139-1893	EA 24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	579.67	241.28
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-37.86	
16139-1894	EA 30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	622.16	260.30
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-40.53	
16139-1895	EA 36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	703.94	307.15
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-44.80	
16139-1896	24" Radius Vertical Tees (16139-1804)		
16139-1897	EA 6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	529.98	187.66
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-37.36	
16139-1898	EA 12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	630.06	241.28
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-42.90	
16139-1899	EA 18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	672.55	260.30
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-45.57	
16139-1900	EA 24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	726.41	281.78
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-49.16	
16139-1901	EA 30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	781.93	307.15
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-52.60	
16139-1902	EA 36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	919.51	376.04
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-60.61	
16139-1903	36" Radius Vertical Tees (16139-1804)		
16139-1904	EA 6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	697.09	210.92
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-52.13	
16139-1905	EA 12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	823.60	281.78
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-58.88	
16139-1906	EA 18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	877.92	307.15
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-62.19	
16139-1907	EA 24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	954.42	338.70
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-67.22	
16139-1908	EA 30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,076.69	376.04
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-76.33	
16139-1909	EA 36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,260.13	482.48
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-85.80	
16139-1910	12" Radius Horizontal Crosses (16139-1804)		
16139-1911	EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	477.02	211.34
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-30.09	
16139-1912	EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	529.00	241.77
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-32.75	
16139-1913	EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	610.02	281.78
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-37.52	
16139-1914	EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	710.24	337.58
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-42.89	
16139-1915	EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	790.10	374.70
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-47.78	
16139-1916	EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	890.43	422.67
	16MOD-0071 For 4-5/8" Overall Height Instead Of 6", Deduct	-53.82	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1917		24" Radius Horizontal Crosses <small>(16139-1804)</small>		
16139-1918	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	598.59	241.77
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-39.71	
16139-1919	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	674.82	281.78
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-44.00	
16139-1920	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	788.23	337.58
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-50.69	
16139-1921	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	991.22	422.67
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-63.90	
16139-1922	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,120.94	482.48
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-71.89	
16139-1923	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,272.74	562.09
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-80.44	
16139-1924		36" Radius Horizontal Crosses <small>(16139-1804)</small>		
16139-1925	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	799.60	281.78
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-56.48	
16139-1926	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	911.23	338.70
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-62.90	
16139-1927	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,058.41	422.67
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-70.62	
16139-1928	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,367.74	565.05
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-89.68	
16139-1929	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,596.89	677.33
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-103.24	
16139-1930	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,912.86	845.35
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-120.84	
16139-1931		Straight Reducers <small>(16139-1804)</small>		
16139-1932	EA	12"-6" Reducer, Vented Bottom, Steel Cable Tray	180.56	72.00
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-12.06	
16139-1933	EA	18"-12" Reducer, Vented Bottom, Steel Cable Tray	197.02	80.45
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-13.00	
16139-1934	EA	24"-18" Reducer, Vented Bottom, Steel Cable Tray	223.46	93.77
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-14.53	
16139-1935	EA	30"-24" Reducer, Vented Bottom, Steel Cable Tray	245.70	105.67
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.76	
16139-1936	EA	36"-30" Reducer, Vented Bottom, Steel Cable Tray	268.35	116.38
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.14	
16139-1937		Reducers <small>(16139-1804)</small>		
16139-1938	EA	18"-6" Reducer, Vented Bottom, Steel Cable Tray	197.02	80.45
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-13.00	
16139-1939	EA	24"-12" Reducer, Vented Bottom, Steel Cable Tray	222.53	93.91
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-14.43	
16139-1940	EA	30"-12" Reducer, Vented Bottom, Steel Cable Tray	244.33	105.53
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.64	
16139-1941	EA	30"-18" Reducer, Vented Bottom, Steel Cable Tray	245.35	105.46
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.75	
16139-1942	EA	36"-12" Reducer, Vented Bottom, Steel Cable Tray	267.15	116.38
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.02	
16139-1943	EA	36"-18" Reducer, Vented Bottom, Steel Cable Tray	268.35	116.38
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.14	
16139-1944	EA	36"-24" Reducer, Vented Bottom, Steel Cable Tray	269.98	116.66
	16MOD-0071	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.28	
16139-1945		Dropout Or End Plate <small>(16139-1804)</small>		
16139-1946	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	57.78	26.00
16139-1947	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	68.49	30.50
16139-1948	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	75.51	33.67
16139-1949	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	84.88	37.55
16139-1950	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	94.25	42.20
16139-1951	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	110.50	50.44
16139-1952		Vented Bottom Aluminum Cable Tray <small>(16139-1796)</small>		
16139-1953	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	20.61	5.49
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-1.60	
16139-1954	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	22.86	6.06
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-1.78	
16139-1955	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	25.58	6.76
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-2.00	
16139-1956	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	29.75	7.54
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-2.35	
16139-1957	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	34.12	8.38
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-2.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1958 LF 30" Vented Bottom Aluminum Cable Tray, Straight Section	43.20	9.66
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-3.52	
16139-1959 LF 36" Vented Bottom Aluminum Cable Tray, Straight Section	48.15	11.34
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-3.87	
16139-1960 Vented Bottom Aluminum Cable Tray Fittings (16139-1796)		
16139-1961 90 Degree, 12" Radius Horizontal Elbows (16139-1960)		
16139-1962 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	223.25	89.04
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-14.91	
16139-1963 EA 9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	242.53	96.65
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-16.20	
16139-1964 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	268.20	108.84
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-17.75	
16139-1965 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	301.97	120.61
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-20.15	
16139-1966 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	362.50	147.16
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-23.99	
16139-1967 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	426.57	169.36
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-28.55	
16139-1968 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	470.75	188.02
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-31.41	
16139-1969 90 Degree, 24" Radius Horizontal Elbows (16139-1960)		
16139-1970 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	264.94	93.84
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-18.67	
16139-1971 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	321.37	116.66
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-22.42	
16139-1972 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	363.40	130.11
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-25.50	
16139-1973 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	435.19	160.82
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-30.12	
16139-1974 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	503.27	187.38
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-34.71	
16139-1975 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	558.43	211.34
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-38.23	
16139-1976 90 Degree, 36" Radius Horizontal Elbows (16139-1960)		
16139-1977 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	318.39	99.19
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-23.57	
16139-1978 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	383.64	125.32
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-27.92	
16139-1979 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	433.74	141.10
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-31.62	
16139-1980 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	513.55	177.88
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-36.53	
16139-1981 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	542.34	172.38
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-39.87	
16139-1982 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	678.84	241.28
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-47.78	
16139-1983 45 Degree, 12" Radius Horizontal Elbows (16139-1960)		
16139-1984 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	206.90	89.11
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-13.27	
16139-1985 EA 9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	224.76	96.79
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-14.41	
16139-1986 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	249.10	108.84
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-15.84	
16139-1987 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	279.55	120.47
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-17.91	
16139-1988 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	336.36	146.95
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-21.39	
16139-1989 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	394.82	169.36
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-25.37	
16139-1990 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	435.56	187.66
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-27.92	
16139-1991 45 Degree, 24" Radius Horizontal Elbows (16139-1960)		
16139-1992 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	241.19	93.91
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-16.29	
16139-1993 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	293.43	116.66
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-19.62	
16139-1994 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	331.44	130.32
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-22.29	
16139-1995 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	398.83	161.11
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-26.46	
16139-1996 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	462.37	188.02
16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-30.57	

16000 Electrical
16100 Basic Materials And Methods
16139 Cable Trays



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-1997	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	513.07	211.34
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-33.70	
16139-1998		45 Degree, 36" Radius Horizontal Elbows (16139-1960)		
16139-1999	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	285.04	99.40
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-20.22	
16139-2000	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	344.71	125.04
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-24.05	
16139-2001	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	390.04	141.10
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-27.25	
16139-2002	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	466.29	178.23
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-31.78	
16139-2003	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	530.59	199.01
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-36.48	
16139-2004	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	618.87	241.77
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-41.74	
16139-2005		90 Degree, 12" Radius Vertical Risers (16139-1960)		
16139-2006	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	239.16	88.76
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-16.52	
16139-2007	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	257.28	96.44
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.69	
16139-2008	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	279.06	108.84
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-18.84	
16139-2009	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	301.97	120.61
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-20.15	
16139-2010	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	357.07	147.16
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-23.44	
16139-2011	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	399.44	169.36
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-25.83	
16139-2012	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	431.11	187.66
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-27.47	
16139-2013		90 Degree, 24" Radius Vertical Risers (16139-1960)		
16139-2014	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	279.05	93.84
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-20.08	
16139-2015	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	327.88	116.66
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-23.07	
16139-2016	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	362.32	130.11
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-25.39	
16139-2017	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	416.07	161.11
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-28.18	
16139-2018	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	468.01	187.66
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-31.16	
16139-2019	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	515.02	211.34
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-33.89	
16139-2020		90 Degree, 36" Radius Vertical Risers (16139-1960)		
16139-2021	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	317.31	99.19
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-23.46	
16139-2022	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	371.70	125.32
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-26.72	
16139-2023	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	417.46	141.10
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-29.99	
16139-2024	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	494.01	177.88
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-34.58	
16139-2025	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	548.72	199.01
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-38.29	
16139-2026	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	625.66	241.28
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-42.46	
16139-2027		12" Radius Horizontal Tees (16139-1960)		
16139-2028	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	395.73	169.07
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-25.48	
16139-2029	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	413.70	177.88
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-26.55	
16139-2030	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	439.24	187.38
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-28.31	
16139-2031	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	500.54	211.76
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-32.41	
16139-2032	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	571.39	241.28
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-37.03	
16139-2033	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	650.88	281.78
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-41.61	
16139-2034	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	718.16	307.15
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-46.22	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2035	24" Radius Horizontal Tees <small>(16139-1960)</small>		
16139-2036	EA 6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	486.45	187.66
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-33.00	
16139-2037	EA 12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	549.05	210.92
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-37.33	
16139-2038	EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	619.15	241.28
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-41.81	
16139-2039	EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	739.71	281.01
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-50.55	
16139-2040	EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	857.50	338.70
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-57.53	
16139-2041	EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	968.60	376.04
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-65.52	
16139-2042	36" Radius Horizontal Tees <small>(16139-1960)</small>		
16139-2043	EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	631.15	211.34
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-45.50	
16139-2044	EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	722.25	241.28
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-52.12	
16139-2045	EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	755.80	235.36
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-55.97	
16139-2046	EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	985.92	337.58
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-70.46	
16139-2047	EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,157.67	424.37
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-80.40	
16139-2048	EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,325.11	482.48
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-92.30	
16139-2049	12" Radius Vertical Tees <small>(16139-1960)</small>		
16139-2050	EA 6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	438.06	169.07
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-29.72	
16139-2051	EA 9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	453.86	177.88
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-30.56	
16139-2052	EA 12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	482.11	187.66
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-32.57	
16139-2053	EA 18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	502.05	199.01
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-33.62	
16139-2054	EA 24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	526.26	210.92
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-35.05	
16139-2055	EA 30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	557.84	225.28
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-37.01	
16139-2056	EA 36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	622.63	259.59
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-40.63	
16139-2057	24" Radius Vertical Tees <small>(16139-1960)</small>		
16139-2058	EA 6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	534.21	187.66
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-37.78	
16139-2059	EA 12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	590.29	210.92
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-41.45	
16139-2060	EA 18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	630.55	225.28
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-44.28	
16139-2061	EA 24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	673.41	241.28
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-47.24	
16139-2062	EA 30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	725.74	259.59
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-50.94	
16139-2063	EA 36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	811.90	308.06
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-55.52	
16139-2064	36" Radius Vertical Tees <small>(16139-1960)</small>		
16139-2065	EA 6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	693.39	210.92
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-51.76	
16139-2066	EA 12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	765.66	241.28
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-56.46	
16139-2067	EA 18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	807.13	259.59
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-59.08	
16139-2068	EA 24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	872.44	282.55
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-63.70	
16139-2069	EA 30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	947.56	308.06
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-69.08	
16139-2070	EA 36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,080.34	374.70
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-76.81	
16139-2071	12" Radius Horizontal Crosses <small>(16139-1960)</small>		
16139-2072	EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	454.98	187.66
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-29.86	
16139-2073	EA 9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	483.60	199.01
	16MOD-0072 For 4-5/8" Overall Height Instead Of 6", Deduct	-31.78	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2074	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	509.22	211.76
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-33.28	
16139-2075	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	565.97	241.28
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-36.49	
16139-2076	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	650.72	281.01
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-41.65	
16139-2077	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	731.87	306.30
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-47.66	
16139-2078	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	893.72	376.04
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-58.04	
16139-2079		24" Radius Horizontal Crosses (16139-1960)		
16139-2080	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	607.98	211.76
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-43.15	
16139-2081	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	681.01	241.28
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-48.00	
16139-2082	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	769.01	281.01
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-53.48	
16139-2083	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	909.95	337.58
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-62.86	
16139-2084	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	998.94	374.70
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-68.67	
16139-2085	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,227.44	482.48
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-82.54	
16139-2086		36" Radius Horizontal Crosses (16139-1960)		
16139-2087	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	819.92	241.28
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-61.89	
16139-2088	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	915.85	282.55
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-68.04	
16139-2089	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,045.61	337.58
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-76.43	
16139-2090	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,266.20	424.37
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-91.26	
16139-2091	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,415.63	484.74
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-101.17	
16139-2092	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,642.21	562.09
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-117.38	
16139-2093		Straight Reducers (16139-1960)		
16139-2094	EA	9"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	163.44	56.36
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-11.65	
16139-2095	EA	12"-9" Reducer, Vented Bottom, Aluminum Cable Tray.....	171.65	59.39
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-12.22	
16139-2096	EA	18"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	195.47	70.38
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-13.68	
16139-2097	EA	24"-18" Reducer, Vented Bottom, Aluminum Cable Tray.....	217.49	80.38
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.05	
16139-2098	EA	30"-24" Reducer, Vented Bottom, Aluminum Cable Tray.....	242.28	93.91
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-16.40	
16139-2099	EA	36"-30" Reducer, Vented Bottom, Aluminum Cable Tray.....	264.75	105.46
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.69	
16139-2100		Reducers (16139-1960)		
16139-2101	EA	12"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	171.48	59.25
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-12.21	
16139-2102	EA	18"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	195.39	70.38
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-13.68	
16139-2103	EA	18"-9" Reducer, Vented Bottom, Aluminum Cable Tray.....	195.39	70.38
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-13.68	
16139-2104	EA	24"-6" Reducer, Vented Bottom, Aluminum Cable Tray.....	217.60	80.45
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.06	
16139-2105	EA	24"-9" Reducer, Vented Bottom, Aluminum Cable Tray.....	217.60	80.45
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.06	
16139-2106	EA	24"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	217.80	80.52
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-15.07	
16139-2107	EA	30"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	244.32	93.84
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-16.61	
16139-2108	EA	30"-18" Reducer, Vented Bottom, Aluminum Cable Tray.....	242.01	93.77
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-16.39	
16139-2109	EA	36"-12" Reducer, Vented Bottom, Aluminum Cable Tray.....	264.75	105.46
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.69	
16139-2110	EA	36"-18" Reducer, Vented Bottom, Aluminum Cable Tray.....	264.75	105.46
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.69	
16139-2111	EA	36"-24" Reducer, Vented Bottom, Aluminum Cable Tray.....	265.10	105.67
	16MOD-0072	For 4-5/8" Overall Height Instead Of 6", Deduct	-17.70	
16139-2112		Dropout Or End Plate (16139-1960)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2113 EA 6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	57.54	26.00
16139-2114 EA 9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	62.78	28.38
16139-2115 EA 12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	67.61	30.50
16139-2116 EA 18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	76.37	33.67
16139-2117 EA 24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	87.04	37.55
16139-2118 EA 30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	96.42	42.20
16139-2119 EA 36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	110.38	48.33
16139-2120 Covers And Dividers (16139)		
16139-2121 Galvanized Steel Covers (16139-2120)		
16139-2122 Ventilated Straight Sections (16139-2121)		
16139-2123 LF 6" Steel Cable Tray Cover, Straight Section	5.93	1.26
16139-2124 LF 9" Steel Cable Tray Cover, Straight Section	7.15	1.48
16139-2125 LF 12" Steel Cable Tray Cover, Straight Section	8.39	1.69
16139-2126 LF 18" Steel Cable Tray Cover, Straight Section	11.37	2.26
16139-2127 LF 24" Steel Cable Tray Cover, Straight Section	14.44	3.03
16139-2128 LF 30" Steel Cable Tray Cover, Straight Section	17.53	3.73
16139-2129 LF 36" Steel Cable Tray Cover, Straight Section	83.49	42.34
16139-2130 90 Degree, 12" Radius Horizontal Elbows (16139-2121)		
16139-2131 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	35.74	4.51
16139-2132 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	40.00	5.28
16139-2133 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	43.41	6.27
16139-2134 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	58.97	8.03
16139-2135 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	72.25	10.22
16139-2136 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	87.24	11.34
16139-2137 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	105.36	13.53
16139-2138 90 Degree, 24" Radius Horizontal Elbows (16139-2121)		
16139-2139 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	55.09	5.00
16139-2140 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	57.72	5.85
16139-2141 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	65.16	7.05
16139-2142 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	80.86	8.94
16139-2143 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	99.20	11.27
16139-2144 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	127.25	12.96
16139-2145 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	148.04	15.36
16139-2146 90 Degree, 36" Radius Horizontal Elbows (16139-2121)		
16139-2147 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	77.73	5.63
16139-2148 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	86.44	6.48
16139-2149 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	93.80	8.03
16139-2150 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	118.84	9.36
16139-2151 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	144.07	13.03
16139-2152 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	169.69	14.72
16139-2153 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	198.51	16.90
16139-2154 45 Degree, 12" Radius Horizontal Elbows (16139-2121)		
16139-2155 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	27.59	4.51
16MOD-0073 For 60 Degree Bend, Deduct	-7.37	
16MOD-0074 For 30 Degree Bend, Deduct	-12.53	
16139-2156 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	32.80	5.28
16MOD-0073 For 60 Degree Bend, Deduct	-8.80	
16MOD-0074 For 30 Degree Bend, Deduct	-14.96	
16139-2157 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	36.81	6.27
16MOD-0073 For 60 Degree Bend, Deduct	-9.75	
16MOD-0074 For 30 Degree Bend, Deduct	-16.60	
16139-2158 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	44.59	7.68
16MOD-0073 For 60 Degree Bend, Deduct	-11.77	
16MOD-0074 For 30 Degree Bend, Deduct	-20.05	
16139-2159 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	52.05	8.87
16MOD-0073 For 60 Degree Bend, Deduct	-13.76	
16MOD-0074 For 30 Degree Bend, Deduct	-23.43	
16139-2160 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	60.87	10.22
16MOD-0073 For 60 Degree Bend, Deduct	-16.16	
16MOD-0074 For 30 Degree Bend, Deduct	-27.50	
16139-2161 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	67.98	11.27
16MOD-0073 For 60 Degree Bend, Deduct	-18.11	
16MOD-0074 For 30 Degree Bend, Deduct	-30.81	
16139-2162 45 Degree, 24" Radius Horizontal Elbows (16139-2121)		
16139-2163 EA 6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	37.71	5.00
16MOD-0073 For 60 Degree Bend, Deduct	-10.53	
16MOD-0074 For 30 Degree Bend, Deduct	-17.83	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2164 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	42.73	5.85
16MOD-0073 For 60 Degree Bend, Deduct	-11.86	
16MOD-0074 For 30 Degree Bend, Deduct	-20.10	
16139-2165 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	48.97	7.05
16MOD-0073 For 60 Degree Bend, Deduct	-13.45	
16MOD-0074 For 30 Degree Bend, Deduct	-22.81	
16139-2166 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	56.71	8.45
16MOD-0073 For 60 Degree Bend, Deduct	-15.47	
16MOD-0074 For 30 Degree Bend, Deduct	-26.25	
16139-2167 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	65.32	9.66
16MOD-0073 For 60 Degree Bend, Deduct	-17.85	
16MOD-0074 For 30 Degree Bend, Deduct	-30.28	
16139-2168 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	81.22	11.27
16MOD-0073 For 60 Degree Bend, Deduct	-22.47	
16MOD-0074 For 30 Degree Bend, Deduct	-38.08	
16139-2169 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	90.09	13.03
16MOD-0073 For 60 Degree Bend, Deduct	-24.74	
16MOD-0074 For 30 Degree Bend, Deduct	-41.95	
16139-2170 45 Degree, 36" Radius Horizontal Elbows (16139-2121)		
16139-2171 EA 6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	51.96	5.63
16MOD-0073 For 60 Degree Bend, Deduct	-14.99	
16MOD-0074 For 30 Degree Bend, Deduct	-25.30	
16139-2172 EA 9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	58.84	6.48
16MOD-0073 For 60 Degree Bend, Deduct	-16.92	
16MOD-0074 For 30 Degree Bend, Deduct	-28.56	
16139-2173 EA 12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	66.16	8.03
16MOD-0073 For 60 Degree Bend, Deduct	-18.76	
16MOD-0074 For 30 Degree Bend, Deduct	-31.71	
16139-2174 EA 18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	75.47	8.94
16MOD-0073 For 60 Degree Bend, Deduct	-21.48	
16MOD-0074 For 30 Degree Bend, Deduct	-36.30	
16139-2175 EA 24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	91.99	10.92
16MOD-0073 For 60 Degree Bend, Deduct	-26.17	
16MOD-0074 For 30 Degree Bend, Deduct	-44.22	
16139-2176 EA 30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	102.09	13.03
16MOD-0073 For 60 Degree Bend, Deduct	-28.70	
16MOD-0074 For 30 Degree Bend, Deduct	-48.55	
16139-2177 EA 36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	120.69	14.09
16MOD-0073 For 60 Degree Bend, Deduct	-34.42	
16MOD-0074 For 30 Degree Bend, Deduct	-58.15	
16139-2178 90 Degree, 12" Radius Vertical Risers (16139-2121)		
16139-2179 EA 6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	31.04	4.51
16139-2180 EA 9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	32.80	5.28
16139-2181 EA 12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	36.21	6.27
16139-2182 EA 18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	42.21	7.68
16139-2183 EA 24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	46.57	9.94
16139-2184 EA 30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	51.85	11.34
16139-2185 EA 36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	65.12	13.53
16139-2186 90 Degree, 24" Radius Vertical Risers (16139-2121)		
16139-2187 EA 6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	37.10	5.00
16139-2188 EA 9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	41.53	5.85
16139-2189 EA 12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	44.77	7.05
16139-2190 EA 18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	57.88	8.45
16139-2191 EA 24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	67.37	10.92
16139-2192 EA 30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	77.47	13.03
16139-2193 EA 36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	89.24	15.36
16139-2194 90 Degree, 36" Radius Vertical Risers (16139-2121)		
16139-2195 EA 6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	42.94	5.63
16139-2196 EA 9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	53.45	6.48
16139-2197 EA 12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	61.40	8.03
16139-2198 EA 18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	75.47	8.94
16139-2199 EA 24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	88.01	12.47
16139-2200 EA 30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	104.90	14.72
16139-2201 EA 36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	122.92	16.90
16139-2202 12" Radius Horizontal Tees (16139-2121)		
16139-2203 EA 6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	54.86	7.33
16139-2204 EA 9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	57.88	8.45
16139-2205 EA 12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	65.71	9.94
16139-2206 EA 18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	78.82	11.27
16139-2207 EA 24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	97.29	13.03
16139-2208 EA 30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	120.04	18.74
16139-2209 EA 36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	144.28	22.47



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2210 24" Radius Horizontal Tees <small>(16139-2121)</small>		
16139-2211 EA 6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	80.00	7.68
16139-2212 EA 9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	91.66	8.94
16139-2213 EA 12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	96.79	10.57
16139-2214 EA 18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	122.13	12.11
16139-2215 EA 24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	179.40	14.09
16139-2216 EA 30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	212.83	21.14
16139-2217 EA 36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	238.90	26.00
16139-2218 36" Radius Horizontal Tees <small>(16139-2121)</small>		
16139-2219 EA 6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	134.58	8.03
16139-2220 EA 9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	139.23	9.36
16139-2221 EA 12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	155.59	11.27
16139-2222 EA 18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	182.51	13.03
16139-2223 EA 24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	236.83	15.36
16139-2224 EA 30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	269.53	24.23
16139-2225 EA 36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	311.44	30.64
16139-2226 12" Radius Horizontal Crosses <small>(16139-2121)</small>		
16139-2227 EA 6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	80.14	9.94
16139-2228 EA 9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	84.81	10.57
16139-2229 EA 12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	93.82	11.27
16139-2230 EA 18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	110.49	13.03
16139-2231 EA 24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	139.21	18.74
16139-2232 EA 30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	161.04	22.47
16139-2233 EA 36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	184.21	24.16
16139-2234 24" Radius Horizontal Crosses <small>(16139-2121)</small>		
16139-2235 EA 6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	138.83	10.57
16139-2236 EA 9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	150.79	11.27
16139-2237 EA 12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	161.72	12.11
16139-2238 EA 18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	192.60	14.09
16139-2239 EA 24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	241.60	21.14
16139-2240 EA 30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	276.04	26.00
16139-2241 EA 36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	308.43	28.10
16139-2242 36" Radius Horizontal Crosses <small>(16139-2121)</small>		
16139-2243 EA 6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	221.59	11.27
16139-2244 EA 9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	230.13	12.11
16139-2245 EA 12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	242.50	13.03
16139-2246 EA 18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	280.02	15.36
16139-2247 EA 24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	364.29	24.16
16139-2248 EA 30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	399.27	30.78
16139-2249 EA 36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	428.32	33.81
16139-2250 Reducers <small>(16139-2121)</small>		
16139-2251 EA 9"-6" Reducer, Steel Cable Tray Covers.....	35.81	5.28
16139-2252 EA 12"-6" Reducer, Steel Cable Tray Covers.....	38.63	6.27
16139-2253 EA 12"-9" Reducer, Steel Cable Tray Covers.....	38.63	6.27
16139-2254 EA 18"-6" Reducer, Steel Cable Tray Covers.....	42.80	7.68
16139-2255 EA 18"-12" Reducer, Steel Cable Tray Covers.....	42.80	7.68
16139-2256 EA 24"-12" Reducer, Steel Cable Tray Covers.....	52.49	8.45
16139-2257 EA 24"-18" Reducer, Steel Cable Tray Covers.....	56.09	8.45
16139-2258 EA 30"-12" Reducer, Steel Cable Tray Covers.....	54.51	9.66
16139-2259 EA 30"-18" Reducer, Steel Cable Tray Covers.....	58.11	9.66
16139-2260 EA 30"-24" Reducer, Steel Cable Tray Covers.....	60.50	9.66
16139-2261 EA 36"-12" Reducer, Steel Cable Tray Covers.....	63.17	10.57
16139-2262 EA 36"-18" Reducer, Steel Cable Tray Covers.....	64.37	10.57
16139-2263 EA 36"-24" Reducer, Steel Cable Tray Covers.....	65.57	10.57
16139-2264 EA 36"-30" Reducer, Steel Cable Tray Covers.....	66.17	10.57
16139-2265 Aluminum Covers <small>(16139-2120)</small>		
16139-2266 Ventilated Straight Sections <small>(16139-2265)</small>		
16139-2267 LF 6" Aluminum Cable Tray Cover, Straight Section	5.46	1.26
16139-2268 LF 9" Aluminum Cable Tray Cover, Straight Section	6.49	1.48
16139-2269 LF 12" Aluminum Cable Tray Cover, Straight Section	7.59	1.69
16139-2270 LF 18" Aluminum Cable Tray Cover, Straight Section	10.10	2.26
16139-2271 LF 24" Aluminum Cable Tray Cover, Straight Section	13.06	3.03
16139-2272 LF 30" Aluminum Cable Tray Cover, Straight Section	14.99	3.73
16139-2273 LF 36" Aluminum Cable Tray Cover, Straight Section	19.87	4.24



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2274 90 Degree, 12" Radius Horizontal Elbows <small>(16139-2265)</small>		
16139-2275 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	32.50	4.51
16139-2276 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	34.85	5.28
16139-2277 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	38.63	6.27
16139-2278 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	50.28	8.03
16139-2279 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	63.73	10.22
16139-2280 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	74.74	11.34
16139-2281 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	90.94	13.53
16139-2282 90 Degree, 24" Radius Horizontal Elbows <small>(16139-2265)</small>		
16139-2283 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	42.49	5.00
16139-2284 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	52.06	5.85
16139-2285 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	58.44	7.05
16139-2286 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	70.22	8.94
16139-2287 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	87.18	11.27
16139-2288 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	105.23	12.96
16139-2289 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	128.75	15.36
16139-2290 90 Degree, 36" Radius Horizontal Elbows <small>(16139-2265)</small>		
16139-2291 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	67.95	5.63
16139-2292 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	74.88	6.48
16139-2293 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	86.12	8.03
16139-2294 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	102.47	9.36
16139-2295 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	126.95	13.03
16139-2296 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	146.06	14.72
16139-2297 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	170.30	16.90
16139-2298 45 Degree, 12" Radius Horizontal Elbows <small>(16139-2265)</small>		
16139-2299 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	26.00	4.51
16MOD-0075 For 60 Degree Bend, Deduct	-6.84	
16MOD-0076 For 30 Degree Bend, Deduct	-11.66	
16139-2300 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	27.79	5.28
16MOD-0075 For 60 Degree Bend, Deduct	-7.15	
16MOD-0076 For 30 Degree Bend, Deduct	-12.20	
16139-2301 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	31.68	6.27
16MOD-0075 For 60 Degree Bend, Deduct	-8.06	
16MOD-0076 For 30 Degree Bend, Deduct	-13.78	
16139-2302 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	37.21	7.68
16MOD-0075 For 60 Degree Bend, Deduct	-9.34	
16MOD-0076 For 30 Degree Bend, Deduct	-15.99	
16139-2303 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	41.98	8.87
16MOD-0075 For 60 Degree Bend, Deduct	-10.44	
16MOD-0076 For 30 Degree Bend, Deduct	-17.89	
16139-2304 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	51.27	10.22
16MOD-0075 For 60 Degree Bend, Deduct	-12.99	
16MOD-0076 For 30 Degree Bend, Deduct	-22.22	
16139-2305 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	60.03	11.27
16MOD-0075 For 60 Degree Bend, Deduct	-15.49	
16MOD-0076 For 30 Degree Bend, Deduct	-26.44	
16139-2306 45 Degree, 24" Radius Horizontal Elbows <small>(16139-2265)</small>		
16139-2307 EA 6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	29.74	5.00
16MOD-0075 For 60 Degree Bend, Deduct	-7.90	
16MOD-0076 For 30 Degree Bend, Deduct	-13.45	
16139-2308 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	36.86	5.85
16MOD-0075 For 60 Degree Bend, Deduct	-9.93	
16MOD-0076 For 30 Degree Bend, Deduct	-16.87	
16139-2309 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	39.99	7.05
16MOD-0075 For 60 Degree Bend, Deduct	-10.49	
16MOD-0076 For 30 Degree Bend, Deduct	-17.88	
16139-2310 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	48.30	8.45
16MOD-0075 For 60 Degree Bend, Deduct	-12.69	
16MOD-0076 For 30 Degree Bend, Deduct	-21.63	
16139-2311 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	58.46	9.66
16MOD-0075 For 60 Degree Bend, Deduct	-15.58	
16MOD-0076 For 30 Degree Bend, Deduct	-26.51	
16139-2312 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	67.67	11.27
16MOD-0075 For 60 Degree Bend, Deduct	-18.00	
16MOD-0076 For 30 Degree Bend, Deduct	-30.63	
16139-2313 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	78.13	13.03
16MOD-0075 For 60 Degree Bend, Deduct	-20.79	
16MOD-0076 For 30 Degree Bend, Deduct	-35.38	
16139-2314 45 Degree, 36" Radius Horizontal Elbows <small>(16139-2265)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2315 EA 6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	46.26	5.63
16MOD-0075 For 60 Degree Bend, Deduct	-13.11	
16MOD-0076 For 30 Degree Bend, Deduct	-22.17	
16139-2316 EA 9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	51.01	6.48
16MOD-0075 For 60 Degree Bend, Deduct	-14.34	
16MOD-0076 For 30 Degree Bend, Deduct	-24.26	
16139-2317 EA 12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	55.70	8.03
16MOD-0075 For 60 Degree Bend, Deduct	-15.31	
16MOD-0076 For 30 Degree Bend, Deduct	-25.96	
16139-2318 EA 18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	65.89	8.94
16MOD-0075 For 60 Degree Bend, Deduct	-18.32	
16MOD-0076 For 30 Degree Bend, Deduct	-31.03	
16139-2319 EA 24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	80.06	10.92
16MOD-0075 For 60 Degree Bend, Deduct	-22.23	
16MOD-0076 For 30 Degree Bend, Deduct	-37.66	
16139-2320 EA 30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	92.24	13.03
16MOD-0075 For 60 Degree Bend, Deduct	-25.45	
16MOD-0076 For 30 Degree Bend, Deduct	-43.14	
16139-2321 EA 36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	103.81	14.09
16MOD-0075 For 60 Degree Bend, Deduct	-28.85	
16MOD-0076 For 30 Degree Bend, Deduct	-48.87	
16139-2322 90 Degree, 12" Radius Vertical Risers (16139-2265)		
16139-2323 EA 6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	28.79	4.51
16139-2324 EA 9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	30.23	5.28
16139-2325 EA 12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	33.74	6.27
16139-2326 EA 18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	39.94	7.68
16139-2327 EA 24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	44.79	9.94
16139-2328 EA 30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	47.61	11.34
16139-2329 EA 36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	57.25	13.53
16139-2330 90 Degree, 24" Radius Vertical Risers (16139-2265)		
16139-2331 EA 6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	32.72	5.00
16139-2332 EA 9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	36.32	5.85
16139-2333 EA 12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	40.53	7.05
16139-2334 EA 18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	48.82	8.45
16139-2335 EA 24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	56.16	10.92
16139-2336 EA 30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	70.52	13.03
16139-2337 EA 36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	78.83	15.36
16139-2338 90 Degree, 36" Radius Vertical Risers (16139-2265)		
16139-2339 EA 6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	37.56	5.63
16139-2340 EA 9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	45.58	6.48
16139-2341 EA 12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	53.57	8.03
16139-2342 EA 18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	63.72	8.94
16139-2343 EA 24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	78.34	12.47
16139-2344 EA 30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	97.22	14.72
16139-2345 EA 36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	106.27	16.90
16139-2346 12" Radius Horizontal Tees (16139-2265)		
16139-2347 EA 6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	46.99	7.33
16139-2348 EA 9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	50.99	8.45
16139-2349 EA 12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	57.76	9.94
16139-2350 EA 18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	67.67	11.27
16139-2351 EA 24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	83.56	13.03
16139-2352 EA 30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	103.96	18.74
16139-2353 EA 36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	125.40	22.47
16139-2354 24" Radius Horizontal Tees (16139-2265)		
16139-2355 EA 6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	69.24	7.68
16139-2356 EA 9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	77.82	8.94
16139-2357 EA 12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	88.14	10.57
16139-2358 EA 18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	102.62	12.11
16139-2359 EA 24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	154.74	14.09
16139-2360 EA 30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	180.68	21.14
16139-2361 EA 36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	205.03	26.00
16139-2362 36" Radius Horizontal Tees (16139-2265)		
16139-2363 EA 6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	116.49	8.03
16139-2364 EA 9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	120.91	9.36
16139-2365 EA 12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	134.93	11.27
16139-2366 EA 18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	153.05	13.03
16139-2367 EA 24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	192.78	15.36
16139-2368 EA 30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	228.11	24.23
16139-2369 EA 36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover.....	262.70	30.64



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2370 12" Radius Horizontal Crosses <small>(16139-2265)</small>		
16139-2371 EA 6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	69.73	9.94
16139-2372 EA 9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	74.05	10.57
16139-2373 EA 12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	81.78	11.27
16139-2374 EA 18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	97.67	13.03
16139-2375 EA 24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	119.13	18.74
16139-2376 EA 30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	141.64	22.47
16139-2377 EA 36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	160.70	24.16
16139-2378 24" Radius Horizontal Crosses <small>(16139-2265)</small>		
16139-2379 EA 6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	121.83	10.57
16139-2380 EA 9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	130.59	11.27
16139-2381 EA 12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	140.61	12.11
16139-2382 EA 18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	163.42	14.09
16139-2383 EA 24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	202.35	21.14
16139-2384 EA 30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	238.62	26.00
16139-2385 EA 36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	258.49	28.10
16139-2386 36" Radius Horizontal Crosses <small>(16139-2265)</small>		
16139-2387 EA 6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	185.94	11.27
16139-2388 EA 9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	194.88	12.11
16139-2389 EA 12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	209.48	13.03
16139-2390 EA 18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	231.85	15.36
16139-2391 EA 24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	295.37	24.16
16139-2392 EA 30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	344.34	30.78
16139-2393 EA 36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	376.52	33.81
16139-2394 Reducers <small>(16139-2265)</small>		
16139-2395 EA 9"-6" Reducer, Aluminum Cable Tray Covers.....	35.40	5.28
16139-2396 EA 12"-6" Reducer, Aluminum Cable Tray Covers.....	38.10	6.27
16139-2397 EA 12"-9" Reducer, Aluminum Cable Tray Covers.....	38.10	6.27
16139-2398 EA 18"-6" Reducer, Aluminum Cable Tray Covers.....	43.19	7.68
16139-2399 EA 18"-12" Reducer, Aluminum Cable Tray Covers.....	43.19	7.68
16139-2400 EA 24"-12" Reducer, Aluminum Cable Tray Covers.....	47.73	8.45
16139-2401 EA 24"-18" Reducer, Aluminum Cable Tray Covers.....	52.05	8.45
16139-2402 EA 30"-12" Reducer, Aluminum Cable Tray Covers.....	55.18	9.66
16139-2403 EA 30"-18" Reducer, Aluminum Cable Tray Covers.....	56.80	9.66
16139-2404 EA 30"-24" Reducer, Aluminum Cable Tray Covers.....	57.91	9.66
16139-2405 EA 36"-12" Reducer, Aluminum Cable Tray Covers.....	60.99	10.57
16139-2406 EA 36"-18" Reducer, Aluminum Cable Tray Covers.....	62.08	10.57
16139-2407 EA 36"-24" Reducer, Aluminum Cable Tray Covers.....	62.62	10.57
16139-2408 EA 36"-30" Reducer, Aluminum Cable Tray Covers.....	63.16	10.57
16139-2409 Galvanized Steel Dividers <small>(16139-2120)</small>		
16139-2410 Straight Dividers <small>(16139-2409)</small>		
16139-2411 LF 3" Deep Galvanized Steel Divider Strip, Straight.....	6.12	1.69
16139-2412 LF 4" Deep Galvanized Steel Divider Strip, Straight.....	7.19	1.83
16139-2413 LF 6" Deep Galvanized Steel Divider Strip, Straight.....	8.86	2.12
16139-2414 3" Deep Vertical Dividers <small>(16139-2409)</small>		
16139-2415 EA Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	36.35	12.11
16139-2416 EA Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	41.19	12.54
16139-2417 EA Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	43.30	13.03
16139-2418 EA Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	49.54	13.53
16139-2419 EA Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	47.14	13.53
16139-2420 EA Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	51.06	14.09
16139-2421 EA Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	59.31	14.72
16139-2422 EA Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	73.04	15.36
16139-2423 EA Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable.....	58.65	15.36
16139-2424 EA Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	65.24	16.13
16139-2425 EA Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	73.16	16.90
16139-2426 EA Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	92.05	17.83
16139-2427 4" Deep Vertical Dividers <small>(16139-2409)</small>		
16139-2428 EA Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	41.49	12.54
16139-2429 EA Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	45.70	13.03
16139-2430 EA Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	49.54	13.53
16139-2431 EA Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	56.46	14.09
16139-2432 EA Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	56.46	14.09
16139-2433 EA Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	65.91	14.72
16139-2434 EA Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	72.44	15.36



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	89.23	16.13
16139-2436	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	62.91	14.72
16139-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	69.44	15.36
16139-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	62.03	16.13
16139-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	103.16	16.90
16139-2440		6" Deep Vertical Dividers <small>(16139-2409)</small>		
16139-2441	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	45.96	14.09
16139-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	49.71	14.72
16139-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	54.45	15.36
16139-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	62.84	16.13
16139-2445	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	57.51	14.72
16139-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	67.05	15.36
16139-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	74.23	16.13
16139-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	90.56	16.90
16139-2449	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	64.05	15.36
16139-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	74.23	16.13
16139-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	90.56	16.90
16139-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	110.05	17.83
16139-2453		Horizontal Dividers <small>(16139-2409)</small>		
16139-2454	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	40.14	10.22
16139-2455	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	44.61	11.27
16139-2456	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	53.85	12.54
16139-2457		Aluminum Dividers <small>(16139-2120)</small>		
16139-2458		Straight Dividers <small>(16139-2457)</small>		
16139-2459	LF	3" Deep Aluminum Divider Strip, Straight	5.66	1.62
16139-2460	LF	4" Deep Aluminum Divider Strip, Straight	6.65	1.76
16139-2461	LF	6" Deep Aluminum Divider Strip, Straight	8.14	1.98
16139-2462		3" Deep Vertical Dividers <small>(16139-2457)</small>		
16139-2463	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	31.87	11.69
16139-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	34.80	12.11
16139-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	38.00	12.54
16139-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	43.41	13.03
16139-2467	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	42.32	13.03
16139-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	46.42	13.53
16139-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	53.31	14.09
16139-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	65.21	14.72
16139-2471	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	55.98	14.72
16139-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	66.35	15.36
16139-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	79.48	16.13
16139-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	97.09	16.90
16139-2475		4" Deep Vertical Dividers <small>(16139-2457)</small>		
16139-2476	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	37.68	12.11
16139-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	41.20	12.54
16139-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	45.03	13.03
16139-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	50.21	13.53
16139-2480	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	49.67	13.53
16139-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	57.10	14.09
16139-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	64.12	14.72
16139-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	79.91	15.36
16139-2484	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	65.79	14.09
16139-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	78.77	14.72
16139-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	91.85	15.36
16139-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	110.41	16.13
16139-2488		6" Deep Vertical Dividers <small>(16139-2457)</small>		
16139-2489	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	41.75	13.53
16139-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	46.25	14.09
16139-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	48.39	14.72
16139-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	53.87	15.36
16139-2493	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	51.68	14.09
16139-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	63.04	14.72
16139-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	67.98	15.36
16139-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	84.36	16.13
16139-2497	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	67.38	14.72
16139-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	83.17	15.36
16139-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	94.67	16.13
16139-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	109.57	16.90



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16139-2501		Horizontal Dividers <small>(16139-2457)</small>		
16139-2502	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	35.88	9.66
16139-2503	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	39.33	10.57
16139-2504	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	48.20	11.69
16139-2505		Wall Brackets <small>(16139)</small>		
16139-2506		Wall Brackets <small>(16139-2505)</small>		
16139-2507	EA	6" Wide Tray Wall Bracket	39.25	14.09
16139-2508	EA	9" Wide Tray Wall Bracket	40.75	14.72
16139-2509	EA	12" Wide Tray Wall Bracket	44.14	15.36
16139-2510	EA	18" Wide Tray Wall Bracket	46.69	16.13
16139-2511	EA	24" Wide Tray Wall Bracket	50.27	16.90
16139-2512	EA	30" Wide Tray Wall Bracket	58.08	17.83
16139-2513	EA	36" Wide Tray Wall Bracket	67.78	19.02
16140		Wiring Devices <small>(16100)</small>		
		Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
16140-0001		Receptacles <small>(16140)</small>		
16140-0002		General Use Receptacles <small>(16140-0001)</small>		
16140-0003		Receptacle Assemblies <small>(16140-0002)</small>		
16140-0004	EA	1 Gang, 15 A, NEMA 5-15, Duplex Receptacle Assembly	52.69	15.15
		Note: Includes box, receptacle and cover plate		
16140-0005	EA	1 Gang, 20 A, NEMA 5-20, Duplex Receptacle Assembly	53.69	16.20
		Note: Includes box, receptacle and cover plate		
16140-0006	EA	2 Gang, 15 A, NEMA 5-15, Duplex Receptacle Assembly	86.72	23.77
		Note: Includes box, receptacle and cover plate		
16140-0007	EA	2 Gang, 20 A, NEMA 5-20, Duplex Receptacle Assembly	91.71	25.89
		Note: Includes box, receptacle and cover plate		
16140-0008	EA	1 Gang, 15 A, GFI, Duplex Receptacle Assembly	57.90	15.15
		Note: Includes box, receptacle and cover plate		
16140-0009	EA	1 Gang, 20 A, GFI, Duplex Receptacle Assembly	58.56	15.15
		Note: Includes box, receptacle and cover plate		
16140-0010		Receptacle Components <small>(16140-0002)</small>		
16140-0011	EA	15 A, NEMA 5-15, Single Receptacle, 125 V, 1 Phase	15.51	7.05
16140-0012	EA	15 A, NEMA 5-15, Duplex Receptacle, 125 V, 1 Phase	15.21	7.05
16140-0013	EA	15 A, Single Receptacle, 120/277 Volt, 3 Wire	17.00	7.05
16140-0014	EA	15 A, Duplex Receptacle, 120/277 Volt, 3 Wire	18.04	7.05
16140-0015	EA	15 A, NEMA 6-15, Single Receptacle, 250 V, 1 Phase	22.89	8.80
16140-0016	EA	15 A, NEMA 6-15, Duplex Receptacle, 250 V, 1 Phase	26.29	8.80
16140-0017	EA	20 A, NEMA 5-20, Single Receptacle, 125 V, 1 Phase	15.91	7.05
16140-0018	EA	20 A, NEMA 5-20, Duplex Receptacle, 125 V, 1 Phase	15.59	7.05
16140-0019	EA	20 A, Single Receptacle, 120/277 V	20.27	7.05
16140-0020	EA	20 A, Duplex Receptacle, 120/277 V	19.81	7.05
16140-0021	EA	20 A, NEMA 6-20, Single Receptacle, 250 V, 1 Phase	22.89	8.80
16140-0022	EA	20 A, NEMA 6-20, Duplex Receptacle, 250 V, 1 Phase	26.29	8.80
16140-0023	EA	20 A, NEMA 14-20, Single Receptacle, 125/250 V, 1 Phase	37.22	8.80
16140-0024	EA	20 A, NEMA 15-20, Single Receptacle, 250 V, 3 Phase	37.22	8.80
16140-0025	EA	25 A, Duplex Receptacle, 120/277 V	33.73	10.57
16140-0026		Specialty Receptacles <small>(16140-0001)</small>		
16140-0027		Specialty <small>(16140-0026)</small>		
16140-0028	EA	30 A, NEMA 5-30, Single Receptacle, 125 V, 1 Phase	32.38	12.33
16140-0029	EA	30 A, NEMA 6-30, Single Receptacle, 250 V, 1 Phase	32.38	12.33
16140-0030	EA	30 A, NEMA 10-30 Single Receptacles, 125/250 V	43.86	12.33
16140-0031	EA	30 A, NEMA 14-30, Single Receptacle, 125/250 V, 1 Phase	44.25	12.33
16140-0032	EA	30 A, NEMA 15-30, Single Receptacle, 250 V, 3 Phase	47.77	14.09
16140-0033	EA	50 A, NEMA 5-50, Single Receptacle, 125 V, 1 Phase	44.94	14.09
16140-0034	EA	50 A, NEMA 6-50, Single Receptacle, 250 V, 1 Phase	44.14	14.09
16140-0035	EA	50 A, NEMA 7-50 Single Receptacles, 277 V	40.02	14.09
16140-0036	EA	50 A, NEMA 10-50 Single Receptacles, 125/250 V	52.77	14.09
16140-0037	EA	50 A, NEMA 14-50, Single Receptacle, 125/250 V, 1 Phase	52.12	14.09
16140-0038	EA	50 A, NEMA 15-50, Single Receptacle, 250 V, 3 Phase	55.65	15.85
16140-0039	EA	60 A, NEMA 14-60, Single Receptacle, 125/250 V, 1 Phase	61.35	17.62
16140-0040	EA	60 A, NEMA 15-60, Single Receptacle, 250 V, 3 Phase	68.40	21.14
16140-0041	EA	100 Amp, 3 Phase, 480 V Joy Receptacle With Box - Complete	621.88	165.55
16140-0042	EA	400 Amp, 4 Pole Weatherproof Generator Receptacle With Box - Complete	1,368.29	202.53
16140-0043	EA	Dryer Receptacle, 230 V, 30 Amp	38.16	14.09
16140-0044	EA	Range Receptacle, 230 V, 60 Amp	56.27	21.14
16140-0045	EA	Clock Hanger Receptacle, 120/277 V, 15 Or 20 A	32.50	8.80
16140-0046	EA	Cable Reel With 20 A, 120 V Receptacle - Complete	683.83	214.66



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16140-0047 Isolated Ground Receptacles (16140-0026)		
16140-0048 EA 15A, 125 V, NEMA 5-15R Isolated Ground Receptacle, Simplex..... Note: 2 Pole, 3 wire	46.23	7.05
16140-0049 EA 20 A, 120 V Isolated Ground Receptacles, Simplex	28.62	8.80
16140-0050 EA 20 A, 120 V Isolated Ground Receptacles, Duplex.....	28.54	8.80
16140-0051 EA 30 A, 120 V Isolated Ground Receptacles, Simplex	41.06	14.09
16140-0052 EA Locking 15 A, 250 V Isolated Ground Receptacles.....	31.24	8.80
16140-0053 EA Locking 15 A, 277 V Isolated Ground Receptacles.....	29.20	8.80
16140-0054 EA Locking 20 A, 120/208 V Isolated Ground Receptacles.....	39.10	10.57
16140-0055 EA Locking 20 A, 277/480 V Isolated Ground Receptacles.....	32.75	10.57
16140-0056 EA Locking 20 A, 347/600 V Isolated Ground Receptacles.....	39.86	10.57
16140-0057 EA Locking 30 A, 120/208 V Isolated Ground Receptacles.....	46.78	10.57
16140-0058 EA Locking 30 A, 277 V Isolated Ground Receptacles.....	48.93	14.09
16140-0059 Explosion Proof Receptacles (16140-0026)		
16140-0060 EA 20 A, 120 V, Simplex Receptacle, Explosion Proof	220.53	22.89
16140-0061 EA 1/2", 20 A, 2 Watt, 3 Phase Type CPS Receptacle Explosion Proof	269.25	17.62
16140-0062 EA 3/4", 20 A 2 Watt, 3 Phase Type CPS Receptacle Explosion Proof	255.30	19.37
16140-0063 EA 3/4", 30 A 2 Watt, 3 Phase Type CESS, CESD Receptacle..... Note: Explosion Proof	361.10	35.22
16140-0064 EA 3/4", 30 A 3 Watt, 4 Phase Type CESS, CESD Receptacle	383.36	35.22
16140-0065 EA 1-1/4", 60 A 2 Watt, 4 Phase Type CES, CESD Receptacle	468.71	52.84
16140-0066 EA 1-1/4", 60 A 3 Watt, 4 Phase Type CES, CESD Receptacle	513.49	52.84
16140-0067 Ground Fault Interrupter (16140-0026)		
16140-0068 EA 15 Amp GFI, Duplex Receptacle	18.66	8.80
16140-0069 EA 20 Amp GFI, Duplex Receptacle	28.13	10.57
16140-0070 Locking Receptacle (16140-0026)		
16140-0071 EA Locking, 15 A, 250 V, NEMA L15-15 Power Receptacles, 2 Phase	37.66	8.80
16140-0072 EA Locking, 15 A, 250 V, NEMA L16-15 Power Receptacles, 2 Phase	38.85	8.80
16140-0073 EA Locking, 20 A, 125 V, NEMA L5-20 Power Receptacles	28.87	10.57
16140-0074 EA Locking, 20 A, 250 V, NEMA L6-20 Power Receptacles	28.91	10.57
16140-0075 EA Locking, 20 A, 480 V, NEMA L8-20 Power Receptacles	30.52	10.57
16140-0076 EA Locking, 20 A, 600 V, NEMA L9-20 Power Receptacles	34.23	10.57
16140-0077 EA Locking, 20 A, 125/250 V, NEMA L10-20 Power Receptacles	32.02	10.57
16140-0078 EA Locking, 20 A, 125/250 V, NEMA L14-20 Power Receptacles	32.58	10.57
16140-0079 EA Locking, 30 A, 120 VAC, NEMA L5-30 Power Receptacles.....	37.02	14.09
16140-0080 EA Locking, 30 A, 250 VAC, NEMA L6-30 Power Receptacles.....	37.53	14.09
16140-0081 EA Locking, 30 A, 250 V, NEMA L15-30 Power Receptacles, 3 Phase	42.92	14.09
16140-0082 Pin And Sleeve Receptacle (16140-0026)		
16140-0083 EA Pin And Sleeve, 20 A, 120/208 V Power Receptacles And Box	82.80	17.62
16MOD-0077 For Straight Plug, Add	70.21	
16140-0084 EA Pin And Sleeve, 20 A, 277/480 V Power Receptacles And Box	82.80	17.62
16MOD-0077 For Straight Plug, Add	70.21	
16140-0085 EA Pin And Sleeve, 30 A, 120/208 V Power Receptacles And Box	100.95	21.14
16MOD-0078 For Straight Plug, Add	103.06	
16140-0086 EA Pin And Sleeve, 30 A, 277/480 V Power Receptacles And Box	100.95	21.14
16MOD-0078 For Straight Plug, Add	103.06	
16140-0087 EA Pin And Sleeve, 60 A, 120/208 V Power Receptacles And Box	203.81	35.22
16MOD-0079 For Straight Plug, Add	128.99	
16140-0088 EA Pin And Sleeve, 60 A, 277/480 V Power Receptacles And Box	203.81	35.22
16MOD-0079 For Straight Plug, Add	128.99	
16140-0089 EA Pin And Sleeve, 100 A, 120/208 V Power Receptacles And Box	276.45	44.03
16MOD-0080 For Straight Plug, Add	210.48	
16140-0090 EA Pin And Sleeve, 100 A, 277/480 V Power Receptacles And Box	276.45	44.03
16MOD-0080 For Straight Plug, Add	210.48	
16140-0091 EA Pin And Sleeve, 200 A, 120/208 V Power Receptacles And Box	411.34	52.84
16MOD-0081 For Straight Plug, Add	317.87	
16140-0092 Corrosion Resistant Receptacle (16140-0026)		
16140-0093 EA Corrosion Resistant, 15/20 A, 125 V Power Receptacles.....	32.26	7.05
16140-0094 EA Corrosion Resistant, 15/20 A, 250 V Power Receptacles.....	60.57	8.80
16140-0095 Handy Box And Receptacle Assembly (16140-0001)		
Note: Includes box, receptacle and cover.		
16140-0096 EA 1-1/2" Deep Handy Box, With 15 A Single Receptacle - Complete	29.28	13.39
16140-0097 EA 1-1/2" Deep Handy Box, With 15 A Duplex Receptacle - Complete	29.40	13.39
16140-0098 EA 1-1/2" Deep Handy Box, With 20 A Single Receptacle - Complete	30.29	13.39



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16140-0099	EA	1-1/2" Deep Handy Box, With 20 A Duplex Receptacle - Complete	31.69	13.39
16140-0100	EA	1-7/8" Deep Handy Box, With 15 A Single Receptacle - Complete.....	30.59	14.09
16140-0101	EA	1-7/8" Deep Handy Box, With 15 A Duplex Receptacle - Complete	30.72	14.09
16140-0102	EA	1-7/8" Deep Handy Box, With 20 A Single Receptacle - Complete.....	31.61	14.09
16140-0103	EA	1-7/8" Deep Handy Box, With 20 A Duplex Receptacle - Complete	33.00	14.09
16140-0104	EA	2-1/8" Deep Handy Box, With 15 A Single Receptacle - Complete.....	32.93	15.15
16140-0105	EA	2-1/8" Deep Handy Box, With 15 A Duplex Receptacle - Complete	33.05	15.15
16140-0106	EA	2-1/8" Deep Handy Box, With 20 A Single Receptacle - Complete.....	33.94	15.15
16140-0107	EA	2-1/8" Deep Handy Box, With 20 A Duplex Receptacle - Complete	35.34	15.15
16140-0108		Switches <small>(16140)</small>		
16140-0109		Switches <small>(16140-0108)</small>		
16140-0110		Switch Assemblies <small>(16140-0109)</small>		
16140-0111	EA	1 Gang, 15 A, 120/277 V, SPST, Switch Assembly	56.49	16.20
		Note: Includes box, switch and cover plate		
16140-0112	EA	1 Gang, 20 A, 120/277 V, SPST, Switch Assembly	56.67	16.20
		Note: Includes box, switch and cover plate		
16140-0113	EA	2 Gang, 15 A, 120/277 V, SPST, Switch Assembly	90.07	23.77
		Note: Includes box, switch and cover plate		
16140-0114	EA	2 Gang, 20A, 120/277 V, SPST, Switch Assembly	94.67	25.89
		Note: Includes box, switch and cover plate		
16140-0115	EA	3 Gang, 15A, 120/277 V, SPST, Switch Assembly	105.52	32.76
		Note: Includes box, switch and cover plate		
16140-0116	EA	3 Gang, 20A, 120/277 V, SPST, Switch Assembly	112.43	35.92
		Note: Includes box, switch and cover plate		
16140-0117	EA	4 Gang, 15A, 120/277 V, SPST, Switch Assembly	134.90	41.74
		Note: Includes box, switch and cover plate		
16140-0118	EA	4 Gang, 20A, 120/277 V, SPST, Switch Assembly	144.11	45.96
		Note: Includes box, switch and cover plate		
16140-0119		Switch Components <small>(16140-0109)</small>		
16140-0120	EA	15 A, 120/277 V, SPST Switch	16.88	7.05
16140-0121	EA	15 A, 120/277 V, 3-Way Switch	21.29	8.80
16140-0122	EA	15 A, 120/277 V, 4-Way Switch	38.82	14.09
16140-0123	EA	15 A, 120/277 V, DPST Switch	18.51	7.05
16140-0124	EA	15 A, 120/277 V, Thermal Switch.....	31.51	8.80
16140-0125	EA	20 A, 120/277 V SPST Switch	20.60	8.80
16140-0126	EA	20 A, 120/277 V 3-Way Switch	25.22	10.57
16140-0127	EA	20 A, 120/277 V 4-Way Switch	48.49	14.09
16140-0128	EA	20 A, 120/277 V DPST Switch	23.21	8.80
16140-0129	EA	20 A, 120/277 V DPDT Switch.....	24.36	8.80
16140-0130	EA	15A 120/277 V, Single Pole, Momentary Contact Switch, Toggle	41.83	8.82
		Note: Three Position, Center Off		
16140-0131	EA	15A, 120/277 V, Momentary Contact Switch, Key Operated	52.36	8.82
		Note: Single Pole, Three Position, Center Off		
16140-0132	EA	Momentary Contact Switch With Separate Neon Pilot.....	40.58	10.59
		Note: Neon Pilot is 125 V, 1/125W		
16140-0133	EA	20 A 125 VAC, Single Pole, Maintained Contact Switch	30.44	12.33
		Note: With Center Off. Or 250 VAC 10 Amp, Double Throw BAT Handle		
16140-0134	EA	20 A 125 VAC, Double Pole, Maintained Contact Switch	36.60	14.09
		Note: Or 250 VAC 10 Amp, With Center Off Double Throw BAT Handle		
16140-0135	EA	20 A 125 VAC, Three Pole, Maintained Contact Switch	48.52	14.09
		Note: Or 250 VAC 10 Amp, With Center Off Double Throw BAT Handle		
16140-0136	EA	30 A 120/277 V, Single Pole Local Switch	42.86	14.11
16140-0137	EA	30A 120/277 V, Double Pole Local Switch.....	52.33	14.11
16140-0138	EA	30A 120/277 V, Three-Way Local Switch	55.18	17.65
16140-0139	EA	30A 120/277 V, Four-Way Local Switch	76.22	19.41
16140-0140	EA	Local Switch With Neon Pilot, 120/277 V, 15Amp.....	23.09	11.54
16140-0141	EA	Local Switch With Separate Neon Pilot, 120/277 V, 15Amp	23.09	11.54
		Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation		
16140-0142	EA	Lighted Toggle Switch, Clear Toggle, Lighted In On Position	23.09	11.54
		Note: 15A, 120 V, Single Pole		
16140-0143	EA	Lighted Toggle Switch, Ivory Toggle, Lighted In Off Position.....	23.09	11.54
		Note: 15A, 120 V		
16140-0144	EA	Automatic Door Switch, Door Open-Light On, 6A, 125 V.....	11.43	5.72
16140-0145	EA	Automatic Door Switch, Door Closed-Light On, 6A, 125 V	11.43	5.72
16140-0146	EA	Momentary Contact Switch, Three Position, Center Off, Toggle.....	22.02	22.02
		Note: 15A, 120/277 V, Single Pole		
16140-0147	EA	Momentary Contact Switch, Three Position, Center Off, Key Operated.....	65.56	22.02
		Note: 15A, 120/277 V, Single Pole		
16140-0148		Specialty Switches <small>(16140-0108)</small>		
16140-0149		Dimmers With SPST Switch <small>(16140-0148)</small>		
16140-0150	EA	600 W Dimmers With SPST Switch	37.73	15.85
16140-0151	EA	1000 W Dimmers With SPST Switch	56.58	15.85
16140-0152	EA	1500 W Dimmers With SPST Switch	99.70	25.50
16140-0153	EA	2000 W Dimmers With SPST Switch	123.76	25.50



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16140-0154	EA	600 W Fluorescent Dimmer Switch.....	72.26	18.81
16140-0155	EA	1000 W Fluorescent Dimmer Switch.....	92.96	18.81
16140-0156	EA	1500 W Fluorescent Dimmer Switch.....	164.12	28.38
16140-0157	EA	Remote Speed Switch For Paddle Fan.....	60.23	23.46
16140-0158	EA	600 W Combination Remote Speed Switch/Incandescent Dimmer	96.66	35.01
16140-0159		Time Switches <small>(16140-0148)</small>		
16140-0160	EA	40 A, SPST, 125 V, Standard Time Switch.....	64.04	21.14
16140-0161	EA	40 A, SPST, 277 V, Standard Time Switch.....	65.13	21.14
16140-0162	EA	40 A, DPST, 125 V, Standard Time Switch.....	64.04	21.14
16140-0163	EA	40 A, DPST, 277 V, Standard Time Switch.....	65.13	21.14
16140-0164	EA	40 A, SPST, 125 V, 7-Day Time Switch.....	71.30	21.14
16140-0165	EA	40 A, SPST, 277 V, 7-Day Time Switch.....	71.30	21.14
16140-0166	EA	40 A, DPDT, 125 V, 7-Day Time Switch	114.12	21.14
16140-0167	EA	40 A, DPDT, 277 V, 7-Day Time Switch	114.12	21.14
16140-0168	EA	20 A, SPST, 125 V, Programmable Time Switch.....	100.39	21.14
16140-0169	EA	20 A, SPST, 277 V, Programmable Time Switch.....	108.78	21.14
16140-0170	EA	20 A, SPST, 277 V, Programmable Time Switch - Weatherproof	108.78	21.14
16140-0171	EA	40 A, 4PST, 125 V, Astro Dial Time Switch.....	128.60	21.14
16140-0172	EA	40 A, 4PST, 277 V, Astro Dial Time Switch.....	131.94	21.14
16140-0173	EA	40 A, SPST, 125 V, Standard Time Switch - Weatherproof.....	64.04	21.14
16140-0174	EA	40 A, SPST, 277 V, Standard Time Switch - Weatherproof.....	65.13	21.14
16140-0175	EA	40 A, DPST, 125 V, Standard Time Switch - Weatherproof.....	64.04	21.14
16140-0176	EA	40 A, DPST, 277 V, Standard Time Switch - Weatherproof.....	65.13	21.14
16140-0177	EA	40 A, SPST, 125 V, 7-Day Time Switch - Weatherproof.....	71.30	21.14
16140-0178	EA	40 A, SPST, 277 V, 7-Day Time Switch - Weatherproof.....	71.30	21.14
16140-0179	EA	40 A, DPDT, 125 V, 7-Day Time Switch - Weatherproof.....	114.12	21.14
16140-0180	EA	40 A, DPDT, 277 V, 7-Day Time Switch - Weatherproof.....	114.12	21.14
16140-0181	EA	40 A, 4PST, 125 V, Astro Dial Time Switch - Weatherproof.....	128.60	21.14
16140-0182	EA	40 A, 4PST, 277 V, Astro Dial Time Switch - Weatherproof.....	131.94	21.14
16140-0183		Weatherproof Switches <small>(16140-0148)</small>		
16140-0184	EA	20 Amp, 120 V, SPST Switch, Weatherproof.....	23.93	10.57
16140-0185	EA	20 Amp, 120 V, 3-Way Switch, Weatherproof.....	31.84	14.09
16140-0186	EA	20 Amp, 120 V, 4-Way Switch, Weatherproof.....	45.87	17.62
16140-0187	EA	20 Amp, 120 V, Thermal Switch, Weatherproof.....	44.87	14.09
16140-0188		Low Voltage Switching <small>(16140-0148)</small>		
16140-0189	EA	36 Pin Male Or Female Connector.....	84.49	7.05
16140-0190		Other Switches <small>(16140-0148)</small>		
16140-0191	EA	Locking Switch, SPST Concealed Devices.....	65.70	28.17
16140-0192	EA	Locking Switch, 3-Way Concealed Devices.....	66.30	28.17
16140-0193	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	69.30	26.35
16140-0194	EA	15A Momentary Contact Switch.....	66.92	26.35
16140-0195	EA	20A Momentary Contact Switch.....	69.42	26.35
16140-0196		Plates And Covers <small>(16140)</small>		
16140-0197		Wall Plates <small>(16140-0196)</small>		
16140-0198		Nylon Wall Plates <small>(16140-0197)</small>		
16140-0199	EA	1 Gang Nylon Switch Plate.....	1.04	0.35
16140-0200	EA	2 Gang Nylon Switch Plate.....	1.74	0.53
16140-0201	EA	3 Gang Nylon Switch Plate.....	2.48	0.70
16140-0202	EA	4 Gang Nylon Switch Plate.....	3.52	0.88
16140-0203	EA	1 Gang Duplex Nylon Wall Plate.....	1.05	0.35
16140-0204	EA	2 Gang Duplex Nylon Wall Plate.....	1.78	0.53
16140-0205		Plastic Wall Plates <small>(16140-0197)</small>		
16140-0206	EA	1 Gang Plastic Switch Plate.....	0.98	0.35
16140-0207	EA	2 Gang Plastic Switch Plate.....	1.60	0.53
16140-0208	EA	3 Gang Plastic Switch Plate.....	2.50	0.70
16140-0209	EA	4 Gang Plastic Switch Plate.....	3.52	0.88
16140-0210	EA	1 Gang Duplex Plastic Wall Plate.....	0.98	0.35
16140-0211	EA	2 Gang Duplex Plastic Wall Plate.....	1.61	0.53
16140-0212		Brass Wall Plates <small>(16140-0197)</small>		
16140-0213	EA	1 Gang 0.04" Brass Switch Plate.....	9.67	1.59
16140-0214	EA	2 Gang 0.04" Brass Switch Plate.....	17.77	1.84
16140-0215	EA	3 Gang 0.04" Brass Switch Plate.....	25.80	2.05
16140-0216	EA	4 Gang 0.04" Brass Switch Plate.....	39.83	2.22
16140-0217	EA	5 Gang 0.04" Brass Switch Plate.....	48.41	2.36



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16140-0218	EA	6 Gang 0.04" Brass Switch Plate	55.94	2.47
16140-0219	EA	1 Gang 0.04" Brass Duplex Receptacle Wall Plate.....	9.67	1.59
16140-0220	EA	2 Gang 0.04" Brass Duplex Receptacle Wall Plate.....	20.73	1.84
16140-0221	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate.....	29.70	2.05
16140-0222		Stainless Steel Wall Plates (16140-0197)		
16140-0223	EA	1 Gang, 302 Stainless Steel Switch Plate	5.40	1.59
		Note: With Satin Finish		
16140-0224	EA	2 Gang, 302 Stainless Steel Switch Plate.....	8.44	1.84
		Note: With Satin Finish		
16140-0225	EA	3 Gang, 302 Stainless Steel Switch Plate.....	11.63	2.05
		Note: With Satin Finish		
16140-0226	EA	4 Gang, 302 Stainless Steel Switch Plate.....	16.82	2.22
		Note: With Satin Finish		
16140-0227	EA	5 Gang, 302 Stainless Steel Switch Plate.....	19.73	2.36
		Note: With Satin Finish		
16140-0228	EA	6 Gang, 302 Stainless Steel Switch Plate.....	23.74	2.47
		Note: With Satin Finish		
16140-0229	EA	1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate	5.87	1.59
		Note: With Satin Finish		
16140-0230	EA	2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate	9.54	1.84
		Note: With Satin Finish		
16140-0231	EA	3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate	15.30	2.05
		Note: With Satin Finish		
16140-0232	EA	4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate	18.41	2.22
		Note: With Satin Finish		
16140-0233		Chrome Wall Plates (16140-0197)		
16140-0234	EA	1 Gang 0.040" Chrome Switch Plate With Chromium Finish	18.86	1.59
16140-0235	EA	2 Gang 0.040" Chrome Switch Plate With Chromium Finish	34.99	1.84
16140-0236	EA	3 Gang 0.040" Chrome Switch Plate With Chromium Finish	51.09	2.05
16140-0237	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate.....	18.84	1.59
		Note: With Chromium Finish		
16140-0238		Weatherproof Covers (16140-0196)		
16140-0239	EA	Weatherproof Covers, One Gang, Vertical Duplex Receptacle	33.49	5.11
		Note: Heavy Cast Aluminum		
16140-0240	EA	Weatherproof Covers, Duplex Receptacle, Two Doors Horizontal.....	40.32	5.11
		Note: Heavy Cast Aluminum		
16140-0241	EA	Thermoplastic Weatherproof Cover, For Vertical FS/FD Mounting.....	51.98	5.11
		Note: Duplex receptacle		
16140-0242	EA	Thermoplastic Weatherproof Cover, For Vertical Device Mounting	51.98	5.11
		Note: Duplex receptacle		
16140-0243		Removal And Reinstallation Of Wiring Devices (16140)		
		Note: Includes storage and cleaning		
16140-0244	EA	Remove And Reinstall Receptacle, Switch, Outlet Or Special System Device.....	46.34	
16140-0245	EA	Remove And Reinstall Receptacle Or Switch Outlet Cover Plate	5.88	
16140-0246		In Line Midget Fuseholders (16140)		
		See CSI section 16181-0093 for fuses.		
16140-0247	EA	Single Pole Water Resistant In Line Midget Fuseholder	46.56	
16140-0248	EA	Double Pole Water Resistant In Line Midget Fuseholder.....	100.31	
16150 Motors (16100)				
16150-0001		Premium Efficient, Motors (16150)		
		Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 16152-0000 for installation.		
16150-0002		Premium Efficient, Open Drip Proof Motors (16150-0001)		
		Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
16150-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors (16150-0002)		
16150-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	329.75	
16150-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	373.39	
16150-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	437.76	
16150-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	367.66	
16150-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	390.55	
16150-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	512.15	
16150-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	432.04	
16150-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	418.45	
16150-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	523.60	
16150-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	437.76	
16150-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	451.35	
16150-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	666.66	
16150-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	477.82	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16150-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	494.27	
16150-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	873.38	
16150-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	758.22	
16150-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	726.74	
16150-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,047.20	
16150-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	866.94	
16150-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	879.82	
16150-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,362.65	
16150-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,231.75	
16150-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,246.05	
16150-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,837.61	
16150-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,447.05	
16150-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,564.36	
16150-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,236.74	
16150-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,737.46	
16150-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,906.99	
16150-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,701.69	
16150-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,050.05	
16150-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,085.10	
16150-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,818.28	
16150-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,641.60	
16150-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,720.29	
16150-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,876.94	
16150-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,002.11	
16150-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,640.16	
16150-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,779.65	
16150-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,775.34	
16150-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,639.44	
16150-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,104.38	
16150-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,397.65	
16150-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	6,406.23	
16150-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	6,621.53	
16150-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	7,902.63	
16150-0050		Cast Iron Frame, Premium Efficient, Open Drip Proof Motors <small>(16150-0002)</small>		
16150-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	4,014.98	
16150-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	4,860.46	
16150-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	6,170.89	
16150-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	6,870.46	
16150-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	7,562.15	
16150-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	8,166.58	
16150-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	7,355.43	
16150-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	9,617.92	
16150-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	8,955.56	
16150-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	9,191.60	
16150-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	12,642.93	
16150-0062		Premium Efficient, TEFC Motors <small>(16150-0001)</small>		
		Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
16150-0063		Steel Frame, Premium Efficient, TEFC Motors <small>(16150-0062)</small>		
16150-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor.....	385.55	
16150-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	424.89	
16150-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	505.72	
16150-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	437.05	
16150-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	441.34	
16150-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	478.54	
16150-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	457.79	
16150-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	530.75	
16150-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	505.72	
16150-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	811.87	
16150-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	588.69	
16150-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	553.64	
16150-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	917.01	
16150-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	881.96	
16150-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	798.27	
16150-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	894.12	
16150-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	901.28	
16150-0081		Cast Iron Frame, Premium Efficient, TEFC Motors <small>(16150-0062)</small>		
16150-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	550.07	
16150-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	615.87	
16150-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	580.82	
16150-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	570.09	
16150-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	733.18	
16150-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	610.87	
16150-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	597.28	
16150-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	744.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16150-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	659.51	
16150-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	678.10	
16150-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	927.74	
16150-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	811.87	
16150-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	678.82	
16150-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,076.53	
16150-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	939.90	
16150-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	905.57	
16150-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,535.03	
16150-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,101.56	
16150-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,015.73	
16150-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,752.48	
16150-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,517.87	
16150-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,389.11	
16150-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,337.60	
16150-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,665.93	
16150-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,684.53	
16150-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,112.27	
16150-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,173.80	
16150-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,203.12	
16150-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,521.42	
16150-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,582.95	
16150-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,613.71	
16150-0113	EA	40 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,067.91	
16150-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,540.74	
16150-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,417.70	
16150-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,069.33	
16150-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,873.35	
16150-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,735.30	
16150-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,125.83	
16150-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,441.29	
16150-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,374.76	
16150-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,435.54	
16150-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,330.40	
16150-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,284.63	
16150-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,658.71	
16150-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,804.64	
16150-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,662.27	
16150-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,114.33	
16150-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,968.38	

16150-0130**Premium Efficient, Severe Duty Motors (16150-0001)**

Note: NEMA premium efficiency, severe duty, three phase AC motors.

16150-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	571.52	
16150-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	628.03	
16150-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	693.84	
16150-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	974.95	
16150-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	650.21	
16150-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	640.19	
16150-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	811.87	
16150-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,213.15	
16150-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	680.25	
16150-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	668.09	
16150-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	822.60	
16150-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,530.03	
16150-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	804.71	
16150-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	845.48	
16150-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,187.40	
16150-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,659.50	
16150-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	989.98	
16150-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	860.51	
16150-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,203.13	
16150-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,641.60	
16150-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,291.83	
16150-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,083.68	
16150-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,721.73	
16150-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,020.71	
16150-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,375.52	
16150-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,297.55	
16150-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,236.74	
16150-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,523.57	
16150-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,759.64	
16150-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,653.06	
16150-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,564.35	
16150-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,703.81	
16150-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,052.91	
16150-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,773.23	
16150-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,484.23	
16150-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,362.60	
16150-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,467.07	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16150-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,320.43	
16150-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,640.88	
16150-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,007.84	
16150-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,755.34	
16150-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,693.80	
16150-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,132.29	
16150-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,605.11	
16150-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,850.44	
16150-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,330.43	
16150-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,231.71	
16150-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,231.69	
16150-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,284.63	
16150-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,671.61	
16150-0181	EA	60 HP, 1,800 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,512.07	
16150-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,025.68	
16150-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,627.25	
16150-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,359.69	
16150-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,831.09	
16150-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,699.48	
16150-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	11,394.73	
16150-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,376.86	
16150-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,284.58	
16150-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,872.54	
16150-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,165.11	
16150-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,048.51	
16150-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,513.44	
16150-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,405.43	
16150-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,494.12	
16150-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	19,011.24	

16150-0197

Premium Efficient, Explosion Proof Motors (16150-0001)

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

16150-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	762.51	
16150-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	789.69	
16150-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	861.22	
16150-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,064.37	
16150-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,180.24	
16150-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,626.59	
16150-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,660.21	
16150-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,247.47	
16150-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,562.20	
16150-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,366.20	
16150-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,778.21	
16150-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,940.58	
16150-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,564.32	
16150-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,783.89	
16150-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	9,137.96	
16150-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,131.50	
16150-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	14,549.20	
16150-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	16,600.68	

16151 Motor/Equipment Connections And Terminations (16100)

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors.

16151-0001

AC Single Phase, 230 Volt (16151)

16151-0002	EA	< 1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	40.63	17.62
16151-0003	EA	1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	40.45	17.62
16151-0004	EA	3/4 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	47.71	21.14
16151-0005	EA	1 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	58.68	26.42
16151-0006	EA	1-1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	59.05	26.42
16151-0007	EA	2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	59.12	26.42
16151-0008	EA	3 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	60.32	26.42
16151-0009	EA	5 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	78.07	35.22
16151-0010	EA	7-1/2 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	79.41	35.22
16151-0011	EA	10 HP AC Motor Single Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	100.03	44.03

16151-0012

AC Three Phase, 230 Volt (16151)

16151-0013	EA	1/2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	40.45	17.62
16151-0014	EA	3/4 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	47.71	21.14
16151-0015	EA	1 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	58.68	26.42
16151-0016	EA	1-1/2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	59.05	26.42
16151-0017	EA	2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	59.12	26.42
16151-0018	EA	3 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	60.32	26.42
16151-0019	EA	5 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	78.07	35.22
16151-0020	EA	7-1/2 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	79.41	35.22
16151-0021	EA	10 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	100.03	44.03

16000 Electrical
16100 Basic Materials And Methods
16151 Motor/Equipment Connections And Terminations



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16151-0022 EA 15 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	101.85	44.03
16151-0023 EA 20 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	126.61	52.84
16151-0024 EA 25 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	129.37	52.84
16151-0025 EA 30 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	175.36	70.45
16151-0026 EA 40 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	219.65	88.06
16151-0027 EA 50 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	260.19	105.67
16151-0028 EA 60 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	307.96	123.28
16151-0029 EA 75 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing	353.41	140.89
16151-0030 EA 100 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	439.50	176.11
16151-0031 EA 125 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	520.14	209.57
16151-0032 EA 150 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	613.44	244.44
16151-0033 EA 200 HP AC Motor Three Phase, 230 V Motor/Equipment, Connection, Termination And Rotation Testing.....	886.87	366.60

16151-0034 AC Three Phase, 460 Volt ⁽¹⁶¹⁵¹⁾

16151-0035 EA 1/2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	40.45	17.62
16151-0036 EA 3/4 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	47.71	21.14
16151-0037 EA 1 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	58.68	26.42
16151-0038 EA 1-1/2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	59.05	26.42
16151-0039 EA 2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	59.12	26.42
16151-0040 EA 3 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	60.32	26.42
16151-0041 EA 5 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	78.07	35.22
16151-0042 EA 7-1/2 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	79.41	35.22
16151-0043 EA 10 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	100.03	44.03
16151-0044 EA 15 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	101.85	44.03
16151-0045 EA 20 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	126.61	52.84
16151-0046 EA 25 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	129.37	52.84
16151-0047 EA 30 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	175.36	70.45
16151-0048 EA 40 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	219.86	88.20
16151-0049 EA 50 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	260.19	105.67
16151-0050 EA 60 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	307.96	123.28
16151-0051 EA 75 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing	353.41	140.89
16151-0052 EA 100 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	439.50	176.11
16151-0053 EA 125 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	520.34	209.64
16151-0054 EA 150 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	613.71	244.58
16151-0055 EA 200 HP AC Motor Three Phase, 460 V Motor/Equipment, Connection, Termination And Rotation Testing.....	887.48	366.89

16151-0056 AC Single Phase, 120 Volt ⁽¹⁶¹⁵¹⁾

16151-0057 EA 1/2 HP AC And Less Single Phase, 120 V Motor/Equipment, Connection, Termination And Rotation Testing	40.63	17.62
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16151-0058 Motor Moisture Sensor ⁽¹⁶¹⁵¹⁾

16151-0059 EA Motor Moisture Sensor Located In Winding	222.14	
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16152 Motor Mounting ⁽¹⁶¹⁰⁰⁾

16152-0001 Motor Mounting ⁽¹⁶¹⁵²⁾

Note: Includes handling and setting motor on mounting base. Excludes mounting base.

16152-0002 EA 1/2 HP Motor Mounting	110.76	56.36
16152-0003 EA 3/4 HP Motor Mounting	127.62	70.45
16152-0004 EA 1 HP Motor Mounting	136.52	70.45
16152-0005 EA 1-1/2 HP Motor Mounting	146.77	70.45
16152-0006 EA 2 HP Motor Mounting	158.66	84.53
16152-0007 EA 3 HP Motor Mounting	183.45	84.53
16152-0008 EA 5 HP Motor Mounting	217.42	140.89
16152-0009 EA 7-1/2 HP Motor Mounting	279.55	140.89
16152-0010 EA 10 HP Motor Mounting	366.91	246.56
16152-0011 EA 15 HP Motor Mounting	451.58	246.56
16152-0012 EA 20 HP Motor Mounting	533.69	352.23
16152-0013 EA 25 HP Motor Mounting	605.20	352.23
16152-0014 EA 30 HP Motor Mounting	733.81	352.23
16152-0015 EA 40 HP Motor Mounting	826.83	528.34
16152-0016 EA 50 HP Motor Mounting	917.27	528.34
16152-0017 EA 75 HP Motor Mounting	1,107.64	774.90
16152-0018 EA 100 HP Motor Mounting	1,334.20	774.90
16152-0019 EA 125 HP Motor Mounting	1,630.69	1,056.68
16152-0020 EA 150 HP Motor Mounting	1,893.71	1,056.68
16152-0021 EA 200 HP Motor Mounting	2,174.25	1,268.03

16155 Motor Starters ⁽¹⁶¹⁰⁰⁾

Note: Includes overload protection and heater elements. See CSI section 16151-0000 for final wiring connection and testing.

16155-0001 Manual Motor Starters Non-Reversing ⁽¹⁶¹⁵⁵⁾

16155-0002 120/240 Volt, 1 Phase, 2 Pole Toggle Switch Manual Motor Starter ⁽¹⁶¹⁵⁵⁻⁰⁰⁰¹⁾

Note: With pilot light

16155-0003 EA Manual Starter, NEMA 1, 120/240 V, 1 Phase, 2 Pole Manual Motor Starter, Toggle Switch With Pilot Light.....	122.23	52.84
16155-0004 EA Manual Starter, NEMA 4, 120/240 V, 1 Phase, 2 Pole Manual Motor Starter, Toggle Switch With Pilot Light.....	220.68	52.84



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16155-0005 EA Manual Starter, NEMA 7 Or 9, 120/240 V, 1 Phase, 2 Pole Manual Motor Starter, Toggle Switch With Pilot Light.....	288.78	52.84
16155-0006 480 Volt, 3 Phase Manual Motor Starters (16155-0001)		
Note: Without pilot light unless otherwise noted		
16155-0007 NEMA 1 Enclosure (16155-0006)		
16155-0008 EA Manual Starter, Size 0, NEMA 1, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	222.92	70.45
16155-0009 EA Manual Starter, Size 1, NEMA 1, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	264.01	70.45
16155-0010 EA Pilot Light.....	10.47	
16155-0011 EA Manual Starter, Size 00, NEMA 1, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	290.42	70.45
16155-0012 NEMA 4 Enclosure (16155-0006)		
16155-0013 EA Manual Starter, Size 0, NEMA 4, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	418.73	91.58
16155-0014 EA Manual Starter, Size 1, NEMA 4, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	506.13	91.58
16155-0015 EA Pilot Light.....	10.47	
16155-0016 NEMA 7 Or 9 Enclosure (16155-0006)		
16155-0017 EA Manual Starter, Size 0, NEMA 7 Or 9, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	467.12	77.49
16155-0018 EA Manual Starter, Size 1, NEMA 7 Or 9, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	547.53	77.49
16155-0019 EA Pilot Light.....	12.14	
16155-0020 Auxiliary Contact (16155-0006)		
16155-0021 EA Auxiliary Contact, Normally Open.....	8.50	
16155-0022 EA Auxiliary Contact, Normally Closed.....	8.50	
16155-0023 NEMA 12 Enclosure (16155-0006)		
16155-0024 EA Manual Starter, Size 0, NEMA 12, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	222.15	65.23
16155-0025 EA Manual Starter, Size 1, NEMA 12, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	263.04	73.40
16155-0026 EA Pilot Light, Material Only.....	10.38	
16155-0027 EA Manual Starter, Size 00, NEMA 12, 480 V, 3 Phase Manual Motor Starter, Toggle Switch Without Pilot Light.....	289.17	70.45
16155-0028 Magnetic Motor Starters (16155)		
16155-0029 120 - 600 Volt, 3 Phase, 3 Wire, 60 Hz, Non-Reversing (16155-0028)		
16155-0030 NEMA 1 Enclosure (16155-0029)		
16155-0031 EA Magnetic Starter, Size 0, NEMA 1, Three Phase, Non-Reversing, 230 V @ 3 HP, 480 V @ 5 HP.....	526.38	158.51
16155-0032 EA Magnetic Starter, Size 1, NEMA 1, Three Phase, Non-Reversing, 230 V @ 7.5 HP, 480 V @ 10 HP.....	609.28	158.51
16155-0033 EA Magnetic Starter, Size 2, NEMA 1, Three Phase, Non-Reversing, 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP.....	1,218.55	281.78
16155-0034 EA Magnetic Starter, Size 3, NEMA 1, Three Phase, Non-Reversing, 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP.....	1,832.44	281.78
16155-0035 EA Magnetic Starter, Size 4, NEMA 1, Three Phase, Non-Reversing, 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP.....	3,840.72	528.34
16155-0036 EA Magnetic Starter, Size 5, NEMA 1, Three Phase, Non-Reversing, 208 V @ 75 HP, 230 V @ 100 HP, 480 V @ 200 HP.....	6,611.12	704.45
16155-0037 Factory Modifications For NEMA 1 Enclosure (16155-0029)		
16155-0038 EA Start-Stop Push-button, Factory Modification - NEMA 1 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	142.58	
16155-0039 EA H-O-A Select Switch, Factory Modification - NEMA 1 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	190.92	
16155-0040 EA Pilot Light, Factory Modification - NEMA 1 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	231.11	
16155-0041 NEMA 4 Enclosure (16155-0029)		
16155-0042 EA Magnetic Starter, Size 0, NEMA 4, Three Phase, Non-Reversing, 230 V @ 3 HP, 480 V @ 5 HP.....	888.69	193.73
16155-0043 EA Magnetic Starter, Size 1, NEMA 4, Three Phase, Non-Reversing, 230 V @ 7.5 HP, 480 V @ 10 HP.....	987.35	193.73
16155-0044 EA Magnetic Starter, Size 2, NEMA 4, Three Phase, Non-Reversing, 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP.....	2,003.25	422.67
16155-0045 EA Magnetic Starter, Size 3, NEMA 4, Three Phase, Non-Reversing, 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP.....	2,966.01	422.67
16155-0046 EA Magnetic Starter, Size 4, NEMA 4, Three Phase, Non-Reversing, 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP.....	5,658.70	704.45
16155-0047 EA Magnetic Starter, Size 5, NEMA 4, Three Phase, Non-Reversing, 208 V @ 75 HP, 230 V @ 100 HP, 480 V @ 200 HP.....	9,741.70	845.35
16155-0048 Factory Modifications For NEMA 4 Enclosure (16155-0029)		
16155-0049 EA Start-Stop Push-button, Factory Modification - NEMA 4 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	142.58	
16155-0050 EA H-O-A Select Switch, Factory Modification - NEMA 4 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	330.62	
16155-0051 EA Pilot Light, Factory Modification - NEMA 4 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	231.11	
16155-0052 NEMA 3R Or 12 Enclosure (16155-0029)		
16155-0053 EA Magnetic Starter, Size 0, NEMA 3R Or 12, Three Phase, Non-Reversing, 230 V @ 3 HP, 480 V @ 5 HP.....	523.85	110.81



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16155-0054 EA Magnetic Starter, Size 1, NEMA 3R Or 12, Three Phase, Non-Reversing, 230 V @ 7.5 HP, 480 V @ 10 HP.....	606.33	127.65
16155-0055 EA Magnetic Starter, Size 2, NEMA 3R Or 12, Three Phase, Non-Reversing, 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP.....	1,212.65	255.22
16155-0056 EA Magnetic Starter, Size 3, NEMA 3R Or 12, Three Phase, Non-Reversing, 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP.....	1,822.61	326.17
16155-0057 EA Magnetic Starter, Size 4, NEMA 3R Or 12, Three Phase, Non-Reversing, 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP.....	3,817.62	533.70
16155-0058 EA Magnetic Starter, Size 5, NEMA 3R Or 12, Three Phase, Non-Reversing, 208 V @ 75HP, 230 V @ 100 HP, 480 V @ 200 HP.....	6,568.28	733.76
16155-0059 Factory Modifications For NEMA 3R Or 12 Enclosure (16155-0029)		
16155-0060 EA Start-Stop Push-button, Factory Modification - NEMA 3R Or 12 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	141.40	
16155-0061 EA H-O-A Select Switch, Factory Modification - NEMA 3R Or 12 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	189.33	
16155-0062 EA Pilot Light, Factory Modification - NEMA 3R Or 12 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	229.18	
16155-0063 Factory Modifications For Non-Reversing Magnetic Motor Starters (16155-0029)		
Note: Standard control transformer 50 or 60 HZ		
16155-0064 EA Magnetic Starter Transformer, Size 0, Factory Modification Standard Control Transformer.....	265.52	
16155-0065 EA Magnetic Starter Transformer, Size 1, Factory Modification Standard Control Transformer.....	265.52	
16155-0066 EA Magnetic Starter Transformer, Size 2, Factory Modification Standard Control Transformer.....	373.69	
16155-0067 EA Magnetic Starter Transformer, Size 3, Factory Modification Standard Control Transformer.....	767.12	
16155-0068 EA Magnetic Starter Transformer, Size 4, Factory Modification Standard Control Transformer.....	885.12	
16155-0069 EA Magnetic Starter Transformer, Size 5, Factory Modification Standard Control Transformer.....	973.64	
16155-0070 NEMA 7 Or 9 Enclosure (16155-0029)		
16155-0071 EA Magnetic Starter, Size 0, NEMA 7 Or 9, Three Phase, Non-Reversing, 230 V @ 3 HP, 480 V @ 5 HP.....	4,255.05	281.78
16155-0072 EA Magnetic Starter, Size 1, NEMA 7 Or 9, Three Phase, Non-Reversing, 230 V @ 7.5 HP, 480 V @ 10 HP.....	4,557.50	394.50
16155-0073 EA Magnetic Starter, Size 2, NEMA 7 Or 9, Three Phase, Non-Reversing, 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP.....	7,209.16	563.56
16155-0074 EA Magnetic Starter, Size 3, NEMA 7 Or 9, Three Phase, Non-Reversing, 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP.....	10,711.75	789.00
16155-0075 EA Magnetic Starter, Size 4, NEMA 7 Or 9, Three Phase, Non-Reversing, 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP.....	17,047.13	1,127.14
16155-0076 Factory Modifications For NEMA 7 Or 9 Enclosure (16155-0029)		
16155-0077 EA Start-Stop Push-button, Factory Modification - NEMA 7 Or 9 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	847.86	
16155-0078 EA H-O-A Select Switch, Factory Modification - NEMA 7 Or 9 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	847.86	
16155-0079 EA Pilot Light, Factory Modification - NEMA 7 Or 9 Magnetic Motor Starter, Non-Reversing, 208-600 V.....	847.86	
16155-0080 120 - 600 Volt, 3 Phase, 3 Wire, 60 Hz, Reversing (16155-0028)		
16155-0081 NEMA 1 Enclosure (16155-0080)		
16155-0082 EA Magnetic Starter, Size 00, NEMA 1, Three Phase, Reversing 230 V @ 1.5 HP, 480 V @ 2 HP.....	1,040.94	162.03
16155-0083 EA Magnetic Starter, Size 0, NEMA 1, Three Phase, Reversing 230 V @ 3 HP, 480 V @ 5 HP.....	1,114.33	162.03
16155-0084 EA Magnetic Starter, Size 1, NEMA 1, Three Phase, Reversing 230 V @ 7.5 HP, 480 V @ 10 HP.....	1,300.32	232.47
16155-0085 EA Magnetic Starter, Size 2, NEMA 1, Three Phase, Reversing 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP.....	2,076.29	232.47
16155-0086 EA Magnetic Starter, Size 3, NEMA 1, Three Phase, Reversing 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP.....	3,409.58	366.31
16155-0087 EA Magnetic Starter, Size 4, NEMA 1, Three Phase, Reversing 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP.....	7,598.42	366.31
16155-0088 EA Magnetic Starter, Size 5, NEMA 1, Three Phase, Reversing 208 V @ 75 HP, 230 V @ 100 HP, 480 V @ 200 HP.....	15,320.75	366.31
16155-0089 Factory Modifications For NEMA 1 Enclosure, Reversing (16155-0080)		
16155-0090 EA Start-Stop Push-button, Factory Modifications - NEMA 1 Magnetic Motor Starter, Reversing, 208-600V.....	142.57	
16155-0091 EA H-O-A Select Switch, Factory Modifications - NEMA 1 Magnetic Motor Starter, Reversing, 208-600V.....	334.85	
16155-0092 EA Pilot Light, Factory Modifications - NEMA 1 Magnetic Motor Starter, Reversing, 208-600V.....	231.11	
16155-0093 EA Forward-Reverse-Stop, Factory Modifications - NEMA 1 Magnetic Motor Starter, Reversing, 208-600V.....	102.03	
16155-0094 EA Local-Remote Select Switch, 2 Position, Factory Modifications - NEMA 1 Magnetic Motor Starter, Reversing, 208-600V.....	215.65	
16155-0095 NEMA 4 Enclosure (16155-0080)		
16155-0096 EA Magnetic Starter, Size 00, NEMA 4, Three Phase, Reversing 230 V @ 1.5 HP, 480 V @ 2 HP.....	1,493.33	162.03
16155-0097 EA Magnetic Starter, Size 0, NEMA 4, Three Phase, Reversing 230 V @ 3 HP, 480 V @ 5 HP.....	1,566.72	162.03
16155-0098 EA Magnetic Starter, Size 1, NEMA 4, Three Phase, Reversing 230 V @ 7.5 HP, 480 V @ 10 HP.....	1,929.70	232.47
16155-0099 EA Magnetic Starter, Size 2, NEMA 4, Three Phase, Reversing 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP.....	3,224.83	232.47
16155-0100 EA Magnetic Starter, Size 3, NEMA 4, Three Phase, Reversing 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP.....	4,924.13	366.31
16155-0101 EA Magnetic Starter, Size 4, NEMA 4, Three Phase, Reversing 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP.....	10,273.43	366.31
16155-0102 EA Magnetic Starter, Size 5, NEMA 4, Three Phase, Reversing 208 V @ 75 HP, 230 V @ 100 HP, 480 V @ 200 HP.....	17,484.38	366.31
16155-0103 Factory Modifications For NEMA 4 Enclosure, Reversing (16155-0080)		
16155-0104 EA Start-Stop Push-button, Factory Modifications - NEMA 4 Magnetic Motor Starter, Reversing, 208-600V.....	142.58	
16155-0105 EA H-O-A Select Switch, Factory Modifications - NEMA 4 Magnetic Motor Starter, Reversing, 208-600V.....	334.85	
16155-0106 EA Pilot Light, Factory Modifications - NEMA 4 Magnetic Motor Starter, Reversing, 208-600V.....	231.11	
16155-0107 EA Forward-Reverse-Stop, Factory Modifications - NEMA 4 Magnetic Motor Starter, Reversing, 208-600V.....	231.11	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	16155-0108	NEMA 12 Enclosure <small>(16155-0080)</small>		
	16155-0109	EA Magnetic Starter, Size 00, NEMA 12, Three Phase, Reversing 230 V @ 1.5 HP, 480 V @ 2 HP	1,034.72	146.74
	16155-0110	EA Magnetic Starter, Size 0, NEMA 12, Three Phase, Reversing 230 V @ 3 HP, 480 V @ 5 HP	1,108.11	183.44
	16155-0111	EA Magnetic Starter, Size 1, NEMA 12, Three Phase, Reversing 230 V @ 7.5 HP, 480 V @ 10 HP	1,293.11	217.46
	16155-0112	EA Magnetic Starter, Size 2, NEMA 12, Three Phase, Reversing 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP	2,063.24	255.22
	16155-0113	EA Magnetic Starter, Size 3, NEMA 12, Three Phase, Reversing 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP	3,386.07	293.54
	16155-0114	EA Magnetic Starter, Size 4, NEMA 12, Three Phase, Reversing 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP	7,541.24	366.89
	16155-0115	EA Magnetic Starter, Size 5, NEMA 12, Three Phase, Reversing 208 V @ 75 HP, 230 V @ 100 HP, 480 V @ 200 HP ...	15,200.66	451.56
	16155-0116	Factory Modifications For NEMA 12 Enclosure, Reversing <small>(16155-0080)</small>		
	16155-0117	EA Start-Stop Push-button, Factory Modifications - NEMA 12 Magnetic Motor Starter, Reversing, 208-600V	141.40	
	16155-0118	EA H-O-A Select Switch, Factory Modifications - NEMA 12 Magnetic Motor Starter, Reversing, 208-600V	332.07	
	16155-0119	EA Pilot Light, Factory Modifications - NEMA 12 Magnetic Motor Starter, Reversing, 208-600V	229.18	
	16155-0120	EA Forward-Reverse-Stop, Factory Modifications - NEMA 12 Magnetic Motor Starter, Reversing, 208-600V	101.18	
	16155-0121	EA Local-Remote Select Switch, Factory Modifications - NEMA 12 Magnetic Motor Starter, Reversing, 208-600V	214.59	
	16155-0122	Factory Modifications Fused Control Circuit <small>(16155-0080)</small>		
	16155-0123	EA Size 00-5, Fused Control Circuit, Magnetic Motor Starter, Factory Modification	86.05	
	16155-0124	NEMA 7 Or 9 Enclosure <small>(16155-0080)</small>		
	16155-0125	EA Magnetic Starter, Size 00, NEMA 7 Or 9, Three Phase, Reversing 230 V @ 1.5 HP, 480 V @ 2 HP	5,713.08	281.78
	16155-0126	EA Magnetic Starter, Size 0, NEMA 7 Or 9, Three Phase, Reversing 230 V @ 3 HP, 480 V @ 5 HP	5,956.99	394.50
	16155-0127	EA Magnetic Starter, Size 1, NEMA 7 Or 9, Three Phase, Reversing 230 V @ 7.5 HP, 480 V @ 10 HP	6,362.82	507.21
	16155-0128	EA Magnetic Starter, Size 2, NEMA 7 Or 9, Three Phase, Reversing 208 V @ 10 HP, 230 V @ 15 HP, 480 V @ 25 HP	10,346.43	676.28
	16155-0129	EA Magnetic Starter, Size 3, NEMA 7 Or 9, Three Phase, Reversing 208 V @ 25 HP, 230 V @ 30 HP, 480 V @ 50 HP	16,344.02	901.70
	16155-0130	EA Magnetic Starter, Size 4, NEMA 7 Or 9, Three Phase, Reversing 208 V @ 40 HP, 230 V @ 50 HP, 480 V @ 100 HP	34,881.32	1,239.84
	16155-0131	Factory Modifications For NEMA 7 Or 9 Enclosure, Reversing <small>(16155-0080)</small>		
	16155-0132	EA Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Magnetic Motor Starter, Reversing, 208-600V	847.86	
	16155-0133	EA H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Magnetic Motor Starter, Reversing, 208-600V	847.86	
	16155-0134	EA Pilot Light, Factory Modifications - NEMA 7 Or 9 Magnetic Motor Starter, Reversing, 208-600V	847.86	
	16155-0135	EA Forward-Reverse-Stop Pushbutton, Factory Modifications - NEMA 7 Or 9 Magnetic Motor Starter, Reversing, 208- 600V	807.48	
	16155-0136	Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole <small>(16155-0028)</small>		
	16155-0137	NEMA 1 Enclosure <small>(16155-0136)</small>		
	16155-0138	EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	6,369.64	338.14
		<i>16MOD-0082 For NEMA 4, Add</i>	709.87	
	16155-0139	EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	11,276.22	450.86
		<i>16MOD-0082 For NEMA 4, Add</i>	1,296.63	
	16155-0140	EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	19,999.79	535.39
		<i>16MOD-0082 For NEMA 4, Add</i>	2,366.55	
	16155-0141	EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	49,428.71	655.14
		<i>16MOD-0082 For NEMA 4, Add</i>	6,015.52	
	16155-0142	EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	79,064.60	838.31
		<i>16MOD-0082 For NEMA 4, Add</i>	9,673.42	
	16155-0143	NEMA 12 Enclosure <small>(16155-0136)</small>		
	16155-0144	EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	6,322.33	345.33
	16155-0145	EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	11,189.82	451.56
	16155-0146	EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	19,842.09	533.70
	16155-0147	EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	49,027.87	652.26
	16155-0148	EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	78,420.02	838.66
	16155-0149	Factory Modifications Pilot Devices <small>(16155-0136)</small>		
	16155-0150	EA Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	167.25	
	16155-0151	EA H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	184.46	
	16155-0152	EA Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	313.98	
	16155-0153	EA Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	170.59	
	16155-0154	EA Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	245.30	
	16155-0155	EA Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	122.65	
	16155-0156	EA Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Pilot Device	400.32	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16155-0157		Factory Modifications Meters <small>(16155-0136)</small>		
16155-0158	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter.....	1,609.15	
16155-0159	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter.....	1,554.21	
16155-0160	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter.....	549.46	
16155-0161	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 V, 3 Phase, Meter.....	455.29	
16155-0162		Factory Modifications Main Circuit Breakers <small>(16155-0136)</small>		
16155-0163	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker.....	2,126.72	
16155-0164	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker.....	3,889.51	
16155-0165	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker.....	8,273.37	
16155-0166		Factory Modifications Addition <small>(16155-0136)</small>		
		Note: For reversing service auto transformer type		
16155-0167	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 V, 3 Phase.....	357.17	
16155-0168	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 V, 3 Phase.....	357.17	
16155-0169	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 V, 3 Phase.....	357.17	
16155-0170	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 V, 3 Phase.....	357.17	
16155-0171		Combination Starters Non-Reversing <small>(16155)</small>		
16155-0172		240-600 Volts, 3-Pole <small>(16155-0171)</small>		
16155-0173		NEMA 1 With Disconnect Switch <small>(16155-0172)</small>		
16155-0174	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	1,117.49	162.03
		<i>16MOD-0083 For Electronic Overloads, Add</i>	150.36	
16155-0175	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	1,345.30	253.61
		<i>16MOD-0083 For Electronic Overloads, Add</i>	158.62	
16155-0176	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	1,908.86	295.87
		<i>16MOD-0083 For Electronic Overloads, Add</i>	251.14	
16155-0177	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	2,933.94	366.31
		<i>16MOD-0083 For Electronic Overloads, Add</i>	418.02	
16155-0178	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	5,417.82	584.70
		<i>16MOD-0083 For Electronic Overloads, Add</i>	806.31	
16155-0179	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	10,995.70	732.64
		<i>16MOD-0083 For Electronic Overloads, Add</i>	1,810.34	
16155-0180		NEMA 1 With Circuit Breaker <small>(16155-0172)</small>		
16155-0181	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	1,430.55	162.03
		<i>16MOD-0084 For Electronic Overloads, Add</i>	209.84	
16155-0182	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	1,658.36	253.61
		<i>16MOD-0083 For Electronic Overloads, Add</i>	218.10	
16155-0183	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	2,213.23	295.87
		<i>16MOD-0083 For Electronic Overloads, Add</i>	308.97	
16155-0184	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	3,099.16	366.31
		<i>16MOD-0083 For Electronic Overloads, Add</i>	449.42	
16155-0185	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	6,365.70	584.70
		<i>16MOD-0083 For Electronic Overloads, Add</i>	986.40	
16155-0186	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	13,508.89	732.64
		<i>16MOD-0083 For Electronic Overloads, Add</i>	2,287.84	
16155-0187		Factory Modifications For NEMA 1 Enclosure <small>(16155-0172)</small>		
16155-0188	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240-600V.....	142.57	
16155-0189	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240-600V.....	334.85	
16155-0190	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240-600V.....	231.11	
16155-0191		NEMA 4 With Disconnect Switch <small>(16155-0172)</small>		
16155-0192	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	2,061.03	211.34
		<i>16MOD-0084 For Electronic Overloads, Add</i>	308.97	
16155-0193	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	2,256.71	295.87
		<i>16MOD-0084 For Electronic Overloads, Add</i>	317.24	
16155-0194	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	3,261.13	324.05
		<i>16MOD-0084 For Electronic Overloads, Add</i>	495.68	
16155-0195	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	5,226.46	394.50
		<i>16MOD-0084 For Electronic Overloads, Add</i>	844.31	
16155-0196	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	8,287.55	584.70
		<i>16MOD-0084 For Electronic Overloads, Add</i>	1,351.56	
16155-0197	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	18,317.86	732.64
		<i>16MOD-0084 For Electronic Overloads, Add</i>	3,201.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16155-0198 NEMA 4 With Circuit Breaker <small>(16155-0172)</small>		
16155-0199 EA Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	2,374.09	211.34
16MOD-0084 For Electronic Overloads, Add	368.46	
16155-0200 EA Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	2,569.77	295.87
16MOD-0084 For Electronic Overloads, Add	376.72	
16155-0201 EA Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	3,565.49	324.05
16MOD-0084 For Electronic Overloads, Add	553.51	
16155-0202 EA Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	5,391.69	394.50
16MOD-0084 For Electronic Overloads, Add	875.70	
16155-0203 EA Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	9,235.43	584.70
16MOD-0084 For Electronic Overloads, Add	1,531.65	
16155-0204 EA Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	17,335.19	732.64
16MOD-0084 For Electronic Overloads, Add	3,014.84	
16155-0205 Factory Modifications For NEMA 4 Enclosure <small>(16155-0172)</small>		
16155-0206 EA Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240-600V.....	142.58	
16155-0207 EA H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240-600V.....	334.85	
16155-0208 EA Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240-600V.....	231.11	
16155-0209 NEMA 12 With Disconnect Switch <small>(16155-0172)</small>		
16155-0210 EA Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	1,157.06	163.08
16MOD-0085 For Electronic Overloads, Add	157.87	
16155-0211 EA Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	1,387.04	255.22
16MOD-0085 For Electronic Overloads, Add	166.55	
16155-0212 EA Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	1,974.95	293.54
16MOD-0085 For Electronic Overloads, Add	263.70	
16155-0213 EA Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	3,043.94	366.89
16MOD-0085 For Electronic Overloads, Add	438.92	
16155-0214 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	5,630.00	587.10
16MOD-0085 For Electronic Overloads, Add	846.62	
16155-0215 EA Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 V, 3 Phase.....	11,472.09	733.76
16MOD-0085 For Electronic Overloads, Add	1,900.85	
16155-0216 NEMA 12 With Circuit Breaker <small>(16155-0172)</small>		
16155-0217 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	1,530.87	163.08
16MOD-0085 For Electronic Overloads, Add	228.90	
16155-0218 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	1,762.63	255.22
16MOD-0085 For Electronic Overloads, Add	237.91	
16155-0219 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	2,360.95	293.54
16MOD-0085 For Electronic Overloads, Add	337.04	
16155-0220 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	3,314.03	366.89
16MOD-0085 For Electronic Overloads, Add	490.24	
16155-0221 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	6,837.30	587.10
16MOD-0085 For Electronic Overloads, Add	1,076.01	
16155-0222 EA Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	14,602.69	733.76
16MOD-0085 For Electronic Overloads, Add	2,495.66	
16155-0223 Factory Modifications For NEMA 12 Enclosure <small>(16155-0172)</small>		
16155-0224 EA Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240-600V.....	141.40	
16155-0225 EA H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240-600V.....	332.07	
16155-0226 EA Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240-600V.....	229.18	
16155-0227 NEMA 7 Or 9 With Circuit Breaker <small>(16155-0172)</small>		
16155-0228 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	2,714.22	338.14
16155-0229 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	3,677.67	450.86
16155-0230 EA Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	3,990.47	619.92
16155-0231 EA Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	5,934.11	845.35
16155-0232 EA Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 V, 3 Phase.....	8,947.05	1,183.49
16155-0233 Factory Modifications For NEMA 7 Or 9 Enclosure <small>(16155-0172)</small>		
16155-0234 EA Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240-600V.....	847.86	
16155-0235 EA H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240-600V.....	847.86	
16155-0236 EA Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240-600V.....	847.86	
16155-0237 Combination Starters Reversing <small>(16155)</small>		
16155-0238 240-600 Volt, 3 Pole <small>(16155-0237)</small>		
16155-0239 NEMA 1 With Disconnect Switch <small>(16155-0238)</small>		
16155-0240 EA Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase.....	1,377.88	211.34
16155-0241 EA Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase.....	1,593.23	295.87
16155-0242 EA Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase.....	2,334.17	324.05

16000 Electrical
16100 Basic Materials And Methods
16155 Motor Starters



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16155-0243	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	3,569.73	394.50
16155-0244	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	7,011.23	584.70
16155-0245		NEMA 1 With Circuit Breaker <small>(16155-0238)</small>		
16155-0246	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,543.06	211.34
16155-0247	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,769.56	295.87
16155-0248	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	2,540.58	324.05
16155-0249	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	3,285.56	394.50
16155-0250	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	7,569.55	584.70
16155-0251		NEMA 12 With Disconnect Switch <small>(16155-0238)</small>		
16155-0252	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	1,473.94	217.46
16155-0253	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	1,695.72	293.54
16155-0254	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	2,505.48	326.17
16155-0255	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	3,853.61	391.40
16155-0256	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 V, 3 Phase	7,605.78	587.10
16155-0257		NEMA 12 With Circuit Breaker <small>(16155-0238)</small>		
16155-0258	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,655.94	217.46
16155-0259	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	1,890.00	293.54
16155-0260	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	2,732.91	326.17
16155-0261	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	3,540.49	391.40
16155-0262	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase	8,220.96	587.10
16155-0263		NEMA 7 Or 9 With Circuit Breaker <small>(16155-0238)</small>		
16155-0264	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase.....	3,288.09	450.86
16155-0265	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase.....	3,526.00	563.56
16155-0266	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase.....	5,076.58	732.64
16155-0267	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase.....	8,095.24	958.06
16155-0268	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 V, 3 Phase.....	14,816.57	1,296.20
16155-0269		Solid State Motor Controllers <small>(16155)</small>		
16155-0270		Adjustable Voltage Drives, DC Motors <small>(16155-0269)</small>		
16155-0271	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,099.01	126.80
16155-0272	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	1,330.15	126.80
16155-0273		Removal And Reinstallation Of Motor Starters <small>(16155)</small>		
		Note: Includes storage and cleaning		
16155-0274	EA	Remove And Reinstall Motor Starter With Disconnect Up To 25 HP	503.18	
16155-0275		Manual Motor Starters <small>(16155)</small>		
16155-0276	EA	120 V 1/3 HP Max., Box Cover Unit With Single Pole Switch (Buss "SSY")	79.80	17.62
16155-0277	EA	Single Phase, NEMA 1, Non-Interlocked , Without Terminal Protection	277.59	28.17
16155-0278	EA	Single Phase, NEMA 3R, Non-Interlocked , Without Terminal Protection.....	332.90	28.17
16155-0279	EA	Single Phase, NEMA 1, Non-Interlocked , With Terminal Protection	292.45	28.17
16155-0280	EA	Single Phase, NEMA 3R, Non-Interlocked , With Terminal Protection	351.47	28.17
16155-0281	EA	3 Phase, Size "0", NEMA 1, Non-Interlocked, With Thermal Protection	212.43	35.22
16155-0282	EA	3 Phase, Size "0", NEMA 3R, Non-Interlocked, With Thermal Protection.....	247.93	35.22
16155-0283	EA	3 Phase, Size "1", NEMA 1, Non-Interlocked, With Thermal Protection	243.80	35.22
16155-0284	EA	3 Phase, Size "1", NEMA 3R, Non-Interlocked, With Thermal Protection.....	287.14	35.22
16155-0285	EA	Single Phase, NEMA 12, Non-Interlocked , Without Terminal Protection	277.96	28.17
16155-0286	EA	Single Phase, NEMA 12, Non-Interlocked , With Terminal Protection	292.85	28.17
16155-0287	EA	3 Phase, Size "0", NEMA 12, Non-Interlocked, With Thermal Protection	212.67	35.22
16155-0288	EA	3 Phase, Size "1", NEMA 12, Non-Interlocked, With Thermal Protection	244.09	35.22
16155-0289		Auxiliary Devices <small>(16155)</small>		
16155-0290	EA	Auxiliary Contact, Normally Open	320.85	70.45
16155-0291	EA	Auxiliary Contact, Normally Closed.....	320.85	70.45
16155-0292	EA	Pilot Light Kit.....	339.01	70.45
16170		Motor And Circuit Disconnects <small>(16100)</small>		
		Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.		
16170-0001		Safety Switches, NEMA 1 Enclosure, Neutral Kit <small>(16170)</small>		
16170-0002		Heavy Duty Fusible Switches <small>(16170-0001)</small>		
		Note: Includes fuses and neutral bar		
16170-0003		240 Volt Class, 2 Wire, 2 Blades And Fuseholders <small>(16170-0002)</small>		
16170-0004	EA	30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	248.26	70.45



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0005 EA 60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	384.52	84.88
16170-0006 EA 100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	524.68	99.33
16170-0007 EA 200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	900.60	156.39
16170-0008 EA 400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,895.43	243.04
16170-0009 EA 600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	3,155.02	359.28
16170-0010 EA 800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	4,289.31	422.67
16170-0011 EA 1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	5,742.63	493.12
16170-0012 600 Volt Class, 2 Wire, 2 Blades And Fuseholders (16170-0002)		
16170-0013 EA 30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	371.48	78.27
16170-0014 EA 60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	448.17	94.33
16170-0015 EA 100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	704.04	110.25
16170-0016 EA 200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	1,043.38	174.00
16170-0017 EA 400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	2,252.64	269.95
16170-0018 EA 600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	3,506.75	399.00
16170-0019 EA 800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	5,159.25	469.38
16170-0020 EA 1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole	7,028.17	547.92
16170-0021 240 Volt Class, 3 Wire, 2 Blades And Fuseholders (16170-0002)		
16170-0022 EA 30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	355.49	110.60
16170-0023 EA 60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	520.22	146.88
16170-0024 EA 100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	692.87	163.08
16170-0025 EA 200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	1,095.42	255.36
16170-0026 EA 400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	2,251.00	419.15
16170-0027 EA 600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	3,640.35	587.17
16170-0028 600 Volt Class, 3 Wire, 3 Blades And Fuseholders (16170-0002)		
16170-0029 EA 30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	459.54	122.22
16170-0030 EA 60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	585.75	163.08
16170-0031 EA 100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	850.53	183.51
16170-0032 EA 200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	1,254.41	279.67
16170-0033 EA 400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	2,756.05	451.56
16170-0034 EA 600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	4,418.61	652.33
16170-0035 EA 800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	6,973.03	774.90
16170-0036 EA 1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	8,889.16	880.57
16170-0037 240 Volt Class, 4 Wire, 3 Blades And Fuseholders (16170-0002)		
16170-0038 EA 30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	345.18	110.60
16170-0039 EA 60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	506.89	146.88
16170-0040 EA 100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	668.62	163.08
16170-0041 EA 200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	1,128.76	255.36
16170-0042 EA 400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	2,438.90	419.15
16170-0043 EA 600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	3,923.04	587.17
16170-0044 EA 800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	6,441.78	739.68
16170-0045 EA 1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 240 V, 3 Phase	7,928.64	845.35
16170-0046 600 Volt Class, 4 Wire, 3 Blades And Fuseholders (16170-0002)		
16170-0047 EA 30 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	497.38	122.22
16170-0048 EA 60 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	632.25	163.08
16170-0049 EA 100 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	918.51	183.51
16170-0050 EA 200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	1,356.19	279.67
16170-0051 EA 400 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	2,973.18	451.56
16170-0052 EA 600 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	4,802.10	652.33
16170-0053 EA 800 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	7,609.72	774.90
16170-0054 EA 1200 A, Fused Disconnect Switch, NEMA 1, Heavy Duty, With Fuses, 600 V, 3 Phase	9,576.92	880.57
16170-0055 Heavy Duty Non-Fusible Switches (16170-0001)		
16170-0056 240 Volt Class, 2 Wire, 2 Blades (16170-0055)		
16170-0057 EA 30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	241.74	101.94
16170-0058 EA 60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	372.95	141.80
16170-0059 EA 100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	508.96	163.08
16170-0060 EA 200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	798.11	260.93
16170-0061 EA 400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,596.00	434.86
16170-0062 EA 600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,591.17	593.01
16170-0063 EA 800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	3,680.21	704.45
16170-0064 EA 1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 1 Phase	4,842.89	822.17
16170-0065 600 Volt Class, 2 Wire, 2 Blades (16170-0055)		
16170-0066 EA 30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	267.00	112.51
16170-0067 EA 60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	422.09	159.14
16170-0068 EA 100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	574.78	181.19
16170-0069 EA 200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	892.40	283.62



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0070	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,717.07	465.93
16170-0071	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	2,865.72	652.26
16170-0072	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	4,069.41	704.45
16170-0073	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 1 Phase	5,375.89	822.17
16170-0074		240 Volt Class, 3 Wire, 3 Blades <small>(16170-0055)</small>		
16170-0075	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	284.30	91.58
16170-0076	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	432.15	127.51
16170-0077	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	577.04	146.88
16170-0078	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	907.60	234.94
16170-0079	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,798.68	391.33
16170-0080	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,876.82	533.62
16170-0081	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	4,883.97	634.01
16170-0082	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	6,344.19	739.68
16170-0083		480 Volt Class, 3 Wire, 3 Blades <small>(16170-0055)</small>		
16170-0084	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	310.44	101.09
16170-0085	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	475.90	143.36
16170-0086	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	629.91	163.08
16170-0087	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	979.71	255.36
16170-0088	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,927.15	419.15
16170-0089	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	3,112.81	587.17
16170-0090	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	5,141.34	634.01
16170-0091		600 Volt Class, 3 Wire, 3 Blades <small>(16170-0055)</small>		
16170-0092	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	329.64	101.23
16170-0093	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	508.64	143.22
16170-0094	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	683.16	163.08
16170-0095	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,061.73	255.22
16170-0096	EA	400 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,041.88	419.29
16170-0097	EA	600 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,452.35	587.03
16170-0098	EA	800 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	5,529.07	634.01
16170-0099	EA	1200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	7,212.61	739.68
16170-0100		240 Volt Class, 4 Wire, 4 Blades <small>(16170-0055)</small>		
16170-0101	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	468.70	91.72
16170-0102	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	570.46	127.65
16170-0103	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	862.29	146.74
16170-0104	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,297.73	234.80
16170-0105		480 Volt Class, 4 Wire, 4 Blades <small>(16170-0055)</small>		
16170-0106	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	508.06	101.09
16170-0107	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	624.10	143.36
16170-0108	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	935.55	163.08
16170-0109	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 480 V, 3 Phase	1,397.72	255.36
16170-0110		600 Volt Class, 4 Wire, 4 Blades <small>(16170-0055)</small>		
16170-0111	EA	30 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	561.50	101.23
16170-0112	EA	60 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	683.04	143.22
16170-0113	EA	100 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,041.54	163.08
16170-0114	EA	200 A, Non-Fused, NEMA 1, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,552.12	255.22
16170-0115		General Duty Fusible Switches <small>(16170-0001)</small>		
		Note: Includes fuses and neutral bar		
16170-0116		240 Volt Class, 2 Wire, 1 Blade And Fuseholder <small>(16170-0115)</small>		
16170-0117	EA	30 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	175.38	61.29
16170-0118	EA	60 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	236.61	73.75
16170-0119	EA	100 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	357.12	86.23
16170-0120	EA	200 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	655.13	136.03
16170-0121	EA	400 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	1,529.93	210.99
16170-0122	EA	600 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	2,840.52	312.28
16170-0123		240 Volt Class, 3 Wire, 2 Blades And Fuseholders <small>(16170-0115)</small>		
16170-0124	EA	30 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	245.29	96.30
16170-0125	EA	60 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	344.15	127.65
16170-0126	EA	100 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	468.27	141.80
16170-0127	EA	200 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	827.64	221.97
16170-0128	EA	400 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	1,838.61	364.63
16170-0129	EA	600 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	3,239.68	510.45



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0130		240 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0115)</small>		
16170-0131	EA	30 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	270.22	96.30
16170-0132	EA	60 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	384.35	127.65
16170-0133	EA	100 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	504.85	141.80
16170-0134	EA	200 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	919.79	221.97
16170-0135	EA	400 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	1,996.13	364.63
16170-0136	EA	600 A, Fused Disconnect Switch, NEMA 1, General Duty, With Fuses, 240 V, 3 Phase.....	3,339.53	510.45
16170-0137		General Duty Non-Fusible Switches <small>(16170-0001)</small>		
16170-0138		240 Volt Class, 2 Wire, 2 Blades <small>(16170-0137)</small>		
16170-0139	EA	60 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase.....	240.02	85.24
16170-0140	EA	100 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase.....	315.60	97.99
16170-0141	EA	200 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase.....	696.52	156.60
16170-0142	EA	400 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase.....	1,474.93	260.65
16170-0143	EA	600 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 1 Phase.....	2,529.20	355.19
16170-0144		240 Volt Class, 3 Wire, 3 Blades <small>(16170-0137)</small>		
16170-0145	EA	30 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase.....	226.55	79.74
16170-0146	EA	60 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase.....	310.85	110.95
16170-0147	EA	100 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase.....	462.47	127.65
16170-0148	EA	200 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase.....	792.12	204.22
16170-0149	EA	400 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase.....	1,634.87	340.40
16170-0150	EA	600 A, Non-Fused, NEMA 1, General Duty Disconnect Switch, 240 V, 3 Phase.....	2,747.86	463.95
16170-0151		Safety Switches, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs <small>(16170)</small>		
16170-0152		Heavy Duty Fusible Switches <small>(16170-0151)</small> Note: With fuses, neutral bar, and hub if required		
16170-0153		240 Volt Class, 2 Wire, 2 Blades And Fuseholders <small>(16170-0152)</small>		
16170-0154	EA	30 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	359.41	82.78
16170-0155	EA	60 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	563.59	99.33
16170-0156	EA	100 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	702.22	115.53
16170-0157	EA	200 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	1,029.66	176.11
16170-0158	EA	400 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	2,248.16	281.78
16170-0159	EA	600 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	3,910.46	375.83
16170-0160	EA	800 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	5,827.54	422.67
16170-0161	EA	1200 A, Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole	7,705.17	493.12
16170-0162		600 Volt Class, 2 Wire, 2 Blades And Fuseholders <small>(16170-0152)</small>		
16170-0163	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	610.45	110.32
16170-0164	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	727.90	135.26
16170-0165	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	1,023.91	155.33
16170-0166	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	1,446.18	232.96
16170-0167	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	3,115.46	381.18
16170-0168	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	5,684.74	524.19
16170-0169	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	8,315.93	603.58
16170-0170	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 1 Phase.....	9,164.49	679.45
16170-0171		240 Volt Class, 3 Wire, 2 Blades And Fuseholders <small>(16170-0152)</small>		
16170-0172	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	464.73	130.32
16170-0173	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	729.01	172.59
16170-0174	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	873.93	189.50
16170-0175	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,299.04	293.40
16170-0176	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	2,772.66	489.25
16170-0177	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	4,583.88	652.33
16170-0178		600 Volt Class, 3 Wire, 3 Blades And Fuseholders <small>(16170-0152)</small>		
16170-0179	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	699.94	154.49
16170-0180	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	836.40	189.36
16170-0181	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,110.71	217.39
16170-0182	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,616.08	326.17
16170-0183	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	3,364.71	533.70
16170-0184	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	6,019.89	733.83
16170-0185	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	8,472.97	845.35
16170-0186	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	10,127.27	951.01
16170-0187		240 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0152)</small>		
16170-0188	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	507.01	130.32
16170-0189	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	730.23	172.59
16170-0190	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	933.37	189.50
16170-0191	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,338.69	293.40



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0192	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	2,809.03	489.25
16170-0193	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	4,983.95	652.33
16170-0194	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	8,230.90	739.68
16170-0195	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 240 V, 3 Phase.....	10,240.77	845.35
16170-0196		600 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0152)</small>		
16170-0197	EA	30 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	724.20	154.63
16170-0198	EA	60 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	863.67	189.50
16170-0199	EA	100 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,171.33	217.32
16170-0200	EA	200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,655.48	326.17
16170-0201	EA	400 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	3,507.16	533.62
16170-0202	EA	600 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	6,183.55	733.69
16170-0203	EA	800 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	8,988.32	845.35
16170-0204	EA	1200 A Fused Disconnect Switch, NEMA 3R, Heavy Duty, With Fuses, 600 V, 3 Phase.....	10,806.58	951.01
16170-0205		Heavy Duty Non-Fusible Switches <small>(16170-0151)</small>		
16170-0206		240 Volt Class, 2 Wire, 2 Blades <small>(16170-0205)</small>		
16170-0207	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	339.69	72.49
16170-0208	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	550.21	100.38
16170-0209	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	719.28	115.11
16170-0210	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	965.18	186.40
16170-0211	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	2,123.31	310.95
16170-0212	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	3,834.56	414.57
16170-0213	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	6,126.53	493.33
16170-0214	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 1 Phase.....	8,066.30	563.77
16170-0215		600 Volt Class, 2 Wire, 2 Blades <small>(16170-0205)</small>		
16170-0216	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	382.02	79.89
16170-0217	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	623.06	111.79
16170-0218	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	811.27	126.24
16170-0219	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	1,068.47	195.70
16170-0220	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	2,403.18	326.17
16170-0221	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	4,136.91	434.86
16170-0222	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	6,531.46	516.79
16170-0223	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 1 Phase.....	8,596.00	587.03
16170-0224		240 Volt Class, 3 Wire, 3 Blades <small>(16170-0205)</small>		
16170-0225	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	412.16	108.70
16170-0226	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	650.56	150.55
16170-0227	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	834.38	172.66
16170-0228	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	1,151.54	279.60
16170-0229	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	2,464.69	466.35
16170-0230	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	4,308.77	621.69
16170-0231	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	6,686.45	739.68
16170-0232	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 240 V, 3 Phase.....	8,819.62	845.35
16170-0233		480 Volt Class, 3 Wire, 3 Blades <small>(16170-0205)</small>		
16170-0234	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	448.26	119.76
16170-0235	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	709.92	167.73
16170-0236	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	902.73	189.36
16170-0237	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	1,221.82	293.54
16170-0238	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	2,619.72	489.18
16170-0239	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	4,588.51	652.26
16170-0240	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	7,128.68	774.90
16170-0241	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 480 V, 3 Phase.....	9,398.12	880.57
16170-0242		600 Volt Class, 3 Wire, 3 Blades <small>(16170-0205)</small>		
16170-0243	EA	30 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	255.39	119.76
16170-0244	EA	60 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	734.87	167.73
16170-0245	EA	100 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	937.52	189.36
16170-0246	EA	200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	1,264.15	293.54
16170-0247	EA	400 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	2,729.32	489.18
16170-0248	EA	600 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	4,571.76	652.26
16170-0249	EA	800 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	7,119.30	774.90
16170-0250	EA	1200 A Non-Fused, NEMA 3R, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	9,385.36	880.57
16170-0251		General Duty Fusible Switches <small>(16170-0151)</small>		
		Note: With fuses, neutral bar, and hub if required		
16170-0252		240 Volt Class, 2 Wire, 1 Blade And Fuseholder <small>(16170-0251)</small>		
16170-0253	EA	30 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	225.10	72.00
16170-0254	EA	60 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	313.86	86.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0255 EA 100 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	409.59	100.45
16170-0256 EA 200 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	826.93	153.15
16170-0257 EA 400 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	1,990.94	245.02
16170-0258 EA 600 A, Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	3,502.40	326.87
16170-0259 240 Volt Class, 3 Wire, 2 Blades And Fuseholders (16170-0251)		
16170-0260 EA 30 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	308.34	113.49
16170-0261 EA 60 A Fused Disconnect Switch, NEMA 3R, General Heavy Duty, With Fuses, 240 V, 3 Phase.....	441.59	150.12
16170-0262 EA 100 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	537.79	164.70
16170-0263 EA 200 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	1,031.63	255.22
16170-0264 EA 400 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	2,352.73	425.35
16170-0265 EA 600 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	3,988.27	567.37
16170-0266 240 Volt Class, 4 Wire, 3 Blades And Fuseholders (16170-0251)		
16170-0267 EA 30 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	343.29	113.42
16170-0268 EA 60 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	476.68	150.12
16170-0269 EA 100 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	650.64	164.70
16170-0270 EA 200 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	1,104.50	255.22
16170-0271 EA 400 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	2,399.54	425.42
16170-0272 EA 600 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	4,353.47	567.37
16170-0273 EA 800 A Fused Disconnect Switch, NEMA 3R, General Duty, With Fuses, 240 V, 3 Phase.....	6,180.00	642.75
16170-0274 General Duty Non-Fusible Switches (16170-0151)		
16170-0275 240 Volt Class, 2 Wire, 2 Blades (16170-0274)		
16170-0276 EA 30 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase.....	202.65	63.05
16170-0277 EA 60 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase.....	327.74	87.28
16170-0278 EA 100 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase.....	346.56	100.10
16170-0279 EA 200 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase.....	845.04	162.03
16170-0280 EA 400 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase.....	2,041.97	270.37
16170-0281 EA 600 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 1 Phase.....	3,571.25	360.47
16170-0282 240 Volt Class, 3 Wire, 3 Blades (16170-0274)		
16170-0283 EA 30 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase.....	316.18	94.54
16170-0284 EA 60 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase.....	453.88	130.88
16170-0285 EA 100 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase.....	654.33	150.12
16170-0286 EA 200 A Non-Fused, NEMA 3R, General Duty Disconnect Switch, 240 V, 3 Phase.....	1,121.20	243.11
16170-0287 Safety Switches, NEMA 4, 4X Or 5 Enclosure, Neutral Kit (16170)		
16170-0288 Heavy Duty Fusible Switches (16170-0287) Note: With fuses and neutral bar (stainless steel)		
16170-0289 240 Volt Class, 2 Wire, 2 Blades And Fuseholders (16170-0288)		
16170-0290 EA 30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	917.79	70.45
16170-0291 EA 60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	1,102.57	84.88
16170-0292 EA 100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	2,231.32	99.19
16170-0293 EA 200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	3,090.89	156.53
16170-0294 EA 400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	6,265.31	242.90
16170-0295 EA 600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	9,008.34	359.14
16170-0296 600 Volt Class, 2 Wire, 2 Blades And Fuseholders (16170-0288)		
16170-0297 EA 30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	1,161.98	78.27
16170-0298 EA 60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	1,293.95	94.26
16170-0299 EA 100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	2,413.21	110.18
16170-0300 EA 200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	3,415.03	174.00
16170-0301 EA 400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	6,510.93	270.09
16170-0302 EA 600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	9,338.60	399.00
16170-0303 240 Volt Class, 3 Wire, 3 Blades And Fuseholders (16170-0288)		
16170-0304 EA 30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,039.07	110.74
16170-0305 EA 60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,304.30	146.74
16170-0306 EA 100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase.....	2,459.63	163.08
16170-0307 EA 200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase.....	3,502.15	255.22
16170-0308 EA 400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase.....	6,809.34	419.29
16170-0309 EA 600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase.....	9,714.72	587.03
16170-0310 600 Volt Class, 3 Wire, 3 Blades And Fuseholders (16170-0288)		
16170-0311 EA 30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,253.18	122.29
16170-0312 EA 60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,434.98	163.08
16170-0313 EA 100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase.....	2,566.54	183.44
16170-0314 EA 200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase.....	3,635.62	279.53
16170-0315 EA 400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase.....	7,036.84	451.56



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0316	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	10,015.49	652.26
16170-0317		240 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0288)</small>		
16170-0318	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	1,236.76	110.74
16170-0319	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	1,551.43	146.74
16170-0320	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	2,954.14	163.08
16170-0321	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	4,178.37	255.22
16170-0322	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	8,140.22	419.29
16170-0323	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 240 V, 3 Phase	11,543.66	587.03
16170-0324		600 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0288)</small>		
16170-0325	EA	30 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	1,486.77	122.29
16170-0326	EA	60 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	1,699.86	163.08
16170-0327	EA	100 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	3,071.30	183.44
16170-0328	EA	200 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	4,317.49	279.53
16170-0329	EA	400 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	8,385.67	451.56
16170-0330	EA	600 A, Fused Disconnect Switch, NEMA 4, 4X Or 5, Heavy Duty, With Fuses, 600 V, 3 Phase	11,869.38	652.26
16170-0331		Heavy Duty Non-Fusible Switches <small>(16170-0287)</small>		
		Note: Stainless steel		
16170-0332		240 Volt Class, 2 Wire, 2 Blades <small>(16170-0331)</small>		
16170-0333	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	881.31	70.45
16170-0334	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,075.80	97.99
16170-0335	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,007.12	112.72
16170-0336	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	2,790.72	180.06
16170-0337	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	5,073.67	299.82
16170-0338	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 1 Phase	7,261.47	408.45
16170-0339		600 Volt Class, 2 Wire, 2 Blades <small>(16170-0331)</small>		
16170-0340	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,001.67	77.70
16170-0341	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	1,225.17	109.90
16170-0342	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	2,286.69	125.25
16170-0343	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	3,169.25	195.70
16170-0344	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	5,757.35	322.08
16170-0345	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 1 Phase	8,267.03	450.86
16170-0346		240 Volt Class, 3 Wire, 3 Blades <small>(16170-0331)</small>		
16170-0347	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	923.87	91.72
16170-0348	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,121.01	127.65
16170-0349	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,173.28	146.74
16170-0350	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,251.32	234.80
16170-0351	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,213.30	391.40
16170-0352	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	7,724.18	533.70
16170-0353		600 Volt Class, 3 Wire, 3 Blades <small>(16170-0331)</small>		
16170-0354	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,048.63	101.23
16170-0355	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,291.80	143.22
16170-0356	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,362.35	163.08
16170-0357	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,288.27	255.22
16170-0358	EA	400 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	6,542.82	419.29
16170-0359	EA	600 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	8,781.90	587.03
16170-0360		240 Volt Class, 4 Wire, 4 Blades <small>(16170-0331)</small>		
16170-0361	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,261.84	91.72
16170-0362	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,517.42	127.65
16170-0363	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,379.70	146.74
16170-0364	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 240 V, 3 Phase	5,158.44	234.80
16170-0365		600 Volt Class, 4 Wire, 4 Blades <small>(16170-0331)</small>		
16170-0366	EA	30 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,434.87	101.23
16170-0367	EA	60 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,728.85	143.22
16170-0368	EA	100 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,853.21	163.08
16170-0369	EA	200 A, Non-Fused, NEMA 4, 4X Or 5, Heavy Duty Disconnect Switch, 600 V, 3 Phase	5,869.10	255.22
16170-0370		Krydon Enclosures <small>(16170-0287)</small>		
16170-0371		600 Volt Class, 3 Pole, Fusible <small>(16170-0370)</small>		
16170-0372	EA	30 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	1,905.02	122.22
16170-0373	EA	60 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	2,172.45	163.08
16170-0374	EA	100 A, Fused Disconnect Switch, NEMA 4X, Heavy Duty, With Fuses, 600 V, 3 Phase	3,902.29	183.51



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0375 600 Volt Class, 3 Pole, Non-Fusible <small>(16170-0370)</small>		
16170-0376 EA 30 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	1,782.89	101.09
16170-0377 EA 60 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	2,044.72	143.36
16170-0378 EA 100 A, Non-Fused, NEMA 4X, Heavy Duty Disconnect Switch, 600 V, 3 Phase.....	3,693.61	163.08
16170-0379 Safety Switches, NEMA 7 Or 9 Enclosures, Neutral Kit <small>(16170)</small>		
Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500		
16170-0380 Heavy Duty Fusible Switches <small>(16170-0379)</small>		
Note: With fuses and neutral bar		
16170-0381 EA 30 - 60 A, Fused Disconnect Switch, NEMA 7 - 9, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,571.31	167.73
16170-0382 EA 100 A, Fused Disconnect Switch, NEMA 7 - 9, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,903.69	189.36
16170-0383 EA 200 A, Fused Disconnect Switch, NEMA 7 - 9, Heavy Duty, With Fuses, 240 V, 3 Phase.....	4,012.76	293.54
16170-0384 Heavy Duty Non-Fusible Switch <small>(16170-0379)</small>		
16170-0385 EA 60 A, Non-Fused, NEMA 7 - 9, Heavy Duty Disconnect Switch, With Fuses, 240 V, 3 Phase.....	1,193.25	167.73
16170-0386 EA 100 A, Non-Fused, NEMA 7 - 9, Heavy Duty Disconnect Switch, With Fuses, 240 V, 3 Phase.....	1,394.73	189.36
16170-0387 EA 200 A, Non-Fused, NEMA 7 - 9, Heavy Duty Disconnect Switch, With Fuses, 240 V, 3 Phase.....	2,550.52	293.54
16170-0388 Safety Switches, NEMA 12 Enclosure, Neutral Kit <small>(16170)</small>		
16170-0389 Heavy Duty Fusible Switches <small>(16170-0388)</small>		
Note: With fuses and neutral bar		
16170-0390 240 Volt Class, 2 Wire, 2 Blades And Fuseholders <small>(16170-0389)</small>		
16170-0391 EA 30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	346.07	70.45
16170-0392 EA 60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	450.17	84.88
16170-0393 EA 100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	610.17	99.33
16170-0394 EA 200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	1,026.45	156.39
16170-0395 EA 400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	2,167.92	243.04
16170-0396 EA 600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 1 Phase, 2 Pole.....	3,894.53	359.28
16170-0397 600 Volt Class, 2 Wire, 2 Blades And Fuseholders <small>(16170-0389)</small>		
16170-0398 EA 30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	535.39	78.20
16170-0399 EA 60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	555.40	94.40
16170-0400 EA 100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	793.68	110.25
16170-0401 EA 200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	1,242.14	174.00
16170-0402 EA 400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	2,683.01	269.81
16170-0403 EA 600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 1 Phase, 2 Pole.....	5,273.86	399.07
16170-0404 240 Volt Class, 3 Wire, 3 Blades And Fuseholders <small>(16170-0389)</small>		
16170-0405 EA 30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	484.15	110.60
16170-0406 EA 60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	669.01	146.88
16170-0407 EA 100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	904.08	163.08
16170-0408 EA 200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,346.94	255.36
16170-0409 EA 400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	2,623.78	419.15
16170-0410 EA 600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	4,190.99	587.17
16170-0411 600 Volt Class, 3 Wire, 3 Blades And Fuseholders <small>(16170-0389)</small>		
16170-0412 EA 30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	638.61	122.22
16170-0413 EA 60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	729.24	163.08
16170-0414 EA 100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,060.96	183.51
16170-0415 EA 200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,547.13	279.67
16170-0416 EA 400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	3,209.59	451.56
16170-0417 EA 600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	5,990.18	652.33
16170-0418 240 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0389)</small>		
16170-0419 EA 30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	515.51	110.60
16170-0420 EA 60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	690.56	146.88
16170-0421 EA 100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	971.70	163.08
16170-0422 EA 200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	1,431.84	255.36
16170-0423 EA 400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	2,851.10	419.15
16170-0424 EA 600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 240 V, 3 Phase.....	4,344.56	587.17
16170-0425 600 Volt Class, 4 Wire, 3 Blades And Fuseholders <small>(16170-0389)</small>		
16170-0426 EA 30 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	674.97	122.22
16170-0427 EA 60 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	826.23	163.08
16170-0428 EA 100 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,127.65	183.51
16170-0429 EA 200 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	1,674.42	279.67
16170-0430 EA 400 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase.....	3,415.68	451.56



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0431 EA 600 A, Fused Disconnect Switch, NEMA 12, Heavy Duty, With Fuses, 600 V, 3 Phase	6,159.90	652.33
16170-0432 Heavy Duty Non-Fusible Switches <small>(16170-0388)</small>		
16170-0433 240 Volt Class, 2 Wire, 2 Blades <small>(16170-0432)</small>		
16170-0434 EA 30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	361.34	101.80
16170-0435 EA 60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	480.28	141.94
16170-0436 EA 100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	632.72	163.08
16170-0437 EA 200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	906.99	261.00
16170-0438 EA 400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	1,971.87	435.01
16170-0439 EA 600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 1 Phase	3,106.76	593.15
16170-0440 600 Volt Class, 2 Wire, 2 Blades <small>(16170-0432)</small>		
16170-0441 EA 30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	402.58	112.37
16170-0442 EA 60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	534.01	159.21
16170-0443 EA 100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	705.11	181.05
16170-0444 EA 200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	985.48	283.55
16170-0445 EA 400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	2,089.02	466.00
16170-0446 EA 600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 1 Phase	3,432.48	652.33
16170-0447 240 Volt Class, 3 Wire, 3 Blades <small>(16170-0432)</small>		
16170-0448 EA 30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	465.59	91.58
16170-0449 EA 60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	614.07	127.51
16170-0450 EA 100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	812.60	146.88
16170-0451 EA 200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,165.39	234.94
16170-0452 EA 400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,432.41	391.33
16170-0453 EA 600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	3,820.25	533.62
16170-0454 600 Volt Class, 3 Wire, 3 Blades <small>(16170-0432)</small>		
16170-0455 EA 30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	458.23	101.09
16170-0456 EA 60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	665.21	143.36
16170-0457 EA 100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	871.68	163.08
16170-0458 EA 200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,156.03	255.36
16170-0459 EA 400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	2,448.00	419.15
16170-0460 EA 600 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	4,538.30	587.17
16170-0461 240 Volt Class, 4 Wire, 4 Blades <small>(16170-0432)</small>		
16170-0462 EA 30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	555.31	91.58
16170-0463 EA 60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	665.10	127.51
16170-0464 EA 100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,021.63	146.88
16170-0465 EA 200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	1,620.50	234.94
16170-0466 EA 400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 240 V, 3 Phase	2,903.94	299.40
16170-0467 600 Volt Class, 4 Wire, 4 Blades <small>(16170-0432)</small>		
16170-0468 EA 30 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	578.26	101.09
16170-0469 EA 60 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	725.83	143.36
16170-0470 EA 100 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,092.93	163.08
16170-0471 EA 200 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	1,668.23	255.36
16170-0472 EA 400 A, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 V, 3 Phase	3,105.90	394.50
16170-0473 Double Throw Safety Switches <small>(16170)</small>		
16170-0474 Safety Switches, NEMA 1 Enclosure <small>(16170-0473)</small>		
Note: With neutral kit		
16170-0475 240 Volt Class, 2 Pole, Non-Fusible <small>(16170-0474)</small>		
16170-0476 EA 30 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1	434.95	90.52
16170-0477 EA 60 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1	638.74	118.35
16170-0478 EA 100 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1	893.17	154.63
16170-0479 EA 200 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1	1,189.81	201.12
16170-0480 EA 400 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1	2,814.23	251.49
16170-0481 EA 600 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1	5,106.70	403.30
16170-0482 240 Volt Class, 3 Pole, Non-Fusible <small>(16170-0474)</small>		
16170-0483 EA 30 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1	551.89	126.80
16170-0484 EA 60 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1	767.59	165.55
16170-0485 EA 100 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1	1,147.44	216.62
16170-0486 EA 200 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1	1,676.12	281.78
16170-0487 EA 400 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1	3,879.31	352.23
16170-0488 EA 600 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1	5,430.95	563.56



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	16170-0489	240 Volt Class, 4 Pole, Non-Fusible (16170-0474)		
	16170-0490	EA 30 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 1.....	730.87	158.51
	16170-0491	EA 60 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1.....	1,057.59	207.12
	16170-0492	EA 100 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1.....	1,853.38	270.51
	16170-0493	EA 200 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1.....	2,534.24	351.53
	16170-0494	EA 400 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1.....	5,042.38	440.29
	16170-0495	EA 600 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 1.....	6,415.59	705.52
	16170-0496	600 Volt Class, 2 Pole, Non-Fusible (16170-0474)		
	16170-0497	EA 60 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1.....	733.29	118.35
	16170-0498	EA 100 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1.....	1,096.98	154.63
	16170-0499	EA 200 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1.....	1,610.56	201.12
	16170-0500	EA 400 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1.....	3,744.37	251.49
	16170-0501	EA 600 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 1.....	5,542.43	403.30
	16170-0502	600 Volt Class, 3 Pole, Non-Fusible (16170-0474)		
	16170-0503	EA 60 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1.....	827.59	165.55
	16170-0504	EA 100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1.....	1,220.61	216.62
	16170-0505	EA 200 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1.....	1,771.18	281.78
	16170-0506	EA 400 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1.....	3,945.67	352.23
	16170-0507	EA 600 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 1.....	5,863.89	563.56
	16170-0508	600 Volt Class, 4 Pole, Non-Fusible (16170-0474)		
	16170-0509	EA 60 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1.....	1,116.80	207.12
	16170-0510	EA 100 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1.....	1,938.90	270.51
	16170-0511	EA 200 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1.....	2,711.14	351.53
	16170-0512	EA 400 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1.....	5,419.22	440.29
	16170-0513	EA 600 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 1.....	6,837.39	705.52
	16170-0514	Safety Switches, NEMA 3R Enclosure (16170-0473)		
		Note: With neutral kit		
	16170-0515	240 Volt Class, 2 Pole, Non-Fusible (16170-0514)		
	16170-0516	EA 100 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R.....	1,107.47	154.63
	16170-0517	EA 200 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R.....	2,505.14	201.12
	16170-0518	EA 400 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R.....	8,112.89	251.49
	16170-0519	EA 600 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 3R.....	13,966.11	403.30
	16170-0520	240 Volt Class, 3 Pole, Non-Fusible (16170-0514)		
	16170-0521	EA 100 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R.....	1,454.74	216.27
	16170-0522	EA 200 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R.....	2,333.26	281.43
	16170-0523	EA 400 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R.....	8,385.89	352.23
	16170-0524	EA 600 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 3R.....	9,154.67	564.63
	16170-0525	240 Volt Class, 4 Pole, Non-Fusible (16170-0514)		
	16170-0526	EA 30 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R.....	1,390.81	158.58
	16170-0527	EA 60 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R.....	1,727.04	206.96
	16170-0528	EA 100 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R.....	2,417.12	270.44
	16170-0529	EA 200 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R.....	3,486.72	351.67
	16170-0530	EA 400 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R.....	5,884.58	440.29
	16170-0531	EA 600 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R.....	6,907.95	705.59
	16170-0532	600 Volt Class, 2 Pole, Non-Fusible (16170-0514)		
	16170-0533	EA 60 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R.....	936.36	118.35
	16170-0534	EA 100 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R.....	1,419.41	154.63
	16170-0535	EA 200 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R.....	2,565.72	201.12
	16170-0536	EA 400 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R.....	4,906.16	251.49
	16170-0537	EA 600 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 3R.....	6,571.81	403.30
	16170-0538	600 Volt Class, 3 Pole, Non-Fusible (16170-0514)		
	16170-0539	EA 60 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R.....	1,067.95	165.55
	16170-0540	EA 100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R.....	1,601.61	216.27
	16170-0541	EA 200 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R.....	2,840.20	281.43
	16170-0542	EA 400 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R.....	5,339.22	352.23
	16170-0543	EA 600 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R.....	7,196.32	564.63
	16170-0544	600 Volt Class, 4 Pole, Non-Fusible (16170-0514)		
	16170-0545	EA 60 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R.....	1,740.74	206.96
	16170-0546	EA 100 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R.....	2,423.40	270.44
	16170-0547	EA 200 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R.....	3,573.99	351.67

16000 Electrical
16100 Basic Materials And Methods
16170 Motor And Circuit Disconnects



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16170-0548 EA 400 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	5,874.28	440.29
16170-0549 EA 600 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 3R	6,964.75	705.59
16170-0550 Safety Switches, NEMA 12 Enclosure (16170-0473)		
Note: With neutral kit		
16170-0551 240 Volt Class, 2 Pole, Non-Fusible (16170-0550)		
16170-0552 EA 30 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,104.78	90.59
16170-0553 EA 60 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,254.94	118.28
16170-0554 EA 100 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,424.71	154.56
16170-0555 EA 200 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	1,956.02	200.98
16170-0556 EA 400 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	3,626.60	251.56
16170-0557 EA 600 A Double Throw Safety Switch, 240 V, 2 Pole, NEMA 12	5,326.39	403.16
16170-0558 240 Volt Class, 3 Pole, Non-Fusible (16170-0550)		
16170-0559 EA 30 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	1,274.72	126.80
16170-0560 EA 60 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	1,511.27	165.55
16170-0561 EA 100 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	1,797.97	216.27
16170-0562 EA 200 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	2,502.16	281.43
16170-0563 EA 400 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	4,524.18	352.23
16170-0564 EA 600 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 12	6,000.75	564.63
16170-0565 240 Volt Class, 4 Pole, Non-Fusible (16170-0550)		
16170-0566 EA 30 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	1,897.41	158.58
16170-0567 EA 60 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	2,224.84	206.96
16170-0568 EA 100 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	3,047.32	270.44
16170-0569 EA 200 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	4,136.27	351.67
16170-0570 EA 400 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	7,608.96	440.29
16170-0571 EA 600 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 12	9,489.75	705.59
16170-0572 600 Volt Class, 2 Pole, Non-Fusible (16170-0550)		
16170-0573 EA 60 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	1,647.05	118.28
16170-0574 EA 100 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	1,738.82	154.56
16170-0575 EA 200 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	3,275.85	200.98
16170-0576 EA 400 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	4,718.54	251.56
16170-0577 EA 600 A Double Throw Safety Switch, 600 V, 2 Pole, NEMA 12	6,350.76	403.16
16170-0578 600 Volt Class, 3 Pole, Non-Fusible (16170-0550)		
16170-0579 EA 60 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	1,815.90	165.55
16170-0580 EA 100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	1,937.77	216.27
16170-0581 EA 200 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	3,587.58	281.43
16170-0582 EA 400 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	5,141.54	352.23
16170-0583 EA 600 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 12	6,963.40	564.63
16170-0584 600 Volt Class, 4 Pole, Non-Fusible (16170-0550)		
16170-0585 EA 60 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	2,247.18	206.96
16170-0586 EA 100 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	3,212.10	270.44
16170-0587 EA 200 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	4,233.39	351.67
16170-0588 EA 400 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	7,818.02	440.29
16170-0589 EA 600 A Double Throw Safety Switch, 600 V, 4 Pole, NEMA 12	9,766.85	705.59
16170-0590 Removal And Reinstallation Of Disconnect Switches (16170)		
Note: Includes storage and cleaning		
16170-0591 EA Remove And Reinstall Safety Disconnect Switch Up To 100 Amp	352.23	
16170-0592 EA Remove And Reinstall Safety Disconnect Switch 101 To 200 Amp	457.92	
16170-0593 EA Remove And Reinstall Safety Disconnect Switch 201 To 300 Amp	510.77	
16170-0594 EA Remove And Reinstall Safety Disconnect Switch 301 To 400 Amp	598.83	
16181 Fuses (16100)		
See CSI section 16923-0007 for control circuit fuses.		
16181-0001 Fuses (16181)		
16181-0002 Time Delay, Current Limiting, Type RK1, 250 Volt (16181-0001)		
16181-0003 250 Volt, Ferrule Type (16181-0002)		
16181-0004 EA 1 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07
16181-0005 EA 2 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07
16181-0006 EA 3 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07
16181-0007 EA 4 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07
16181-0008 EA 5 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07
16181-0009 EA 10 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07
16181-0010 EA 15 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type	17.34	5.07



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16181-0011	EA	20 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	17.34	5.07
16181-0012	EA	25 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	17.34	5.07
16181-0013	EA	30 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	17.34	5.07
16181-0014	EA	35 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	23.79	5.07
16181-0015	EA	40 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	23.79	5.07
16181-0016	EA	45 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	23.79	5.07
16181-0017	EA	50 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	24.13	5.07
16181-0018	EA	60 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type.....	24.13	5.07
16181-0019		250 Volt, Blade Type <small>(16181-0002)</small>		
16181-0020	EA	70 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	43.37	6.34
16181-0021	EA	80 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	43.37	6.34
16181-0022	EA	90 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	43.37	6.34
16181-0023	EA	100 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	43.37	6.34
16181-0024	EA	110 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	74.81	6.34
16181-0025	EA	125 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	74.81	6.34
16181-0026	EA	150 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	76.22	6.98
16181-0027	EA	200 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	76.22	6.98
16181-0028	EA	250 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	136.68	6.98
16181-0029	EA	300 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	140.20	8.59
16181-0030	EA	350 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	140.20	8.59
16181-0031	EA	400 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	140.20	8.59
16181-0032	EA	450 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	167.74	8.59
16181-0033	EA	500 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	171.97	10.50
16181-0034	EA	600 Amp, 250 Volt, Current Limiting Fuse RK1, Blade Type.....	171.97	10.50
16181-0035		Time Delay, Current Limiting, Type RK1, 600 Volt <small>(16181-0001)</small>		
16181-0036		600 Volt, Ferrule Type <small>(16181-0035)</small>		
16181-0037	EA	1 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0038	EA	2 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0039	EA	3 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0040	EA	4 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0041	EA	5 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0042	EA	10 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0043	EA	15 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0044	EA	20 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0045	EA	25 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0046	EA	30 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	19.30	5.07
16181-0047	EA	35 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	26.99	5.07
16181-0048	EA	40 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	26.99	5.07
16181-0049	EA	45 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	26.99	5.07
16181-0050	EA	50 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	31.28	5.07
16181-0051	EA	60 Amp, 600 Volt, Current Limiting Fuse RK1, Ferrule Type.....	31.28	5.07
16181-0052		600 Volt, Blade Type <small>(16181-0035)</small>		
16181-0053	EA	70 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	54.75	6.34
16181-0054	EA	80 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	56.16	6.98
16181-0055	EA	90 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	56.16	6.98
16181-0056	EA	100 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	55.27	6.98
16181-0057	EA	110 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	82.99	6.98
16181-0058	EA	125 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	82.99	6.98
16181-0059	EA	150 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	91.33	8.59
16181-0060	EA	200 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	91.33	8.59
16181-0061	EA	250 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	153.58	8.59
16181-0062	EA	300 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	157.81	10.50
16181-0063	EA	350 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	171.97	10.50
16181-0064	EA	400 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	171.97	10.50
16181-0065	EA	450 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	207.41	10.50
16181-0066	EA	500 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	212.33	12.68
16181-0067	EA	600 Amp, 600 Volt, Current Limiting Fuse RK1, Blade Type.....	212.33	12.68
16181-0068		Current Limiting Class L Fuses <small>(16181-0001)</small>		
		Note: 300K Amp interrupting rating 600 VAC, 50K Amp interrupting rating 340 VDC.		
16181-0069		KRP-C Series Fuse <small>(16181-0068)</small>		
16181-0070	EA	601 Amp KRP-C Fuse, 600 VAC.....	529.29	12.68
16181-0071	EA	650 Amp KRP-C Fuse, 600 VAC.....	614.30	12.68
16181-0072	EA	700 Amp KRP-C Fuse, 600 VAC.....	529.29	12.68
16181-0073	EA	750 Amp KRP-C Fuse, 600 VAC.....	614.30	12.68
16181-0074	EA	800 Amp KRP-C Fuse, 600 VAC.....	452.54	12.68
16181-0075	EA	900 Amp KRP-C Fuse, 600 VAC.....	614.30	12.68
16181-0076	EA	1000 Amp KRP-C Fuse, 600 VAC.....	453.96	13.32
16181-0077	EA	1200 Amp KRP-C Fuse, 600 VAC.....	453.96	13.32
16181-0078	EA	1350 Amp KRP-C Fuse, 600 VAC.....	794.39	14.30
16181-0079	EA	1400 Amp KRP-C Fuse, 600 VAC.....	794.39	14.30
16181-0080	EA	1500 Amp KRP-C Fuse, 600 VAC.....	794.39	14.30

16000 Electrical
16100 Basic Materials And Methods
16181 Fuses



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16181-0081 EA 1600 Amp KRP-C Fuse, 600 VAC	585.13	14.30
16181-0082 EA 1800 Amp KRP-C Fuse, 600 VAC	1,039.48	14.86
16181-0083 EA 2000 Amp KRP-C Fuse, 600 VAC	897.68	14.86
16181-0084 EA 2400 Amp KRP-C Fuse, 600 VAC	1,562.66	15.57
16181-0085 EA 2500 Amp KRP-C Fuse, 600 VAC	1,181.33	16.20
16181-0086 EA 3000 Amp KRP-C Fuse, 600 VAC	1,356.18	16.20
16181-0087 EA 3500 Amp KRP-C Fuse, 600 VAC	2,109.27	16.83
16181-0088 EA 3800 Amp KRP-C Fuse, 600 VAC	2,943.55	16.83
16181-0089 EA 4000 Amp KRP-C Fuse, 600 VAC	1,817.41	16.83
16181-0090 EA 4500 Amp KRP-C Fuse, 600 VAC	2,944.95	17.47
16181-0091 EA 5000 Amp KRP-C Fuse, 600 VAC	2,381.88	17.47
16181-0092 EA 6000 Amp KRP-C Fuse, 600 VAC	2,935.36	18.11

16181-0093**Midget Class Fuses** (16181-0001)

Note: 600V AC, 250/300V DC

16181-0094 EA 1 Amp Midget Fuse.....	22.57	5.07
16181-0095 EA 2 Amp Midget Fuse.....	21.79	5.07
16181-0096 EA 3 Amp Midget Fuse.....	22.25	5.07
16181-0097 EA 5 Amp Midget Fuse.....	22.54	5.07
16181-0098 EA 6 Amp Midget Fuse.....	27.58	5.07
16181-0099 EA 8 Amp Midget Fuse.....	23.61	5.07
16181-0100 EA 10 Amp Midget Fuse.....	25.32	5.07
16181-0101 EA 15 Amp Midget Fuse.....	23.26	5.07
16181-0102 EA 20 Amp Midget Fuse.....	22.48	5.07
16181-0103 EA 25 Amp Midget Fuse.....	22.17	5.07
16181-0104 EA 30 Amp Midget Fuse.....	22.02	5.07

16190 Supporting Devices (16100)

Note: For use with new conduit and boxes. Also for use with retrofitting or upgrading existing devices. See CSI section 05501-0000 for anchors, 05506-0000 for unistrut.

16190-0001**Supports** (16190)**16190-0002****One Hole Steel Conduit Straps** (16190-0001)

16190-0003 EA 1/2", One Hole Steel Conduit Strap	2.56	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.12	
16MOD-0090 For > 100 To 250, Deduct	-0.24	
16MOD-0091 For > 250 To 500, Deduct	-0.47	
16MOD-0092 For > 500, Deduct	-0.71	
16190-0004 EA 3/4", One Hole Steel Conduit Strap	2.59	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.12	
16MOD-0090 For > 100 To 250, Deduct	-0.24	
16MOD-0091 For > 250 To 500, Deduct	-0.48	
16MOD-0092 For > 500, Deduct	-0.71	
16190-0005 EA 1", One Hole Steel Conduit Strap	2.77	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.25	
16MOD-0091 For > 250 To 500, Deduct	-0.49	
16MOD-0092 For > 500, Deduct	-0.73	
16190-0006 EA 1-1/4", One Hole Steel Conduit Strap	2.90	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.26	
16MOD-0091 For > 250 To 500, Deduct	-0.50	
16MOD-0092 For > 500, Deduct	-0.74	
16190-0007 EA 1-1/2", One Hole Steel Conduit Strap	2.99	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.26	
16MOD-0091 For > 250 To 500, Deduct	-0.51	
16MOD-0092 For > 500, Deduct	-0.75	
16190-0008 EA 2", One Hole Steel Conduit Strap	3.53	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.29	
16MOD-0091 For > 250 To 500, Deduct	-0.55	
16MOD-0092 For > 500, Deduct	-0.81	
16190-0009 EA 2-1/2", One Hole Steel Conduit Strap	4.09	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.16	
16MOD-0090 For > 100 To 250, Deduct	-0.32	
16MOD-0091 For > 250 To 500, Deduct	-0.59	
16MOD-0092 For > 500, Deduct	-0.86	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0010 EA 3", One Hole Steel Conduit Strap	4.27	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.16	
16MOD-0090 For > 100 To 250, Deduct	-0.33	
16MOD-0091 For > 250 To 500, Deduct	-0.60	
16MOD-0092 For > 500, Deduct	-0.88	
16190-0011 EA 3-1/2", One Hole Steel Conduit Strap	5.18	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.19	
16MOD-0090 For > 100 To 250, Deduct	-0.37	
16MOD-0091 For > 250 To 500, Deduct	-0.67	
16MOD-0092 For > 500, Deduct	-0.97	
16190-0012 EA 4", One Hole Steel Conduit Strap	5.91	
16MOD-0086 For Work In Restricted Working Space, Add	0.68	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.20	
16MOD-0090 For > 100 To 250, Deduct	-0.41	
16MOD-0091 For > 250 To 500, Deduct	-0.73	
16MOD-0092 For > 500, Deduct	-1.04	
16190-0013 Two Hole Steel Conduit Straps (16190-0001)		
16190-0014 EA 1/2", Two Hole Steel Conduit Strap	2.92	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.27	
16MOD-0091 For > 250 To 500, Deduct	-0.54	
16MOD-0092 For > 500, Deduct	-0.80	
16190-0015 EA 3/4", Two Hole Steel Conduit Strap	2.98	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.28	
16MOD-0091 For > 250 To 500, Deduct	-0.54	
16MOD-0092 For > 500, Deduct	-0.81	
16190-0016 EA 1", Two Hole Steel Conduit Strap	3.01	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.28	
16MOD-0091 For > 250 To 500, Deduct	-0.54	
16MOD-0092 For > 500, Deduct	-0.81	
16190-0017 EA 1-1/4", Two Hole Steel Conduit Strap	3.06	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.28	
16MOD-0091 For > 250 To 500, Deduct	-0.55	
16MOD-0092 For > 500, Deduct	-0.81	
16190-0018 EA 1-1/2", Two Hole Steel Conduit Strap	3.09	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.28	
16MOD-0091 For > 250 To 500, Deduct	-0.55	
16MOD-0092 For > 500, Deduct	-0.82	
16190-0019 EA 2", Two Hole Steel Conduit Strap	3.16	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.14	
16MOD-0090 For > 100 To 250, Deduct	-0.29	
16MOD-0091 For > 250 To 500, Deduct	-0.55	
16MOD-0092 For > 500, Deduct	-0.82	
16190-0020 EA 2-1/2", Two Hole Steel Conduit Strap	3.57	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.15	
16MOD-0090 For > 100 To 250, Deduct	-0.31	
16MOD-0091 For > 250 To 500, Deduct	-0.59	
16MOD-0092 For > 500, Deduct	-0.87	
16190-0021 EA 3", Two Hole Steel Conduit Strap	3.66	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.16	
16MOD-0090 For > 100 To 250, Deduct	-0.31	
16MOD-0091 For > 250 To 500, Deduct	-0.59	
16MOD-0092 For > 500, Deduct	-0.87	
16190-0022 EA 3-1/2", Two Hole Steel Conduit Strap	3.99	
16MOD-0086 For Work In Restricted Working Space, Add	0.76	
16MOD-0088 For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
16MOD-0089 For > 50 To 100, Deduct	-0.16	
16MOD-0090 For > 100 To 250, Deduct	-0.33	
16MOD-0091 For > 250 To 500, Deduct	-0.62	
16MOD-0092 For > 500, Deduct	-0.91	

16000 Electrical
16100 Basic Materials And Methods
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0023	EA		4", Two Hole Steel Conduit Strap	4.21	
	16MOD-0086		For Work In Restricted Working Space, Add	0.76	
	16MOD-0088		For Installation In Concrete (Includes Drilling And Fastener), Add	0.84	
	16MOD-0089		For > 50 To 100, Deduct	-0.17	
	16MOD-0090		For > 100 To 250, Deduct	-0.34	
	16MOD-0091		For > 250 To 500, Deduct	-0.63	
	16MOD-0092		For > 500, Deduct	-0.93	
16190-0024			Clamp Back Spacers <small>(16190-0001)</small>		
16190-0025	EA		1/2" Conduit, Clamp Back Spacer	2.28	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.10	
	16MOD-0090		For > 100 To 250, Deduct	-0.20	
	16MOD-0091		For > 250 To 500, Deduct	-0.39	
	16MOD-0092		For > 500, Deduct	-0.58	
16190-0026	EA		3/4" Conduit, Clamp Back Spacer	2.45	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.11	
	16MOD-0090		For > 100 To 250, Deduct	-0.21	
	16MOD-0091		For > 250 To 500, Deduct	-0.40	
	16MOD-0092		For > 500, Deduct	-0.60	
16190-0027	EA		1" Conduit, Clamp Back Spacer	2.61	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.11	
	16MOD-0090		For > 100 To 250, Deduct	-0.22	
	16MOD-0091		For > 250 To 500, Deduct	-0.42	
	16MOD-0092		For > 500, Deduct	-0.61	
16190-0028	EA		1-1/4" Conduit, Clamp Back Spacer	3.24	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.13	
	16MOD-0090		For > 100 To 250, Deduct	-0.25	
	16MOD-0091		For > 250 To 500, Deduct	-0.46	
	16MOD-0092		For > 500, Deduct	-0.68	
16190-0029	EA		1-1/2" Conduit, Clamp Back Spacer	3.75	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.14	
	16MOD-0090		For > 100 To 250, Deduct	-0.28	
	16MOD-0091		For > 250 To 500, Deduct	-0.50	
	16MOD-0092		For > 500, Deduct	-0.73	
16190-0030	EA		2" Conduit, Clamp Back Spacer	4.28	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.15	
	16MOD-0090		For > 100 To 250, Deduct	-0.30	
	16MOD-0091		For > 250 To 500, Deduct	-0.54	
	16MOD-0092		For > 500, Deduct	-0.78	
16190-0031	EA		2-1/2" Conduit, Clamp Back Spacer	6.44	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.21	
	16MOD-0090		For > 100 To 250, Deduct	-0.41	
	16MOD-0091		For > 250 To 500, Deduct	-0.70	
	16MOD-0092		For > 500, Deduct	-1.00	
16190-0032	EA		3" Conduit, Clamp Back Spacer	9.01	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.27	
	16MOD-0090		For > 100 To 250, Deduct	-0.54	
	16MOD-0091		For > 250 To 500, Deduct	-0.90	
	16MOD-0092		For > 500, Deduct	-1.25	
16190-0033	EA		3-1/2" Conduit, Clamp Back Spacer	11.52	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.33	
	16MOD-0090		For > 100 To 250, Deduct	-0.66	
	16MOD-0091		For > 250 To 500, Deduct	-1.08	
	16MOD-0092		For > 500, Deduct	-1.50	
16190-0034	EA		4" Conduit, Clamp Back Spacer	23.28	
	16MOD-0086		For Work In Restricted Working Space, Add	0.53	
	16MOD-0087		For Installation In Concrete (Includes Drilling And Fastener), Add	0.54	
	16MOD-0089		For > 50 To 100, Deduct	-0.63	
	16MOD-0090		For > 100 To 250, Deduct	-1.25	
	16MOD-0091		For > 250 To 500, Deduct	-1.97	
	16MOD-0092		For > 500, Deduct	-2.68	
16190-0035			Conduit Clips Push-In Type <small>(16190-0001)</small>		
			Note: One bolt style.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0036 EA 1/2", Push-In Conduit Clip.....	2.80	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.25	
16MOD-0091 For > 250 To 500, Deduct	-0.49	
16MOD-0092 For > 500, Deduct	-0.73	
16190-0037 EA 3/4", Push-In Conduit Clip.....	2.80	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.25	
16MOD-0091 For > 250 To 500, Deduct	-0.49	
16MOD-0092 For > 500, Deduct	-0.73	
16190-0038 EA 1", Push-In Conduit Clip.....	2.75	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.25	
16MOD-0091 For > 250 To 500, Deduct	-0.49	
16MOD-0092 For > 500, Deduct	-0.73	
16190-0039 EA 1-1/4", Push-In Conduit Clip.....	2.86	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.67	
16MOD-0089 For > 50 To 100, Deduct	-0.13	
16MOD-0090 For > 100 To 250, Deduct	-0.26	
16MOD-0091 For > 250 To 500, Deduct	-0.50	
16MOD-0092 For > 500, Deduct	-0.74	
16190-0040 Conduit Hanger From Flange, Wire Or Rod (16190-0001)		
Note: Bat wing.		
16190-0041 EA 1/2", Conduit Hanger From Flange, Wire Or Rod.....	2.01	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.52	
16MOD-0089 For > 50 To 100, Deduct	-0.09	
16MOD-0090 For > 100 To 250, Deduct	-0.19	
16MOD-0091 For > 250 To 500, Deduct	-0.36	
16MOD-0092 For > 500, Deduct	-0.54	
16190-0042 EA 3/4", Conduit Hanger From Flange, Wire Or Rod.....	2.04	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.52	
16MOD-0089 For > 50 To 100, Deduct	-0.09	
16MOD-0090 For > 100 To 250, Deduct	-0.19	
16MOD-0091 For > 250 To 500, Deduct	-0.36	
16MOD-0092 For > 500, Deduct	-0.54	
16190-0043 EA 1", Conduit Hanger From Flange, Wire Or Rod.....	2.12	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.52	
16MOD-0089 For > 50 To 100, Deduct	-0.10	
16MOD-0090 For > 100 To 250, Deduct	-0.19	
16MOD-0091 For > 250 To 500, Deduct	-0.37	
16MOD-0092 For > 500, Deduct	-0.55	
16190-0044 EA 1-1/4", Conduit Hanger From Flange, Wire Or Rod.....	2.31	
16MOD-0087 For Installation In Concrete (Includes Drilling And Fastener), Add	0.52	
16MOD-0089 For > 50 To 100, Deduct	-0.10	
16MOD-0090 For > 100 To 250, Deduct	-0.20	
16MOD-0091 For > 250 To 500, Deduct	-0.38	
16MOD-0092 For > 500, Deduct	-0.57	
16190-0045 Beam Flange Clamps (16190-0001)		
Note: For threaded rod, nut not required		
16190-0046 EA 1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24).....	2.87	
16MOD-0089 For > 50 To 100, Deduct	-0.12	
16MOD-0090 For > 100 To 250, Deduct	-0.23	
16MOD-0091 For > 250 To 500, Deduct	-0.44	
16MOD-0092 For > 500, Deduct	-0.64	
16190-0047 EA 5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58).....	2.82	
16MOD-0089 For > 50 To 100, Deduct	-0.11	
16MOD-0090 For > 100 To 250, Deduct	-0.23	
16MOD-0091 For > 250 To 500, Deduct	-0.43	
16MOD-0092 For > 500, Deduct	-0.63	
16190-0048 EA 9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912).....	3.12	
16MOD-0089 For > 50 To 100, Deduct	-0.12	
16MOD-0090 For > 100 To 250, Deduct	-0.24	
16MOD-0091 For > 250 To 500, Deduct	-0.45	
16MOD-0092 For > 500, Deduct	-0.66	
16190-0049 T-Bar Support Clips (16190-0001)		
16190-0050 EA 9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95).....	4.86	
16MOD-0089 For > 50 To 100, Deduct	-0.21	
16MOD-0090 For > 100 To 250, Deduct	-0.42	
16MOD-0091 For > 250 To 500, Deduct	-0.80	
16MOD-0092 For > 500, Deduct	-1.19	
16190-0051 EA 15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS).....	4.63	
16MOD-0089 For > 50 To 100, Deduct	-0.20	
16MOD-0090 For > 100 To 250, Deduct	-0.41	
16MOD-0091 For > 250 To 500, Deduct	-0.79	
16MOD-0092 For > 500, Deduct	-1.17	

16000 Electrical
16100 Basic Materials And Methods
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MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0052	EA 15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16).....	1.70	
	16MOD-0089 For > 50 To 100, Deduct	-0.06	
	16MOD-0090 For > 100 To 250, Deduct	-0.13	
	16MOD-0091 For > 250 To 500, Deduct	-0.24	
	16MOD-0092 For > 500, Deduct	-0.35	
16190-0053	EA 24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512).....	13.27	
	16MOD-0089 For > 50 To 100, Deduct	-0.37	
	16MOD-0090 For > 100 To 250, Deduct	-0.73	
	16MOD-0091 For > 250 To 500, Deduct	-1.17	
	16MOD-0092 For > 500, Deduct	-1.61	
16190-0054	Switch And Outlet Box Type Supports (16190-0001)		
16190-0055	EA 1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	3.44	
	16MOD-0089 For > 50 To 100, Deduct	-0.12	
	16MOD-0090 For > 100 To 250, Deduct	-0.24	
	16MOD-0091 For > 250 To 500, Deduct	-0.43	
	16MOD-0092 For > 500, Deduct	-0.63	
16190-0056	EA 1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500).....	2.94	
	16MOD-0089 For > 50 To 100, Deduct	-0.11	
	16MOD-0090 For > 100 To 250, Deduct	-0.22	
	16MOD-0091 For > 250 To 500, Deduct	-0.40	
	16MOD-0092 For > 500, Deduct	-0.58	
16190-0057	EA Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	3.36	
	16MOD-0089 For > 50 To 100, Deduct	-0.12	
	16MOD-0090 For > 100 To 250, Deduct	-0.24	
	16MOD-0091 For > 250 To 500, Deduct	-0.43	
	16MOD-0092 For > 500, Deduct	-0.62	
16190-0058	EA Snap On, Switch And Outlet Box Support (Caddy MSF)	2.22	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.18	
	16MOD-0091 For > 250 To 500, Deduct	-0.34	
	16MOD-0092 For > 500, Deduct	-0.50	
16190-0059	EA 1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI).....	2.32	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.19	
	16MOD-0091 For > 250 To 500, Deduct	-0.35	
	16MOD-0092 For > 500, Deduct	-0.51	
16190-0060	Lighting Fix Hanger (16190-0001)		
	Note: For existing or owner furnished fixtures		
16190-0061	EA Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	3.31	
	16MOD-0089 For > 50 To 100, Deduct	-0.15	
	16MOD-0090 For > 100 To 250, Deduct	-0.31	
	16MOD-0091 For > 250 To 500, Deduct	-0.60	
	16MOD-0092 For > 500, Deduct	-0.90	
16190-0062	PR Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	10.71	
	16MOD-0089 For > 50 To 100, Deduct	-0.34	
	16MOD-0090 For > 100 To 250, Deduct	-0.68	
	16MOD-0091 For > 250 To 500, Deduct	-1.16	
	16MOD-0092 For > 500, Deduct	-1.64	
16190-0063	PR Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520).....	14.60	
	16MOD-0089 For > 50 To 100, Deduct	-0.44	
	16MOD-0090 For > 100 To 250, Deduct	-0.87	
	16MOD-0091 For > 250 To 500, Deduct	-1.45	
	16MOD-0092 For > 500, Deduct	-2.02	
16190-0064	Rigid Steel Conduit Clamps For Unistrut Channel (16190-0001)		
16190-0065	EA 1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	2.92	
	16MOD-0089 For > 50 To 100, Deduct	-0.13	
	16MOD-0090 For > 100 To 250, Deduct	-0.25	
	16MOD-0091 For > 250 To 500, Deduct	-0.48	
	16MOD-0092 For > 500, Deduct	-0.72	
	16MOD-0103 For Work In Restricted Working Space, Add	0.64	
16190-0066	EA 3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	2.93	
	16MOD-0089 For > 50 To 100, Deduct	-0.13	
	16MOD-0090 For > 100 To 250, Deduct	-0.25	
	16MOD-0091 For > 250 To 500, Deduct	-0.48	
	16MOD-0092 For > 500, Deduct	-0.72	
	16MOD-0103 For Work In Restricted Working Space, Add	0.64	
16190-0067	EA 1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.00	
	16MOD-0089 For > 50 To 100, Deduct	-0.13	
	16MOD-0090 For > 100 To 250, Deduct	-0.26	
	16MOD-0091 For > 250 To 500, Deduct	-0.49	
	16MOD-0092 For > 500, Deduct	-0.72	
	16MOD-0103 For Work In Restricted Working Space, Add	0.64	
16190-0068	EA 1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.78	
	16MOD-0089 For > 50 To 100, Deduct	-0.17	
	16MOD-0090 For > 100 To 250, Deduct	-0.33	
	16MOD-0091 For > 250 To 500, Deduct	-0.64	
	16MOD-0092 For > 500, Deduct	-0.94	
	16MOD-0103 For Work In Restricted Working Space, Add	0.85	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0069	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	4.11	
	16MOD-0089	For > 50 To 100, Deduct	-0.17	
	16MOD-0090	For > 100 To 250, Deduct	-0.35	
	16MOD-0091	For > 250 To 500, Deduct	-0.66	
	16MOD-0092	For > 500, Deduct	-0.98	
	16MOD-0103	For Work In Restricted Working Space, Add	0.85	
16190-0070	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	4.14	
	16MOD-0089	For > 50 To 100, Deduct	-0.17	
	16MOD-0090	For > 100 To 250, Deduct	-0.35	
	16MOD-0091	For > 250 To 500, Deduct	-0.66	
	16MOD-0092	For > 500, Deduct	-0.98	
	16MOD-0103	For Work In Restricted Working Space, Add	0.85	
16190-0071	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.07	
	16MOD-0089	For > 50 To 100, Deduct	-0.21	
	16MOD-0090	For > 100 To 250, Deduct	-0.43	
	16MOD-0091	For > 250 To 500, Deduct	-0.82	
	16MOD-0092	For > 500, Deduct	-1.21	
	16MOD-0103	For Work In Restricted Working Space, Add	1.06	
16190-0072	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.36	
	16MOD-0089	For > 50 To 100, Deduct	-0.22	
	16MOD-0090	For > 100 To 250, Deduct	-0.44	
	16MOD-0091	For > 250 To 500, Deduct	-0.84	
	16MOD-0092	For > 500, Deduct	-1.24	
	16MOD-0103	For Work In Restricted Working Space, Add	1.06	
16190-0073	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.64	
	16MOD-0089	For > 50 To 100, Deduct	-0.23	
	16MOD-0090	For > 100 To 250, Deduct	-0.46	
	16MOD-0091	For > 250 To 500, Deduct	-0.86	
	16MOD-0092	For > 500, Deduct	-1.27	
	16MOD-0103	For Work In Restricted Working Space, Add	1.06	
16190-0074	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.74	
	16MOD-0089	For > 50 To 100, Deduct	-0.23	
	16MOD-0090	For > 100 To 250, Deduct	-0.46	
	16MOD-0091	For > 250 To 500, Deduct	-0.87	
	16MOD-0092	For > 500, Deduct	-1.28	
	16MOD-0103	For Work In Restricted Working Space, Add	1.06	
16190-0075		EMT Conduit Clamps For Unistrut Channel <small>(16190-0001)</small>		
16190-0076	EA	1/2" Diameter, EMT Conduit Clamp For Unistrut Channel.....	3.13	
	16MOD-0089	For > 50 To 100, Deduct	-0.13	
	16MOD-0090	For > 100 To 250, Deduct	-0.26	
	16MOD-0091	For > 250 To 500, Deduct	-0.50	
	16MOD-0092	For > 500, Deduct	-0.74	
	16MOD-0103	For Work In Restricted Working Space, Add	0.64	
16190-0077	EA	3/4" Diameter, EMT Conduit Clamp For Unistrut Channel.....	3.11	
	16MOD-0089	For > 50 To 100, Deduct	-0.13	
	16MOD-0090	For > 100 To 250, Deduct	-0.26	
	16MOD-0091	For > 250 To 500, Deduct	-0.50	
	16MOD-0092	For > 500, Deduct	-0.74	
	16MOD-0103	For Work In Restricted Working Space, Add	0.64	
16190-0078	EA	1" Diameter, EMT Conduit Clamp For Unistrut Channel.....	3.07	
	16MOD-0089	For > 50 To 100, Deduct	-0.13	
	16MOD-0090	For > 100 To 250, Deduct	-0.26	
	16MOD-0091	For > 250 To 500, Deduct	-0.50	
	16MOD-0092	For > 500, Deduct	-0.73	
	16MOD-0103	For Work In Restricted Working Space, Add	0.64	
16190-0079	EA	1-1/4" Diameter, EMT Conduit Clamp For Unistrut Channel.....	4.04	
	16MOD-0089	For > 50 To 100, Deduct	-0.17	
	16MOD-0090	For > 100 To 250, Deduct	-0.34	
	16MOD-0091	For > 250 To 500, Deduct	-0.66	
	16MOD-0092	For > 500, Deduct	-0.97	
	16MOD-0103	For Work In Restricted Working Space, Add	0.85	
16190-0080	EA	1-1/2" Diameter, EMT Conduit Clamp For Unistrut Channel.....	4.61	
	16MOD-0089	For > 50 To 100, Deduct	-0.19	
	16MOD-0090	For > 100 To 250, Deduct	-0.37	
	16MOD-0091	For > 250 To 500, Deduct	-0.70	
	16MOD-0092	For > 500, Deduct	-1.03	
	16MOD-0103	For Work In Restricted Working Space, Add	0.85	
16190-0081	EA	2" Diameter, EMT Conduit Clamp For Unistrut Channel.....	4.64	
	16MOD-0089	For > 50 To 100, Deduct	-0.19	
	16MOD-0090	For > 100 To 250, Deduct	-0.37	
	16MOD-0091	For > 250 To 500, Deduct	-0.70	
	16MOD-0092	For > 500, Deduct	-1.03	
	16MOD-0103	For Work In Restricted Working Space, Add	0.85	
16190-0082		"J" Type Conduit Hangers <small>(16190-0001)</small>		
16190-0083	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205).....	13.09	
	16MOD-0089	For > 50 To 100, Deduct	-0.45	
	16MOD-0090	For > 100 To 250, Deduct	-0.90	
	16MOD-0091	For > 250 To 500, Deduct	-1.60	
	16MOD-0092	For > 500, Deduct	-2.30	
	16MOD-0103	For Work In Restricted Working Space, Add	1.48	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0084 EA 3/4", "J" Type Conduit Hanger (Unistrut J1207).....	13.24	
16MOD-0089 For > 50 To 100, Deduct	-0.45	
16MOD-0090 For > 100 To 250, Deduct	-0.91	
16MOD-0091 For > 250 To 500, Deduct	-1.61	
16MOD-0092 For > 500, Deduct	-2.31	
16MOD-0103 For Work In Restricted Working Space, Add	1.48	
16190-0085 EA 1", "J" Type Conduit Hanger (Unistrut J1210).....	14.07	
16MOD-0089 For > 50 To 100, Deduct	-0.49	
16MOD-0090 For > 100 To 250, Deduct	-0.99	
16MOD-0091 For > 250 To 500, Deduct	-1.76	
16MOD-0092 For > 500, Deduct	-2.53	
16MOD-0103 For Work In Restricted Working Space, Add	1.69	
16190-0086 EA 1-1/4", "J" Type Conduit Hanger (Unistrut J1212).....	14.22	
16MOD-0089 For > 50 To 100, Deduct	-0.50	
16MOD-0090 For > 100 To 250, Deduct	-0.99	
16MOD-0091 For > 250 To 500, Deduct	-1.77	
16MOD-0092 For > 500, Deduct	-2.55	
16MOD-0103 For Work In Restricted Working Space, Add	1.69	
16190-0087 EA 1-1/2", "J" Type Conduit Hanger (Unistrut J1215).....	15.03	
16MOD-0089 For > 50 To 100, Deduct	-0.53	
16MOD-0090 For > 100 To 250, Deduct	-1.07	
16MOD-0091 For > 250 To 500, Deduct	-1.92	
16MOD-0092 For > 500, Deduct	-2.77	
16MOD-0103 For Work In Restricted Working Space, Add	1.90	
16190-0088 EA 2", "J" Type Conduit Hanger (Unistrut J1220).....	15.61	
16MOD-0089 For > 50 To 100, Deduct	-0.55	
16MOD-0090 For > 100 To 250, Deduct	-1.10	
16MOD-0091 For > 250 To 500, Deduct	-1.96	
16MOD-0092 For > 500, Deduct	-2.83	
16MOD-0103 For Work In Restricted Working Space, Add	1.90	
16190-0089 EA 2-1/2", "J" Type Conduit Hanger (Unistrut J1225).....	24.61	
16MOD-0089 For > 50 To 100, Deduct	-0.79	
16MOD-0090 For > 100 To 250, Deduct	-1.58	
16MOD-0091 For > 250 To 500, Deduct	-2.73	
16MOD-0092 For > 500, Deduct	-3.87	
16MOD-0103 For Work In Restricted Working Space, Add	2.12	
16190-0090 EA 3", "J" Type Conduit Hanger (Unistrut J1230).....	26.19	
16MOD-0089 For > 50 To 100, Deduct	-0.85	
16MOD-0090 For > 100 To 250, Deduct	-1.70	
16MOD-0091 For > 250 To 500, Deduct	-2.93	
16MOD-0092 For > 500, Deduct	-4.17	
16MOD-0103 For Work In Restricted Working Space, Add	2.33	
16190-0091 EA 3-1/2", "J" Type Conduit Hanger (Unistrut J1235).....	28.20	
16MOD-0089 For > 50 To 100, Deduct	-0.92	
16MOD-0090 For > 100 To 250, Deduct	-1.83	
16MOD-0091 For > 250 To 500, Deduct	-3.17	
16MOD-0092 For > 500, Deduct	-4.51	
16MOD-0103 For Work In Restricted Working Space, Add	2.54	
16190-0092 EA 4", "J" Type Conduit Hanger (Unistrut J1240).....	37.19	
16MOD-0089 For > 50 To 100, Deduct	-1.14	
16MOD-0090 For > 100 To 250, Deduct	-2.28	
16MOD-0091 For > 250 To 500, Deduct	-3.85	
16MOD-0092 For > 500, Deduct	-5.41	
16MOD-0103 For Work In Restricted Working Space, Add	2.54	
16190-0093 EA 5", "J" Type Conduit Hanger (Unistrut J1250).....	40.84	
16MOD-0089 For > 50 To 100, Deduct	-1.25	
16MOD-0090 For > 100 To 250, Deduct	-2.50	
16MOD-0091 For > 250 To 500, Deduct	-4.21	
16MOD-0092 For > 500, Deduct	-5.91	
16MOD-0103 For Work In Restricted Working Space, Add	2.75	
16190-0094 EA 6", "J" Type Conduit Hanger (Unistrut J1260).....	57.33	
16MOD-0089 For > 50 To 100, Deduct	-1.70	
16MOD-0090 For > 100 To 250, Deduct	-3.40	
16MOD-0091 For > 250 To 500, Deduct	-5.62	
16MOD-0092 For > 500, Deduct	-7.85	
16MOD-0103 For Work In Restricted Working Space, Add	3.17	
16190-0095 Between Studs Box Brackets (16190-0001)		
16190-0096 EA 16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	4.77	
16MOD-0089 For > 50 To 100, Deduct	-0.17	
16MOD-0090 For > 100 To 250, Deduct	-0.34	
16MOD-0091 For > 250 To 500, Deduct	-0.62	
16MOD-0092 For > 500, Deduct	-0.90	
16MOD-0103 For Work In Restricted Working Space, Add	0.64	
16190-0097 EA 24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	5.68	
16MOD-0089 For > 50 To 100, Deduct	-0.20	
16MOD-0090 For > 100 To 250, Deduct	-0.39	
16MOD-0091 For > 250 To 500, Deduct	-0.69	
16MOD-0092 For > 500, Deduct	-0.99	
16MOD-0103 For Work In Restricted Working Space, Add	0.64	
16190-0098 Hangers And Brackets (16190-0001)		



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16190-0099	EA Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	1.76	
	16MOD-0089 For > 50 To 100, Deduct	-0.08	
	16MOD-0090 For > 100 To 250, Deduct	-0.16	
	16MOD-0091 For > 250 To 500, Deduct	-0.31	
	16MOD-0092 For > 500, Deduct	-0.46	
16190-0100	EA Angle Bracket Only With 1/4" Hole (Caddy AB)	1.71	
	16MOD-0089 For > 50 To 100, Deduct	-0.08	
	16MOD-0090 For > 100 To 250, Deduct	-0.16	
	16MOD-0091 For > 250 To 500, Deduct	-0.30	
	16MOD-0092 For > 500, Deduct	-0.45	
16190-0101	EA Offset Bracket Only With 1/4" Hole (Caddy AO)	1.71	
	16MOD-0089 For > 50 To 100, Deduct	-0.08	
	16MOD-0090 For > 100 To 250, Deduct	-0.16	
	16MOD-0091 For > 250 To 500, Deduct	-0.30	
	16MOD-0092 For > 500, Deduct	-0.45	
16190-0102	EA Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	2.25	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.18	
	16MOD-0091 For > 250 To 500, Deduct	-0.35	
	16MOD-0092 For > 500, Deduct	-0.51	
16190-0103	EA Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	2.27	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.18	
	16MOD-0091 For > 250 To 500, Deduct	-0.35	
	16MOD-0092 For > 500, Deduct	-0.51	
16190-0104	EA Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	2.20	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.18	
	16MOD-0091 For > 250 To 500, Deduct	-0.34	
	16MOD-0092 For > 500, Deduct	-0.50	
16190-0105	EA Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	2.25	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.18	
	16MOD-0091 For > 250 To 500, Deduct	-0.35	
	16MOD-0092 For > 500, Deduct	-0.51	
16190-0106	EA Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	2.27	
	16MOD-0089 For > 50 To 100, Deduct	-0.09	
	16MOD-0090 For > 100 To 250, Deduct	-0.18	
	16MOD-0091 For > 250 To 500, Deduct	-0.35	
	16MOD-0092 For > 500, Deduct	-0.51	
16190-0107	Clips And Accessories <small>(16190-0001)</small>		
16190-0108	EA 1/2" Diameter Center, Bridle Ring (Caddy 2BR)	1.19	
	16MOD-0089 For > 50 To 100, Deduct	-0.05	
	16MOD-0090 For > 100 To 250, Deduct	-0.10	
	16MOD-0091 For > 250 To 500, Deduct	-0.20	
	16MOD-0092 For > 500, Deduct	-0.30	
16190-0109	EA 3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	1.21	
	16MOD-0089 For > 50 To 100, Deduct	-0.05	
	16MOD-0090 For > 100 To 250, Deduct	-0.10	
	16MOD-0091 For > 250 To 500, Deduct	-0.20	
	16MOD-0092 For > 500, Deduct	-0.30	
16190-0110	EA 1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	1.29	
	16MOD-0089 For > 50 To 100, Deduct	-0.05	
	16MOD-0090 For > 100 To 250, Deduct	-0.11	
	16MOD-0091 For > 250 To 500, Deduct	-0.21	
	16MOD-0092 For > 500, Deduct	-0.31	
16190-0111	EA 2" Diameter Center, Bridle Ring (Caddy 2BR32)	1.46	
	16MOD-0089 For > 50 To 100, Deduct	-0.06	
	16MOD-0090 For > 100 To 250, Deduct	-0.12	
	16MOD-0091 For > 250 To 500, Deduct	-0.22	
	16MOD-0092 For > 500, Deduct	-0.32	
16190-0112	Wire Ties <small>(16190-0001)</small>		
	Note: Per hundred (C)		
16190-0113	C 3" Length, 18# Tensile Strength, Nylon Cable Ties	9.98	
	16MOD-0093 For UV Black, Add	0.39	
16190-0114	C 4" Length, 18# Tensile Strength, Nylon Cable Ties	10.08	
	16MOD-0093 For UV Black, Add	0.41	
16190-0115	C 4-3/4" Length, 18# Tensile Strength, Nylon Cable Ties	10.15	
	16MOD-0093 For UV Black, Add	0.42	
16190-0116	C 5-1/2" Length, 18# Tensile Strength, Nylon Cable Ties	10.18	
	16MOD-0093 For UV Black, Add	0.42	
16190-0117	C 6-1/2" Length, 18# Tensile Strength, Nylon Cable Ties	10.54	
	16MOD-0093 For UV Black, Add	0.43	
16190-0118	C 8" Length, 18# Tensile Strength, Nylon Cable Ties	13.10	
	16MOD-0093 For UV Black, Add	0.76	
16190-0119	C 4-3/4" Length, 40# Tensile Strength, Nylon Cable Ties	12.80	
	16MOD-0093 For UV Black, Add	0.82	
16190-0120	C 6" Length, 40# Tensile Strength, Nylon Cable Ties	13.17	
	16MOD-0093 For UV Black, Add	0.82	
16190-0121	C 8" Length, 40# Tensile Strength, Nylon Cable Ties	13.54	
	16MOD-0093 For UV Black, Add	0.83	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0122	C		10" Length, 40# Tensile Strength, Nylon Cable Ties	21.37	
			16MOD-0093 For UV Black, Add	1.91	
16190-0123	C		11-1/2" Length, 40# Tensile Strength, Nylon Cable Ties	22.53	
			16MOD-0093 For UV Black, Add	2.08	
16190-0124	C		7" Length, 50# Tensile Strength, Nylon Cable Ties	14.34	
			16MOD-0093 For UV Black, Add	0.95	
16190-0125	C		8" Length, 50# Tensile Strength, Nylon Cable Ties	13.32	
			16MOD-0093 For UV Black, Add	0.80	
16190-0126	C		11" Length, 50# Tensile Strength, Nylon Cable Ties	21.69	
			16MOD-0093 For UV Black, Add	1.96	
16190-0127	C		14-1/2" Length, 50# Tensile Strength, Nylon Cable Ties	25.22	
			16MOD-0093 For UV Black, Add	2.40	
16190-0128	C		8" Length, 120# Tensile Strength, Nylon Cable Ties	25.22	
			16MOD-0093 For UV Black, Add	2.58	
16190-0129	C		11" Length, 120# Tensile Strength, Nylon Cable Ties	27.70	
			16MOD-0093 For UV Black, Add	2.86	
16190-0130	C		15" Length, 120# Tensile Strength, Nylon Cable Ties	34.24	
			16MOD-0093 For UV Black, Add	3.76	
16190-0131	C		17" Length, 120# Tensile Strength, Nylon Cable Ties	50.85	
			16MOD-0093 For UV Black, Add	6.16	
16190-0132	C		17-3/4" Length, 175# Tensile Strength, Nylon Cable Ties	49.09	
			16MOD-0093 For UV Black, Add	5.89	
16190-0133	C		21-11/16" Length, 175# Tensile Strength, Nylon Cable Ties	60.75	
			16MOD-0093 For UV Black, Add	7.57	
16190-0134	C		30" Length, 175# Tensile Strength, Nylon Cable Ties	70.94	
			16MOD-0093 For UV Black, Add	9.03	
16190-0135	C		46" Length, 175# Tensile Strength, Nylon Cable Ties	99.06	
			16MOD-0093 For UV Black, Add	13.12	
16190-0136	C		3/4" x 3/4" Self Adhesive Tie Mounts	23.34	
16190-0137	C		1.1" x 1.1" Tie Mounts With Screw	46.35	
16190-0138	EA		6" Length x 1/2" Width, Velcro Grip Cable Tie	1.17	
16190-0139	EA		8" Length x 1/2" Width, Velcro Grip Cable Tie	1.17	
16190-0140	EA		12" Length x 1/2" Width, Velcro Grip Cable Tie	1.42	
16190-0141	EA		15" Length x 3/4" Width, Velcro Grip Cable Tie	1.97	
16190-0142	EA		180" Length x 3/4" Width, Velcro Grip Cable Tie Roll	49.60	

16190-0143 Fastening Devices For Wireway And Conduit (16190)

Note: Bolts include drilling of holes with power tools in concrete, brick, CMU, wood, tile or steel and alignment of hangers and supports.

16190-0144 Toggle Bolts (16190-0143)

Note: Includes machine screw, toggle wing and drilling in concrete, CMU, wood or steel.

16190-0145	EA		1/8" x 3" Toggle Bolt	5.30	
			16MOD-0094 For > 50 To 100, Deduct	-0.52	
			16MOD-0095 For > 100 To 250, Deduct	-1.04	
			16MOD-0096 For > 250 To 500, Deduct	-1.82	
			16MOD-0097 For > 500, Deduct	-2.59	
16190-0146	EA		1/8" x 4" Toggle Bolt	5.45	
			16MOD-0094 For > 50 To 100, Deduct	-0.53	
			16MOD-0095 For > 100 To 250, Deduct	-1.07	
			16MOD-0096 For > 250 To 500, Deduct	-1.86	
			16MOD-0097 For > 500, Deduct	-2.66	
16190-0147	EA		3/16" x 3" Toggle Bolt	5.59	
			16MOD-0094 For > 50 To 100, Deduct	-0.55	
			16MOD-0095 For > 100 To 250, Deduct	-1.09	
			16MOD-0096 For > 250 To 500, Deduct	-1.91	
			16MOD-0097 For > 500, Deduct	-2.72	
16190-0148	EA		3/16" x 4" Toggle Bolt	5.75	
			16MOD-0094 For > 50 To 100, Deduct	-0.56	
			16MOD-0095 For > 100 To 250, Deduct	-1.12	
			16MOD-0096 For > 250 To 500, Deduct	-1.95	
			16MOD-0097 For > 500, Deduct	-2.79	
16190-0149	EA		1/4" x 4" Toggle Bolt	6.01	
			16MOD-0094 For > 50 To 100, Deduct	-0.58	
			16MOD-0095 For > 100 To 250, Deduct	-1.15	
			16MOD-0096 For > 250 To 500, Deduct	-2.01	
			16MOD-0097 For > 500, Deduct	-2.87	
16190-0150	EA		5/16" x 4" Toggle Bolt	6.48	
			16MOD-0094 For > 50 To 100, Deduct	-0.60	
			16MOD-0095 For > 100 To 250, Deduct	-1.19	
			16MOD-0096 For > 250 To 500, Deduct	-2.08	
			16MOD-0097 For > 500, Deduct	-2.97	
16190-0151	EA		3/8" x 4" Toggle Bolt	6.74	
			16MOD-0094 For > 50 To 100, Deduct	-0.61	
			16MOD-0095 For > 100 To 250, Deduct	-1.23	
			16MOD-0096 For > 250 To 500, Deduct	-2.14	
			16MOD-0097 For > 500, Deduct	-3.05	
16190-0152	EA		1/2" x 4" Toggle Bolt	7.78	
			16MOD-0094 For > 50 To 100, Deduct	-0.65	
			16MOD-0095 For > 100 To 250, Deduct	-1.30	
			16MOD-0096 For > 250 To 500, Deduct	-2.25	
			16MOD-0097 For > 500, Deduct	-3.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0153 Machine Screws <small>(16190-0143)</small>		
Note: Includes drilling in concrete, CMU, wood or steel.		
16190-0154 EA 8-32 x 2" Machine Screw.....	1.61	
16MOD-0094 For > 50 To 100, Deduct	-0.16	
16MOD-0095 For > 100 To 250, Deduct	-0.31	
16MOD-0096 For > 250 To 500, Deduct	-0.55	
16MOD-0097 For > 500, Deduct	-0.79	
16190-0155 EA 10-24 x 2" Machine Screw.....	1.63	
16MOD-0094 For > 50 To 100, Deduct	-0.16	
16MOD-0095 For > 100 To 250, Deduct	-0.32	
16MOD-0096 For > 250 To 500, Deduct	-0.55	
16MOD-0097 For > 500, Deduct	-0.79	
16190-0156 EA 1/4"-20 x 2" Machine Screw.....	2.08	
16MOD-0094 For > 50 To 100, Deduct	-0.20	
16MOD-0095 For > 100 To 250, Deduct	-0.40	
16MOD-0096 For > 250 To 500, Deduct	-0.70	
16MOD-0097 For > 500, Deduct	-1.00	
16190-0157 EA 5/16"-18 x 2" Machine Screw.....	2.17	
16MOD-0094 For > 50 To 100, Deduct	-0.20	
16MOD-0095 For > 100 To 250, Deduct	-0.40	
16MOD-0096 For > 250 To 500, Deduct	-0.70	
16MOD-0097 For > 500, Deduct	-1.01	
16190-0158 EA 3/8"-16 x 2" Machine Screw.....	2.71	
16MOD-0094 For > 50 To 100, Deduct	-0.24	
16MOD-0095 For > 100 To 250, Deduct	-0.49	
16MOD-0096 For > 250 To 500, Deduct	-0.85	
16MOD-0097 For > 500, Deduct	-1.21	
16190-0159 Hex Lag Bolts With Lead Anchor <small>(16190-0143)</small>		
Note: Includes lead expansion shield and drilling in concrete, CMU, wood or steel.		
16190-0160 EA 1/4" x 2" Hex Lag Bolt With Lead Anchor.....	2.68	
16MOD-0094 For > 50 To 100, Deduct	-0.21	
16MOD-0095 For > 100 To 250, Deduct	-0.43	
16MOD-0096 For > 250 To 500, Deduct	-0.74	
16MOD-0097 For > 500, Deduct	-1.06	
16190-0161 EA 5/16" x 2" Hex Lag Bolt With Lead Anchor.....	2.90	
16MOD-0094 For > 50 To 100, Deduct	-0.22	
16MOD-0095 For > 100 To 250, Deduct	-0.44	
16MOD-0096 For > 250 To 500, Deduct	-0.76	
16MOD-0097 For > 500, Deduct	-1.08	
16190-0162 EA 3/8" x 2" Hex Lag Bolt With Lead Anchor.....	3.82	
16MOD-0094 For > 50 To 100, Deduct	-0.27	
16MOD-0095 For > 100 To 250, Deduct	-0.54	
16MOD-0096 For > 250 To 500, Deduct	-0.93	
16MOD-0097 For > 500, Deduct	-1.32	
16190-0163 EA 1/2" x 2" Hex Lag Bolt With Lead Anchor.....	4.91	
16MOD-0094 For > 50 To 100, Deduct	-0.33	
16MOD-0095 For > 100 To 250, Deduct	-0.66	
16MOD-0096 For > 250 To 500, Deduct	-1.12	
16MOD-0097 For > 500, Deduct	-1.58	
16190-0164 Hanger Lag Bolts With Hex Nuts <small>(16190-0143)</small>		
Note: Includes drilling.		
16190-0165 EA 1/4" x 2" Hanger Lag Bolt With Hex Nut.....	1.75	
16MOD-0094 For > 50 To 100, Deduct	-0.16	
16MOD-0095 For > 100 To 250, Deduct	-0.32	
16MOD-0096 For > 250 To 500, Deduct	-0.56	
16MOD-0097 For > 500, Deduct	-0.80	
16190-0166 EA 5/16" x 2" Hanger Lag Bolt With Hex Nut.....	1.78	
16MOD-0094 For > 50 To 100, Deduct	-0.16	
16MOD-0095 For > 100 To 250, Deduct	-0.32	
16MOD-0096 For > 250 To 500, Deduct	-0.56	
16MOD-0097 For > 500, Deduct	-0.80	
16190-0167 EA 3/8" x 2-1/2" Hanger Lag Bolt With Hex Nut.....	2.20	
16MOD-0094 For > 50 To 100, Deduct	-0.19	
16MOD-0095 For > 100 To 250, Deduct	-0.37	
16MOD-0096 For > 250 To 500, Deduct	-0.65	
16MOD-0097 For > 500, Deduct	-0.92	
16190-0168 Hollow Wall Screw Anchors <small>(16190-0143)</small>		
16190-0169 EA 5/16" x 1/2" To 1" Hollow Wall Screw Anchors.....	1.21	
16MOD-0094 For > 50 To 100, Deduct	-0.10	
16MOD-0095 For > 100 To 250, Deduct	-0.20	
16MOD-0096 For > 250 To 500, Deduct	-0.35	
16MOD-0097 For > 500, Deduct	-0.50	
16190-0170 EA 3/8" x 5/8" To 1-1/8" Hollow Wall Screw Anchors.....	1.77	
16MOD-0094 For > 50 To 100, Deduct	-0.13	
16MOD-0095 For > 100 To 250, Deduct	-0.25	
16MOD-0096 For > 250 To 500, Deduct	-0.43	
16MOD-0097 For > 500, Deduct	-0.61	

16000 Electrical
16100 Basic Materials And Methods
16190 Supporting Devices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0171 EA 5/16" x 5/8" To 1-1/4" Hollow Wall Screw Anchors	1.29	
16MOD-0094 For > 50 To 100, Deduct	-0.10	
16MOD-0095 For > 100 To 250, Deduct	-0.21	
16MOD-0096 For > 250 To 500, Deduct	-0.36	
16MOD-0097 For > 500, Deduct	-0.51	
16190-0172 EA 1/2" x 5/8" To 1-1/4" Hollow Wall Screw Anchors	1.97	
16MOD-0094 For > 50 To 100, Deduct	-0.13	
16MOD-0095 For > 100 To 250, Deduct	-0.26	
16MOD-0096 For > 250 To 500, Deduct	-0.45	
16MOD-0097 For > 500, Deduct	-0.63	
16190-0173 Lead Screw Anchors (16190-0143)		
Note: Includes screws.		
16190-0174 EA 6-8 x 1" Lead Screw Anchor	2.60	
16MOD-0094 For > 50 To 100, Deduct	-0.25	
16MOD-0095 For > 100 To 250, Deduct	-0.49	
16MOD-0096 For > 250 To 500, Deduct	-0.86	
16MOD-0097 For > 500, Deduct	-1.22	
16190-0175 EA 10-14 x 1" Lead Screw Anchor	3.12	
16MOD-0094 For > 50 To 100, Deduct	-0.29	
16MOD-0095 For > 100 To 250, Deduct	-0.57	
16MOD-0096 For > 250 To 500, Deduct	-1.00	
16MOD-0097 For > 500, Deduct	-1.42	
16190-0176 EA 16-18 x 1" Lead Screw Anchor	3.97	
16MOD-0094 For > 50 To 100, Deduct	-0.36	
16MOD-0095 For > 100 To 250, Deduct	-0.73	
16MOD-0096 For > 250 To 500, Deduct	-1.27	
16MOD-0097 For > 500, Deduct	-1.81	
16190-0177 EA 20-24 x 1" Lead Screw Anchor	4.56	
16MOD-0094 For > 50 To 100, Deduct	-0.41	
16MOD-0095 For > 100 To 250, Deduct	-0.83	
16MOD-0096 For > 250 To 500, Deduct	-1.44	
16MOD-0097 For > 500, Deduct	-2.06	
16190-0178 Nailing Anchor Hilti HPS Impact Anchor Or Equal (16190-0143)		
16190-0179 EA 1/4" x 1" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	0.92	
16MOD-0094 For > 50 To 100, Deduct	-0.07	
16MOD-0095 For > 100 To 250, Deduct	-0.14	
16MOD-0096 For > 250 To 500, Deduct	-0.25	
16MOD-0097 For > 500, Deduct	-0.35	
16190-0180 EA 1/4" x 1-3/4" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	1.62	
16MOD-0094 For > 50 To 100, Deduct	-0.14	
16MOD-0095 For > 100 To 250, Deduct	-0.28	
16MOD-0096 For > 250 To 500, Deduct	-0.48	
16MOD-0097 For > 500, Deduct	-0.68	
16190-0181 EA 1/4" x 2-1/8" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	2.33	
16MOD-0094 For > 50 To 100, Deduct	-0.21	
16MOD-0095 For > 100 To 250, Deduct	-0.41	
16MOD-0096 For > 250 To 500, Deduct	-0.71	
16MOD-0097 For > 500, Deduct	-1.02	
16190-0182 Acoustical T-Bar Clips (16190-0143)		
Note: For conduit installation above suspended ceilings up to 15' height.		
16190-0183 EA 1/2" Conduit, Push-In Acoustical T-Bar Clip	4.25	
16MOD-0094 For > 50 To 100, Deduct	-0.33	
16MOD-0095 For > 100 To 250, Deduct	-0.66	
16MOD-0096 For > 250 To 500, Deduct	-1.14	
16MOD-0097 For > 500, Deduct	-1.63	
16190-0184 EA 3/4" Conduit, Push-In Acoustical T-Bar Clip	4.46	
16MOD-0094 For > 50 To 100, Deduct	-0.35	
16MOD-0095 For > 100 To 250, Deduct	-0.70	
16MOD-0096 For > 250 To 500, Deduct	-1.20	
16MOD-0097 For > 500, Deduct	-1.71	
16190-0185 EA 1" Conduit, Push-In Acoustical T-Bar Clip	4.84	
16MOD-0094 For > 50 To 100, Deduct	-0.37	
16MOD-0095 For > 100 To 250, Deduct	-0.74	
16MOD-0096 For > 250 To 500, Deduct	-1.28	
16MOD-0097 For > 500, Deduct	-1.82	
16190-0186 Threaded Rod, Accessories And Attachments (16190)		
16190-0187 Threaded Rod And Rod Accessories (16190-0186)		
16190-0188 Carbon Steel Threaded Rod (16190-0187)		
Note: Includes plain finish.		
16190-0189 LF 3/8" Diameter, Carbon Steel Threaded Rod	1.94	0.44
16MOD-0098 For Galvanized, Add	0.42	
16MOD-0099 For Zinc Coated, Add	0.30	
16190-0190 LF 1/2" Diameter, Carbon Steel Threaded Rod	2.58	0.47
16MOD-0098 For Galvanized, Add	0.66	
16MOD-0099 For Zinc Coated, Add	0.47	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0191	LF 5/8" Diameter, Carbon Steel Threaded Rod 16MOD-0098 For Galvanized, Add 16MOD-0099 For Zinc Coated, Add	3.52 1.02 0.73	0.48
16190-0192	LF 3/4" Diameter, Carbon Steel Threaded Rod 16MOD-0098 For Galvanized, Add 16MOD-0099 For Zinc Coated, Add	5.64 1.86 1.32	0.50
16190-0193	LF 7/8" Diameter, Carbon Steel Threaded Rod 16MOD-0098 For Galvanized, Add 16MOD-0099 For Zinc Coated, Add	6.13 2.04 1.45	0.52
16190-0194	LF 1" Diameter, Carbon Steel Threaded Rod 16MOD-0098 For Galvanized, Add 16MOD-0099 For Zinc Coated, Add	8.34 2.86 2.04	0.58
16190-0195	LF 1-1/8" Diameter, Carbon Steel Threaded Rod 16MOD-0098 For Galvanized, Add 16MOD-0099 For Zinc Coated, Add	10.34 3.61 2.57	0.65
16190-0196	Threaded Rod Couplings (16190-0187)		
16190-0197	EA 3/8" Diameter, Threaded Rod Coupling Nut	5.61	
16190-0198	EA 1/2" Diameter, Threaded Rod Coupling Nut	6.36	
16190-0199	EA 5/8" Diameter, Threaded Rod Coupling Nut	7.92	
16190-0200	EA 3/4" Diameter, Threaded Rod Coupling Nut	9.60	
16190-0201	EA 7/8" Diameter, Threaded Rod Coupling Nut	13.00	
16190-0202	EA 1" Diameter, Threaded Rod Coupling Nut	16.46	
16190-0203	EA 1-1/8" Diameter, Threaded Rod Coupling Nut	22.17	
16190-0204	Flat Washers (16190-0187)		
16190-0205	EA 3/8" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	0.45 0.01	0.18
16190-0206	EA 1/2" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	0.56 0.03	0.18
16190-0207	EA 5/8" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	0.68 0.06	0.18
16190-0208	EA 3/4" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	0.82 0.08	0.35
16190-0209	EA 7/8" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	0.98 0.12	0.35
16190-0210	EA 1" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	1.15 0.14	0.35
16190-0211	EA 1-1/8" Inside Diameter, Carbon Steel Flat Washer 16MOD-0100 For Galvanized, Add	1.34 0.17	0.35
16190-0212	Malleable Iron Eye Sockets (16190-0187)		
	Note: Type 16.		
16190-0213	EA 3/8" Rod Size, Malleable Iron Eye Socket	6.61	
16190-0214	EA 1/2" Rod Size, Malleable Iron Eye Socket	7.90	
16190-0215	EA 5/8" Rod Size, Malleable Iron Eye Socket	13.79	
16190-0216	EA 3/4" Rod Size, Malleable Iron Eye Socket	19.66	
16190-0217	EA 7/8" Rod Size, Malleable Iron Eye Socket	20.95	
16190-0218	Hex Nuts (16190-0187)		
16190-0219	EA 3/8" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	0.45 0.01	0.18
16190-0220	EA 1/2" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	0.55 0.03	0.18
16190-0221	EA 5/8" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	0.68 0.06	0.18
16190-0222	EA 3/4" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	0.86 0.09	0.35
16190-0223	EA 7/8" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	1.29 0.19	0.35
16190-0224	EA 1" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	1.63 0.26	0.35
16190-0225	EA 1-1/8" Diameter, Carbon Steel Hex Nut 16MOD-0101 For Galvanized, Add	1.77 0.28	0.35
16190-0226	Forged Steel Turnbuckles (16190-0187)		
	Note: Type 13.		
16190-0227	EA 3/8" Thread Diameter, Forged Steel Turnbuckle Body	16.23	
16190-0228	EA 1/2" Thread Diameter, Forged Steel Turnbuckle Body	20.03	
16190-0229	EA 5/8" Thread Diameter, Forged Steel Turnbuckle Body	26.76	
16190-0230	EA 3/4" Thread Diameter, Forged Steel Turnbuckle Body	33.10	
16190-0231	EA 7/8" Thread Diameter, Forged Steel Turnbuckle Body	81.10	
16190-0232	EA 1" Thread Diameter, Forged Steel Turnbuckle Body	54.15	
16190-0233	EA 1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	108.59	
16190-0234	Welded Eye Rod (16190-0187)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16190-0235 EA 3/8" Diameter, Welded Eye Rod.....	20.49	
16190-0236 EA 1/2" Diameter, Welded Eye Rod.....	23.93	
16190-0237 EA 5/8" Diameter, Welded Eye Rod.....	30.84	
16190-0238 EA 3/4" Diameter, Welded Eye Rod.....	41.61	
16190-0239 EA 7/8" Diameter, Welded Eye Rod.....	59.93	
16190-0240 EA 1" Diameter, Welded Eye Rod.....	78.20	
16190-0241 Welded Linked Eye Rods (16190-0187)		
16190-0242 EA 3/8" Diameter, Welded Linked Eye Rods.....	18.39	
16190-0243 EA 1/2" Diameter, Welded Linked Eye Rods.....	21.09	
16190-0244 EA 5/8" Diameter, Welded Linked Eye Rods.....	25.78	
16190-0245 EA 3/4" Diameter, Welded Linked Eye Rods.....	33.74	
16190-0246 EA 7/8" Diameter, Welded Linked Eye Rods.....	42.98	
16190-0247 EA 1" Diameter, Welded Linked Eye Rods.....	61.23	
16190-0248 Attachments (16190-0186)		
16190-0249 Welded Beam Attachments (16190-0248)		
Note: Type 22.		
16190-0250 EA 3/8" Rod Size, Welded Beam Attachment.....	29.82	8.45
16190-0251 EA 1/2" Rod Size, Welded Beam Attachment.....	31.79	8.89
16190-0252 EA 5/8" Rod Size, Welded Beam Attachment.....	33.84	9.39
16190-0253 EA 3/4" Rod Size, Welded Beam Attachment.....	42.91	9.95
16190-0254 EA 7/8" Rod Size, Welded Beam Attachment.....	51.33	10.57
16190-0255 EA 1" Rod Size, Welded Beam Attachment.....	71.58	12.07
16190-0256 EA 1-1/8" Rod Size, Welded Beam Attachment.....	100.82	12.68
16190-0257 C-Clamp Style Beam Clamps (16190-0248)		
Note: Type 23. Top or bottom flange mount.		
16190-0258 EA 3/8" Rod Size, C-Clamp Style Beam Clamp.....	10.74	5.29
16190-0259 EA 1/2" Rod Size, C-Clamp Style Beam Clamp.....	12.74	5.65
16190-0260 EA 5/8" Rod Size, C-Clamp Style Beam Clamp.....	14.42	6.05
16190-0261 EA 3/4" Rod Size, C-Clamp Style Beam Clamp.....	18.37	6.51
16190-0262 EA 7/8" Rod Size, C-Clamp Style Beam Clamp.....	26.36	7.06
16190-0263 Bottom Mount I-Beam Clamps (16190-0248)		
Note: Type 21. For attaching threaded rod centered under beam flanges.		
16190-0264 EA 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	28.65	7.06
16190-0265 EA 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	41.77	7.70
16190-0266 EA 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	59.37	8.47
16190-0267 EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	70.97	9.41
16190-0268 EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp.....	170.31	10.59
16190-0269 Steel U-Bolts (16190-0248)		
Note: Type 24. Includes plate and nuts.		
16190-0270 EA 1/2" Pipe Size, Steel U-Bolt.....	8.75	4.24
16190-0271 EA 3/4" Pipe Size, Steel U-Bolt.....	9.48	4.46
16190-0272 EA 1" Pipe Size, Steel U-Bolt.....	10.19	4.70
16190-0273 EA 1-1/4" Pipe Size, Steel U-Bolt.....	11.54	4.98
16190-0274 EA 1-1/2" Pipe Size, Steel U-Bolt.....	11.93	5.29
16190-0275 EA 2" Pipe Size, Steel U-Bolt.....	12.77	5.65
16190-0276 EA 2-1/2" Pipe Size, Steel U-Bolt.....	18.13	6.05
16190-0277 EA 3" Pipe Size, Steel U-Bolt.....	19.97	6.52
16190-0278 EA 4" Pipe Size, Steel U-Bolt.....	24.01	7.06
16190-0279 Stainless Steel Threaded Rod (16190-0186)		
16190-0280 LF 1/4" Diameter, 304 Stainless Steel Threaded Rod.....	2.03	0.35
16MOD-0102 For 316 Stainless Steel, Add	0.54	
16190-0281 LF 5/16" Diameter, 304 Stainless Steel Threaded Rod.....	3.04	0.39
16MOD-0102 For 316 Stainless Steel, Add	0.92	
16190-0282 LF 3/8" Diameter, 304 Stainless Steel Threaded Rod.....	3.98	0.44
16MOD-0102 For 316 Stainless Steel, Add	1.26	
16190-0283 LF 7/16" Diameter, 304 Stainless Steel Threaded Rod.....	5.41	0.45
16MOD-0102 For 316 Stainless Steel, Add	1.82	
16190-0284 LF 1/2" Diameter, 304 Stainless Steel Threaded Rod.....	6.61	0.47
16MOD-0102 For 316 Stainless Steel, Add	2.30	
16190-0285 LF 5/8" Diameter, 304 Stainless Steel Threaded Rod.....	9.90	0.48
16MOD-0102 For 316 Stainless Steel, Add	3.62	
16190-0286 LF 3/4" Diameter, 304 Stainless Steel Threaded Rod.....	13.86	0.48
16MOD-0102 For 316 Stainless Steel, Add	5.22	
16190-0287 LF 7/8" Diameter, 304 Stainless Steel Threaded Rod.....	18.70	0.50
16MOD-0102 For 316 Stainless Steel, Add	7.17	
16190-0288 LF 1" Diameter, 304 Stainless Steel Threaded Rod.....	24.03	0.58
16MOD-0102 For 316 Stainless Steel, Add	9.25	
16190-0289 LF 1-1/4" Diameter, 304 Stainless Steel Threaded Rod.....	45.66	0.70
16MOD-0102 For 316 Stainless Steel, Add	17.90	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16190-0290 PVC Coated Supports (16190)
 Note: Includes stainless steel and/or PVC coated hardware

16190-0291 Attachments (16190-0290)

16190-0292 PVC Coated Pipe Straps (16190-0291)
 Note: Includes stainless steel nuts and bolts.

16190-0293	EA 1/2" PVC Coated Pipe Strap.....	12.92	4.65
16190-0294	EA 3/4" PVC Coated Pipe Strap.....	13.63	5.07
16190-0295	EA 1" PVC Coated Pipe Strap.....	14.84	5.49
16190-0296	EA 1-1/4" PVC Coated Pipe Strap.....	16.75	6.34
16190-0297	EA 1-1/2" PVC Coated Pipe Strap.....	19.14	7.19
16190-0298	EA 2" PVC Coated Pipe Strap.....	21.19	7.61
16190-0299	EA 2-1/2" PVC Coated Pipe Strap.....	23.43	8.45
16190-0300	EA 3" PVC Coated Pipe Strap.....	27.67	9.29
16190-0301	EA 3-1/2" PVC Coated Pipe Strap.....	30.13	9.73
16190-0302	EA 4" PVC Coated Pipe Strap.....	31.76	10.57
16190-0303	EA 5" PVC Coated Pipe Strap.....	34.07	11.83

16200 Electrical Power (16000)

16220 Motors And Generator (16200)

16220-0001 Diesel Generator Sets (16220)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Excludes fuel tank, utility piping, wiring, automatic transfer switch and concrete pad. See CSI section 15176-0066 for fuel day tank, 16251-0000 for transfer switches.

16220-0002	EA 25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA).....	14,424.48	624.04
	16MOD-0294 For Weather Resistant Steel Diesel Generator Enclosure, Add	2,897.30	
	16MOD-0298 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,090.54	
	16MOD-0302 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,377.03	
	16MOD-0306 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	14,267.57	
16220-0003	EA 35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA).....	18,483.80	768.34
	16MOD-0294 For Weather Resistant Steel Diesel Generator Enclosure, Add	2,897.30	
	16MOD-0298 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,090.54	
	16MOD-0302 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,377.03	
	16MOD-0306 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	14,267.57	
16220-0004	EA 40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB).....	19,080.56	842.45
	16MOD-0294 For Weather Resistant Steel Diesel Generator Enclosure, Add	2,897.30	
	16MOD-0298 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,090.54	
	16MOD-0302 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,377.03	
	16MOD-0306 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	14,267.57	
16220-0005	EA 50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC).....	20,573.17	967.25
	16MOD-0294 For Weather Resistant Steel Diesel Generator Enclosure, Add	2,897.30	
	16MOD-0298 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,090.54	
	16MOD-0302 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,377.03	
	16MOD-0306 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	14,267.57	
16220-0006	EA 60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD).....	22,073.46	1,111.56
	16MOD-0294 For Weather Resistant Steel Diesel Generator Enclosure, Add	2,897.30	
	16MOD-0298 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,090.54	
	16MOD-0302 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,377.03	
	16MOD-0306 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	14,267.57	
16220-0007	EA 80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE).....	24,739.71	1,302.67
	16MOD-0294 For Weather Resistant Steel Diesel Generator Enclosure, Add	2,897.30	
	16MOD-0298 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,090.54	
	16MOD-0302 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,377.03	
	16MOD-0306 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	14,267.57	
16220-0008	EA 100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA).....	29,053.32	1,513.28
	16MOD-0295 For Weather Resistant Steel Diesel Generator Enclosure, Add	4,394.59	
	16MOD-0299 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	13,898.65	
	16MOD-0303 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	9,464.86	
	16MOD-0307 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,171.62	
16220-0009	EA 125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB).....	29,879.28	1,794.10
	16MOD-0295 For Weather Resistant Steel Diesel Generator Enclosure, Add	4,394.59	
	16MOD-0299 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	13,898.65	
	16MOD-0303 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	9,464.86	
	16MOD-0307 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,171.62	
16220-0010	EA 150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC).....	33,067.57	1,977.40
	16MOD-0295 For Weather Resistant Steel Diesel Generator Enclosure, Add	4,394.59	
	16MOD-0299 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	13,898.65	
	16MOD-0303 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	9,464.86	
	16MOD-0307 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,171.62	
16220-0011	EA 175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB).....	38,514.06	2,207.51
	16MOD-0295 For Weather Resistant Steel Diesel Generator Enclosure, Add	4,394.59	
	16MOD-0299 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	13,898.65	
	16MOD-0303 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	9,464.86	
	16MOD-0307 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,171.62	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16220-0012 EA 200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC).....	54,335.14	2,418.12
16MOD-0295 For Weather Resistant Steel Diesel Generator Enclosure, Add	4,394.59	
16MOD-0299 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	13,898.65	
16MOD-0303 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	9,464.86	
16MOD-0307 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,171.62	
16220-0013 EA 230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD).....	46,418.35	2,554.63
16MOD-0295 For Weather Resistant Steel Diesel Generator Enclosure, Add	4,394.59	
16MOD-0299 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	13,898.65	
16MOD-0303 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	9,464.86	
16MOD-0307 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,171.62	
16220-0014 EA 250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA).....	48,560.38	2,659.94
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0015 EA 275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA).....	53,049.19	2,804.25
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0016 EA 300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB).....	54,152.38	2,929.05
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0017 EA 350 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	61,723.51	3,276.17
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0018 EA 400 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	66,859.65	3,588.19
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0019 EA 450 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	76,073.14	3,865.10
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0020 EA 500 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	80,374.78	4,118.62
16MOD-0296 For Weather Resistant Steel Diesel Generator Enclosure, Add	28,500.00	
16MOD-0300 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	42,077.03	
16MOD-0304 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	34,566.22	
16MOD-0308 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,433.78	
16220-0021 EA 600 KW Diesel Generator Set, 3 Phase (Cummins DQCA).....	117,902.49	4,535.94
16MOD-0297 For Weather Resistant Steel Diesel Generator Enclosure, Add	58,220.27	
16MOD-0301 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	93,481.08	
16MOD-0305 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	68,478.38	
16MOD-0309 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	108,904.05	
16220-0022 EA 750 KW Diesel Generator Set, 3 Phase (Cummins DQCB).....	135,173.97	4,988.37
16MOD-0297 For Weather Resistant Steel Diesel Generator Enclosure, Add	58,220.27	
16MOD-0301 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	93,481.08	
16MOD-0305 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	68,478.38	
16MOD-0309 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	108,904.05	
16220-0023 EA 800 KW Diesel Generator Set, 3 Phase (Cummins DQCC).....	141,201.90	5,097.57
16MOD-0297 For Weather Resistant Steel Diesel Generator Enclosure, Add	58,220.27	
16MOD-0301 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	93,481.08	
16MOD-0305 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	68,478.38	
16MOD-0309 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	108,904.05	
16220-0024 EA 900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC).....	172,475.48	5,495.39
16MOD-0297 For Weather Resistant Steel Diesel Generator Enclosure, Add	58,220.27	
16MOD-0301 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	93,481.08	
16MOD-0305 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	68,478.38	
16MOD-0309 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	108,904.05	
16220-0025 EA 1000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD).....	191,729.21	5,850.31
16MOD-0297 For Weather Resistant Steel Diesel Generator Enclosure, Add	58,220.27	
16MOD-0301 For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	93,481.08	
16MOD-0305 For Weather Resistant Aluminum Diesel Generator Enclosure, Add	68,478.38	
16MOD-0309 For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	108,904.05	
16220-0026 Natural Gas Or Propane Generator Sets ⁽¹⁶²²⁰⁾		
Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Excludes fuel tank, utility piping, wiring, automatic transfer switch and concrete pad. See CSI section 16251-0000 for transfer switches.		
16220-0027 EA 20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA).....	11,280.52	522.63
16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
16MOD-0318 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	2,854.05	
16MOD-0323 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	4,735.14	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16220-0028	EA 25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB).....	12,873.13	624.04
	16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
	16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
	16MOD-0318 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	2,854.05	
	16MOD-0323 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	4,735.14	
16220-0029	EA 29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC).....	13,841.40	694.24
	16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
	16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
	16MOD-0318 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	2,854.05	
	16MOD-0323 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	4,735.14	
16220-0030	EA 35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA).....	15,161.32	768.34
	16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
	16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
	16MOD-0319 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	8,072.97	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0031	EA 40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB).....	15,634.77	842.45
	16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
	16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
	16MOD-0319 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	8,072.97	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0032	EA 60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE).....	17,619.68	1,111.56
	16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
	16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
	16MOD-0319 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	8,072.97	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0033	EA 70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF).....	18,796.25	1,244.16
	16MOD-0310 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	2,635.14	
	16MOD-0314 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	9,090.54	
	16MOD-0319 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	8,072.97	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0034	EA 85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG).....	22,753.67	1,329.97
	16MOD-0311 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	4,802.70	
	16MOD-0315 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	13,898.65	
	16MOD-0320 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	9,464.86	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0035	EA 100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH).....	24,769.43	1,497.68
	16MOD-0311 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	4,802.70	
	16MOD-0315 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	13,898.65	
	16MOD-0320 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	9,464.86	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0036	EA 125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA).....	31,075.42	1,794.10
	16MOD-0311 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	4,802.70	
	16MOD-0315 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	13,898.65	
	16MOD-0320 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	9,464.86	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0037	EA 150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB).....	35,590.30	1,977.40
	16MOD-0311 For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	4,802.70	
	16MOD-0315 For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	13,898.65	
	16MOD-0320 For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	9,464.86	
	16MOD-0324 For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,550.00	
16220-0038	EA 175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA).....	93,093.13	5,259.74
	16MOD-0312 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	25,629.73	
	16MOD-0316 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	37,828.38	
	16MOD-0321 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	28,022.97	
	16MOD-0325 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	42,051.35	
16220-0039	EA 205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB).....	94,342.07	2,375.23
	16MOD-0312 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	25,629.73	
	16MOD-0316 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	37,828.38	
	16MOD-0321 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	28,022.97	
	16MOD-0325 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	42,051.35	
16220-0040	EA 250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC).....	95,482.85	2,659.94
	16MOD-0312 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	25,629.73	
	16MOD-0316 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	37,828.38	
	16MOD-0321 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	28,022.97	
	16MOD-0325 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	42,051.35	
16220-0041	EA 300 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA).....	131,957.57	2,929.05
	16MOD-0312 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	25,629.73	
	16MOD-0316 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	37,828.38	
	16MOD-0321 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	28,022.97	
	16MOD-0325 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	42,051.35	
16220-0042	EA 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB).....	133,222.62	3,276.17
	16MOD-0312 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	25,629.73	
	16MOD-0316 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	37,828.38	
	16MOD-0321 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	28,022.97	
	16MOD-0325 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	42,051.35	
16220-0043	EA 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGB).....	187,997.78	3,865.10
	16MOD-0313 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,963.51	
	16MOD-0317 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	79,281.08	
	16MOD-0322 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	63,564.86	
	16MOD-0326 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	89,839.19	
16220-0044	EA 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB).....	255,882.10	4,118.62
	16MOD-0313 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,963.51	
	16MOD-0317 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	79,281.08	
	16MOD-0322 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	63,564.86	
	16MOD-0326 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	89,839.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16220-0045 EA 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC).....	269,358.08	4,340.93
16MOD-0313 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,963.51	
16MOD-0317 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	79,281.08	
16MOD-0322 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	63,564.86	
16MOD-0326 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	89,839.19	
16220-0046 EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA).....	307,259.72	4,535.94
16MOD-0313 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,963.51	
16MOD-0317 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	79,281.08	
16MOD-0322 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	63,564.86	
16MOD-0326 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	89,839.19	
16220-0047 EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB).....	321,379.41	4,707.55
16MOD-0313 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,963.51	
16MOD-0317 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	79,281.08	
16MOD-0322 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	63,564.86	
16MOD-0326 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	89,839.19	
16220-0048 EA 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC).....	340,023.88	5,031.26
16MOD-0313 For Weather Resistant Steel Natural Gas Generator Enclosure, Add	55,963.51	
16MOD-0317 For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	79,281.08	
16MOD-0322 For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	63,564.86	
16MOD-0326 For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	89,839.19	
16220-0049 Small Natural Gas Or Propane Generator Sets (16220)		
16220-0050 EA 7.5 KW Natural Gas Or Propane Generator Set.....	3,001.03	351.02
Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.		
16220-0051 EA 10 KW Natural Gas Or Propane Generator Set.....	3,780.03	390.02
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
16220-0052 EA 14 KW Natural Gas Or Propane Generator Set.....	4,358.04	429.02
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
16220-0053 AC To DC Electrical Conversion (16220)		
16220-0054 Solid State, Non-Motor Driven AC To DC Industrial Rectifiers (16220-0053)		
16220-0055 60 Hz AC Input 230 Or 460 Volts, 125 Volt DC Output (16220-0054)		
16220-0056 EA 3 KW, 24 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	4,641.78	140.89
16220-0057 EA 5 KW, 40 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	5,644.69	140.89
16220-0058 EA 7.5 KW, 60 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	7,463.79	140.89
16220-0059 EA 10 KW, 80 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	7,522.17	140.89
16220-0060 EA 15 KW, 120 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	8,356.00	176.11
16220-0061 EA 20 KW, 160 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	9,045.10	176.11
16220-0062 EA 25 KW, 200 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	9,468.85	176.11
16220-0063 EA 40 KW, 320 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	11,536.71	232.47
16220-0064 EA 50 KW, 400 Amp, 125 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	12,814.22	232.47
16220-0065 60 Hz AC Input, 230 Or 460 Volts, 250 Volts DC Output (16220-0054)		
16220-0066 EA 3 KW, 12 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	5,367.84	140.89
16220-0067 EA 5 KW, 20 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	6,392.75	140.89
16220-0068 EA 7.5 KW, 30 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	7,305.82	140.89
16220-0069 EA 10 KW, 40 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	7,507.35	140.89
16220-0070 EA 15 KW, 60 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	8,508.48	176.11
16220-0071 EA 20 KW, 80 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	9,352.02	176.11
16220-0072 EA 25 KW, 100 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	9,658.94	176.11
16220-0073 EA 40 KW, 160 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	11,491.17	232.47
16220-0074 EA 50 KW, 200 Amp, 250 VDC, Rectifier 230 Or 460 AC To DC Conversion.....	12,186.20	232.47
16220-0075 460 Volt 3 Phase AC Motor Drive 250 Volt DC (16220-0053)		
16220-0076 EA 33 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	14,253.26	2,730.14
16220-0077 EA 40 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	15,878.79	2,730.14
16220-0078 EA 50 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	18,096.94	3,900.21
16220-0079 EA 65 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	21,029.01	3,900.21
16220-0080 EA 85 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	23,796.00	3,900.21
16220-0081 EA 100 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	28,048.82	5,850.31
16220-0082 EA 125 KW, 460 VAC Drive Motor To 250 VDC, AC To DC Electrical Conversion.....	34,125.58	5,850.31
16220-0083 Generator Accessories (16220)		
16220-0084 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase (16220-0083)		
Note: For diesel motor generator sets mounted in switchgear cabinet		
16220-0085 EA 50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 V, 3 Phase In Switchgear.....	3,816.25	1,120.09
16220-0086 EA 75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 V, 3 Phase In Switchgear.....	4,399.13	1,408.92
16220-0087 EA 100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 V, 3 Phase In Switchgear.....	4,935.86	1,676.61
16220-0088 Standby Batteries (16220-0083)		
16220-0089 EA 12 Volt, 100 Ah To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery.....	538.88	7.06
16220-0090 EA 12 Volt, 100 Ah To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket.....	583.35	7.06
16220-0091 EA 725CCA, Group 31, 12 Volt Lead Calcium Standby Battery.....	225.76	39.00



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16220-0092	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	209.51	39.00
16220-0093	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	325.38	39.00
16220-0094	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	370.28	39.00
16251 Transfer Equipment <small>(16200)</small>				
16251-0001 Manual Transfer Switches <small>(16251)</small>				
16251-0002 Fused Manual Transfer Switches <small>(16251-0001)</small>				
16251-0003	EA	30 A Manual Transfer Switch, Fused, 3 Pole, 480 V	1,121.07	123.28
16251-0004	EA	60 A Manual Transfer Switch, Fused, 3 Pole, 480 V	1,293.74	153.15
16251-0005 Automatic Transfer Switch <small>(16251)</small>				
16251-0006 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure <small>(16251-0005)</small>				
Note: Programmable, 120/240 volt single phase, 3 wire.				
16251-0007	EA	100A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	1,643.11	246.56
16251-0008	EA	200A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	2,234.00	317.00
16251-0009	EA	400A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	3,545.34	422.67
16251-0010	EA	600A Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure	8,056.67	528.34
16251-0011 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(16251-0005)</small>				
16251-0012	EA	40A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	6,300.36	176.11
		16MOD-0340 For NEMA 3R Enclosure, Add	574.33	
		16MOD-0347 For NEMA 4 Enclosure, Add	608.11	
		16MOD-0353 For NEMA 12 Enclosure, Add	608.11	
16251-0013	EA	70A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	3,111.74	211.34
		16MOD-0340 For NEMA 3R Enclosure, Add	574.33	
		16MOD-0347 For NEMA 4 Enclosure, Add	608.11	
		16MOD-0353 For NEMA 12 Enclosure, Add	608.11	
16251-0014	EA	150A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	4,069.70	281.78
		16MOD-0341 For NEMA 3R Enclosure, Add	675.68	
		16MOD-0348 For NEMA 4 Enclosure, Add	878.38	
		16MOD-0353 For NEMA 12 Enclosure, Add	608.11	
16251-0015	EA	260A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	5,128.01	352.23
		16MOD-0341 For NEMA 3R Enclosure, Add	675.68	
		16MOD-0348 For NEMA 4 Enclosure, Add	878.38	
		16MOD-0353 For NEMA 12 Enclosure, Add	608.11	
16251-0016	EA	400A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	6,059.96	422.67
		16MOD-0342 For NEMA 3R Enclosure, Add	797.30	
		16MOD-0349 For NEMA 4 Enclosure, Add	945.95	
		16MOD-0354 For NEMA 12 Enclosure, Add	675.68	
16251-0017	EA	600A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	8,212.49	483.03
		16MOD-0342 For NEMA 3R Enclosure, Add	797.30	
		16MOD-0349 For NEMA 4 Enclosure, Add	945.95	
		16MOD-0354 For NEMA 12 Enclosure, Add	675.68	
16251-0018	EA	800A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	9,204.18	579.63
		16MOD-0343 For NEMA 3R Enclosure, Add	979.73	
		16MOD-0350 For NEMA 4 Enclosure, Add	1,081.09	
		16MOD-0355 For NEMA 12 Enclosure, Add	945.95	
16251-0019	EA	1000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	11,904.28	772.85
		16MOD-0343 For NEMA 3R Enclosure, Add	979.73	
		16MOD-0350 For NEMA 4 Enclosure, Add	1,081.09	
		16MOD-0355 For NEMA 12 Enclosure, Add	945.95	
16251-0020	EA	1200A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	15,497.03	837.24
		16MOD-0344 For NEMA 3R Enclosure, Add	2,162.17	
		16MOD-0351 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0356 For NEMA 12 Enclosure, Add	1,013.52	
16251-0021	EA	1600A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	16,742.16	1,086.59
		16MOD-0345 For NEMA 3R Enclosure, Add	3,513.52	
		16MOD-0352 For NEMA 4 Enclosure, Add	4,324.33	
		16MOD-0357 For NEMA 12 Enclosure, Add	3,513.52	
16251-0022	EA	2000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	19,142.92	1,231.46
		16MOD-0345 For NEMA 3R Enclosure, Add	3,513.52	
		16MOD-0352 For NEMA 4 Enclosure, Add	4,324.33	
		16MOD-0357 For NEMA 12 Enclosure, Add	3,513.52	
16251-0023	EA	3000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	23,118.76	1,521.22
		16MOD-0345 For NEMA 3R Enclosure, Add	3,513.52	
16251-0024	EA	4000A Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	40,152.94	1,810.97
		16MOD-0346 For NEMA 3R Enclosure, Add	16,513.52	
16251-0025 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(16251-0005)</small>				
16251-0026	EA	150A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	13,186.17	1,223.67
		16MOD-0327 For NEMA 3R Enclosure, Add	1,182.44	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0335 For NEMA 12 Enclosure, Add	641.90	
16251-0027	EA	225A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	14,306.38	1,560.08
		16MOD-0327 For NEMA 3R Enclosure, Add	1,182.44	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0335 For NEMA 12 Enclosure, Add	641.90	

16000 Electrical
16200 Electrical Power
16251 Transfer Equipment



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16251-0028	EA	260A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260).....	14,426.41	1,352.47
		16MOD-0327 For NEMA 3R Enclosure, Add	1,182.44	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0335 For NEMA 12 Enclosure, Add	641.90	
16251-0029	EA	300A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300).....	16,716.44	1,677.08
		16MOD-0327 For NEMA 3R Enclosure, Add	1,182.44	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0335 For NEMA 12 Enclosure, Add	641.90	
16251-0030	EA	400A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400).....	18,662.16	1,416.87
		16MOD-0327 For NEMA 3R Enclosure, Add	1,182.44	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0335 For NEMA 12 Enclosure, Add	641.90	
16251-0031	EA	600A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600).....	22,461.10	1,481.28
		16MOD-0327 For NEMA 3R Enclosure, Add	1,182.44	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0336 For NEMA 12 Enclosure, Add	675.68	
16251-0032	EA	800A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800).....	24,782.48	1,545.68
		16MOD-0328 For NEMA 3R Enclosure, Add	1,216.22	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0337 For NEMA 12 Enclosure, Add	743.25	
16251-0033	EA	1000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000).....	31,622.95	2,028.29
		16MOD-0328 For NEMA 3R Enclosure, Add	1,216.22	
		16MOD-0332 For NEMA 4 Enclosure, Add	1,216.22	
		16MOD-0337 For NEMA 12 Enclosure, Add	743.25	
16251-0034	EA	1200A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200).....	41,250.33	2,173.16
		16MOD-0329 For NEMA 3R Enclosure, Add	5,405.41	
		16MOD-0333 For NEMA 4 Enclosure, Add	6,756.76	
		16MOD-0338 For NEMA 12 Enclosure, Add	5,405.41	
16251-0035	EA	1600A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600).....	53,862.92	2,318.05
		16MOD-0330 For NEMA 3R Enclosure, Add	11,486.49	
		16MOD-0334 For NEMA 4 Enclosure, Add	11,486.49	
		16MOD-0339 For NEMA 12 Enclosure, Add	10,702.71	
16251-0036	EA	2000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000).....	61,167.96	2,535.36
		16MOD-0330 For NEMA 3R Enclosure, Add	11,486.49	
		16MOD-0334 For NEMA 4 Enclosure, Add	11,486.49	
		16MOD-0339 For NEMA 12 Enclosure, Add	10,702.71	
16251-0037	EA	3000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000).....	98,376.74	3,120.17
		16MOD-0331 For NEMA 3R Enclosure, Add	14,189.19	
16251-0038	EA	4000A Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000).....	106,195.75	3,510.18
		16MOD-0331 For NEMA 3R Enclosure, Add	14,189.19	
16251-0039		Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(16251-0005)</small>		
16251-0040	EA	40A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40).....	4,399.78	176.11
		16MOD-0368 For NEMA 3R Enclosure, Add	337.84	
		16MOD-0371 For NEMA 12 Enclosure, Add	608.11	
16251-0041	EA	70A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70).....	4,757.65	211.34
		16MOD-0368 For NEMA 3R Enclosure, Add	337.84	
		16MOD-0371 For NEMA 12 Enclosure, Add	608.11	
16251-0042	EA	125A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125).....	5,114.91	246.56
		16MOD-0368 For NEMA 3R Enclosure, Add	337.84	
		16MOD-0371 For NEMA 12 Enclosure, Add	608.11	
16251-0043	EA	150A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150).....	6,143.03	281.78
		16MOD-0365 For Four Pole Circuit Breaker, Add	1,689.19	
		16MOD-0368 For NEMA 3R Enclosure, Add	337.84	
		16MOD-0371 For NEMA 12 Enclosure, Add	608.11	
16251-0044	EA	225A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225).....	7,945.62	289.82
		16MOD-0365 For Four Pole Circuit Breaker, Add	1,689.19	
		16MOD-0368 For NEMA 3R Enclosure, Add	337.84	
		16MOD-0371 For NEMA 12 Enclosure, Add	608.11	
16251-0045	EA	250A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250).....	8,517.07	352.23
		16MOD-0365 For Four Pole Circuit Breaker, Add	1,689.19	
		16MOD-0368 For NEMA 3R Enclosure, Add	337.84	
		16MOD-0371 For NEMA 12 Enclosure, Add	608.11	
16251-0046	EA	300A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300).....	8,790.53	354.22
		16MOD-0366 For Four Pole Circuit Breaker, Add	2,297.30	
		16MOD-0369 For NEMA 3R Enclosure, Add	878.38	
		16MOD-0372 For NEMA 12 Enclosure, Add	675.68	
16251-0047	EA	400A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400).....	10,023.26	422.67
		16MOD-0366 For Four Pole Circuit Breaker, Add	2,297.30	
		16MOD-0369 For NEMA 3R Enclosure, Add	878.38	
		16MOD-0372 For NEMA 12 Enclosure, Add	675.68	
16251-0048	EA	600A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600).....	12,071.10	483.03
		16MOD-0366 For Four Pole Circuit Breaker, Add	2,297.30	
		16MOD-0369 For NEMA 3R Enclosure, Add	878.38	
		16MOD-0372 For NEMA 12 Enclosure, Add	675.68	



Electrical 16000
Electrical Power 16200
Transfer Equipment 16251

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16251-0049	EA	800A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800).....	12,559.17	579.63
	16MOD-0367	For Four Pole Circuit Breaker, Add	3,277.03	
	16MOD-0370	For NEMA 3R Enclosure, Add	1,513.52	
	16MOD-0373	For NEMA 12 Enclosure, Add	945.95	
16251-0050	EA	1000A Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000).....	14,803.35	772.85
	16MOD-0367	For Four Pole Circuit Breaker, Add	3,277.03	
	16MOD-0370	For NEMA 3R Enclosure, Add	1,513.52	
	16MOD-0373	For NEMA 12 Enclosure, Add	945.95	
16251-0051		Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (16251)		
16251-0052	EA	40A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40).....	1,849.47	195.01
	16MOD-0358	For NEMA 3R Enclosure, Add	574.33	
	16MOD-0362	For NEMA 12 Enclosure, Add	540.54	
16251-0053	EA	70A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70).....	2,053.84	234.01
	16MOD-0358	For NEMA 3R Enclosure, Add	574.33	
	16MOD-0362	For NEMA 12 Enclosure, Add	540.54	
16251-0054	EA	125A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125).....	2,333.17	273.02
	16MOD-0358	For NEMA 3R Enclosure, Add	574.33	
	16MOD-0362	For NEMA 12 Enclosure, Add	540.54	
16251-0055	EA	150A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150).....	2,189.84	312.02
	16MOD-0359	For NEMA 3R Enclosure, Add	675.68	
	16MOD-0362	For NEMA 12 Enclosure, Add	540.54	
16251-0056	EA	225A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225).....	3,567.65	351.02
	16MOD-0359	For NEMA 3R Enclosure, Add	675.68	
	16MOD-0362	For NEMA 12 Enclosure, Add	540.54	
16251-0057	EA	260A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260).....	4,009.90	390.02
	16MOD-0359	For NEMA 3R Enclosure, Add	675.68	
	16MOD-0362	For NEMA 12 Enclosure, Add	540.54	
16251-0058	EA	300A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300).....	4,458.97	429.02
	16MOD-0360	For NEMA 3R Enclosure, Add	797.30	
	16MOD-0363	For NEMA 12 Enclosure, Add	675.68	
16251-0059	EA	400A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400).....	5,225.81	468.02
	16MOD-0360	For NEMA 3R Enclosure, Add	797.30	
	16MOD-0363	For NEMA 12 Enclosure, Add	675.68	
16251-0060	EA	600A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600).....	6,902.54	585.03
	16MOD-0360	For NEMA 3R Enclosure, Add	797.30	
	16MOD-0363	For NEMA 12 Enclosure, Add	675.68	
16251-0061	EA	800A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800).....	7,777.07	702.03
	16MOD-0361	For NEMA 3R Enclosure, Add	979.73	
	16MOD-0364	For NEMA 12 Enclosure, Add	945.95	
16251-0062	EA	1000A Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000).....	10,276.31	936.05
	16MOD-0361	For NEMA 3R Enclosure, Add	979.73	
	16MOD-0364	For NEMA 12 Enclosure, Add	945.95	
16251-0063		Accessories (16251)		
16251-0064	EA	Auxiliary Contacts For Automatic Transfer Switch	156.76	
16251-0065	EA	Battery Charger For Automatic Transfer Switch	1,283.79	
16251-0066	EA	Elevator Relay Signal For Automatic Transfer Switch	466.22	
16265		Uninterrupted Power System (16200)		
16265-0001		Single Phase Output Units (16265)		
		Note: Includes static transfer switch, mechanical bypass switch and meters.		
16265-0002		60 Hertz Models, 120 Volt Output (16265-0001)		
16265-0003		120 Volt Input, Single Phase (16265-0002)		
16265-0004	EA	0.5 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	1,706.27	211.34
	16MOD-0104	For Extended Run Time, Add	135.40	
16265-0005	EA	0.75 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	2,217.42	274.74
	16MOD-0104	For Extended Run Time, Add	175.95	
16265-0006	EA	1 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters.....	2,600.71	338.14
	16MOD-0104	For Extended Run Time, Add	203.81	
16265-0007	EA	1.5 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	4,030.76	380.41
	16MOD-0105	For Extended Run Time, Add	339.68	
16265-0008	EA	2 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters.....	4,505.65	422.67
	16MOD-0105	For Extended Run Time, Add	380.12	
16265-0009	EA	3 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters.....	5,886.88	845.35
	16MOD-0106	For Extended Run Time, Add	447.80	
16265-0010	EA	5 KVA, Uninterrupted Power Supply, 120 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters.....	7,515.44	1,021.46
	16MOD-0106	For Extended Run Time, Add	582.20	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16265-0011		240 Volt Input, Single Phase <small>(16265-0002)</small>		
16265-0012	EA	5 KVA, Uninterrupted Power Supply, 240 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters.....	8,289.60	1,021.46
16265-0013	EA	7.5 KVA, Uninterrupted Power Supply, 240 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	9,010.59	1,021.46
16265-0014	EA	10 KVA, Uninterrupted Power Supply, 240 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	10,244.49	1,127.14
16265-0015	EA	15 KVA, Uninterrupted Power Supply, 240 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	11,965.68	1,127.14
16265-0016		480 Volt Input, Single Phase <small>(16265-0002)</small>		
16265-0017	EA	5 KVA, Uninterrupted Power Supply, 480 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters.....	11,969.35	1,021.46
16265-0018	EA	7.5 KVA, Uninterrupted Power Supply, 480 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	12,567.24	1,021.46
16265-0019	EA	10 KVA, Uninterrupted Power Supply, 480 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	14,135.73	1,127.14
16265-0020	EA	15 KVA, Uninterrupted Power Supply, 480 V Input, 1 Phase, 60 Hz, 120 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	16,803.91	1,127.14
16265-0021		Optional Accessories For Single Phase Output Units <small>(16265-0001)</small>		
16265-0022	EA	Remote Status Panel Accessories, 1 Phase Units Only	972.91	162.03
16265-0023	EA	Exterior Battery Disconnect With Enclosure, 5 KVA Accessories, 1 Phase Units Only.....	556.79	123.28
16265-0024	EA	Exterior Battery Disconnect With Enclosure, 7-15 KVA 1 Phase Units Only.....	903.80	123.28
16265-0025	EA	Exterior 120/240 V Output Transformer, 5 KVA Accessories, 1 Phase Units Only, For Single Phase 60 Hertz Models Only.....	1,392.92	317.00
16265-0026	EA	Exterior 120/240 V Output Transformer, 7.5 KVA Accessories, 1 Phase Units Only, For Single Phase 60 Hertz Models Only.....	1,810.26	317.00
16265-0027	EA	Exterior 120/240 V Output Transformer, 10 KVA Accessories, 1 Phase Units Only, For Single Phase 60 Hertz Models Only.....	2,363.95	493.12
16265-0028	EA	Exterior 120/240 V Output Transformer, 15 KVA Accessories, 1 Phase Units Only, For Single Phase 60 Hertz Models Only.....	3,061.95	493.12
16265-0029		Three Phase Output Units <small>(16265)</small>		
		Note: Includes static transfer switch mechanical bypass switch and full metering and alarms.		
16265-0030		60 Hertz Models <small>(16265-0029)</small>		
16265-0031		208 Volt Three Phase Input, 120/208 Volt Output <small>(16265-0030)</small>		
16265-0032	EA	5 KVA, Uninterrupted Power Supply, 208 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	11,969.35	1,021.46
16265-0033	EA	7.5 KVA, Uninterrupted Power Supply, 208 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	12,567.24	1,021.46
16265-0034	EA	10 KVA, Uninterrupted Power Supply, 208 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	14,135.73	1,127.14
16265-0035	EA	15 KVA, Uninterrupted Power Supply, 208 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	19,662.37	1,352.47
16265-0036	EA	30 KVA, Uninterrupted Power Supply, 208 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	25,265.41	1,352.47
16265-0037	EA	45 KVA, Uninterrupted Power Supply, 208 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	33,505.97	1,352.47
16265-0038		480 Volt Three Phase Input, 120/208 Volt Output <small>(16265-0030)</small>		
16265-0039	EA	15 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	29,235.14	1,352.47
16265-0040	EA	30 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	37,081.40	1,352.47
16265-0041	EA	35 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	43,815.92	1,352.47
16265-0042	EA	45 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase, 60 Hz, 120/240 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	50,230.86	1,352.47
16265-0043		480 Volt Three Phase Input, 277/480 Volt Output <small>(16265-0030)</small>		
16265-0044	EA	10 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase, 60 Hz, 277/480 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	48,132.18	1,352.47
16265-0045	EA	20 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase.....	54,540.90	1,352.47
16265-0046	EA	30 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase.....	59,582.22	1,352.47
16265-0047	EA	45 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase.....	64,878.36	1,352.47
16265-0048	EA	50 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase.....	69,920.77	1,352.47
16265-0049	EA	62.5 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase, 60 Hz, 277/480 V Output, With Static Transformer Switch, Mechanical Bypass Switch And Meters	73,113.17	1,352.47
16265-0050	EA	75 KVA, Uninterrupted Power Supply, 480 V Input, 3 Phase.....	76,302.31	1,352.47
16265-0051		Optional Accessories For Three Phase Output Units <small>(16265-0029)</small>		
16265-0052	EA	Remote Status Panel, UPS Accessories, 3 Phase Units Only.....	1,114.17	246.56



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16265-0053 Battery Reservoir System With Rack <small>(16265)</small> Note: Lead-Calcium wet cell maintenance free, high voltage disconnect, internal fuse protection, system status and state of charge indicators.		
16265-0054 Reserve Power With Full Output Load <small>(16265-0053)</small>		
16265-0055 5 Minute Uninterrupted Power Supply Battery System <small>(16265-0054)</small>		
16265-0056 EA <5 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	1,938.24	515.23
16265-0057 EA 5 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,274.31	515.23
16265-0058 EA 7.5 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,343.42	515.23
16265-0059 EA 10 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,398.71	515.23
16265-0060 EA 15 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,751.19	515.23
16265-0061 EA 30 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	4,893.69	772.85
16265-0062 EA 45 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	5,557.18	772.85
16265-0063 EA 75 KVA, 5 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	6,524.76	1,084.23
16265-0064 15 Minute Uninterrupted Power Supply Battery System <small>(16265-0054)</small>		
16265-0065 EA <5 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,214.69	515.23
16265-0066 EA 5 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,592.23	515.23
16265-0067 EA 7.5 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,688.99	515.23
16265-0068 EA 10 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	3,552.89	772.85
16265-0069 EA 15 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	4,451.37	772.85
16265-0070 EA 30 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	7,091.49	901.65
16265-0071 EA 45 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	8,716.03	901.65
16265-0072 EA 75 KVA, 15 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	10,098.29	1,263.27
16265-0073 30 Minute Uninterrupted Power Supply Battery System <small>(16265-0054)</small>		
16265-0074 EA <5 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,283.80	515.23
16265-0075 EA 5 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	2,688.99	515.23
16265-0076 EA 7.5 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	3,552.89	772.85
16265-0077 EA 10 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	4,451.37	772.85
16265-0078 EA 15 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	5,675.04	901.65
16265-0079 EA 30 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	9,890.95	901.65
16265-0080 EA 45 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	17,256.32	1,030.46
16265-0081 EA 75 KVA, 30 Minutes, Uninterrupted Power Supply, Battery System With Rack, Lead Wet, Full Output Load	22,104.10	901.65
16265-0082 Mid Range Uninterruptible Power Supply Systems <small>(16265)</small> Note: Includes start-up. Liebert Npower. See CSI section 15773-0000 for computer room units.		
16265-0083 Mid Range Uninterruptible Power Supply Systems <small>(16265-0082)</small>		
16265-0084 EA 30 kVA, 24 KW, 480 V Uninterruptible Power Supply System	18,086.52	422.67
Note: Liebert Npower 37SA030A0A6E.		
16MOD-0193 For 208/208 Or 480/208 V, Add	759.71	
16MOD-0199 For 34 Minute Battery, Add	9,609.32	
16MOD-0220 For MBC 2-Breaker, Add	4,446.78	
16265-0085 EA 40 kVA, 32 KW, 480 V Uninterruptible Power Supply System	21,458.20	493.12
Note: Liebert Npower 37SA040A0A6E.		
16MOD-0194 For 208/208 Or 480/208 V, Add	823.50	
16MOD-0200 For 23 Minute Battery, Add	9,610.72	
16MOD-0201 For 37 Minute Battery, Add	10,958.96	
16MOD-0221 For MBC 2-Breaker, Add	5,074.31	
16265-0086 EA 50 kVA, 40 KW, 480 V Uninterruptible Power Supply System	23,372.53	563.56
Note: Liebert Npower 37SA050A0A6E.		
16MOD-0195 For 208/208 Or 480/208 V, Add	950.50	
16MOD-0202 For 18 Minute Battery, Add	9,609.32	
16MOD-0203 For 28 Minute Battery, Add	10,961.78	
16MOD-0204 For 35 Minute Battery, Add	12,708.77	
16MOD-0222 For MBC 2-Breaker, Add	5,074.31	
16265-0087 EA 65 kVA, 52 KW, 480 V Uninterruptible Power Supply System	26,229.87	634.01
Note: Liebert Npower 37SA065A0A6E.		
16MOD-0196 For 208/208 Or 480/208 V, Add	1,076.50	
16MOD-0205 For 12 Minute Battery, Add	9,776.33	
16MOD-0206 For 19 Minute Battery, Add	11,124.73	
16MOD-0207 For 25 Minute Battery, Add	12,874.02	
16MOD-0208 For 30 Minute Battery, Add	17,433.62	
16MOD-0223 For MBC 2-Breaker, Add	7,405.17	
16265-0088 EA 80 kVA, 64 KW, 480 V Uninterruptible Power Supply System	27,510.90	704.45
Note: Liebert Npower 37SA080A0A6E.		
16MOD-0196 For 208/208 Or 480/208 V, Add	1,076.50	
16MOD-0209 For 15 Minute Battery, Add	11,123.32	
16MOD-0210 For 19 Minute Battery, Add	12,872.61	
16MOD-0211 For 33 Minute Battery, Add	21,358.25	
16MOD-0224 For MBC 3-Breaker, Add	7,405.17	

16000 Electrical
16200 Electrical Power
16265 Uninterrupted Power System



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16265-0089 EA 100 kVA, 80 KW, 480 V Uninterruptible Power Supply System Note: Liebert Npower 37SA0100A0A6E.	29,391.88	774.90
16MOD-0197 For 208/208 Or 480/208 V, Add	1,203.93	
16MOD-0212 For 11 Minute Battery, Add	11,751.38	
16MOD-0213 For 17 Minute Battery, Add	18,069.78	
16MOD-0214 For 25 Minute Battery, Add	22,013.63	
16MOD-0215 For 35 Minute Battery, Add	26,782.64	
16MOD-0225 For MBC 3-Breaker, Add	8,540.71	
16265-0090 EA 130 kVA, 104 KW, 480 V Uninterruptible Power Supply System Note: Liebert Npower 37SA130A0A6E.	31,813.63	845.35
16MOD-0198 For 208/208 Or 480/208 V, Add	1,266.57	
16MOD-0216 For 11 Minute Battery, Add	18,069.78	
16MOD-0217 For 17 Minute Battery, Add	22,020.68	
16MOD-0218 For 25 Minute Battery, Add	26,785.45	
16MOD-0219 For 30 Minute Battery, Add	35,801.41	
16MOD-0226 For MBC 3-Breaker, Add	8,540.71	
16265-0091 Accessories For Mid Range Uninterruptible Power Supply (16265-0082)		
16265-0092 EA Network Interface Card For Mid Range Uninterruptible Power Supply Systems	787.63	35.22
16265-0093 EA Remote Status Panel With 100' Of Cable For Mid Range Uninterruptible Power Supply Systems.....	1,390.89	70.45
16265-0094 EA Programmable Relay Board For Mid Range Uninterruptible Power Supply Systems	414.10	35.22
16265-0095 EA Slim Line Distribution Panel With Two 42 Pole Panels For Mid Range Uninterruptible Power Supply Systems.....	3,959.10	281.78
16265-0096 Large Uninterruptible Power Supply Systems (16265)		
Note: Includes start-up. Liebert 600 series. See CSI section 15773-0000 for computer room units.		
16265-0097 Large Uninterruptible Power Supply Systems (16265-0096)		
16265-0098 EA 225 kVA, 180 KW, 480 V Uninterruptible Power Supply System Note: Liebert Series 610 U39SA229AAAA.	49,361.35	1,268.03
16MOD-0227 For Input Filter with Disconnect, Add	2,122.59	
16MOD-0230 For Isolation Transformer, Add	6,964.97	
16MOD-0233 For VRLA 12 Minute Battery, Add	32,429.91	
16MOD-0234 For VRLA 14 Minute Battery, Add	34,864.20	
16MOD-0235 For VRLA 22 Minute Battery, Add	43,338.62	
16MOD-0236 For VRLA 37 Minute Battery, Add	64,830.40	
16MOD-0241 For Two Breaker Matching Maintenance Bypass Cabinet, Add	7,757.32	
16MOD-0242 For Three Breaker Matching Maintenance Bypass Cabinet, Add	8,377.97	
16265-0099 EA 300 kVA, 240 KW, 480 V Uninterruptible Power Supply System Note: Liebert Series 610 U39SA300AAAA.	64,377.83	1,408.92
16MOD-0228 For Input Filter with Disconnect, Add	2,317.75	
16MOD-0231 For Isolation Transformer, Add	8,178.67	
16MOD-0237 For VRLA 14 Minute Battery, Add	43,355.52	
16MOD-0238 For VRLA 17 Minute Battery, Add	52,188.15	
16MOD-0239 For VRLA 26 Minute Battery, Add	64,850.13	
16MOD-0243 For Two Breaker Matching Maintenance Bypass Cabinet, Add	9,357.20	
16MOD-0244 For Three Breaker Matching Maintenance Bypass Cabinet, Add	10,712.26	
16265-0100 EA 500 kVA, 400 KW, 480 V Uninterruptible Power Supply System Note: Liebert Series 610 U39SA500AAAA.	80,227.35	1,549.81
16MOD-0229 For Input Filter with Disconnect, Add	5,384.41	
16MOD-0232 For 12 Pulse With Isolation Transformer, Add	9,964.73	
16MOD-0240 For VRLA 12 Minute Battery, Add	64,847.31	
16MOD-0245 For Two Breaker Maintenance Bypass Switchboard, Add	9,464.08	
16MOD-0246 For Three Breaker Maintenance Bypass Switchboard, Add	12,977.61	
16265-0101 Accessories For Large Uninterruptible Power Supply Systems (16265-0096)		
16265-0102 EA SNMP For Large Uninterruptible Power Supply Systems	1,156.57	
16265-0103 EA Load Bus Sync Control Panel For Large Uninterruptible Power Supply Systems.....	8,351.23	281.78
16265-0104 EA Remote Status Panel For Large Uninterruptible Power Supply Systems.....	1,009.78	35.22
16265-0105 EA Load Bus Sync Board For Large Uninterruptible Power Supply Systems.....	1,691.01	35.22
16265-0106 EA Maintenance Bypass Interface For Large Uninterruptible Power Supply Systems	898.97	140.89
16265-0107 EA Alarm Status Contacts For Large Uninterruptible Power Supply Systems.....	598.00	35.22
16265-0108 EA Customer Alarm Interface For Large Uninterruptible Power Supply Systems.....	508.34	35.22
16265-0109 EA Communication Interface For Large Uninterruptible Power Supply Systems.....	760.05	35.22
16265-0110 Other Uninterruptible Power Supply Equipment (16265)		
16265-0111 EA Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In.....	2,934.81	64.40
16265-0112 EA Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In.....	3,547.41	128.81
16265-0113 EA GE Plug-In Breakers 1 Pole 15- 60A For UPS Distribution Panel.....	16.44	3.86
16265-0114 EA GE Plug-In Breakers 2 Pole 15- 40A For UPS Distribution Panel.....	29.01	4.83
16265-0115 EA GE Plug-In Breakers 2 Pole 50- 80A For UPS Distribution Panel.....	53.20	4.83
16265-0116 EA GE Plug-In Breakers 3 Pole 15- 60A For UPS Distribution Panel.....	77.71	6.44
16265-0117 EA GE Plug-In Breakers 3 Pole 70- 100A For UPS Distribution Panel.....	109.64	6.44
16265-0118 EA Uninterrupted Power Supply Remote Status Panel	2,015.60	64.40
16265-0119 EA Uninterrupted Power Supply Remote Contact Board.....	677.14	48.31

16266 Variable Frequency Drives (16200)

Note: Used for pumps and air handling units. Includes freestanding, front access NEMA 1 enclosure; circuit breaker disconnect switch; adjustable frequency controller, microprocessor based, with digital keypad and display; output filter; bypass connectors; and



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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controls.

16266-0001 208/230 Volt Variable Frequency Drives ⁽¹⁶²⁶⁶⁾		
Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series.		
16266-0002 EA 3/4 HP, 208/230 Volt Variable Frequency Drive	1,354.97	139.60
16266-0003 EA 1 HP, 208/230 Volt Variable Frequency Drive	1,525.97	139.60
16266-0004 EA 1-1/2 HP, 208/230 Volt Variable Frequency Drive	1,781.97	139.60
16266-0005 EA 2 HP, 208/230 Volt Variable Frequency Drive	1,949.97	139.60
16266-0006 EA 3 HP, 208/230 Volt Variable Frequency Drive	2,057.97	139.60
16266-0007 EA 5 HP, 208/230 Volt Variable Frequency Drive	2,116.60	139.60
16266-0008 EA 7.5 HP, 208/230 Volt Variable Frequency Drive	2,360.32	209.81
16266-0009 EA 10 HP, 208/230 Volt Variable Frequency Drive	2,872.77	209.81
16266-0010 EA 15 HP, 208/230 Volt Variable Frequency Drive	3,483.57	279.11
16266-0011 EA 20 HP, 208/230 Volt Variable Frequency Drive	4,030.72	279.11
16266-0012 EA 25 HP, 208/230 Volt Variable Frequency Drive	5,014.56	349.33
16266-0013 EA 30 HP, 208/230 Volt Variable Frequency Drive	6,269.32	349.33
16266-0014 EA 40 HP, 208/230 Volt Variable Frequency Drive	7,671.59	410.17
16266-0015 EA 50 HP, 208/230 Volt Variable Frequency Drive	8,618.01	490.41
16266-0016 EA 60 HP, 208/230 Volt Variable Frequency Drive	9,789.01	490.41
16266-0017 EA 75 HP, 208/230 Volt Variable Frequency Drive	11,578.01	490.41

16266-0018 460/480 Volt Variable Frequency Drives ⁽¹⁶²⁶⁶⁾		
Note: 3 Phase. ABB ACH550 or ACS550 Series.		
16266-0019 EA 5 HP, 480 Volt Variable Frequency Drive	1,990.97	139.60
Note: Wall mounted.		
16266-0020 EA 7.5 HP, 480 Volt Variable Frequency Drive	2,107.32	209.81
Note: Wall mounted.		
16266-0021 EA 10 HP, 480 Volt Variable Frequency Drive	2,330.72	209.81
Note: Wall mounted.		
16266-0022 EA 15 HP, 480 Volt Variable Frequency Drive	2,952.57	279.11
Note: Wall mounted.		
16266-0023 EA 20 HP, 480 Volt Variable Frequency Drive	3,453.94	279.13
Note: Wall mounted.		
16266-0024 EA 25 HP, 480 Volt Variable Frequency Drive	4,336.56	349.34
Note: Wall mounted.		
16266-0025 EA 30 HP, 480 Volt Variable Frequency Drive	4,955.32	349.33
Note: Wall mounted.		
16266-0026 EA 40 HP, 480 Volt Variable Frequency Drive	5,962.59	410.17
Note: Wall mounted.		
16266-0027 EA 50 HP, 480 Volt Variable Frequency Drive	7,061.01	490.41
Note: Wall mounted.		
16266-0028 EA 60 HP, 480 Volt Variable Frequency Drive	8,220.44	524.33
Note: Wall mounted.		
16266-0029 EA 75 HP, 480 Volt Variable Frequency Drive	9,318.86	558.26
Note: Wall mounted.		
16266-0030 EA 100 HP, 480 Volt Variable Frequency Drive	11,167.03	592.02
Note: Wall mounted.		
16266-0031 EA 125 HP, 480 Volt Variable Frequency Drive	13,275.29	625.28
Note: Wall mounted.		
16266-0032 EA 150 HP, 480 Volt Variable Frequency Drive	15,283.10	698.63
Note: Floor mounted.		
16266-0033 EA 200 HP, 480 Volt Variable Frequency Drive	20,616.39	765.96
Note: Floor mounted.		
16266-0034 EA 250 HP, 480 Volt Variable Frequency Drive	26,591.71	833.69
Note: Floor mounted.		
16266-0035 EA 300 HP, 480 Volt Variable Frequency Drive	31,313.76	976.99
Note: Floor mounted.		
16266-0036 EA 350 HP, 480 Volt Variable Frequency Drive	36,377.58	1,106.69
Note: Floor mounted.		
16266-0037 EA 400 HP, 480 Volt Variable Frequency Drive	42,605.57	1,250.56
Note: Floor mounted.		
16266-0038 EA 450 HP, 480 Volt Variable Frequency Drive	45,967.02	1,405.10
Note: Floor mounted.		

16300 Power Transmission ⁽¹⁶⁰⁰⁰⁾

16330 Transformers ⁽¹⁶³⁰⁰⁾

16330-0001 Single Phase General Purpose "Dry Type" Transformers ⁽¹⁶³³⁰⁾		
Note: 60 Hz type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
16330-0002 480 V - 120/240 V General Purpose Dry Type Transformers ⁽¹⁶³³⁰⁻⁰⁰⁰¹⁾		
Note: 2-2.5 Percent taps above and 4-2.5 percent taps below		
16330-0003 EA 1 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	455.30	148.14
16330-0004 EA 3 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	530.14	181.10
16330-0005 EA 5 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	705.32	181.10
16330-0006 EA 7.5 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	881.05	181.10
16330-0007 EA 10 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,205.13	289.76



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16330-0008	EA	15 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,400.23	289.76
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	42.48	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	63.72	
16330-0009	EA	25 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,598.49	289.76
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	46.89	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	70.33	
16330-0010	EA	37.5 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	1,680.17	456.36
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	43.71	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	65.57	
16330-0011	EA	50 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	2,018.10	456.36
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	53.19	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	79.78	
16330-0012	EA	75 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	2,504.18	456.36
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	72.10	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	108.14	
16330-0013	EA	100 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	3,039.21	742.50
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	93.25	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	139.87	
16330-0014	EA	167 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	4,559.75	742.50
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	154.67	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	232.00	
16330-0015	EA	250 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	7,701.36	742.50
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	293.42	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	440.12	
16330-0016	EA	333 KVA, 480 V - 120/240 V Transformer, Dry, 1 Phase, 60 Hz, General Purpose	11,555.28	1,031.97
		16MOD-0107 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	473.38	
		16MOD-0108 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	710.07	
16330-0017		240 x 480 V - 120/240 V General Purpose Dry Type Transformers (16330-0001)		
		Note: 1-10 Percent x 2-5 percent FCBN taps		
16330-0018	EA	3 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	457.73	181.10
16330-0019	EA	5 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	589.30	181.10
16330-0020	EA	7.5 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	751.49	181.10
16330-0021	EA	10 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	899.88	289.76
16330-0022		240 x 480 V - 120/240 V General Purpose Dry Type Transformers (16330-0001)		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps		
16330-0023	EA	15 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	1,399.92	289.76
16330-0024	EA	25 KVA, 240 x 480 V - 120/240 V Transformer, 1 Phase, 60 Hz, General Purpose, Dry	1,598.49	289.76
16330-0025		1 Phase Mounting Brackets (16330-0001)		
16330-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	376.31	128.81
16330-0027		1 Phase Weathershields (16330-0001)		
		Note: Use with types DT-3 and DS-3		
16330-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	30.61	
16330-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	39.01	
16330-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	46.52	
16330-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	55.50	
16330-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	75.09	
16330-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	89.78	
16330-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	110.18	
16330-0035		Packaged Power Supply (16330-0001)		
		Note: 2-5 Percent FCBN taps		
16330-0036	EA	5 KVA, 480 V - 120/240 V, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 A Breakers	763.06	193.73
16330-0037	EA	7.5 KVA, 480 V - 120/240 V, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 A Breakers	966.43	193.73
16330-0038	EA	10 KVA, 480 V - 120/240 V, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 A Breakers	1,452.08	440.29
16330-0039	EA	15 KVA, 480 V - 120/240 V, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 A Breakers	1,886.85	598.79
16330-0040	EA	25 KVA, 480 V - 120/240 V, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 A Breakers	2,364.35	598.79
16330-0041		240 V-120/240V Single Phase Isolation Transformer Computer Grade (16330-0001)		
16330-0042	EA	0.5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	632.00	144.87
16330-0043	EA	1 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	819.72	144.87
16330-0044	EA	2.5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	938.01	162.99
16330-0045	EA	5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,052.20	181.10
16330-0046	EA	7.5 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,230.87	216.95
16330-0047	EA	10 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,581.67	253.17
16330-0048	EA	15 KVA, 1 Phase, 240 V - 120/240 V, Isolation Transformer	1,992.88	271.64
16330-0049		1 Phase 208/600V Dry General Purpose Transformer (16330-0001)		
16330-0050	EA	15 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	2,569.89	362.20
16330-0051	EA	25 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	2,703.51	398.41
16330-0052	EA	30 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	2,846.49	435.06
16330-0053	EA	37.5 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry	3,623.71	471.43



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16330-0054	EA	45 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry.....	3,869.97	544.96
16330-0055	EA	50 KVA, 208/600 V, Transformer, 1 Phase, 60 Hz, General Purpose, Dry.....	4,839.15	521.05
16330-0056		3 Phase General Purpose "Dry Type" Transformer ⁽¹⁶³³⁰⁾ Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
16330-0057		Packaged Power Supply ⁽¹⁶³³⁰⁻⁰⁰⁵⁶⁾ Note: 2-5 Percent FCBN taps		
16330-0058	EA	15 KVA, 480 V - 208/120 V, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 A Breakers	3,671.09	803.08
		16MOD-0109 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	107.84	
		16MOD-0110 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	161.76	
16330-0059	EA	22.5 KVA, 480 V - 208/120 V, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 A Breakers	4,303.40	803.08
		16MOD-0109 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	133.64	
		16MOD-0110 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	200.45	
16330-0060	EA	30 KVA, 480 V - 208/120 V, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 A Breakers	5,040.53	803.08
		16MOD-0109 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	163.97	
		16MOD-0110 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	245.95	
16330-0061		480V x 208Y/120V, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps ⁽¹⁶³³⁰⁻⁰⁰⁵⁶⁾		
16330-0062	EA	30 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	2,756.32	452.74
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	93.74	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	140.60	
		16MOD-0113 For K4 Factor Rating, Add	1,312.31	
		16MOD-0114 For K13 Factor Rating, Add	1,874.73	
		16MOD-0115 For K20 Factor Rating, Add	2,437.15	
16330-0063	EA	37.5 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	3,271.62	452.74
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	115.86	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	173.80	
		16MOD-0113 For K4 Factor Rating, Add	1,622.09	
		16MOD-0114 For K13 Factor Rating, Add	2,317.27	
		16MOD-0115 For K20 Factor Rating, Add	3,012.45	
16330-0064	EA	45 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	3,504.77	532.42
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	120.18	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	180.27	
		16MOD-0113 For K4 Factor Rating, Add	1,682.52	
		16MOD-0114 For K13 Factor Rating, Add	2,403.60	
		16MOD-0115 For K20 Factor Rating, Add	3,124.68	
16330-0065	EA	50 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	4,339.99	532.42
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	164.26	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	246.39	
		16MOD-0113 For K4 Factor Rating, Add	2,299.63	
		16MOD-0114 For K13 Factor Rating, Add	3,285.18	
		16MOD-0115 For K20 Factor Rating, Add	4,270.73	
16330-0066	EA	75 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	5,022.48	996.03
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	159.47	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	239.21	
		16MOD-0113 For K4 Factor Rating, Add	2,232.59	
		16MOD-0114 For K13 Factor Rating, Add	3,189.42	
		16MOD-0115 For K20 Factor Rating, Add	4,146.25	
16330-0067	EA	112.5 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	6,208.76	996.03
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	199.92	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	299.87	
		16MOD-0113 For K4 Factor Rating, Add	2,798.82	
		16MOD-0114 For K13 Factor Rating, Add	3,998.31	
		16MOD-0115 For K20 Factor Rating, Add	5,197.80	
16330-0068	EA	150 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	7,901.77	1,354.60
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	266.62	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	399.93	
		16MOD-0113 For K4 Factor Rating, Add	3,732.65	
		16MOD-0114 For K13 Factor Rating, Add	5,332.36	
		16MOD-0115 For K20 Factor Rating, Add	6,932.07	
16330-0069	EA	225 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	10,286.30	1,354.60
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	368.38	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	552.57	
		16MOD-0113 For K4 Factor Rating, Add	5,157.36	
		16MOD-0114 For K13 Factor Rating, Add	7,367.65	
		16MOD-0115 For K20 Factor Rating, Add	9,577.95	
16330-0070	EA	300 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	12,966.80	1,977.58
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	447.93	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	671.89	
		16MOD-0113 For K4 Factor Rating, Add	6,270.96	
		16MOD-0114 For K13 Factor Rating, Add	8,958.51	
		16MOD-0115 For K20 Factor Rating, Add	11,646.06	
16330-0071	EA	500 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	19,653.53	3,303.21
		16MOD-0111 For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	655.91	
		16MOD-0112 For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	983.87	
		16MOD-0113 For K4 Factor Rating, Add	9,182.80	
		16MOD-0114 For K13 Factor Rating, Add	13,118.29	
		16MOD-0115 For K20 Factor Rating, Add	17,053.78	

16000 Electrical
16300 Power Transmission
16330 Transformers



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16330-0072	EA	750 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	44,023.37	5,939.99
	16MOD-0111	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,599.93	
	16MOD-0112	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	2,399.89	
	16MOD-0113	For K4 Factor Rating, Add	22,398.96	
	16MOD-0114	For K13 Factor Rating, Add	31,998.52	
	16MOD-0115	For K20 Factor Rating, Add	41,598.08	
16330-0073	EA	1000 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	56,917.16	7,424.98
	16MOD-0111	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	2,130.09	
	16MOD-0112	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	3,195.14	
	16MOD-0113	For K4 Factor Rating, Add	29,821.31	
	16MOD-0114	For K13 Factor Rating, Add	42,601.87	
	16MOD-0115	For K20 Factor Rating, Add	55,382.43	
16330-0074		480V x 208Y/120V, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps (16330-0056)		
16330-0075	EA	6 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	1,336.03	271.64
	16MOD-0118	For K4 Factor Rating, Add	678.59	
	16MOD-0119	For K13 Factor Rating, Add	969.42	
	16MOD-0120	For K20 Factor Rating, Add	1,260.25	
16330-0076	EA	9 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	1,830.40	271.64
	16MOD-0118	For K4 Factor Rating, Add	870.67	
	16MOD-0119	For K13 Factor Rating, Add	1,243.82	
	16MOD-0120	For K20 Factor Rating, Add	1,616.97	
16330-0077	EA	15 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	2,439.89	271.64
	16MOD-0116	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	85.33	
	16MOD-0117	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	128.00	
	16MOD-0118	For K4 Factor Rating, Add	1,194.67	
	16MOD-0119	For K13 Factor Rating, Add	1,706.67	
	16MOD-0120	For K20 Factor Rating, Add	2,218.67	
16330-0078		480V x 480Y/277V, 2-2.5 Percent FCAN And 4 Percent FCBN Taps (16330-0056)		
16330-0079	EA	30 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	4,522.98	507.07
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	178.43	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	267.65	
	16MOD-0123	For K4 Factor Rating, Add	2,498.04	
	16MOD-0124	For K13 Factor Rating, Add	3,568.63	
	16MOD-0125	For K20 Factor Rating, Add	4,639.22	
16330-0080	EA	45 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	5,072.34	507.07
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	198.56	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	297.84	
	16MOD-0123	For K4 Factor Rating, Add	2,779.82	
	16MOD-0124	For K13 Factor Rating, Add	3,971.17	
	16MOD-0125	For K20 Factor Rating, Add	5,162.52	
16330-0081	EA	75 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	7,872.74	996.03
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	301.98	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	452.98	
	16MOD-0123	For K4 Factor Rating, Add	4,227.78	
	16MOD-0124	For K13 Factor Rating, Add	6,039.68	
	16MOD-0125	For K20 Factor Rating, Add	7,851.58	
16330-0082	EA	112.5 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	9,828.64	996.03
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	380.91	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	571.36	
	16MOD-0123	For K4 Factor Rating, Add	5,332.73	
	16MOD-0124	For K13 Factor Rating, Add	7,618.19	
	16MOD-0125	For K20 Factor Rating, Add	9,903.65	
16330-0083	EA	150 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	11,817.38	1,354.60
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	462.40	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	693.60	
	16MOD-0123	For K4 Factor Rating, Add	6,473.58	
	16MOD-0124	For K13 Factor Rating, Add	9,247.97	
	16MOD-0125	For K20 Factor Rating, Add	12,022.36	
16330-0084	EA	225 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	14,800.50	1,354.60
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	594.09	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	891.14	
	16MOD-0123	For K4 Factor Rating, Add	8,317.30	
	16MOD-0124	For K13 Factor Rating, Add	11,881.85	
	16MOD-0125	For K20 Factor Rating, Add	15,446.41	
16330-0085	EA	300 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	18,429.03	1,977.58
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	721.04	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,081.56	
	16MOD-0123	For K4 Factor Rating, Add	10,094.52	
	16MOD-0124	For K13 Factor Rating, Add	14,420.74	
	16MOD-0125	For K20 Factor Rating, Add	18,746.96	
16330-0086	EA	500 KVA, 480 x 480 Y / 277 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry.....	30,220.54	3,295.97
	16MOD-0121	For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,184.27	
	16MOD-0122	For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,776.40	
	16MOD-0123	For K4 Factor Rating, Add	16,579.71	
	16MOD-0124	For K13 Factor Rating, Add	23,685.30	
	16MOD-0125	For K20 Factor Rating, Add	30,790.89	
16330-0087		Three Phase Mounting Brackets (16330-0056)		
16330-0088	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA.....	478.94	128.81



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16330-0089	3 Phase Weathershields <small>(16330-0056)</small> Note: Use with type DT-3 and DS-3		
16330-0090	EA 45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	414.61	
16330-0091	EA 150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	704.08	
16330-0092	EA 500-1000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	704.08	
16330-0093	3 Phase 60 Hz K20 Dry Type Transformers <small>(16330-0056)</small>		
16330-0094	3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise <small>(16330-0093)</small> Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
16330-0095	EA 15 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	2,192.65	280.34
16330-0096	EA 30 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	3,314.29	372.33
16330-0097	EA 45 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	4,725.17	423.76
16330-0098	EA 75 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	5,940.48	465.06
16330-0099	EA 112.5 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	8,055.29	271.64
16330-0100	EA 150 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	10,391.35	495.48
16330-0101	EA 225 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	12,173.78	651.95
16330-0102	EA 300 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	19,127.54	767.85
16330-0103	3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise <small>(16330-0093)</small> Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
16330-0104	EA 15 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	2,507.75	280.34
16330-0105	EA 30 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	3,811.81	372.33
16330-0106	EA 45 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	5,482.01	423.76
16330-0107	EA 75 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	6,920.46	465.06
16330-0108	EA 112.5 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	10,161.14	485.34
16330-0109	EA 150 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	12,250.30	495.48
16330-0110	EA 225 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	14,319.18	651.95
16330-0111	EA 300 KVA, 480 V - 208 Y / 120 V Transformer, 3 Phase, 60 Hz, K20	22,611.74	767.85
16330-0112	Premium Energy Efficient Transformer <small>(16330)</small> Note: General Purpose, Harmonic Mitigating		
16330-0113	3 Phase 60 Hz Dry Type Transformers, 75 C Rise <small>(16330-0112)</small> Note: Premium 30 Energy Efficient		
16330-0114	EA 15 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	2,781.22	271.64
	16MOD-0292 For K-9 Rating, Add	921.60	
	16MOD-0293 For K-13 Rating, Add	1,536.00	
16330-0115	EA 30 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	5,236.70	507.07
	16MOD-0292 For K-9 Rating, Add	1,927.06	
	16MOD-0293 For K-13 Rating, Add	3,211.76	
16330-0116	EA 45 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	5,866.57	507.07
	16MOD-0292 For K-9 Rating, Add	2,144.43	
	16MOD-0293 For K-13 Rating, Add	3,574.05	
16330-0117	EA 75 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	9,080.67	996.03
	16MOD-0292 For K-9 Rating, Add	3,261.42	
	16MOD-0293 For K-13 Rating, Add	5,435.71	
16330-0118	EA 112.5 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	11,352.28	996.03
	16MOD-0292 For K-9 Rating, Add	4,113.82	
	16MOD-0293 For K-13 Rating, Add	6,856.37	
16330-0119	EA 150 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	13,666.97	1,354.60
	16MOD-0292 For K-9 Rating, Add	4,993.90	
	16MOD-0293 For K-13 Rating, Add	8,323.17	
16330-0120	EA 225 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	17,176.87	1,354.60
	16MOD-0292 For K-9 Rating, Add	6,416.20	
	16MOD-0293 For K-13 Rating, Add	10,693.67	
16330-0121	EA 300 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	21,313.18	1,977.58
	16MOD-0292 For K-9 Rating, Add	7,787.20	
	16MOD-0293 For K-13 Rating, Add	12,978.67	
16330-0122	EA 500 KVA, Premium Efficient Transformer, 3 Phase, 60 Hz.....	34,957.60	3,295.97
	16MOD-0292 For K-9 Rating, Add	12,790.06	
	16MOD-0293 For K-13 Rating, Add	21,316.77	
16350	Circuit Breaker Switchgear <small>(16300)</small>		
16350-0001	Fusible Main Secondary Switch <small>(16350)</small>		
16350-0002	Bolted, 600 VAC Fusible Main Secondary Switch Under 600 Amps <small>(16350-0001)</small> Note: 200,000 Ampere interrupting capacity		
16350-0003	EA 1 Fuse Amp, 200,000 Ampere Interrupting Capacity	19.80	3.52
16350-0004	EA 2 Fuse Amp, 200,000 Ampere Interrupting Capacity	21.67	3.52
16350-0005	EA 3 Fuse Amp, 200,000 Ampere Interrupting Capacity	19.80	3.52
16350-0006	EA 6 Fuse Amp, 200,000 Ampere Interrupting Capacity	19.41	4.23
16350-0007	EA 10 Fuse Amp, 200,000 Ampere Interrupting Capacity	21.53	5.28
16350-0008	EA 15 Fuse Amp, 200,000 Ampere Interrupting Capacity	21.53	5.28
16350-0009	EA 20 Fuse Amp, 200,000 Ampere Interrupting Capacity	23.32	5.28
16350-0010	EA 25 Fuse Amp, 200,000 Ampere Interrupting Capacity	25.05	7.05
16350-0011	EA 30 Fuse Amp, 200,000 Ampere Interrupting Capacity	23.35	7.05
16350-0012	EA 35 Fuse Amp, 200,000 Ampere Interrupting Capacity	30.61	7.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16350-0013	EA	40 Fuse Amp, 200,000 Ampere Interrupting Capacity	33.35	7.05
16350-0014	EA	45 Fuse Amp, 200,000 Ampere Interrupting Capacity	33.35	7.05
16350-0015	EA	50 Fuse Amp, 200,000 Ampere Interrupting Capacity	34.14	8.80
16350-0016	EA	60 Fuse Amp, 200,000 Ampere Interrupting Capacity	31.54	8.80
16350-0017	EA	70 Fuse Amp, 200,000 Ampere Interrupting Capacity	46.04	10.57
16350-0018	EA	80 Fuse Amp, 200,000 Ampere Interrupting Capacity	50.10	10.57
16350-0019	EA	90 Fuse Amp, 200,000 Ampere Interrupting Capacity	54.36	10.57
16350-0020	EA	100 Fuse Amp, 200,000 Ampere Interrupting Capacity	53.61	12.33
16350-0021	EA	110 Fuse Amp, 200,000 Ampere Interrupting Capacity	65.05	12.33
16350-0022	EA	125 Fuse Amp, 200,000 Ampere Interrupting Capacity	59.83	12.33
16350-0023	EA	150 Fuse Amp, 200,000 Ampere Interrupting Capacity	63.36	14.09
16350-0024	EA	175 Fuse Amp, 200,000 Ampere Interrupting Capacity	68.58	14.09
16350-0025	EA	200 Fuse Amp, 200,000 Ampere Interrupting Capacity	63.36	14.09
16350-0026	EA	225 Fuse Amp, 200,000 Ampere Interrupting Capacity	197.42	14.09
16350-0027	EA	250 Fuse Amp, 200,000 Ampere Interrupting Capacity	197.42	14.09
16350-0028	EA	300 Fuse Amp, 200,000 Ampere Interrupting Capacity	222.12	14.09
16350-0029	EA	350 Fuse Amp, 200,000 Ampere Interrupting Capacity	222.12	14.09
16350-0030	EA	400 Fuse Amp, 200,000 Ampere Interrupting Capacity	200.94	15.85
16350-0031	EA	450 Fuse Amp, 200,000 Ampere Interrupting Capacity	291.48	15.85
16350-0032	EA	500 Fuse Amp, 200,000 Ampere Interrupting Capacity	295.00	17.62
16350-0033	EA	600 Fuse Amp, 200,000 Ampere Interrupting Capacity	261.94	17.62

16350-0034 Bolted, 600 VAC Fusible Main Secondary Switch Over 601 Amps (16350-0001)

Note: 200,000 Ampere interrupting capacity

16350-0035	EA	601 Fuse Amp, 200,000 Ampere Interrupting Capacity	438.21	17.62
16350-0036	EA	650 Fuse Amp, 200,000 Ampere Interrupting Capacity	510.45	17.62
16350-0037	EA	700 Fuse Amp, 200,000 Ampere Interrupting Capacity	441.68	19.37
16350-0038	EA	800 Fuse Amp, 200,000 Ampere Interrupting Capacity	403.53	19.37
16350-0039	EA	1000 Fuse Amp, 200,000 Ampere Interrupting Capacity	407.05	21.14
16350-0040	EA	1200 Fuse Amp, 200,000 Ampere Interrupting Capacity	410.57	22.89
16350-0041	EA	1500 Fuse Amp, 200,000 Ampere Interrupting Capacity	668.79	24.65
16350-0042	EA	1600 Fuse Amp, 200,000 Ampere Interrupting Capacity	524.91	24.65
16350-0043	EA	1800 Fuse Amp, 200,000 Ampere Interrupting Capacity	868.92	25.71
16350-0044	EA	2000 Fuse Amp, 200,000 Ampere Interrupting Capacity	691.93	26.42
16350-0045	EA	2500 Fuse Amp, 200,000 Ampere Interrupting Capacity	902.91	28.17
16350-0046	EA	3000 Fuse Amp, 200,000 Ampere Interrupting Capacity	1,035.78	29.94
16350-0047	EA	4000 Fuse Amp, 200,000 Ampere Interrupting Capacity	1,489.83	31.70

16350-0048 Bolted, 600 VAC Fusible Main Secondary Switch Over 601 Amps (16350-0001)

Note: 300,000 Ampere interrupting capacity

16350-0049	EA	601 Fuse Amp, 300,000 Ampere Interrupting Capacity	564.28	17.62
16350-0050	EA	650 Fuse Amp, 300,000 Ampere Interrupting Capacity	653.96	17.62
16350-0051	EA	700 Fuse Amp, 300,000 Ampere Interrupting Capacity	567.75	19.37
16350-0052	EA	750 Fuse Amp, 300,000 Ampere Interrupting Capacity	657.49	19.37
16350-0053	EA	800 Fuse Amp, 300,000 Ampere Interrupting Capacity	486.73	19.37
16350-0054	EA	900 Fuse Amp, 300,000 Ampere Interrupting Capacity	657.49	19.37
16350-0055	EA	1000 Fuse Amp, 300,000 Ampere Interrupting Capacity	490.25	21.14
16350-0056	EA	1200 Fuse Amp, 300,000 Ampere Interrupting Capacity	493.77	22.89
16350-0057	EA	1350 Fuse Amp, 300,000 Ampere Interrupting Capacity	850.92	22.89
16350-0058	EA	1400 Fuse Amp, 300,000 Ampere Interrupting Capacity	850.92	22.89
16350-0059	EA	1500 Fuse Amp, 300,000 Ampere Interrupting Capacity	854.45	24.65
16350-0060	EA	1600 Fuse Amp, 300,000 Ampere Interrupting Capacity	633.55	24.65
16350-0061	EA	1800 Fuse Amp, 300,000 Ampere Interrupting Capacity	1,113.81	25.71
16350-0062	EA	2000 Fuse Amp, 300,000 Ampere Interrupting Capacity	965.51	26.42
16350-0063	EA	2500 Fuse Amp, 300,000 Ampere Interrupting Capacity	1,265.51	28.17
16350-0064	EA	3000 Fuse Amp, 300,000 Ampere Interrupting Capacity	1,453.60	29.94
16350-0065	EA	3500 Fuse Amp, 300,000 Ampere Interrupting Capacity	2,247.10	29.94
16350-0066	EA	3800 Fuse Amp, 300,000 Ampere Interrupting Capacity	3,127.80	29.94
16350-0067	EA	4000 Fuse Amp, 300,000 Ampere Interrupting Capacity	1,942.52	31.70
16350-0068	EA	4500 Fuse Amp, 300,000 Ampere Interrupting Capacity	3,131.32	31.70
16350-0069	EA	5000 Fuse Amp, 300,000 Ampere Interrupting Capacity	2,540.44	33.46
16350-0070	EA	6000 Fuse Amp, 300,000 Ampere Interrupting Capacity	3,123.22	33.46

16400 Service And Distribution (16000)

16411 Underground Service (16400)

Note: Underground utilities and conduits include warning tape.

16411-0001 Electrical Handholes And Pull Boxes (16411)

16411-0002 Electrical Pull Boxes (16411-0001)

See CSI section 02585-0426 for handholes.

16411-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,192.31	
16411-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	1,415.78	
16411-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	1,628.28	
16411-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	2,473.14	
16411-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	2,624.81	
16411-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,816.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16411-0009 EA 48" x 60" x 48", Electric Pull Boxes, Precast Concrete	3,235.53	
16411-0010 Electrical Property Line Boxes <small>(16411)</small>		
16411-0011 EA 3'-6" x 2'-9" x 2' Deep Property Line Box	2,203.83	269.01
16411-0012 EA 4'-6" x 3'-6" x 4' Deep Property Line Box	2,563.98	278.97
16411-0013 EA 6' x 4' x 5' Deep Property Line Box	2,836.05	338.75
16411-0014 EA 11'-6" x 4'-6" x 6' Deep Property Line Box	4,328.00	498.16
16411-0015 Underground Electrical Concrete Markers <small>(16411)</small>		
16411-0016 EA 36" x 6" x 6", Underground Electric Concrete Marker	211.77	
16411-0017 Manhole Accessories <small>(16411)</small>		
16411-0018 EA 6" Precast Grade Ring Riser Casting.....	297.74	
16411-0019 EA 12" Precast Grade Ring Riser Casting.....	322.42	
16411-0020 EA 36" Opening Cast Iron Frame And Cover NEENAH #R-1640-D.....	1,103.20	
16411-0021 EA 42" Opening Cast Iron Frame And Cover NEENAH #R-1740-E1	1,436.69	
16411-0022 EA Cast Iron Adjusting Ring NEENAH #R-1979.....	478.83	
16411-0023 EA Cast Iron Frame And Cover NEENAH #R-1640-B.....	603.60	
16430 Metering <small>(16400)</small>		
16430-0001 Revenue Metering <small>(16430)</small>		
16430-0002 Meter Socket Base <small>(16430-0001)</small>		
16430-0003 EA 100 A, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass, Exposed On Wood	152.90	45.79
16430-0004 EA 100 A, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass, Exposed On Wood	161.68	45.79
16430-0005 EA 200 A, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass, Exposed On Wood	209.28	56.36
16430-0006 EA 200 A, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass, Exposed On Wood	211.78	56.36
16430-0007 EA 200 A, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release, Exposed On Wood	400.95	63.40
16430-0008 EA 320 A, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release, Exposed On Wood	530.62	70.45
16430-0009 EA 400 A, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release, Exposed On Wood	1,293.17	77.49
16430-0010 EA Combination Motor And Current Transformer Cabinet, 15-30 A, 13 Terminal, Underground, With Test Switch And Transformer - Socket Base.....	1,533.77	352.23
16430-0011 Meter Device <small>(16430-0001)</small>		
Note: Direct read, with 15 minute demand		
16430-0012 EA 100 A To 200A, 120 V Or 240 V, 1 Phase, KWH Meter.....	147.06	14.09
16430-0013 EA 200 A, 120 V Or 240 V, 3 Phase, KWH Meter	409.41	14.11
16430-0014 Current Transformer Enclosure <small>(16430-0001)</small>		
16430-0015 EA Current Transformer Cover, Screwed, 18" x 24" x 9", NEMA 3R	318.52	91.58
16430-0016 Other Metering <small>(16430)</small>		
16430-0017 120/240 Volt Meter Center And Main Breaker, Indoor Housing <small>(16430-0016)</small>		
16430-0018 800A Bus, 4 Jaw Sockets, 125A Max., 2 Pole <small>(16430-0017)</small>		
16430-0019 EA 3 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max.....	570.95	44.03
16430-0020 EA 4 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max.....	750.47	52.84
16430-0021 EA 5 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max.....	929.03	61.64
16430-0022 EA 6 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max.....	1,076.37	70.45
16430-0023 EA 7 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max.....	1,398.87	79.25
16430-0024 EA 8 Meters And Main, 120/240 V, 800 A Bus, 4 Jaw Sockets, 125A Max.....	1,511.15	88.06
16430-0025 EA 10 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 125A Max.....	1,764.16	105.67
16430-0026 1200A Bus, 4 Jaw Sockets, 200A Max., 2 Pole <small>(16430-0017)</small>		
16430-0027 EA 3 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max.....	1,044.37	44.03
16430-0028 EA 4 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max.....	1,374.43	52.84
16430-0029 EA 6 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max.....	1,892.55	70.45
16430-0030 EA 7 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max.....	2,099.53	79.25
16430-0031 EA 8 Meters And Main, 120/240 V, 1200A Bus, 4 Jaw Sockets, 200A Max.....	2,637.89	88.06
16430-0032 800A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole <small>(16430-0017)</small>		
16430-0033 EA 3 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	873.17	61.64
16430-0034 EA 4 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	1,144.54	70.45
16430-0035 EA 5 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	1,398.87	79.25
16430-0036 EA 6 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	1,643.71	88.06
16430-0037 EA 7 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	2,068.46	96.87
16430-0038 EA 8 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	2,171.30	105.67
16430-0039 EA 10 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC.....	2,689.40	123.28



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16430-0040		1200A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole <small>(16430-0017)</small>		
16430-0041	EA	3 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,344.69	61.64
16430-0042	EA	4 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,759.98	70.45
16430-0043	EA	6 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,476.93	88.06
16430-0044	EA	7 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,655.50	96.87
16430-0045	EA	8 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	3,392.69	105.67
16430-0046		120/208 Volt Meter Center And Main Breaker, Indoor Housing <small>(16430-0016)</small>		
16430-0047		800A Bus, 5 Jaw Sockets, 125A Max., 2 Pole <small>(16430-0046)</small>		
16430-0048	EA	3 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	622.64	52.84
16430-0049	EA	4 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	812.57	61.64
16430-0050	EA	5 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,001.57	70.45
16430-0051	EA	6 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,162.16	79.25
16430-0052	EA	7 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,425.94	88.06
16430-0053	EA	8 Meters And Main, 120/208 V, 800 A Bus, 5 Jaw Sockets, 125A Max	1,538.23	96.87
16430-0054	EA	10 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 125A Max	1,895.39	114.47
16430-0055		1200A Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole <small>(16430-0046)</small>		
16430-0056	EA	3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,099.85	52.84
16430-0057	EA	4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,448.85	61.64
16430-0058	EA	6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,090.06	79.25
16430-0059	EA	7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,297.03	88.06
16430-0060	EA	8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,778.62	96.87
16430-0061		800A Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole <small>(16430-0046)</small>		
16430-0062	EA	3 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	924.88	70.45
16430-0063	EA	4 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,200.04	79.25
16430-0064	EA	5 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,482.77	88.06
16430-0065	EA	6 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,727.63	96.87
16430-0066	EA	7 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,171.32	105.67
16430-0067	EA	8 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,274.13	114.47
16430-0068	EA	10 Meters And Main, 120/208V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,830.13	132.09
16430-0069		1200A Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole <small>(16430-0046)</small>		
16430-0070	EA	3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,409.66	70.45
16430-0071	EA	4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,853.36	79.25
16430-0072	EA	6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,655.53	96.87
16430-0073	EA	7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,777.28	105.67
16430-0074	EA	8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	3,523.96	114.47
16430-0075		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(16430-0016)</small>		
16430-0076		800A Bus, 4 Jaw Sockets, 10000 AIC, 2 Pole <small>(16430-0075)</small>		
16430-0077	EA	3 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	570.95	44.03
16430-0078	EA	4 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	750.47	52.84
16430-0079	EA	6 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	1,076.37	70.45
16430-0080	EA	7 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	1,398.87	79.25
16430-0081	EA	8 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 10000 AIC	1,728.92	88.06
16430-0082		1200A Bus, 4 Jaw Sockets, 10000 AIC, 2 Pole <small>(16430-0075)</small>		
16430-0083	EA	3 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	1,044.37	44.03
16430-0084	EA	4 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	1,374.43	52.84
16430-0085	EA	6 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	1,987.22	70.45
16430-0086	EA	7 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	2,194.21	79.25
16430-0087	EA	8 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 10000 AIC	2,637.89	88.06
16430-0088		800A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole <small>(16430-0075)</small>		
16430-0089	EA	3 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	873.17	61.64
16430-0090	EA	4 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,144.54	70.45
16430-0091	EA	6 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	1,643.71	88.06
16430-0092	EA	7 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	2,068.46	96.87
16430-0093	EA	8 Meters And Main, 120/240 V, 800A Bus, 4 Jaw Sockets, 42000 AIC	2,171.30	105.67
16430-0094		1200A Bus, 4 Jaw Sockets, 42000 AIC, 2 Pole <small>(16430-0075)</small>		
16430-0095	EA	3 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,344.70	61.64
16430-0096	EA	4 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	1,759.98	70.45
16430-0097	EA	6 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,476.93	88.06
16430-0098	EA	7 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	2,655.50	96.87
16430-0099	EA	8 Meters And Main, 120/240V, 1200A Bus, 4 Jaw Sockets, 42000 AIC	3,392.72	105.67



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16430-0100 120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(16430-0016)</small>		
16430-0101 800A Bus, 5 Jaw Sockets, 10000 AIC, 2 Pole <small>(16430-0100)</small>		
16430-0102 EA 3 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	622.64	52.84
16430-0103 EA 4 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	812.57	61.64
16430-0104 EA 6 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	1,162.16	79.25
16430-0105 EA 7 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	1,520.62	88.06
16430-0106 EA 8 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 10000 AIC	1,727.60	96.87
16430-0107 1200A Bus, 5 Jaw Sockets, 10000 AIC, 2 Pole <small>(16430-0100)</small>		
16430-0108 EA 3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,099.85	52.84
16430-0109 EA 4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,448.84	61.64
16430-0110 EA 6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	1,995.37	79.25
16430-0111 EA 7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,202.34	88.06
16430-0112 EA 8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 10000 AIC	2,778.59	96.87
16430-0113 800A Bus, 5 Jaw Sockets, 42000 AIC, 2 Pole <small>(16430-0100)</small>		
16430-0114 EA 3 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	924.87	70.45
16430-0115 EA 4 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,200.03	79.25
16430-0116 EA 6 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	1,727.60	96.87
16430-0117 EA 7 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,171.30	105.67
16430-0118 EA 8 Meters And Main, 120/208 V, 800A Bus, 5 Jaw Sockets, 42000 AIC	2,274.13	114.47
16430-0119 1200A Bus, 5 Jaw Sockets, 42000 AIC, 2 Pole <small>(16430-0100)</small>		
16430-0120 EA 3 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,409.65	70.45
16430-0121 EA 4 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	1,853.35	79.25
16430-0122 EA 6 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,655.50	96.87
16430-0123 EA 7 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	2,777.28	105.67
16430-0124 EA 8 Meters And Main, 120/208V, 1200A Bus, 5 Jaw Sockets, 42000 AIC	3,523.96	114.47
16430-0125 Watt/Hour Meters <small>(16430)</small>		
16430-0126 EA Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	612.22	42.27
16430-0127 EA Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	1,848.85	84.53
16430-0128 EA Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	986.94	63.40
16430-0129 EA Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	1,203.18	63.40
16430-0130 EA Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,018.71	63.40
16430-0131 EA C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	687.62	58.47
16430-0132 EA P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,176.51	105.67
16430-0133 Watt/Hour Meter Systems <small>(16430)</small>		
Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
16430-0134 Watt/Hour Meter System Without Main Breaker <small>(16430-0133)</small>		
16430-0135 EA 400 Amp System; 200 Amp M-90 Meter And Enclosure	3,040.56	422.74
16430-0136 EA 600-800 Amp System; 200 Amp M-90 Meter And Enclosure	3,550.88	422.74
16430-0137 Watt/Hour Meter System With Main Breaker <small>(16430-0133)</small>		
16430-0138 EA 400 Amp System; 400 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	5,281.14	422.74
16430-0139 EA 600 Amp System; 600 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	6,393.94	422.74
16430-0140 EA 800 Amp System; 800 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	6,865.87	422.74
16452 Ground Rods <small>(16400)</small>		
16452-0001 Copper-Clad Ground Rods <small>(16452)</small>		
16452-0002 EA 1/2" Diameter x 8' Long Copper-Clad Ground Rods	65.00	52.84
16452-0003 EA 5/8" Diameter x 8' Long Copper-Clad Ground Rods	68.43	52.84
16452-0004 EA 3/4" Diameter x 8' Long Copper-Clad Ground Rods	82.28	52.84
16452-0005 EA 1/2" Diameter x 10' Long Copper-Clad Ground Rods	76.85	52.84
16452-0006 EA 5/8" Diameter x 10' Long Copper-Clad Ground Rods	81.14	52.84
16452-0007 EA 3/4" Diameter x 10' Long Copper-Clad Ground Rods	98.45	52.84
16452-0008 Copper Grounding Shaft <small>(16452)</small>		
16452-0009 EA 2-1/8" Diameter x 10' Long Copper Grounding Shaft	259.81	52.84
16452-0010 EA 2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	326.49	52.84
16452-0011 EA 2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	522.91	52.84
16452-0012 Ground Access Wells <small>(16452)</small>		
16452-0013 Precast Ground Access Wells <small>(16452-0012)</small>		

16000 Electrical
16400 Service And Distribution
16452 Ground Rods



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16452-0014 EA 8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate	148.93	
16452-0015 EA 10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate	155.46	
16452-0016 EA 12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate	418.39	
16452-0017 EA 18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate	424.92	
16452-0018 Polymer Concrete Ground Access Well (16452-0012)		
16452-0019 EA 12" x 12" x 12" Polymer Concrete Ground Access Well.....	266.30	
16452-0020 EA 12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	291.13	
16452-0021 EA 12" x 12" x 18" Polymer Concrete Ground Access Well.....	292.76	
16452-0022 EA 12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	320.03	
16452-0023 EA 12" x 12" x 24" Polymer Concrete Ground Access Well.....	320.20	
16452-0024 EA 12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	350.16	
16452-0025 EA 13" x 24" x 18" Polymer Concrete Ground Access Well.....	423.42	
16452-0026 EA 13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	464.11	
16452-0027 HDPE Ground Access Well (16452-0012)		
16452-0028 EA 9" Diameter x 10" Deep HDPE Ground Access Well Note: With cover	102.68	
16452-0029 EA 14" Diameter x 18" Deep HDPE Ground Access Well Note: With cover	141.65	
16453 Ground Rod Clamps And Fittings (16400)		
16453-0001 Ground Rod Clamps (16453)		
16453-0002 EA 1/2" Ground Rod Clamp	15.43	7.96
16453-0003 EA 5/8" Ground Rod Clamp	16.30	7.96
16453-0004 EA 3/4" Ground Rod Clamp	17.52	7.96
16453-0005 Bronze Pipe Clamps (16453)		
16453-0006 EA 1/2" To 1" Bronze Pipe Ground Clamps.....	19.80	13.24
16453-0007 EA 1-1/4" To 2" Bronze Ground Clamps For Pipe	25.97	15.85
16453-0008 EA 2-1/2" To 3" Bronze Ground Clamps For Pipe	42.77	18.53
16453-0009 EA 2-1/2" To 4" Bronze Ground Clamps For Pipe	51.37	23.81
16453-0010 EA 4" To 6" Bronze Ground Clamps For Pipe	80.32	34.38
16453-0011 Grounding Fittings (16453)		
16453-0012 Embedded Fittings (16453-0011)		
16453-0013 EA Ground Insert With 2 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded.....	104.10	
16453-0014 EA Ground Insert With 4 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded.....	111.94	
16453-0015 EA Ground Insert With 4 - 3/8 x 16 Holes 250-500 MCM Cable Range, Embedded.....	125.84	
16453-0016 EA Grounding Wire Splice, Copper To Aluminum, #8 - 1 AWG.....	94.88	
16453-0017 EA Grounding Wire Splice, Copper To Aluminum, 1/0 - 3/0 AWG.....	113.62	
16453-0018 EA Grounding Wire Splice, Copper To Aluminum, 4/0 - 300 MCM.....	133.49	
16453-0019 EA Grounding Wire Splice, Copper To Aluminum, 350 MCM And Up.....	150.99	
16453-0020 Ground Rod Receptacle (16453-0011)		
16453-0021 EA 1/2" Ground Rod Receptacle	226.35	73.26
16453-0022 EA 5/8" Ground Rod Receptacle	237.48	75.33
16453-0023 EA 3/4" Ground Rod Receptacle	248.81	77.37
16453-0024 Ground Kits For Circuit Breaker Panels (16453-0011)		
16453-0025 EA 14-8 AWG Copper Ground Kit	49.99	17.62
16453-0026 EA 12-8 AWG Aluminum Ground Kit	41.85	17.62
16453-0027 EA 14-4 AWG Copper Ground Kit	56.58	17.62
16453-0028 EA 12-4 AWG Aluminum Ground Kit	46.49	17.62
16453-0029 Insulated Grounding Bars (16453)		
16453-0030 EA Insulated Ground Bar 1/2" x 4" x 10".....	221.63	17.69
16453-0031 EA Insulated Ground Bar SK 9560 1/2" x 4" x 20".....	234.36	17.69
16454 Ground Conductor Bonding (16400)		
16454-0001 Ground Conductor Bonding (16454)		
16454-0002 Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld (16454-0001)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16454-0003 EA Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	87.96	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0004 EA #4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	95.00	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0005 EA 1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	102.04	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0006 EA 250 To 1000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	144.31	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0007 Tee, Wye Or Cross Cadweld (16454-0001)		
16454-0008 EA Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross.....	98.52	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0009 EA #4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross.....	112.61	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0010 EA 1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross.....	137.27	
Note: Includes molds, materials and all necessary tools to make connections.		
16454-0011 EA 250 To 1000 MCM AWG Cadweld Connection For Tee, Wye Or Cross.....	165.44	
Note: Includes molds, materials and all necessary tools to make connections.		
16456 Grounding Equipment (16400)		
16456-0001 Special Grounding Equipment (16456)		
16456-0002 Ground Reels And Ground Bus (16456-0001)		
16456-0003 EA Ground Reel With 50' Of Galvanized Steel Cable.....	560.08	
16456-0004 Copper Bars (16456-0001)		
16456-0005 LF 1/4" x 2" Copper Bar.....	31.66	
16456-0006 Phenolic Insulators (16456-0001)		
16456-0007 EA 2" x 2" x 1" Long Phenolic Insulators.....	20.00	
16456-0008 Grounding Studs (16456-0001)		
16456-0009 EA Ball Grounding Stud.....	28.75	
16456-0010 Equipment Ground Bar Kits (16456-0001)		
16456-0011 EA Switch Rating 30 Ground Bar Kit.....	22.95	
16456-0012 EA Switch Rating 60 Ground Bar Kit.....	30.09	
16456-0013 EA Switch Rating 100 Ground Bar Kit.....	35.20	
16456-0014 EA Switch Rating 200 Ground Bar Kit.....	63.94	
16456-0015 Panelboard Ground Bar Kits (16456-0001)		
16456-0016 EA Panelboard Ground Bar Kit.....	96.68	5.28
16456-0017 Circuit Breaker Ground Bar Kits (16456-0001)		
16456-0018 EA 3 Circuit, Ground Bar Kit.....	19.43	3.17
16456-0019 EA 4 Circuit, Ground Bar Kit.....	19.02	3.17
16456-0020 EA 7 Circuit, Ground Bar Kit.....	19.70	3.17
16456-0021 EA 12 Circuit, Ground Bar Kit.....	22.33	3.59
16456-0022 EA 20 Circuit, Ground Bar Kit.....	25.52	4.01
16456-0023 EA 24 Circuit, Ground Bar Kit.....	28.15	4.44
16456-0024 EA 30 Circuit, Ground Bar Kit.....	31.35	5.07
16456-0025 EA 54 Circuit, Ground Bar Kit.....	36.21	5.92
16456-0026 EA 24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	41.92	4.44
16456-0027 EA 30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	46.21	5.07
16456-0028 EA 54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	51.21	5.92
16470 Distribution Switchboards (16400)		
Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.		
16470-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire (16470)		
16470-0002 Incoming Service Section Main Device Only (16470-0001)		
Note: Copper bus, non-metering type, with fuses.		
16470-0003 EA 400 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire.....	2,921.02	616.19
16470-0004 EA 600 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire.....	3,254.47	651.77
16470-0005 EA 800 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire.....	5,483.41	739.33
16470-0006 EA 1200 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire.....	5,909.54	792.59
16470-0007 EA 1600 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire.....	9,790.98	845.06
16470-0008 EA 2000 Amp Distribution Switchboard With Main Switch, 240 V, 3 Phase, 4 Wire.....	10,950.93	898.54

16000 Electrical
16400 Service And Distribution
16470 Distribution Switchboards



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16470-0009	EA	400 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	3,630.48	616.19
16470-0010	EA	600 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	4,749.65	651.77
16470-0011	EA	800 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	6,742.59	739.96
16470-0012	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	9,381.99	792.59
16470-0013	EA	1600 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	9,790.98	845.92
16470-0014	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	10,950.93	898.54
16470-0015	EA	2500 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	13,264.77	939.39
16470-0016	EA	3000 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	15,073.38	1,006.39
16470-0017	EA	4000 Amp Distribution Switchboard With MC Main Breaker, 240 V, 3 Phase, 4 Wire	17,870.58	1,084.87
16470-0018	EA	400 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	1,889.68	545.96
16470-0019	EA	600 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,105.55	581.25
16470-0020	EA	800 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,409.18	669.09
16470-0021	EA	1000 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,612.29	697.21
16470-0022	EA	1200 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	2,797.71	722.35
16470-0023	EA	1600 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	3,078.90	774.48
16470-0024	EA	2000 Amp Distribution Switchboard With Main Lug, 240 V, 3 Phase, 4 Wire	3,332.19	827.60
16470-0025		Fusible Branch Circuit Switch <small>(16470-0001)</small>		
		Note: Includes switch fuses, and portion of distribution section occupied by that branch device.		
16470-0026		Twin Branch Switch Units <small>(16470-0025)</small>		
16470-0027	EA	30/30 Amp Twin Branch Switch Unit, 240 V, 3 Pole	505.99	62.34
16470-0028	EA	30/60 Amp Twin Branch Switch Unit, 240 V, 3 Pole	505.99	62.34
16470-0029	EA	60/60 Amp Twin Branch Switch Unit, 240 V, 3 Pole	505.99	62.34
16470-0030	EA	60/100 Amp Twin Branch Switch Unit, 240 V, 3 Pole	739.67	83.48
16470-0031	EA	100/100 Amp Twin Branch Switch Unit, 240 V, 3 Pole	739.67	83.48
16470-0032	EA	200/200 Amp Twin Branch Switch Unit, 240 V, 3 Pole	972.30	109.19
16470-0033		Single Branch Switch Units <small>(16470-0025)</small>		
16470-0034	EA	100 Amp Single Branch Switch Unit, 240 V, 3 Pole	443.46	61.29
16470-0035	EA	200 Amp Single Branch Switch Unit, 240 V, 3 Pole	862.23	61.29
16470-0036	EA	400 Amp Single Branch Switch Unit, 240 V, 3 Pole	1,940.53	163.64
16470-0037	EA	600 Amp Single Branch Switch Unit, 240 V, 3 Pole	2,524.66	209.64
16470-0038	EA	800 Amp Single Branch Switch Unit, 240 V, 3 Pole	4,278.01	284.04
16470-0039		Branch Breaker Units <small>(16470-0001)</small>		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
16470-0040	EA	15-60 Amp MC Branch Breaker, 240 V.....	273.22	21.49
16470-0041	EA	70-100 Amp MC Branch Breaker, 240 V.....	398.61	33.81
16470-0042	EA	125-225 Amp MC Branch Breaker, 240 V.....	1,091.75	61.64
16470-0043	EA	100-400 Amp MC Branch Breaker, 240 V.....	1,959.43	80.31
16470-0044	EA	300-600 Amp MC Branch Breaker, 240 V.....	3,450.99	197.25
16470-0045	EA	400-800 Amp MC Branch Breaker, 240 V.....	5,611.01	197.25
16470-0046	EA	600-1200 Amp MC Branch Breaker, 240 V.....	9,074.04	351.53
16470-0047		Fusible Switch Type 480 Volt, 3 Phase, 3 Wire <small>(16470)</small>		
16470-0048		Incoming Service Section Main Device Only <small>(16470-0047)</small>		
		Note: Copper bus, non-metering type, with fuses		
16470-0049	EA	400 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire.....	4,155.91	799.56
16470-0050	EA	600 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire.....	4,672.74	799.56
16470-0051	EA	800 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire.....	7,165.13	1,039.08
16470-0052	EA	1200 Amp Distribution Switchboard With Main Switch, 480 V, 3 Phase, 3 Wire.....	8,163.43	1,039.08
16470-0053		Fusible Branch Circuit Switch <small>(16470-0047)</small>		
		Note: Includes switch, fuses, and portion of distribution section occupied by that branch device		
16470-0054		Twin Branch Switch Units <small>(16470-0053)</small>		
16470-0055	EA	30/30 Amp Twin Branch Switch Unit, 480 V, 3 Pole	540.09	62.34
16470-0056	EA	60/60 Amp Twin Branch Switch Unit, 480 V, 3 Pole	540.11	62.34
16470-0057	EA	100/100 Amp Twin Branch Switch Unit, 480 V, 3 Pole	837.70	83.48
16470-0058		Single Branch Switch Units <small>(16470-0053)</small>		
16470-0059	EA	100 Amp Single Branch Switch Unit, 480 V, 3 Pole	457.92	61.29
16470-0060	EA	200 Amp Single Branch Switch Unit, 480 V, 3 Pole	880.24	61.29
16470-0061	EA	400 Amp Single Branch Switch Unit, 480 V, 3 Pole	2,098.25	163.79
16470-0062	EA	600 Amp Single Branch Switch Unit, 480 V, 3 Pole	2,518.24	209.57
16470-0063	EA	800 Amp Single Branch Switch Unit, 480 V, 3 Pole	5,042.56	283.90
16470-0064	EA	1200 Amp Single Branch Switch Unit, 480 V, 3 Pole.....	5,766.63	352.23
16470-0065		Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire <small>(16470)</small>		
16470-0066		Incoming Service Section Main Device Only <small>(16470-0065)</small>		
		Note: Copper bus, non-metering type, with fuses		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16470-0067	EA	200/400 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire.....	2,634.51	545.96
16470-0068	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire.....	2,952.66	581.25
16470-0069	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire.....	4,684.06	669.09
16470-0070	EA	1200 Amp Distribution Switchboard With Main Switch, 120 / 240 V, 1 Phase, 3 Wire.....	5,093.01	721.79
16470-0071	EA	200/400 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	3,307.99	545.96
16470-0072	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	4,256.44	581.25
16470-0073	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	6,082.82	669.09
16470-0074	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	8,907.94	721.79
16470-0075	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 V, 1 Phase, 3 Wire	10,484.78	810.12
16470-0076	EA	200/400 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	1,776.96	475.44
16470-0077	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,007.30	510.80
16470-0078	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,357.12	598.65
16470-0079	EA	1000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,550.07	626.76
16470-0080	EA	1200 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,738.32	651.77
16470-0081	EA	1600 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	2,978.81	697.21
16470-0082	EA	2000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	3,215.65	739.33
16470-0083	EA	2500 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	3,993.43	915.79
16470-0084	EA	3000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	4,484.75	1,003.85
16470-0085	EA	4000 Amp Distribution Switchboard With Main Lug, 120 / 240 V, 1 Phase, 3 Wire	5,348.15	1,083.10
16470-0086		Fusible Branch Circuit Switch (16470-0085)		
		Note: Includes switch, fuses, and portion of distribution section occupied by that branch device		
16470-0087		Twin Branch Switch Units, 240 V 2 Pole (16470-0086)		
16470-0088	EA	30/30 Amp Twin Branch Switch Unit, 240 V, 2 Pole	417.12	55.30
16470-0089	EA	30/60 Amp Twin Branch Switch Unit, 240 V, 2 Pole	417.12	55.30
16470-0090	EA	60/60 Amp Twin Branch Switch Unit, 240 V, 2 Pole	417.12	55.30
16470-0091	EA	60/100 Amp Twin Branch Switch Unit, 240 V, 2 Pole	649.49	72.91
16470-0092	EA	100/100 Amp Twin Branch Switch Unit, 240 V, 2 Pole	649.49	72.91
16470-0093	EA	200/200 Amp Twin Branch Switch Unit, 240 V, 2 Pole	972.44	109.19
16470-0094		Single Branch Switch Units, 240 V 2 Pole (16470-0086)		
16470-0095	EA	100 Amp Single Branch Switch Unit, 240 V, 2 Pole.....	386.23	54.24
16470-0096	EA	200 Amp Single Branch Switch Unit, 240 V, 2 Pole.....	695.62	54.24
16470-0097	EA	400 Amp Single Branch Switch Unit, 240 V, 2 Pole.....	1,527.06	146.17
16470-0098	EA	600 Amp Single Branch Switch Unit, 240 V, 2 Pole.....	2,082.03	191.97
16470-0099	EA	800 Amp Single Branch Switch Unit, 240 V, 2 Pole.....	3,482.66	249.03
16470-0100		Branch Breaker Units (16470-0085)		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
16470-0101	EA	15-60 Amp MC Branch Breaker, 120 / 240 V.....	141.82	18.67
16470-0102	EA	70-100 Amp MC Branch Breaker, 120 / 240 V.....	224.32	30.99
16470-0103	EA	125-225 Amp MC Branch Breaker, 120 / 240 V.....	719.83	43.32
16470-0104	EA	100-400 Amp MC Branch Breaker, 120 / 240 V.....	2,118.78	55.66
16470-0105	EA	300-600 Amp MC Branch Breaker, 120 / 240 V.....	3,303.28	135.61
16470-0106	EA	400-800 Amp MC Branch Breaker, 120 / 240 V.....	4,736.58	135.61
16470-0107	EA	600-1200 Amp MC Branch Breaker, 120 / 240 V.....	7,785.06	258.89
16470-0108		Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire (16470)		
16470-0109		Incoming Service Section Main Device Only (16470-0108)		
		Note: Copper bus, non-metering type, with fuses		
16470-0110	EA	400 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire.....	2,921.88	616.19
16470-0111	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire.....	3,253.50	651.77
16470-0112	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire.....	5,482.16	739.33
16470-0113	EA	1200 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire.....	5,908.11	792.59
16470-0114	EA	1600 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire.....	9,787.73	845.06
16470-0115	EA	2000 Amp Distribution Switchboard With Main Switch, 120 / 208 V, 3 Phase, 4 Wire.....	10,950.93	898.54
16470-0116	EA	400 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	3,631.34	616.19
16470-0117	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	4,748.68	651.77
16470-0118	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	6,742.59	739.96
16470-0119	EA	1200 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	9,380.56	792.59
16470-0120	EA	1600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	9,789.35	845.92
16470-0121	EA	2000 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 V, 3 Phase, 4 Wire	10,950.93	898.54
16470-0122	EA	400 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,002.76	545.96
16470-0123	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,260.47	581.25
16470-0124	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,642.03	669.09
16470-0125	EA	1000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	2,859.37	697.21
16470-0126	EA	1200 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	3,070.87	722.35
16470-0127	EA	1600 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	3,340.56	774.48
16470-0128	EA	2000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	3,613.77	827.60
16470-0129	EA	2500 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	4,320.24	940.46
16470-0130	EA	3000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	4,805.30	1,006.32
16470-0131	EA	4000 Amp Distribution Switchboard With Main Lug, 120 / 208 V, 3 Phase, 4 Wire	5,751.48	1,081.35



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

16470-0132	Fusible Branch Circuit Switch <small>(16470-0108)</small>		
	Note: Includes switch, fuses, and portion of distribution section occupied by that branch device		
16470-0133	Twin Branch Switch Units, 120/208V 3 Pole <small>(16470-0132)</small>		
16470-0134	EA 30/30 Amp Twin Branch Switch Unit, 120/208 V, 3 Pole	505.99	62.34
16470-0135	EA 30/60 Amp Twin Branch Switch Unit, 120/208 V, 3 Pole	505.99	62.34
16470-0136	EA 60/60 Amp Twin Branch Switch Unit, 120/208 V, 3 Pole	505.99	62.34
16470-0137	EA 60/100 Amp Twin Branch Switch Unit, 120/208 V, 3 Pole	739.67	83.48
16470-0138	EA 100/100 Amp Twin Branch Switch Unit, 120/208 V, 3 Pole	739.67	83.48
16470-0139	Single Branch Switch Units, 120/208V 3 Pole <small>(16470-0132)</small>		
16470-0140	EA 100 Amp Single Branch Switch Unit, 120/208 V, 3 Pole	443.46	61.29
16470-0141	EA 200 Amp Single Branch Switch Unit, 120/208 V, 3 Pole	862.22	61.29
16470-0142	EA 400 Amp Single Branch Switch Unit, 120/208 V, 3 Pole	1,940.53	163.64
16470-0143	EA 600 Amp Single Branch Switch Unit, 120/208 V, 3 Pole	2,524.66	209.64
16470-0144	EA 800 Amp Single Branch Switch Unit, 120/208 V, 3 Pole	4,278.01	284.04
16470-0145	Branch Breaker Units <small>(16470-0108)</small>		
	Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
16470-0146	EA 15-60 Amp MC Branch Breaker, 120/208 V	273.22	21.49
16470-0147	EA 70-100 Amp MC Branch Breaker, 120/208 V	398.61	33.81
16470-0148	EA 125-225 Amp MC Branch Breaker, 120/208 V	1,091.75	61.64
16470-0149	EA 100-400 Amp MC Branch Breaker, 120/208 V	1,959.43	80.31
16470-0150	EA 300-600 Amp MC Branch Breaker, 120/208 V	3,450.99	197.25
16470-0151	EA 400-800 Amp MC Branch Breaker, 120/208 V	5,611.01	197.25
16470-0152	EA 600-1200 Amp MC Branch Breaker, 120/208 V	9,074.04	351.53
16470-0153	Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire <small>(16470)</small>		
16470-0154	Incoming Service Section Main Device Only <small>(16470-0153)</small>		
	Note: Copper bus, non-metering type, with fuses		
16470-0155	EA 400 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	3,753.77	845.06
16470-0156	EA 600 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	4,141.31	898.54
16470-0157	EA 800 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	6,091.34	1,002.94
16470-0158	EA 1200 Amp Distribution Switchboard With Main Switch, 480 / 277 V, 3 Phase, 4 Wire	6,675.00	1,073.88
16470-0159	EA 400 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	4,958.26	845.06
16470-0160	EA 600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	6,840.98	898.54
16470-0161	EA 800 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	7,761.50	1,004.06
16470-0162	EA 1200 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	9,943.10	1,073.88
16470-0163	EA 1600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	10,387.75	1,145.10
16470-0164	EA 2000 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 V, 3 Phase, 4 Wire	11,586.36	1,216.24
16470-0165	EA 400 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,002.76	545.96
16470-0166	EA 600 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,260.47	581.25
16470-0167	EA 800 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,642.03	669.09
16470-0168	EA 1000 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	2,859.37	697.21
16470-0169	EA 1200 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	3,070.87	722.35
16470-0170	EA 1600 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	3,340.56	774.48
16470-0171	EA 2000 Amp Distribution Switchboard With Main Lug, 480 / 277 V, 3 Phase, 4 Wire	3,613.77	827.60
16470-0172	Fusible Branch Circuit Switch <small>(16470-0153)</small>		
	Note: Includes switch, fuses, and portion of distribution section occupied by that branch device		
16470-0173	Twin Branch Switch Units, 480V 3 Pole <small>(16470-0172)</small>		
16470-0174	EA 30/30 Amp Twin Branch Switch Unit, 480 / 277 V, 3 Pole	595.21	62.34
16470-0175	EA 30/60 Amp Twin Branch Switch Unit, 480 / 277 V, 3 Pole	595.21	62.34
16470-0176	EA 60/60 Amp Twin Branch Switch Unit, 480 / 277 V, 3 Pole	595.21	62.34
16470-0177	EA 60/100 Amp Twin Branch Switch Unit, 480 / 277 V, 3 Pole	938.26	83.48
16470-0178	EA 100/100 Amp Twin Branch Switch Unit, 480 / 277 V, 3 Pole	938.26	83.48
16470-0179	Single Branch Switch Units, 480V 3 Pole <small>(16470-0172)</small>		
16470-0180	EA 100 Amp Single Branch Switch Unit, 480 / 277 V, 3 Pole	537.00	61.29
16470-0181	EA 200 Amp Single Branch Switch Unit, 480 / 277 V, 3 Pole	1,009.01	61.29
16470-0182	EA 400 Amp Single Branch Switch Unit, 480 / 277 V, 3 Pole	2,265.76	163.64
16470-0183	EA 600 Amp Single Branch Switch Unit, 480 / 277 V, 3 Pole	2,691.59	209.64
16470-0184	EA 800 Amp Single Branch Switch Unit, 480 / 277 V, 3 Pole	4,279.45	284.04
16470-0185	Branch Breaker Units <small>(16470-0153)</small>		
	Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
16470-0186	EA 15-60 Amp MC Branch Breaker, 480 / 277 V	582.62	21.49
16470-0187	EA 70-100 Amp MC Branch Breaker, 480 / 277 V	664.84	33.81
16470-0188	EA 125-225 Amp MC Branch Breaker, 480 / 277 V	1,205.44	61.64
16470-0189	EA 100-400 Amp MC Branch Breaker, 480 / 277 V	1,959.43	80.31
16470-0190	EA 300-600 Amp MC Branch Breaker, 480 / 277 V	4,691.45	197.25



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16470-0191	EA	400-800 Amp MC Branch Breaker, 480 / 277 V.....	4,802.26	197.25
16470-0192	EA	600-1200 Amp MC Branch Breaker, 480 / 277 V.....	7,679.59	351.53
16470-0193		Service And Distribution Structures (16470)		
16470-0194		Switchboard Sections (16470-0193)		
16470-0195	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 600 A	3,287.22	587.03
16470-0196	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 800 A	3,603.69	638.10
16470-0197	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 1200 A	4,509.43	815.34
16470-0198	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 1600 A	4,933.30	889.45
16470-0199	EA	Switchboard Incoming No Switch Circuit 480 V, 4 Wire, 2000 A	5,262.46	946.86
16470-0200	EA	Switchboard Incoming For Switch Circuit Section 480 V, 400 A	4,031.16	514.96
16470-0201	EA	Distribution Section Subfeeder Lug-Rated At 200A	2,166.67	489.18
16470-0202	EA	Distribution Section Subfeeder Lug-Rated At 400A	2,408.42	530.46
16470-0203	EA	Distribution Section Aluminum Bus 120/208 Or 277/480V, 4 Wire	2,703.35	587.03
16470-0204	EA	Switchboard Distribution Section Aluminum Bus Less Breaker 800A	2,931.78	588.57
16470-0205	EA	Switchboard Distribution Section Aluminum Bus Less Breaker 1000A	3,232.15	657.12
16470-0206	EA	Feed Section Circuit Breaker FA Frame 15 To 60A 240V 1P	115.81	35.22
16470-0207	EA	Feed Section Circuit Breaker FA Frame 70 To 100A 240V 3P	142.28	35.85
16470-0208	EA	Feed Section Circuit Breaker KA Frame 70 To 225A 480V 3P	727.61	42.34
16470-0209	EA	Feed Section Circuit Breaker LA Frame 125 To 400A 480V 3P	1,221.88	91.23
16470-0210	EA	Switchboard Feed Section Branch Circuit Breaker 240V HIC 3P 100A	471.39	127.08
16470-0211	EA	Switchboard Feed Section Branch Circuit Breaker 240V HIC 3P 225A	1,407.50	73.40
16470-0212		Switchboard, Structure Per Section Copper 480 V (16470-0193)		
16470-0213	EA	225 A Switchboard, Structure Per Section, Copper, 480 V	1,703.14	305.73
16470-0214	EA	400 A Switchboard, Structure Per Section, Copper, 480 V	2,436.81	413.45
16470-0215	EA	600 A Switchboard, Structure Per Section, Copper, 480 V	2,707.89	503.19
16470-0216	EA	800 A Switchboard, Structure Per Section, Copper, 480 V	3,369.04	704.45
16470-0217	EA	1200 A Switchboard, Structure Per Section, Copper, 480 V	4,169.82	880.57
16470-0218	EA	1600 A Switchboard, Structure Per Section, Copper, 480 V	4,654.99	880.57
16470-0219	EA	2000 A Switchboard, Structure Per Section, Copper, 480 V	5,689.43	1,174.12
16470-0220	EA	2500 A Switchboard, Structure Per Section, Copper, 480 V	6,619.72	1,174.12
16470-0221	EA	3000 A Switchboard, Structure Per Section, Copper, 480 V	7,773.01	1,397.72
16470-0222	EA	4000 A Switchboard, Structure Per Section, Copper, 480 V	9,484.82	1,397.72
16470-0223		Main Devices (16470)		
16470-0224		Power Circuit Breakers (16470-0223)		
16470-0225		DSL Breaker With Current Limiters And Amptector (16470-0224)		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated		
16470-0226	EA	50-800 A DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	6,198.92	739.68
16470-0227	EA	50-1600 A DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	11,388.21	1,232.81
16470-0228	EA	1200-3200 A DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	26,128.77	2,071.10
16470-0229	EA	4000 A DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	42,021.29	3,353.22
16470-0230	EA	Ground-Fault Trip All Power Breakers - Factory Installed	2,329.60	
16470-0231	EA	Key Interlock All Power Breakers - Factory Installed	300.86	
16470-0232	EA	Short Time Delay Selective Trip - Factory Installed	394.71	
16470-0233	EA	Shunt Trip Manually Open Breakers - Factory Installed	284.30	
16470-0234		DSL Breaker Electrical Operated And Amptector (16470-0224)		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated		
16470-0235	EA	50-800 A DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	7,320.43	774.90
16470-0236	EA	50-1600 A DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	13,697.96	1,303.25
16470-0237	EA	1200-3200 A DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	29,452.19	2,148.60
16470-0238	EA	4000 A DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	45,302.87	3,522.29
16470-0239		DS Breakers With Amptector Static Trip, Manually Operated (16470-0224)		
		Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
16470-0240	EA	50-800 A DS-206, Main Breaker With Groundfault, Amptector Static Trip	4,873.97	676.28
16470-0241	EA	50-1600 A DS-416, Main Breaker With Groundfault, Amptector Static Trip	8,991.35	1,134.18
16470-0242	EA	2000 A DS-420, Main Breaker With Groundfault, Amptector Static Trip	13,187.79	1,902.04
16470-0243	EA	1200-3200 A DS-632, Main Breaker With Groundfault, Amptector Static Trip	22,835.45	3,064.39
16470-0244	EA	4000 A DS-840, Main Breaker With Groundfault, Amptector Static Trip	37,087.15	5,001.65
16470-0245		DS Breakers With Amptector Static Trip, Electrically Operated (16470-0224)		
		Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrically operated.		
16470-0246	EA	50-800 A DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	5,851.94	648.10
16470-0247	EA	50-1600 A DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	11,007.67	1,084.87
16470-0248	EA	2000 A DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	15,498.86	1,803.41
16470-0249	EA	1200-3200 A DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	25,560.02	2,937.59
16470-0250	EA	4000 A DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	39,757.19	5,036.87



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16470-0251 Molded Case Circuit Breakers Conventional (16470-0224)		
16470-0252 EA 70-225 A 3 Pole Molded Case Circuit Breaker Conventional.....	1,882.85	591.75
16470-0253 EA 125-400 A 3 Pole Molded Case Circuit Breaker Conventional.....	2,896.14	591.75
16470-0254 EA 300-600 A 3 Pole Molded Case Circuit Breaker Conventional.....	3,217.86	704.45
16470-0255 EA 400-800 A 3 Pole Molded Case Circuit Breaker Conventional.....	3,873.12	704.45
16470-0256 EA 600-1200 A 3 Pole Molded Case Circuit Breaker Conventional.....	5,939.08	845.35
16470-0257 EA 1000-2000 A 3 Pole Molded Case Circuit Breaker Conventional.....	9,873.18	845.35
16470-0258 EA Shunt Trip, Factory Installed.....	298.10	
16470-0259 EA Groundfault Trip Complete Interrupting Circuit, Factory Installed.....	69.00	
16470-0260 Switchboard Branch Breaker 480 V (16470-0223)		
16470-0261 EA 60 A, 3 Phase, 480 V Switchboard Branch Breaker.....	437.37	51.07
16470-0262 EA 100 A, 3 Phase, 480 V Switchboard Branch Breaker.....	510.80	67.77
16470-0263 EA 225 A, 3 Phase, 480 V Switchboard Branch Breaker.....	1,540.58	102.01
16470-0264 EA 400 A, 3 Phase, 480 V Switchboard Branch Breaker.....	2,041.03	128.00
16470-0265 EA 600 A, 3 Phase, 480 V Switchboard Branch Breaker.....	2,459.04	171.67
16470-0266 EA 800 A, 3 Phase, 480 V Switchboard Branch Breaker.....	2,961.10	220.14
16470-0267 EA 1000 A, 3 Phase, 480 V Switchboard Branch Breaker.....	4,775.39	335.46
16470-0268 EA 1200 A, 3 Phase, 480 V Switchboard Branch Breaker.....	4,775.39	335.46
16470-0269 EA 1600 A, 3 Phase, 480 V Switchboard Branch Breaker.....	6,698.34	469.67
16470-0270 EA 2000 A, 3 Phase, 480 V Switchboard Branch Breaker.....	8,277.92	704.45
16470-0271 Switchboard 277/480 V Main Breaker (16470-0223)		
16470-0272 EA 400 A Switchboard 277/480 V Main Breaker.....	5,474.62	305.73
16470-0273 EA 600 A Switchboard 277/480 V Main Breaker.....	5,532.74	334.83
16470-0274 EA 800 A Switchboard 277/480 V Main Breaker.....	5,869.48	503.19
16470-0275 EA 1200 A Switchboard 277/480 V Main Breaker.....	10,145.36	704.45
16470-0276 EA 1600 A Switchboard 277/480 V Main Breaker.....	10,294.97	779.27
16470-0277 EA 2000 A Switchboard 277/480 V Main Breaker.....	13,340.98	1,397.72
16470-0278 Branch Or Distribution Devices (16470)		
16470-0279 3 Pole, Panel Mounted, Molded Case Circuit Breakers (16470-0278)		
Note: Includes certified refurbished circuit breakers.		
16470-0280 EA 15-60 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	299.96	25.36
16470-0281 EA 70-100 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	305.52	31.70
16470-0282 EA 125-150 Amp, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	718.91	38.04
16470-0283 EA 70-225 Amp, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,039.92	49.31
16470-0284 EA 125-400 Amp, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,462.59	60.86
16470-0285 EA 300-600 Amp, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,912.06	71.15
16470-0286 EA 900-1000 Amp, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,906.76	80.31
16470-0287 2 Pole, Panel Mounted, Molded Case Circuit Breakers (16470-0278)		
Note: Includes certified refurbished circuit breakers.		
16470-0288 EA 15-60 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	207.34	19.02
16470-0289 EA 70-100 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	266.79	25.36
16470-0290 EA 125-150 Amp, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	713.73	31.70
16470-0291 EA 70-225 Amp, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,124.30	35.22
16470-0292 EA 125-400 Amp, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,191.97	45.79
16470-0293 EA 900-1000 Amp, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,685.44	66.58
16470-0294 Meter Devices And Instrumentation (16470)		
Note: Factory installed accessories		
16470-0295 Instrument Transformers And Metering Compartments (16470-0294)		
16470-0296 EA 800 A And Below Primary Current Transformer, With Compartment.....	360.20	
16470-0297 EA 1000 A - 1500 A Primary Current Transformer, With Compartment.....	520.30	
16470-0298 EA 2000 A - 6000 A Primary Current Transformer, With Compartment.....	612.76	
16470-0299 EA Potential Transformer With 200 VA Max.....	441.63	
16470-0300 EA Three Current Transformers, (5 To 800 A).....	1,403.16	
16470-0301 EA Three Current Transformers, (1000 To 1500A).....	2,521.53	
16470-0302 EA Three Current Transformers, (2000 To 4000A).....	3,281.18	
16470-0303 Instruments (16470-0294)		
16470-0304 EA AC Voltmeter.....	491.31	
16470-0305 EA AC Ammeter.....	491.31	
16470-0306 EA AC Wattmeter.....	1,312.47	
16470-0307 EA Variometer.....	1,482.22	
16470-0308 EA Power Factor Meter.....	1,184.12	
16470-0309 EA Frequency Meter.....	1,306.95	
16470-0310 EA AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	1,663.01	
16470-0311 EA AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2.....	2,782.27	
16470-0312 EA Weatherproof, Modify Meter.....	2,549.63	



MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16470-0313	EA	Control Switch Resistor Type 130 V.....	56.20	
16470-0314	EA	Metering Instrument Volt, Amp And Watt Hour.....	3,356.12	

16471 Branch Circuit Panelboard (16400)

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs.

16471-0001 Assembled Lighting And Power Panelboards (16471)

Note: Includes main lugs or breaker (as indicated), 20 Amp, 1 pole branch circuit breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

16471-0002 120/240 Volt, 1 Phase, 3 Wire Main Lugs (16471-0001)

16471-0003	EA	100 A With 8 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 12 Circuit Capacity	775.70	200.77
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0004	EA	100 A With 10 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	886.80	200.77
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0005	EA	100 A With 12 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,003.60	278.26
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0006	EA	100 A With 14 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,115.62	278.26
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0007	EA	100 A With 16 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,228.11	348.71
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0008	EA	100 A With 18 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity	1,346.46	348.71
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0009	EA	100 A With 20 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity	1,452.53	401.54
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0010	EA	225 A With 22 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	1,726.06	514.25
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0011	EA	225 A With 24 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	1,838.35	514.25
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0012	EA	225 A With 26 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	2,344.78	588.22
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0013	EA	225 A With 28 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	2,516.94	588.22
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0014	EA	225 A With 30 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	2,625.88	662.19
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0015	EA	225 A With 32 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	2,781.84	662.19
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0016	EA	225 A With 34 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	2,881.91	732.64
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0017	EA	225 A With 36 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,044.57	732.64
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0018	EA	225 A With 38 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,226.33	810.12
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0019	EA	225 A With 40 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	3,281.55	810.12
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0020	EA	225 A With 42 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	3,500.18	810.12
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	

16471-0021 120/240 Volt, 1 Phase, 3 Wire Main Breaker (16471-0001)

16471-0022	EA	50 A With 8 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 12 Circuit Capacity	860.59	193.73
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0023	EA	50 A With 10 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 12 Circuit Capacity	973.23	193.73
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0024	EA	100 A With 12 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	1,268.12	331.09
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0025	EA	100 A With 14 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	1,382.40	331.09
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
16471-0026	EA	100 A With 16 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	1,495.89	405.07
		<i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	348.00	

16000 Electrical
16400 Service And Distribution
16471 Branch Circuit Panelboard



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0027	EA	100 A With 18 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity.....	1,617.66	405.07
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0028	EA	100 A With 20 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity.....	1,720.58	486.08
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0029	EA	225 A With 22 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	2,466.54	486.08
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0030	EA	225 A With 24 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	2,570.42	595.27
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0031	EA	225 A With 26 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	2,682.29	595.27
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0032	EA	225 A With 28 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	2,803.75	669.23
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0033	EA	225 A With 30 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	2,904.35	669.23
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0034	EA	225 A With 32 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	3,010.89	732.64
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0035	EA	225 A With 34 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	3,124.24	732.64
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0036	EA	225 A With 36 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	3,245.53	866.48
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0037	EA	225 A With 38 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	3,376.12	866.48
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0038	EA	225 A With 40 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	3,517.70	866.48
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0039	EA	225 A With 42 - 20 A Breakers, 120/240 V, 3 Wire, 1 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	3,608.16	915.79
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0040		120/208 Volt, 3 Phase, 4 Wire Main Lugs <small>(16471-0001)</small>		
16471-0041	EA	100 A With 8 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 12 Circuit Capacity.....	1,081.46	228.95
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0042	EA	100 A With 10 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity.....	1,207.38	228.95
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0043	EA	100 A With 12 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity.....	1,351.61	306.44
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0044	EA	100 A With 14 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity.....	1,504.94	306.44
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0045	EA	100 A With 16 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity.....	1,641.23	376.88
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0046	EA	100 A With 18 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity.....	1,786.23	376.88
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0047	EA	100 A With 20 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity.....	1,923.82	447.33
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0048	EA	100 A With 22 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity.....	2,062.30	447.33
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0049	EA	100 A With 24 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity.....	2,195.20	524.82
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0050	EA	100 A With 26 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity.....	2,348.34	524.82
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0051	EA	100 A With 28 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity.....	2,500.81	605.84
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0052	EA	100 A With 30 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity.....	2,653.91	605.84
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0053	EA	225 A With 32 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity.....	2,948.67	732.64
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0054	EA	225 A With 34 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity.....	3,045.33	732.64
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0055	EA 225 A With 36 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,225.99	813.65
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0056	EA 225 A With 38 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,384.25	813.65
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0057	EA 225 A With 40 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	3,501.20	887.62
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0058	EA 225 A With 42 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	3,653.47	887.62
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0059	EA 400 A With 32 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,622.75	787.58
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0060	EA 400 A With 34 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,729.66	827.74
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0061	EA 400 A With 36 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,917.43	871.77
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0062	EA 400 A With 38 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	4,086.06	922.84
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0063	EA 400 A With 40 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	4,208.90	951.01
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0064	EA 400 A With 42 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	4,398.25	1,009.14
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0065	120/208 Volt, 3 Phase, 4 Wire Main Breaker (16471-0001)		
16471-0066	EA 50 A With 8 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 12 Circuit Capacity	1,319.61	221.90
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0067	EA 50 A With 10 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	1,446.96	221.90
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0068	EA 50 A With 12 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	1,601.67	292.35
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0069	EA 50 A With 14 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	1,828.70	292.35
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0070	EA 100 A With 16 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity	2,122.57	440.29
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0071	EA 100 A With 18 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity	2,256.65	440.29
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0072	EA 100 A With 20 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity	2,399.87	514.25
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0073	EA 100 A With 22 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity	2,516.60	514.25
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0074	EA 100 A With 24 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity	2,678.47	595.27
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0075	EA 100 A With 26 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity	2,784.23	595.27
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0076	EA 100 A With 28 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity	2,967.16	669.23
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0077	EA 100 A With 30 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity	3,127.12	669.23
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0078	EA 225 A With 32 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity	4,200.40	774.90
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0079	EA 225 A With 34 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity	4,374.95	817.17
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0080	EA 225 A With 36 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity	4,442.66	817.17
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0081	EA 225 A With 38 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity	4,635.16	922.84
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	
16471-0082	EA 225 A With 40 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity	4,779.48	922.84
	16MOD-0291 For Weathertight NEMA 3R Panelboards, Add Capacity	348.00	

16000 Electrical
16400 Service And Distribution
16471 Branch Circuit Panelboard



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0083	EA	225 A With 42 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	4,859.79	922.84
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0084	EA	400 A With 32 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	5,019.08	848.88
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0085	EA	400 A With 34 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	5,206.79	898.18
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0086	EA	400 A With 36 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	5,276.05	922.84
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0087	EA	400 A With 38 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	5,481.84	979.20
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0088	EA	400 A With 40 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	5,624.61	1,007.37
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0089	EA	400 A With 42 - 20 A Breakers, 120/208 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	5,748.25	1,042.60
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0090		480 Volt, 3 Phase, 3 Wire Main Lugs (16471-0001)		
16471-0091	EA	100 A With 8 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 12 Circuit Capacity	1,241.56	225.42
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0092	EA	100 A With 10 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,411.20	225.42
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0093	EA	100 A With 12 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,574.80	309.97
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0094	EA	100 A With 14 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,744.43	309.97
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0095	EA	100 A With 16 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity	1,904.19	387.45
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0096	EA	100 A With 18 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity	2,071.29	387.45
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0097	EA	100 A With 20 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity	2,244.65	468.46
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0098	EA	100 A With 22 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	2,405.48	468.46
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0099	EA	100 A With 24 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	2,579.98	556.53
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0100	EA	100 A With 26 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	2,749.25	556.53
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0101	EA	100 A With 28 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	2,906.76	634.01
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0102	EA	100 A With 30 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity	3,073.85	634.01
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0103	EA	225 A With 32 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,421.37	771.38
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0104	EA	225 A With 34 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,588.30	771.38
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0105	EA	225 A With 36 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,764.52	845.35
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0106	EA	225 A With 38 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity	3,899.42	845.35
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0107	EA	225 A With 40 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	4,092.89	933.41
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0108	EA	225 A With 42 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity	4,237.63	933.41
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0109		480 Volt, 3 Phase, 3 Wire Main Breaker (16471-0001)		
16471-0110	EA	50 A With 8 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 12 Circuit Capacity.....	1,591.98	239.52
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0111	EA	50 A With 10 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	1,758.28	260.65
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0112	EA	50 A With 12 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	1,926.17	324.05
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0113	EA	100 A With 14 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	2,573.48	394.50
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0114	EA	100 A With 16 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	2,744.33	436.76
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0115	EA	100 A With 18 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity.....	2,902.79	471.98
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0116	EA	100 A With 20 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity.....	3,074.28	514.25
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0117	EA	100 A With 22 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	3,240.48	556.53
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0118	EA 100 A With 24 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,395.15 <i>348.00</i>	591.75
16471-0119	EA 100 A With 26 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,558.85 <i>348.00</i>	626.97
16471-0120	EA 100 A With 28 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,733.44 <i>348.00</i>	669.23
16471-0121	EA 100 A With 30 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,921.40 <i>348.00</i>	722.07
16471-0122	EA 225 A With 32 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,057.32 <i>348.00</i>	803.08
16471-0123	EA 225 A With 34 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,238.81 <i>348.00</i>	852.39
16471-0124	EA 225 A With 36 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,376.68 <i>348.00</i>	873.53
16471-0125	EA 225 A With 38 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,577.02 <i>348.00</i>	929.89
16471-0126	EA 225 A With 40 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,725.70 <i>348.00</i>	965.11
16471-0127	EA 225 A With 42 - 20 A Breakers, 480 V, 3 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,878.73 <i>348.00</i>	995.40
16471-0128	277/480 Volt, 3 Phase, 4 Wire Main Lugs <small>(16471-0001)</small>		
16471-0129	EA 100 A With 8 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 12 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	1,850.12 <i>348.00</i>	246.56
16471-0130	EA 100 A With 10 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	2,164.61 <i>348.00</i>	246.56
16471-0131	EA 100 A With 12 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	2,474.82 <i>348.00</i>	327.57
16471-0132	EA 100 A With 14 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	2,786.34 <i>348.00</i>	327.57
16471-0133	EA 100 A With 16 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 20 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,100.51 <i>348.00</i>	405.07
16471-0134	EA 100 A With 18 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,411.25 <i>348.00</i>	405.07
16471-0135	EA 100 A With 20 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 24 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	3,724.67 <i>348.00</i>	486.08
16471-0136	EA 100 A With 22 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	4,037.38 <i>348.00</i>	486.08
16471-0137	EA 100 A With 24 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	4,365.26 <i>348.00</i>	570.61
16471-0138	EA 100 A With 26 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	4,664.10 <i>348.00</i>	570.61
16471-0139	EA 100 A With 28 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	4,971.43 <i>348.00</i>	574.13
16471-0140	EA 100 A With 30 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 30 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,288.97 <i>348.00</i>	574.13
16471-0141	EA 225 A With 32 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	5,799.63 <i>348.00</i>	796.04
16471-0142	EA 225 A With 34 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	6,117.84 <i>348.00</i>	796.04
16471-0143	EA 225 A With 36 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	6,396.81 <i>348.00</i>	838.31
16471-0144	EA 225 A With 38 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 42 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	6,730.85 <i>348.00</i>	894.67
16471-0145	EA 225 A With 40 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity <i>16MOD-0291 For Weathertight NEMA 3R Panelboards, Add</i>	7,018.83 <i>348.00</i>	894.67

16000 Electrical
16400 Service And Distribution
16471 Branch Circuit Panelboard



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0146	EA	225 A With 42 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Lugs, Assembled, 54 Circuit Capacity.....	7,373.52	979.20
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0147		277/480 Volt, 3 Phase, 4 Wire Main Breaker (16471-0001)		
16471-0148	EA	50 A With 8 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 12 Circuit Capacity.....	2,249.16	302.92
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0149	EA	50 A With 10 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	2,567.57	302.92
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0150	EA	50 A With 12 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	2,879.59	401.54
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0151	EA	100 A With 14 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	3,455.67	401.54
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0152	EA	100 A With 16 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 20 Circuit Capacity.....	3,774.23	507.21
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0153	EA	100 A With 18 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity.....	4,092.55	507.21
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0154	EA	100 A With 20 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 24 Circuit Capacity.....	4,405.57	581.18
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0155	EA	100 A With 22 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	4,707.07	581.18
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0156	EA	100 A With 24 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	5,017.59	662.19
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0157	EA	100 A With 26 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	5,339.01	662.19
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0158	EA	100 A With 28 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	5,638.00	732.64
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0159	EA	100 A With 30 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 30 Circuit Capacity.....	5,943.81	732.64
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0160	EA	225 A With 32 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	8,025.62	866.48
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0161	EA	225 A With 34 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	8,359.66	866.48
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0162	EA	225 A With 36 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	8,647.64	947.49
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0163	EA	225 A With 38 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 42 Circuit Capacity.....	9,002.33	947.49
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0164	EA	225 A With 40 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	9,302.18	1,035.56
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0165	EA	225 A With 42 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	14,947.54	1,035.56
		16MOD-0291 For Weathertight NEMA 3R Panelboards, Add	348.00	
16471-0166	EA	400 A With 42 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	11,161.53	1,153.20
16471-0167	EA	600 A With 42 - 20 A Breakers, 277/480 V, 4 Wire, 3 Phase Panelboard, Main Breaker, Assembled, 54 Circuit Capacity.....	13,631.67	1,384.26
16471-0168		Unassembled Lighting And Power Panelboards (16471)		
		Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device).		
16471-0169		Panelboard 1 Phase, 3 Wire, 240 VAC, 48 VDC, Copper Bussing (16471-0168)		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.		
16471-0170		Main Lugs, NEMA 1 (16471-0169)		
16471-0171	EA	100 A - 12 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	506.82	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0172	EA	100 A - 20 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	580.35	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0173	EA	225 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	778.01	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0174	EA	225 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	895.54	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0175 EA 225 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,011.05	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0176 EA 400 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,125.24	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0177 EA 400 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,219.45	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0178 EA 400 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,332.75	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0179 EA 600 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,405.10	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0180 EA 600 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,497.50	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0181 EA 600 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,628.87	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0182 Main Breaker, NEMA 1 <small>(16471-0169)</small>		
16471-0183 EA 100 A - 12 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	750.43	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0184 EA 100 A - 20 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	845.63	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0185 EA 225 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,345.55	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0186 EA 225 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,488.48	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0187 EA 225 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,620.44	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0188 EA 400 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,887.12	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0189 EA 400 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,035.92	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0190 EA 400 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,173.52	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0191 Main Lugs, NEMA 3R, 5, Or 12 <small>(16471-0169)</small>		
16471-0192 EA 100 A - 12 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,057.12	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0193 EA 100 A - 20 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,124.37	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0194 EA 225 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,308.92	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0195 EA 225 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,423.83	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0196 EA 225 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,529.39	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0197 EA 400 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,745.25	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0198 EA 400 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,832.64	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0199 EA 400 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,939.66	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0200 EA 600 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,060.23	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0201 EA 600 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,149.11	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0202 EA 600 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,270.79	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0203 Main Breaker, NEMA 3R, 5, Or 12 <small>(16471-0169)</small>		
16471-0204 EA 100 A - 12 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	1,294.44	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0205 EA 100 A - 20 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	1,382.83	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0206 EA 225 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	1,978.14	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0207 EA 225 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,108.49	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0208 EA 225 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,231.01	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0209 EA 400 A - 30 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,484.60	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0210 EA 400 A - 42 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,627.10	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0211	EA	400 A - 54 Circuit Capacity, 120/240 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,763.14	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0212		Panelboard 3 Phase, 4 Wire, 240 VAC, 48 VDC, Copper Bussing (16471-0168)		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.		
16471-0213		Main Lugs, NEMA 1 (16471-0212)		
16471-0214	EA	100 A - 12 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	568.95	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0215	EA	100 A - 24 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	666.97	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0216	EA	100 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	746.56	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0217	EA	225 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	836.37	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0218	EA	225 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	961.16	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0219	EA	225 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,062.23	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0220	EA	400 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,223.44	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0221	EA	400 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,315.70	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0222	EA	400 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,416.20	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0223	EA	600 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,514.83	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0224	EA	600 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,677.18	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0225	EA	600 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,999.21	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0226		Main Breaker, NEMA 1 (16471-0212)		
16471-0227	EA	100 A - 12 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	882.30	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0228	EA	100 A - 24 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	993.52	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0229	EA	100 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,120.42	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0230	EA	225 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,680.52	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0231	EA	225 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,817.02	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0232	EA	225 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,937.50	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0233	EA	400 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,708.04	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0234	EA	400 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,843.85	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0235	EA	400 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,957.64	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0236		Main Lugs, NEMA 3R, 5, Or 12 (16471-0212)		
16471-0237	EA	100 A - 12 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,119.26	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0238	EA	100 A - 24 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,210.98	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0239	EA	100 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,283.76	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0240	EA	225 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,367.29	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0241	EA	225 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,489.46	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0242	EA	225 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,580.56	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0243	EA	400 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,843.45	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0244	EA	400 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,928.90	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0245	EA	400 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,023.11	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0246	EA	600 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,169.96	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0247	EA	600 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,320.25	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0248	EA	600 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,642.28	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0249		Main Breaker, NEMA 3R, 5, Or 12 (16471-0212)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0250 EA 100 A - 12 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	1,426.32	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0251 EA 100 A - 24 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	1,530.72	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0252 EA 100 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	1,653.95	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0253 EA 225 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,313.10	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0254 EA 225 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,437.03	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0255 EA 225 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,548.07	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0256 EA 400 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,854.98	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0257 EA 400 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,996.24	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0258 EA 400 A - 54 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,119.25	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0259 Panelboard 1 Phase, 3 Wire, 480Y/277 VAC, Copper Bussing (16471-0168)		
Note: As manufactured by Square D or equal.		
16471-0260 Main Lugs, NEMA 1 (16471-0259)		
16471-0261 EA 125 A - 12 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	832.07	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0262 EA 125 A - 18 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	908.08	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0263 EA 250 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,245.15	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0264 EA 250 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,384.14	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0265 EA 250 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,503.91	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0266 EA 400 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,483.67	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0267 EA 400 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,558.36	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0268 EA 400 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,689.88	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0269 EA 600 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,736.67	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0270 EA 600 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,860.94	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0271 EA 600 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	2,028.37	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0272 Main Breaker, NEMA 1 (16471-0259)		
16471-0273 EA 100 A - 12 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,733.68	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0274 EA 100 A - 18 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,788.66	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0275 EA 125 A - 18 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,939.89	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0276 EA 125 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,038.40	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0277 EA 125 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,223.16	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0278 EA 250 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,892.57	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0279 EA 250 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,012.86	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0280 EA 250 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,165.35	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0281 EA 400 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,240.80	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0282 EA 400 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,388.61	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0283 EA 400 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,525.99	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0284 Main Lugs, NEMA 3R, 5, Or 12 (16471-0259)		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0285	EA	125 A - 12 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,363.51	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0286	EA	125 A - 18 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,439.52	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0287	EA	250 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,764.01	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0288	EA	250 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,994.19	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0289	EA	250 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,103.48	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0290	EA	400 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,083.24	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0291	EA	400 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,142.21	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0292	EA	400 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,251.19	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0293	EA	600 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,350.39	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0294	EA	600 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,461.75	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0295	EA	600 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,601.40	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0296		Main Breaker, NEMA 3R, 5, Or 12 <small>(16471-0259)</small>		
16471-0297	EA	100 A - 12 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,378.32	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0298	EA	100 A - 18 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,433.30	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0299	EA	125 A - 18 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,463.47	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0300	EA	125 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,557.26	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0301	EA	125 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,833.21	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0302	EA	250 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,492.14	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0303	EA	250 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,596.71	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0304	EA	250 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,726.66	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0305	EA	400 A - 30 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,802.11	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0306	EA	400 A - 42 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,935.44	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0307	EA	400 A - 54 Circuit Capacity, 277/480 V, 3 Wire, 1 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,070.51	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0308		Panelboard 3 Phase, 4 Wire, 480Y/277 VAC, Copper Bussing <small>(16471-0168)</small>		
		Note: As manufactured by Square D or equal.		
16471-0309		Main Lugs, NEMA 1 <small>(16471-0308)</small>		
16471-0310	EA	125 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	867.71	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0311	EA	125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	944.25	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0312	EA	125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,089.84	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0313	EA	250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,297.58	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0314	EA	250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,437.70	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0315	EA	250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,556.45	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0316	EA	400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,553.10	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0317	EA	400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,644.31	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0318	EA	400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,774.88	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0319	EA	600 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,821.95	
	16MOD-0126	For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0320 EA 600 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	1,946.56	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0321 EA 600 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled.....	2,114.52	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0322 Main Breaker, NEMA 1 <small>(16471-0308)</small>		
16471-0323 EA 100 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,917.11	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0324 EA 100 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	1,972.62	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0325 EA 100 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,135.42	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0326 EA 125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,192.02	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0327 EA 125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,291.00	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0328 EA 125 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	2,475.21	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0329 EA 250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,188.42	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0330 EA 250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,310.17	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0331 EA 250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,461.06	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0332 EA 400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,595.32	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0333 EA 400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,744.67	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0334 EA 400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled.....	3,881.83	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0335 Main Lugs, NEMA 3R, 5, Or 12 <small>(16471-0308)</small>		
16471-0336 EA 125 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,399.15	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0337 EA 125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,475.68	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0338 EA 125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,613.42	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0339 EA 250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	1,816.44	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0340 EA 250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,047.75	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0341 EA 250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,156.02	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0342 EA 400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,154.24	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0343 EA 400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,228.16	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0344 EA 400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,336.19	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0345 EA 600 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,435.67	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0346 EA 600 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,547.18	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0347 EA 600 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled.....	2,686.83	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0348 Main Breaker, NEMA 3R, 5, Or 12 <small>(16471-0308)</small>		
16471-0349 EA 100 A - 12 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,435.97	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0350 EA 100 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,491.47	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0351 EA 100 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,745.47	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0352 EA 125 A - 18 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,715.60	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0353 EA 125 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	2,809.85	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0354 EA 125 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,085.26	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0355 EA 250 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,787.99	
16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	

16000 Electrical
16400 Service And Distribution
16471 Branch Circuit Panelboard



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0356	EA	250 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	3,894.02	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0357	EA	250 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,022.37	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0358	EA	400 A - 30 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,156.63	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0359	EA	400 A - 42 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,291.31	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0360	EA	400 A - 54 Circuit Capacity, 277/480 V, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	4,425.85	
		16MOD-0126 For Hinged Door-In-Door With Yale 5116 With Rosette, Add	328.00	
16471-0361		Branch Circuit Breakers ⁽¹⁶⁴⁷¹⁾		
		Note: For installation in existing panelboards		
16471-0362		Branch Circuit Breakers 10000 Amp Interrupting Capacity, Plug-On ⁽¹⁶⁴⁷¹⁻⁰³⁶¹⁾		
		Note: Includes connection of electrical wire		
16471-0363	EA	1 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	35.23	12.68
		16MOD-0127 For Bolt-On, Add	9.33	
		16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
		Note: Also for use with new interiors in panelboards.		
16471-0364	EA	1 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	35.23	12.68
		16MOD-0127 For Bolt-On, Add	9.33	
		16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
		Note: Also for use with new interiors in panelboards.		
16471-0365	EA	1 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	51.52	15.85
		16MOD-0127 For Bolt-On, Add	12.60	
		16MOD-0136 For Installation In New Panelboard, Deduct	-8.81	
		Note: Also for use with new interiors in panelboards.		
16471-0366	EA	1 Pole GFI, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	78.14	15.50
		16MOD-0127 For Bolt-On, Add	15.68	
		16MOD-0136 For Installation In New Panelboard, Deduct	-8.45	
		Note: Also for use with new interiors in panelboards.		
16471-0367	EA	1 Pole GFI, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amp Interrupting Capacity.....	110.18	15.50
		16MOD-0127 For Bolt-On, Add	19.69	
		16MOD-0136 For Installation In New Panelboard, Deduct	-8.45	
		Note: Also for use with new interiors in panelboards.		
16471-0368	EA	1 Pole GFI, 120/240 Volt, 15-30 A, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity.....	128.46	15.50
		16MOD-0127 For Bolt-On, Add	21.97	
		16MOD-0136 For Installation In New Panelboard, Deduct	-8.45	
		Note: Also for use with new interiors in panelboards.		
16471-0369	EA	1 Pole GFI, 120/240 Volt, 15-20 A, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity.....	60.48	15.50
		16MOD-0127 For Bolt-On, Add	13.48	
		16MOD-0136 For Installation In New Panelboard, Deduct	-8.45	
		Note: Also for use with new interiors in panelboards.		
16471-0370	EA	2 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	58.57	19.02
		16MOD-0127 For Bolt-On, Add	14.72	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0371	EA	2 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	58.57	19.02
		16MOD-0127 For Bolt-On, Add	14.72	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0372	EA	2 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	88.96	25.36
		16MOD-0127 For Bolt-On, Add	20.98	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0373	EA	2 Pole, 120/240 Volt, 110-125 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	149.25	31.70
		16MOD-0127 For Bolt-On, Add	30.99	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		
16471-0374	EA	2 Pole, 120/240 Volt, 150 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	176.39	35.22
		16MOD-0127 For Bolt-On, Add	35.61	
		16MOD-0136 For Installation In New Panelboard, Deduct	-19.37	
		Note: Also for use with new interiors in panelboards.		
16471-0375	EA	2 Pole GFI, 120/240 Volt, 15-50 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	150.83	22.54
		16MOD-0127 For Bolt-On, Add	27.73	
		16MOD-0136 For Installation In New Panelboard, Deduct	-12.68	
		Note: Also for use with new interiors in panelboards.		
16471-0376	EA	2 Pole, GFI, 120/240 Volt, 15-50 A, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity.....	203.25	22.54
		16MOD-0127 For Bolt-On, Add	34.28	
		16MOD-0136 For Installation In New Panelboard, Deduct	-12.68	
		Note: Also for use with new interiors in panelboards.		
16471-0377	EA	3 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	113.42	25.36
		16MOD-0127 For Bolt-On, Add	24.04	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0378	EA 3 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	113.42	25.36
	16MOD-0127 For Bolt-On, Add	24.04	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0379	EA 3 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	148.94	31.70
	16MOD-0127 For Bolt-On, Add	30.95	
	16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
	Note: Also for use with new interiors in panelboards.		
16471-0380	EA 3 Pole, 120/240 Volt, 110-125 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	227.13	38.04
	16MOD-0127 For Bolt-On, Add	43.18	
	16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
	Note: Also for use with new interiors in panelboards.		
16471-0381	EA 3 Pole, 120/240 Volt, 150 A, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity.....	290.54	44.38
	16MOD-0127 For Bolt-On, Add	53.58	
	16MOD-0136 For Installation In New Panelboard, Deduct	-24.66	
	Note: Also for use with new interiors in panelboards.		
16471-0382	Branch Circuit Breakers 14000 Amp Interrupting Capacity, Plug-On <small>(16471-0361)</small>		
	Note: Includes connection of electrical wire		
16471-0383	EA 1 Pole, 277/480 Volt, 15-30 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	51.84	12.68
	16MOD-0128 For Bolt-On, Add	11.41	
	16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
	Note: Also for use with new interiors in panelboards.		
16471-0384	EA 1 Pole, 277/480 Volt, 35-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	51.84	12.68
	16MOD-0128 For Bolt-On, Add	11.41	
	16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
	Note: Also for use with new interiors in panelboards.		
16471-0385	EA 1 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	93.97	15.85
	16MOD-0128 For Bolt-On, Add	17.91	
	16MOD-0136 For Installation In New Panelboard, Deduct	-8.81	
	Note: Also for use with new interiors in panelboards.		
16471-0386	EA 1 Pole GFI, 277/480 Volt, 15-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	146.44	15.50
	16MOD-0128 For Bolt-On, Add	24.22	
	16MOD-0136 For Installation In New Panelboard, Deduct	-8.45	
	Note: Also for use with new interiors in panelboards.		
16471-0387	EA 2 Pole, 277/480 Volt, 15-30 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	102.29	19.02
	16MOD-0128 For Bolt-On, Add	20.18	
	16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
	Note: Also for use with new interiors in panelboards.		
16471-0388	EA 2 Pole, 277/480 Volt, 35-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	102.29	19.02
	16MOD-0128 For Bolt-On, Add	20.18	
	16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
	Note: Also for use with new interiors in panelboards.		
16471-0389	EA 2 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	203.82	25.36
	16MOD-0128 For Bolt-On, Add	35.34	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0390	EA 2 Pole, 277/480 Volt, 110-125 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	278.24	31.70
	16MOD-0128 For Bolt-On, Add	47.11	
	16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
	Note: Also for use with new interiors in panelboards.		
16471-0391	EA 2 Pole, 277/480 Volt, 150 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	411.16	35.22
	16MOD-0128 For Bolt-On, Add	64.96	
	16MOD-0136 For Installation In New Panelboard, Deduct	-19.37	
	Note: Also for use with new interiors in panelboards.		
16471-0392	EA 3 Pole, 277/480 Volt, 15-30 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	164.14	25.36
	16MOD-0128 For Bolt-On, Add	30.38	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0393	EA 3 Pole, 277/480 Volt, 35-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	164.14	25.36
	16MOD-0128 For Bolt-On, Add	30.38	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0394	EA 3 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	246.70	31.70
	16MOD-0128 For Bolt-On, Add	43.17	
	16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
	Note: Also for use with new interiors in panelboards.		
16471-0395	EA 3 Pole, 277/480 Volt, 110-125 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	352.35	38.04
	16MOD-0128 For Bolt-On, Add	58.84	
	16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
	Note: Also for use with new interiors in panelboards.		
16471-0396	EA 3 Pole, 277/480 Volt, 150 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	548.44	44.38
	16MOD-0128 For Bolt-On, Add	85.81	
	16MOD-0136 For Installation In New Panelboard, Deduct	-24.66	
	Note: Also for use with new interiors in panelboards.		
16471-0397	EA 3 Pole, 277/480 Volt, 175 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	633.64	47.56
	16MOD-0128 For Bolt-On, Add	97.70	
	16MOD-0136 For Installation In New Panelboard, Deduct	-26.42	
	Note: Also for use with new interiors in panelboards.		
16471-0398	EA 3 Pole, 277/480 Volt, 200 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	680.81	50.72
	16MOD-0128 For Bolt-On, Add	104.83	
	16MOD-0136 For Installation In New Panelboard, Deduct	-28.18	
	Note: Also for use with new interiors in panelboards.		

16000 Electrical
16400 Service And Distribution
16471 Branch Circuit Panelboard



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0399	EA		3 Pole, 277/480 Volt, 225 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	806.82	53.89
			16MOD-0128 For Bolt-On, Add	121.81	
			16MOD-0136 For Installation In New Panelboard, Deduct	-29.94	
			Note: Also for use with new interiors in panelboards.		
16471-0400			Branch Circuit Breakers 18000 Amp Interrupting Capacity, Plug-On (16471-0361)		
			Note: Includes connection of electrical wire		
16471-0401	EA		1 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	62.75	12.68
			16MOD-0129 For Bolt-On, Add	12.77	
			16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
			Note: Also for use with new interiors in panelboards.		
16471-0402	EA		1 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	62.75	12.68
			16MOD-0129 For Bolt-On, Add	12.77	
			16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
			Note: Also for use with new interiors in panelboards.		
16471-0403	EA		1 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	104.75	15.85
			16MOD-0129 For Bolt-On, Add	19.26	
			16MOD-0136 For Installation In New Panelboard, Deduct	-8.81	
			Note: Also for use with new interiors in panelboards.		
16471-0404	EA		2 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	130.73	19.02
			16MOD-0129 For Bolt-On, Add	23.74	
			16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
			Note: Also for use with new interiors in panelboards.		
16471-0405	EA		2 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	130.73	19.02
			16MOD-0129 For Bolt-On, Add	23.74	
			16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
			Note: Also for use with new interiors in panelboards.		
16471-0406	EA		2 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	231.09	25.36
			16MOD-0129 For Bolt-On, Add	38.75	
			16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
			Note: Also for use with new interiors in panelboards.		
16471-0407	EA		2 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	599.74	31.70
			16MOD-0129 For Bolt-On, Add	87.30	
			16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
			Note: Also for use with new interiors in panelboards.		
16471-0408	EA		3 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	211.07	25.36
			16MOD-0129 For Bolt-On, Add	36.25	
			16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
			Note: Also for use with new interiors in panelboards.		
16471-0409	EA		3 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	211.07	25.36
			16MOD-0129 For Bolt-On, Add	36.25	
			16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
			Note: Also for use with new interiors in panelboards.		
16471-0410	EA		3 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	280.86	31.70
			16MOD-0129 For Bolt-On, Add	47.44	
			16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
			Note: Also for use with new interiors in panelboards.		
16471-0411	EA		3 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	742.68	38.04
			16MOD-0129 For Bolt-On, Add	107.63	
			16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
			Note: Also for use with new interiors in panelboards.		
16471-0412			Branch Circuit Breakers 22000 Amp Interrupting Capacity, Plug-On (16471-0361)		
			Note: Includes connection of electrical wire		
16471-0413	EA		1 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	72.02	12.68
			16MOD-0130 For Bolt-On, Add	13.93	
			16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
			Note: Also for use with new interiors in panelboards.		
16471-0414	EA		1 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	72.02	12.68
			16MOD-0130 For Bolt-On, Add	13.93	
			16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
			Note: Also for use with new interiors in panelboards.		
16471-0415	EA		1 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	84.70	15.85
			16MOD-0130 For Bolt-On, Add	16.75	
			16MOD-0136 For Installation In New Panelboard, Deduct	-8.81	
			Note: Also for use with new interiors in panelboards.		
16471-0416	EA		1 Pole GF1, 120/240V, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	145.20	15.50
			16MOD-0130 For Bolt-On, Add	24.07	
			16MOD-0136 For Installation In New Panelboard, Deduct	-8.45	
			Note: Also for use with new interiors in panelboards.		
16471-0417	EA		2 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	154.90	19.02
			16MOD-0130 For Bolt-On, Add	26.76	
			16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
			Note: Also for use with new interiors in panelboards.		
16471-0418	EA		2 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	154.90	19.02
			16MOD-0130 For Bolt-On, Add	26.76	
			16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
			Note: Also for use with new interiors in panelboards.		
16471-0419	EA		2 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	187.29	25.36
			16MOD-0130 For Bolt-On, Add	33.27	
			16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
			Note: Also for use with new interiors in panelboards.		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0420	EA 2 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	271.18	31.70
	16MOD-0130 For Bolt-On, Add	46.23	
	16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
	Note: Also for use with new interiors in panelboards.		
16471-0421	EA 2 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	352.23	35.22
	16MOD-0130 For Bolt-On, Add	57.59	
	16MOD-0136 For Installation In New Panelboard, Deduct	-19.37	
	Note: Also for use with new interiors in panelboards.		
16471-0422	EA 2 Pole, 240 Volt, 250 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	440.34	41.21
	16MOD-0130 For Bolt-On, Add	71.07	
	16MOD-0136 For Installation In New Panelboard, Deduct	-22.90	
	Note: Also for use with new interiors in panelboards.		
16471-0423	EA 2 Pole, 240 Volt, 300-400 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	474.34	47.56
	16MOD-0130 For Bolt-On, Add	77.78	
	16MOD-0136 For Installation In New Panelboard, Deduct	-26.42	
	Note: Also for use with new interiors in panelboards.		
16471-0424	EA 3 Pole, 120/240 Volt, 15-30 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	187.70	25.36
	16MOD-0130 For Bolt-On, Add	33.33	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0425	EA 3 Pole, 120/240 Volt, 35-60 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	187.70	25.36
	16MOD-0130 For Bolt-On, Add	33.33	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0426	EA 3 Pole, 120/240 Volt, 70-100 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	219.69	31.70
	16MOD-0130 For Bolt-On, Add	39.79	
	16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
	Note: Also for use with new interiors in panelboards.		
16471-0427	EA 3 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	336.34	38.04
	16MOD-0130 For Bolt-On, Add	56.84	
	16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
	Note: Also for use with new interiors in panelboards.		
16471-0428	EA 3 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	441.65	49.31
	16MOD-0130 For Bolt-On, Add	74.31	
	16MOD-0136 For Installation In New Panelboard, Deduct	-27.30	
	Note: Also for use with new interiors in panelboards.		
16471-0429	EA 3 Pole, 240 Volt, 250 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	546.56	57.06
	16MOD-0130 For Bolt-On, Add	90.51	
	16MOD-0136 For Installation In New Panelboard, Deduct	-31.70	
	Note: Also for use with new interiors in panelboards.		
16471-0430	EA 3 Pole, 240 Volt, 300-400 A, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	581.35	60.58
	16MOD-0130 For Bolt-On, Add	96.09	
	16MOD-0136 For Installation In New Panelboard, Deduct	-33.46	
	Note: Also for use with new interiors in panelboards.		
16471-0431	Branch Circuit Breakers 25000 Amp Interrupting Capacity, Plug-On <small>(16471-0361)</small>		
	Note: Includes connection of electrical wire		
16471-0432	EA 2 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	160.94	19.02
	16MOD-0131 For Bolt-On, Add	27.51	
	16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
	Note: Also for use with new interiors in panelboards.		
16471-0433	EA 2 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	160.94	19.02
	16MOD-0131 For Bolt-On, Add	27.51	
	16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
	Note: Also for use with new interiors in panelboards.		
16471-0434	EA 2 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	245.68	25.36
	16MOD-0131 For Bolt-On, Add	40.57	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0435	EA 2 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	401.65	31.70
	16MOD-0131 For Bolt-On, Add	62.54	
	16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
	Note: Also for use with new interiors in panelboards.		
16471-0436	EA 2 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	628.31	39.45
	16MOD-0131 For Bolt-On, Add	93.95	
	16MOD-0136 For Installation In New Panelboard, Deduct	-22.02	
	Note: Also for use with new interiors in panelboards.		
16471-0437	EA 2 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	713.20	41.21
	16MOD-0131 For Bolt-On, Add	105.18	
	16MOD-0136 For Installation In New Panelboard, Deduct	-22.90	
	Note: Also for use with new interiors in panelboards.		
16471-0438	EA 2 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	778.62	47.56
	16MOD-0131 For Bolt-On, Add	115.82	
	16MOD-0136 For Installation In New Panelboard, Deduct	-26.42	
	Note: Also for use with new interiors in panelboards.		
16471-0439	EA 3 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	231.82	25.36
	16MOD-0131 For Bolt-On, Add	38.84	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		
16471-0440	EA 3 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	231.82	25.36
	16MOD-0131 For Bolt-On, Add	38.84	
	16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
	Note: Also for use with new interiors in panelboards.		

16000 Electrical
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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0441	EA	3 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	292.09	31.70
		16MOD-0131 For Bolt-On, Add	48.84	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		
16471-0442	EA	3 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	500.02	38.04
		16MOD-0131 For Bolt-On, Add	77.30	
		16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
		Note: Also for use with new interiors in panelboards.		
16471-0443	EA	3 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	732.55	49.31
		16MOD-0131 For Bolt-On, Add	110.68	
		16MOD-0136 For Installation In New Panelboard, Deduct	-27.30	
		Note: Also for use with new interiors in panelboards.		
16471-0444	EA	3 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	865.57	57.06
		16MOD-0131 For Bolt-On, Add	130.39	
		16MOD-0136 For Installation In New Panelboard, Deduct	-31.70	
		Note: Also for use with new interiors in panelboards.		
16471-0445	EA	3 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	936.88	60.58
		16MOD-0131 For Bolt-On, Add	140.53	
		16MOD-0136 For Installation In New Panelboard, Deduct	-33.46	
		Note: Also for use with new interiors in panelboards.		
16471-0446		Branch Circuit Breakers 30000 Amp Interrupting Capacity, Plug-On (16471-0361)		
		Note: Includes connection of electrical wire		
16471-0447	EA	2 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	166.94	19.02
		16MOD-0132 For Bolt-On, Add	28.26	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0448	EA	2 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	166.94	19.02
		16MOD-0132 For Bolt-On, Add	28.26	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0449	EA	2 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	301.09	25.36
		16MOD-0132 For Bolt-On, Add	47.50	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0450	EA	2 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	555.29	31.70
		16MOD-0132 For Bolt-On, Add	81.74	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		
16471-0451	EA	2 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	882.27	39.45
		16MOD-0132 For Bolt-On, Add	125.69	
		16MOD-0136 For Installation In New Panelboard, Deduct	-22.02	
		Note: Also for use with new interiors in panelboards.		
16471-0452	EA	2 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,005.29	41.21
		16MOD-0132 For Bolt-On, Add	141.69	
		16MOD-0136 For Installation In New Panelboard, Deduct	-22.90	
		Note: Also for use with new interiors in panelboards.		
16471-0453	EA	2 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,093.81	47.56
		16MOD-0132 For Bolt-On, Add	155.22	
		16MOD-0136 For Installation In New Panelboard, Deduct	-26.42	
		Note: Also for use with new interiors in panelboards.		
16471-0454	EA	3 Pole, 240/480 Volt, 15-30 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	273.38	25.36
		16MOD-0132 For Bolt-On, Add	44.04	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0455	EA	3 Pole, 240/480 Volt, 35-60 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	273.38	25.36
		16MOD-0132 For Bolt-On, Add	44.04	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0456	EA	3 Pole, 240/480 Volt, 70-100 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	364.12	31.70
		16MOD-0132 For Bolt-On, Add	57.84	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		
16471-0457	EA	3 Pole, 240/480 Volt, 110-125 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	675.57	38.04
		16MOD-0132 For Bolt-On, Add	99.24	
		16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
		Note: Also for use with new interiors in panelboards.		
16471-0458	EA	3 Pole, 240/480 Volt, 150-225 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	853.23	49.31
		16MOD-0132 For Bolt-On, Add	125.76	
		16MOD-0136 For Installation In New Panelboard, Deduct	-27.30	
		Note: Also for use with new interiors in panelboards.		
16471-0459	EA	3 Pole, 240/480 Volt, 250 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,367.07	57.06
		16MOD-0132 For Bolt-On, Add	193.07	
		16MOD-0136 For Installation In New Panelboard, Deduct	-31.70	
		Note: Also for use with new interiors in panelboards.		
16471-0460	EA	3 Pole, 240/480 Volt, 300-400 A, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,456.12	60.58
		16MOD-0132 For Bolt-On, Add	205.44	
		16MOD-0136 For Installation In New Panelboard, Deduct	-33.46	
		Note: Also for use with new interiors in panelboards.		
16471-0461		Branch Circuit Breakers 35000 Amp Interrupting Capacity, Plug-On (16471-0361)		
		Note: Includes connection of electrical wire		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0462 EA 1 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	87.14	12.68
16MOD-0133 For Bolt-On, Add	15.82	
16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0463 EA 1 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	87.14	12.68
16MOD-0133 For Bolt-On, Add	15.82	
16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0464 EA 1 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	152.44	15.85
16MOD-0133 For Bolt-On, Add	25.22	
16MOD-0136 For Installation In New Panelboard, Deduct	-8.81	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0465 EA 2 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	191.52	19.02
16MOD-0133 For Bolt-On, Add	31.34	
16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0466 EA 2 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	191.52	19.02
16MOD-0133 For Bolt-On, Add	31.34	
16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0467 EA 2 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	351.95	25.36
16MOD-0133 For Bolt-On, Add	53.86	
16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0468 EA 2 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	656.87	31.70
16MOD-0133 For Bolt-On, Add	94.44	
16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0469 EA 2 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	1,283.51	39.45
16MOD-0133 For Bolt-On, Add	175.85	
16MOD-0136 For Installation In New Panelboard, Deduct	-22.02	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0470 EA 3 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	317.73	25.36
16MOD-0133 For Bolt-On, Add	49.58	
16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0471 EA 3 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	317.73	25.36
16MOD-0133 For Bolt-On, Add	49.58	
16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0472 EA 3 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	425.74	31.70
16MOD-0133 For Bolt-On, Add	65.55	
16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0473 EA 3 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	809.48	38.04
16MOD-0133 For Bolt-On, Add	115.98	
16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0474 EA 3 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	1,595.86	49.31
16MOD-0133 For Bolt-On, Add	218.59	
16MOD-0136 For Installation In New Panelboard, Deduct	-27.30	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0475 Branch Circuit Breakers 42000 Amp Interrupting Capacity, Plug-On <small>(16471-0361)</small>		
<i>Note: Includes connection of electrical wire</i>		
16471-0476 EA 1 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	129.75	12.68
16MOD-0134 For Bolt-On, Add	21.15	
16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0477 EA 1 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	129.75	12.68
16MOD-0134 For Bolt-On, Add	21.15	
16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0478 EA 1 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	197.76	15.85
16MOD-0134 For Bolt-On, Add	30.88	
16MOD-0136 For Installation In New Panelboard, Deduct	-8.81	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0479 EA 2 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	240.82	19.02
16MOD-0134 For Bolt-On, Add	37.50	
16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0480 EA 2 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	240.82	19.02
16MOD-0134 For Bolt-On, Add	37.50	
16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0481 EA 2 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	458.08	25.36
16MOD-0134 For Bolt-On, Add	67.12	
16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0482 EA 2 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	836.95	31.70
16MOD-0134 For Bolt-On, Add	116.95	
16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
<i>Note: Also for use with new interiors in panelboards.</i>		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0483	EA	2 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	1,679.76	35.22
		16MOD-0134 For Bolt-On, Add	223.53	
		16MOD-0136 For Installation In New Panelboard, Deduct	-19.37	
		Note: Also for use with new interiors in panelboards.		
16471-0484	EA	3 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	416.52	25.36
		16MOD-0134 For Bolt-On, Add	61.93	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0485	EA	3 Pole, 240 Volt, 35-60 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	416.52	25.36
		16MOD-0134 For Bolt-On, Add	61.93	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0486	EA	3 Pole, 240 Volt, 70-100 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	578.37	31.70
		16MOD-0134 For Bolt-On, Add	84.63	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		
16471-0487	EA	3 Pole, 240 Volt, 110-125 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	943.39	38.04
		16MOD-0134 For Bolt-On, Add	132.72	
		16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
		Note: Also for use with new interiors in panelboards.		
16471-0488	EA	3 Pole, 240 Volt, 150-225 A, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	2,117.80	49.31
		16MOD-0134 For Bolt-On, Add	283.83	
		16MOD-0136 For Installation In New Panelboard, Deduct	-27.30	
		Note: Also for use with new interiors in panelboards.		
16471-0489		Branch Circuit Breakers 65000 Amp Interrupting Capacity, Plug-On <small>(16471-0361)</small>		
		Note: Includes connection of electrical wire		
16471-0490	EA	1 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	56.20	12.68
		16MOD-0135 For Bolt-On, Add	11.95	
		16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
		Note: Also for use with new interiors in panelboards.		
16471-0491	EA	2 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	121.26	19.02
		16MOD-0135 For Bolt-On, Add	22.55	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0492	EA	3 Pole, 240 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	193.96	25.36
		16MOD-0135 For Bolt-On, Add	34.11	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0493	EA	1 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	122.45	12.68
		16MOD-0135 For Bolt-On, Add	20.24	
		16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
		Note: Also for use with new interiors in panelboards.		
16471-0494	EA	1 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	122.45	12.68
		16MOD-0135 For Bolt-On, Add	20.24	
		16MOD-0136 For Installation In New Panelboard, Deduct	-7.04	
		Note: Also for use with new interiors in panelboards.		
16471-0495	EA	1 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	243.83	25.36
		16MOD-0135 For Bolt-On, Add	40.34	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0496	EA	2 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	281.43	19.02
		16MOD-0135 For Bolt-On, Add	42.58	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0497	EA	2 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	281.43	19.02
		16MOD-0135 For Bolt-On, Add	42.58	
		16MOD-0136 For Installation In New Panelboard, Deduct	-10.57	
		Note: Also for use with new interiors in panelboards.		
16471-0498	EA	2 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	549.61	25.36
		16MOD-0135 For Bolt-On, Add	78.56	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0499	EA	2 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	938.54	31.70
		16MOD-0135 For Bolt-On, Add	129.65	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		
16471-0500	EA	2 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,081.09	39.45
		16MOD-0135 For Bolt-On, Add	275.55	
		16MOD-0136 For Installation In New Panelboard, Deduct	-22.02	
		Note: Also for use with new interiors in panelboards.		
16471-0501	EA	3 Pole, 480 Volt, 15-30 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	474.62	25.36
		16MOD-0135 For Bolt-On, Add	69.19	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0502	EA	3 Pole, 480 Volt, 35-60 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	474.62	25.36
		16MOD-0135 For Bolt-On, Add	69.19	
		16MOD-0136 For Installation In New Panelboard, Deduct	-14.09	
		Note: Also for use with new interiors in panelboards.		
16471-0503	EA	3 Pole, 480 Volt, 70-100 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	662.72	31.70
		16MOD-0135 For Bolt-On, Add	95.17	
		16MOD-0136 For Installation In New Panelboard, Deduct	-17.61	
		Note: Also for use with new interiors in panelboards.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0504 EA 3 Pole, 480 Volt, 110-125 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	1,017.27	38.04
16MOD-0135 For Bolt-On, Add	141.95	
16MOD-0136 For Installation In New Panelboard, Deduct	-21.13	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0505 EA 3 Pole, 480 Volt, 150-225 A, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	2,587.82	49.31
16MOD-0135 For Bolt-On, Add	342.59	
16MOD-0136 For Installation In New Panelboard, Deduct	-27.30	
<i>Note: Also for use with new interiors in panelboards.</i>		
16471-0506 Assembled Lighting And Power Panelboards Interior ⁽¹⁶⁴⁷¹⁾		
<i>Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.</i>		
16471-0507 "I-Line" Panelboards, 600 VAC Or 250 VDC ⁽¹⁶⁴⁷¹⁻⁰⁵⁰⁶⁾		
16471-0508 Main Lug ⁽¹⁶⁴⁷¹⁻⁰⁵⁰⁷⁾		
16471-0509 EA 400 Amp, 27 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	1,399.62	209.63
16471-0510 EA 400 Amp, 45 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	1,662.39	209.57
16471-0511 EA 400 Amp, 63 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	1,860.22	209.57
16471-0512 EA 600 Amp, 27 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	2,053.52	344.17
16471-0513 EA 600 Amp, 45 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	2,206.63	344.17
16471-0514 EA 600 Amp, 63 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	2,374.65	344.17
16471-0515 EA 800 Amp, 27 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	2,509.84	457.52
16471-0516 EA 800 Amp, 45 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	2,656.26	458.88
16471-0517 EA 800 Amp, 63 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	2,717.15	457.52
16471-0518 EA 800 Amp, 99 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 250 A Max Breaker.....	3,202.92	457.52
16471-0519 EA 1200 Amp, 27 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 600 A Max Breaker.....	4,114.48	688.34
16471-0520 EA 1200 Amp, 45 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 600 A Max Breaker.....	4,445.10	688.34
16471-0521 EA 1200 Amp, 63 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 600 A Max Breaker.....	4,715.43	688.34
16471-0522 EA 1200 Amp, 99 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Lug, 600 A Max Breaker.....	5,045.37	688.34
16471-0523 Main Breaker ⁽¹⁶⁴⁷¹⁻⁰⁵⁰⁷⁾		
16471-0524 EA 225 Amp, 36 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	2,829.20	214.08
16471-0525 EA 400 Amp, 27 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	3,738.99	242.80
16471-0526 EA 400 Amp, 45 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	3,930.05	242.80
16471-0527 EA 400 Amp, 81 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	4,492.37	242.80
16471-0528 EA 600 Amp, 36 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	5,806.20	398.01
16471-0529 EA 600 Amp, 72 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	6,121.32	399.11
16471-0530 EA 600 Amp, 72 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 600 A Max Breaker.....	6,382.08	398.01
16471-0531 EA 800 Amp, 36 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	7,322.34	532.10
16471-0532 EA 800 Amp, 72 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 250 A Max Breaker.....	7,697.31	530.23
16471-0533 EA 800 Amp, 72 Inch Total Breaker Mounted Space, 600 V, 3 Phase, Main Breaker, 600 A Max Breaker.....	8,069.93	530.23
16471-0534 Residential Lighting And Power Panelboards ⁽¹⁶⁴⁷¹⁾		
16471-0535 Residential Type Unassembled Load Center ⁽¹⁶⁴⁷¹⁻⁰⁵³⁴⁾		
<i>Note: Interior box and cover, includes ground bar kit</i>		
16471-0536 Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC ⁽¹⁶⁴⁷¹⁻⁰⁵³⁵⁾		
<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta</i>		
16471-0537 EA 60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled.....	151.69	38.74
16471-0538 EA 125 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled.....	291.04	42.27
16471-0539 Main Lug Load Center, 3 Wire 120/240 V, 1 Phase, Rainproof ⁽¹⁶⁴⁷¹⁻⁰⁵³⁵⁾		
16471-0540 EA 40 A, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled.....	154.73	38.74
16471-0541 EA 70 A, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled.....	173.26	42.27
16471-0542 EA 100 A, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled.....	569.56	201.12
16471-0543 EA 150 A, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled.....	1,290.68	457.90
16471-0544 Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC ⁽¹⁶⁴⁷¹⁻⁰⁵³⁵⁾		
<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.</i>		
16471-0545 EA 60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled.....	197.91	38.74
16471-0546 EA 125 A, 20 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled.....	1,261.93	422.74
16471-0547 Main Breaker Load Center, 3 Wire, 120/240 V, Single Phase ⁽¹⁶⁴⁷¹⁻⁰⁵³⁵⁾		
16471-0548 EA 125 A, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled.....	1,380.64	422.74
16471-0549 EA 150 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled.....	1,499.30	457.90
16471-0550 EA 300 A, 42 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 V, Single Phase, Unassembled.....	5,917.46	704.45
16471-0551 Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC ⁽¹⁶⁴⁷¹⁻⁰⁵³⁵⁾		
<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta</i>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0552	EA	125 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	2,147.51	422.74
16471-0553	EA	150 A, 40 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	2,344.73	457.90
16471-0554	EA	300 A, 42 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Unassembled	6,562.72	704.45
16471-0555		Main Breaker Load Center, 3 Wire 120/240 V, 1 Phase, Rainproof (16471-0535)		
16471-0556	EA	125 A, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	1,466.46	422.74
16471-0557	EA	150 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 V, 1 Phase, Rainproof, Unassembled	1,645.86	457.90
16471-0558		Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC (16471-0535)		
Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof				
16471-0559	EA	125 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled	2,289.84	422.74
16471-0560	EA	155 A, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 V AC, 3 Phase 4 Wire 240/120 V AC Delta, 3 Phase 3 Wire 240 V AC Delta, Rainproof, Unassembled	2,360.18	457.90
16471-0561		Residential Type Assembled Load Center (16471-0534)		
16471-0562		Main Lug Load Center, 4 Wire, 20 Amp, 120/208 V (16471-0561)		
Note: Includes 1 pole plug-in breaker.				
16471-0563	EA	125 A Main Lugs, Indoor, 12 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	700.95	234.94
16471-0564	EA	125 A Main Lugs, Indoor, 18 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,043.79	352.23
16471-0565	EA	125 A Main Lugs, Rainproof, 12 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	744.53	234.94
16471-0566	EA	125 A Main Lugs, Rainproof, 18 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,083.40	352.23
16471-0567	EA	200 A Main Lugs, Indoor, 24 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,329.26	433.59
16471-0568	EA	200 A Main Lugs, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,454.21	469.67
16471-0569	EA	200 A Main Lugs, Indoor, 36 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,787.68	563.77
16471-0570	EA	200 A Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,128.52	704.45
16471-0571	EA	200 A Main Lugs, Rainproof, 24 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,375.47	433.59
16471-0572	EA	200 A Main Lugs, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,506.53	469.38
16471-0573	EA	200 A Main Lugs, Rainproof, 36 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,965.22	563.35
16471-0574	EA	200 A Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,306.77	704.45
16471-0575	EA	400 A Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,654.77	782.72
16471-0576	EA	400 A Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,813.21	782.72
16471-0577		Main Breaker Load Center, 3 Wire, 20 Amp, 120/240 V, 1 Phase (16471-0561)		
Note: Includes 1 pole plug-in breaker.				
16471-0578	EA	125 A Main Breaker, Indoor, 12 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	695.67	234.94
16471-0579	EA	125 A Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,025.30	352.23
16471-0580	EA	200 A Main Breaker, Indoor, 20 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,207.19	375.83
16471-0581	EA	200 A Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,382.49	433.80
16471-0582	EA	200 A Main Breaker, Indoor, 30 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, With 1 Pole Plug-In Breakers	1,526.83	469.67
16471-0583	EA	200 A Main Breaker, Indoor, 40 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	2,018.41	626.26
16471-0584	EA	200 A Main Breaker, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,220.39	375.83
16471-0585	EA	200 A Main Breaker, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,408.48	433.59
16471-0586	EA	200 A Main Breaker, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,532.94	469.38
16471-0587	EA	200 A Main Breaker, Rainproof, 40 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	1,945.78	626.26
16471-0588	EA	400 A Main Breaker, Indoor, 42 Circuit, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	3,975.14	782.72
16471-0589	EA	400 A Main Breaker, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 V, 1 Phase, 1 Pole Plug-In Breaker	4,239.21	782.72
16471-0590		Main Breaker Load Center, 4 Wire, 20 Amp, 120/208 V (16471-0561)		
Note: Includes 1 pole plug-in breaker.				
16471-0591	EA	200 A Main Breaker, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,896.54	469.67
16471-0592	EA	200 A Main Breaker, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,551.04	704.45
16471-0593	EA	200 A Main Breaker, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	1,975.26	469.38
16471-0594	EA	200 A Main Breaker, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 V, 1 Pole Plug-In Breaker	2,630.26	704.45
16471-0595		Panel Mounted Accessories And Fuseholders (16471)		
16471-0596		Midget Finger-Safe Fuse Holders (16471-0595)		
Note: 30 Amp capacity. Excludes fuse.				
16471-0597	EA	1 Pole Midget Finger-Safe Fuse Holder	41.67	12.68
16471-0598	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	48.06	12.68
16471-0599	EA	2 Pole Midget Finger-Safe Fuse Holder	66.58	19.02
16471-0600	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	83.27	19.02
16471-0601	EA	3 Pole Midget Finger-Safe Fuse Holder	96.66	25.36
16471-0602	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	118.83	25.36
16471-0603	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	137.37	25.36
Note: With indicators.				
16471-0604	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	112.79	25.36
16471-0605	EA	4 Pole Midget Finger-Safe Fuse Holder	121.63	31.70
16471-0606	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	145.97	31.70
16471-0607	EA	12 To 24 VDC Midget Finger-Safe Fuse Holder	48.08	12.68
Note: With indicator.				



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16471-0608 EA 20 To 24 VDC Midget Finger-Safe Fuse Holder Note: With indicator.	51.48	12.68
16471-0609 EA 35 To 48 VDC Midget Finger-Safe Fuse Holder Note: With indicator.	48.71	12.68
16471-0610 Removal And Reinstallation Of Panelboards (16471) Note: Includes storage, cleaning and supply materials		
16471-0611 EA Remove And Reinstall Panelboards With Breakers, Up To 42 Circuit Capacity Note: Includes removal and reinstallation of main wiring to panelboard.	885.89	
16471-0612 EA Remove And Reinstall Breaker, 1-2-3 Pole, Any Amperage.....	47.32	
16471-0613 EA Panelboard Filler Plate, Fits 1" Opening.....	3.74	
16480 Power Distribution Unit (16400) Note: Includes wiring connections and testing		
16480-0001 Power Distribution Unit (16480) Note: Complete with spike suppresser, K-20 transformer 4 panelboards (42 space panels), transient suppression plate, high voltage junction box, low voltage junction box, power monitor panel, one year warranty. Input shall be 3 phase, 3 wire, 480 volts, output shall be 120/208 volts, 3 phase, 4 wire. Transformer shall be double-shielded, all copper windings class H 220 degree C insulation, monitor panel shall be LCD. Monitored parameters are input and output voltages, output, neutral and ground currents, output power, power factor, percent, load, frequency, alarm conditions shall be as follows: output over and under voltages, output overload, neutral and ground over currents; transformer over temperature; frequency deviation; phase sequence error; phase loss; 5 customer specified alarm conditions.		
16480-0002 EA 125 KVA Power Distribution Unit.....	21,417.18	1,303.25
16480-0003 Liebert PPC (16480) Note: With K20 Trans Spike Suppression Modules Lighting/ Surge Arrestors. Includes start-up		
16480-0004 EA PDU 15 KVA 480-208/120 Model PPA01C.....	9,459.40	281.78
16480-0005 EA PDU 15 KVA 208-208/120 Model PPC015C.....	9,147.14	281.78
16480-0006 EA PDU 30 KVA 480-208/120 Model PPA030C.....	10,604.34	281.78
16480-0007 EA PDU 30 KVA 208-208/120 Model PPC030C.....	10,968.64	281.78
16480-0008 EA PDU 50 KVA 480-208/120 Model PPA050C.....	11,922.75	281.78
16480-0009 EA PDU 50 KVA 208-208/120 Model PPC050C.....	12,432.42	281.78
16480-0010 EA PDU 75 KVA 480-208/120 Model PPA075C.....	13,102.39	281.78
16480-0011 EA PDU 75 KVA 208-208/120 Model PPC075C.....	14,247.33	281.78
16480-0012 EA PDU 100 KVA 480-208/120 Model PPA100C.....	14,125.89	281.78
16480-0013 EA PDU 100 KVA 208-208/120 Model PPC100C.....	15,426.96	281.78
16480-0014 EA PDU 125 KVA 480-208/120 Model PPA125C.....	15,739.22	281.78
16480-0015 EA PDU 125 KVA 208-208/120 Model PPC125C.....	17,196.41	281.78
16480-0016 EA PDU 150 KVA 480-208/120 Model PPA150C.....	18,965.87	281.78
16480-0017 EA PDU 150 KVA 208-208/120 Model PPC150C.....	19,746.51	281.78
16480-0018 EA PDU 200 KVA 480-208/120 Model PPA200C.....	20,665.93	281.78
16480-0019 EA PDU 225 KVA 480-208/120 Model PPA225C.....	21,741.48	281.78
16480-0020 EA Ex Panelboard 10-30 KVA.....	824.38	70.45
16480-0021 EA Ex Panelboard 50-125 KVA.....	1,188.68	70.45
16480-0022 EA Ex Panelboard 150-220 KVA.....	2,645.88	70.45
16480-0023 EA Remove And Reinstall, Power Distribution Unit..... Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,126.78	
16480-0024 EA Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only.....	818.76	
16500 Lighting (16000) Note: Light fixtures include one set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports. Includes testing of fixtures. Demolition includes removal of pendants. Material prices for commonly used lamps and fixtures may be less than those for smaller less commonly used ones.		
16501 Lamps (16500)		
16501-0001 Lamps For Replacement In Existing Fixtures (16501) Note: Includes removal of existing lamp from fixture. Excludes disposal of hazardous lamps. See CSI section 16501-0087 for disposal of hazardous lamps.		
16501-0002 Halogen Lamps (16501-0001)		
16501-0003 EA 300 Watt, T3, Tungsten Halogen Lamp.....	41.88	
16501-0004 EA 500 Watt, T3, Tungsten Halogen Lamp.....	55.06	
16501-0005 EA 1000 Watt, T3, Tungsten Halogen Lamp.....	83.68	
16501-0006 EA 60 Watt, PAR38, Halogen Lamp.....	18.45	
16501-0007 EA 75 Watt, PAR38, Halogen Lamp.....	18.45	
16501-0008 EA 90 Watt, PAR38, Halogen Lamp.....	17.28	
16501-0009 EA 100 Watt, PAR38, Halogen Lamp.....	17.28	
16501-0010 Exit Light Lamps (16501-0001)		
16501-0011 EA Convert Exit Light Lamps To Red LED Lamps..... 16MOD-0288 For Green LED Lamps, Add	74.03 25.00	
16501-0012 EA Fluorescent Lamp For Exit Light..... 16MOD-0263 For Multiple Lamps In Fixture, Deduct	21.50 -4.66	

16000 Electrical**16500 Lighting****16501 Lamps**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16501-0013	EA	Lamp Replacement For Emergency Lights On Exit Sign	33.79	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.33	
16501-0014		Fluorescent Lamps <small>(16501-0001)</small>		
16501-0015	EA	18", 15 Watt, Preheat T8 Fluorescent Lamp	11.22	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0016	EA	2', 17 Watt, Rapid Start T8 Fluorescent Lamp	10.04	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0017	EA	3', 25 Watt, Rapid Start T8 Fluorescent Lamp	12.43	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0018	EA	4', 28 Watt, Rapid Start T8 Fluorescent Lamp	12.94	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0019	EA	4', 32 Watt, Rapid Start T8 Fluorescent Lamp	8.83	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0020	EA	8', 59 Watt, Instant Start T8 Fluorescent Lamp	20.65	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0021	EA	18", 15 Watt, Preheat T12 Fluorescent Lamp	16.29	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0022	EA	2', 20 Watt, Preheat T12 Fluorescent Lamp	15.97	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0023	EA	3', 30 Watt, Preheat T12 Fluorescent Lamp	16.29	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0024	EA	4', 32 Watt, Rapid Start T12 Fluorescent Lamp	10.49	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0025	EA	4', 40 Watt, Rapid Start T12 Fluorescent Lamp	12.38	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0026	EA	8', 60 Watt, Instant Start T12 Fluorescent Lamp	12.65	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0027	EA	8', 75 Watt, Instant Start T12 Fluorescent Lamp	20.79	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.10	
16501-0028	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	18.47	
16501-0029	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	23.12	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0030	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	16.90	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0031	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	18.63	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0032	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	28.58	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.86	
16501-0033	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	23.62	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.33	
16501-0034	EA	35 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	30.76	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.33	
16501-0035	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	32.25	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-2.33	
16501-0036	EA	6", 4 Watt, T5 Fluorescent Lamp	12.14	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.16	
16501-0037	EA	9", 6 Watt, T5 Fluorescent Lamp	12.14	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.16	
16501-0038	EA	12", 8 Watt, T5 Fluorescent Lamp	11.99	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.29	
16501-0039	EA	21", 13 Watt, T5 Fluorescent Lamp	24.96	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.46	
16501-0040	EA	34", 21 Watt, T5 Fluorescent Lamp	20.13	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.62	
16501-0041	EA	46", 28 Watt, T5 Fluorescent Lamp	20.75	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.82	
16501-0042	EA	46", 54 Watt T5 Fluorescent Lamp	21.53	
16501-0043	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	9.95	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.16	
16501-0044	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	21.06	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.16	
16501-0045	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	26.91	
	16MOD-0263	For Multiple Lamps In Fixture, Deduct	-1.16	
16501-0046	EA	Compact Fluorescent 13W, 4-Pin Lamps CF13DD/E/827, Dulux	16.69	
16501-0047	EA	Compact Fluorescent 18W, 4-Pin Lamps CF18DD/E/827, Dulux	16.69	
16501-0048	EA	32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin	30.16	
16501-0049	EA	26 Watt (1600 Lumens) 4-pin Quad Tube PL Lamp	11.35	
16501-0050		Mercury Vapor Lamps <small>(16501-0001)</small>		
16501-0051	EA	100 Watt, Mercury Vapor Lamp	41.35	
16501-0052	EA	175 Watt, Mercury Vapor Lamp	50.16	
16501-0053	EA	250 Watt, Mercury Vapor Lamp	52.15	
16501-0054	EA	400 Watt, Mercury Vapor Lamp	62.73	
16501-0055	EA	1000 Watt, Mercury Vapor Lamp	111.12	
16501-0056		Metal Halide Lamps <small>(16501-0001)</small>		
16501-0057	EA	35 Watt, Metal Halide Lamp	94.40	
	16MOD-0137	For Pulse Start Lamps, Add	8.35	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	16501-0058	EA 50 Watt, Metal Halide Lamp.....	65.72	
		16MOD-0137 For Pulse Start Lamps, Add	5.48	
	16501-0059	EA 70 Watt, Metal Halide Lamp.....	56.58	
		16MOD-0137 For Pulse Start Lamps, Add	4.56	
	16501-0060	EA 100 Watt, Metal Halide Lamp.....	56.58	
		16MOD-0137 For Pulse Start Lamps, Add	4.56	
	16501-0061	EA 150 Watt, Metal Halide Lamp.....	63.56	
		16MOD-0137 For Pulse Start Lamps, Add	5.26	
	16501-0062	EA 175 Watt, Metal Halide Lamp.....	40.19	
	16501-0063	EA 175 Watt, Pulse Start Metal Halide Lamp.....	68.55	
	16501-0064	EA 250 Watt, Metal Halide Lamp.....	41.35	
	16501-0065	EA 250 Watt, Pulse Start Metal Halide Lamp.....	70.76	
	16501-0066	EA 400 Watt, Metal Halide Lamp.....	39.71	
	16501-0067	EA 400 Watt, Pulse Start Metal Halide Lamp.....	77.41	
	16501-0068	EA 1000 Watt, Metal Halide Lamp.....	79.56	
	16501-0069	EA 1000 Watt, Pulse Start Metal Halide Lamp.....	117.28	
	16501-0070	EA 1500 Watt, Metal Halide Lamp.....	205.88	
	16501-0071	High Pressure Sodium Lamps <small>(16501-0001)</small>		
	16501-0072	EA 35 Watt, High Pressure Sodium Lamp.....	48.89	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0073	EA 50 Watt, High Pressure Sodium Lamp.....	40.19	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0074	EA 70 Watt, High Pressure Sodium Lamp.....	40.19	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0075	EA 100 Watt, High Pressure Sodium Lamp.....	42.96	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0076	EA 150 Watt, High Pressure Sodium Lamp.....	44.90	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0077	EA 250 Watt, High Pressure Sodium Lamp.....	44.00	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0078	EA 400 Watt, High Pressure Sodium Lamp.....	83.17	
		16MOD-0138 For Enclosed And Gasket Light Fixtures, Add	1.64	
	16501-0079	EA 1000 Watt, High Pressure Sodium Lamp.....	113.23	
	16501-0080	Low Pressure Sodium Lamps <small>(16501-0001)</small>		
	16501-0081	EA 35 Watt, Low Pressure Sodium Lamp.....	46.39	
	16501-0082	EA 55 Watt, Low Pressure Sodium Lamp.....	47.95	
	16501-0083	EA 70 Watt, Low Pressure Sodium Lamp.....	47.95	
	16501-0084	EA 90 Watt, Low Pressure Sodium Lamp.....	47.50	
	16501-0085	EA 135 Watt, Low Pressure Sodium Lamp.....	50.77	
	16501-0086	EA 180 Watt, Low Pressure Sodium Lamp.....	68.90	
	16501-0087	Recycle Hazardous Lamps <small>(16501)</small>		
		Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 16501-0001 for removal of lamps from fixtures.		
	16501-0088	EA Recycle 2' Length Linear Fluorescent Lamps.....	0.22	
	16501-0089	EA Recycle 3' Length Linear Fluorescent Lamps.....	0.32	
	16501-0090	EA Recycle 4' Length Linear Fluorescent Lamps.....	0.43	
	16501-0091	EA Recycle 6' Length Linear Fluorescent Lamps.....	0.65	
	16501-0092	EA Recycle 8' Length Linear Fluorescent Lamps.....	0.86	
	16501-0093	EA Recycle Compact Fluorescent Lamps.....	0.39	
	16501-0094	EA Recycle U-Shaped Or Circular Fluorescent Lamps.....	0.39	
	16501-0095	EA Recycle HID Lamps.....	1.35	
	16502	Ballasts And Accessories <small>(16500)</small>		
	16502-0001	Lighting Ballasts <small>(16502)</small>		
		Note: Excludes recycling fees. See CSI section 16502-0429 for ballast recycling.		
	16502-0002	Fluorescent Ballasts <small>(16502-0001)</small>		
	16502-0003	T5 Fluorescent Ballasts <small>(16502-0002)</small>		
	16502-0004	T5 Fluorescent, Electronic Ballasts <small>(16502-0003)</small>		
		Note: 120/277 Volt.		
	16502-0005	14 Watt, T5 Fluorescent, Electronic Ballasts <small>(16502-0004)</small>		
	16502-0006	EA 1 Lamp, 14 Watt T5 Fluorescent, Programmed Start Electronic Ballast.....	69.50	17.65
	16502-0007	EA 2 Lamp, 14 Watt T5 Fluorescent, Programmed Start Electronic Ballast.....	70.91	19.06
	16502-0008	21 Watt, T5 Fluorescent, Electronic Ballasts <small>(16502-0004)</small>		
	16502-0009	EA 1 Lamp, 21 Watt T5 Fluorescent, Programmed Start Electronic Ballast.....	69.50	17.65
	16502-0010	EA 2 Lamp, 21 Watt T5 Fluorescent, Programmed Start Electronic Ballast.....	70.91	19.06
	16502-0011	24 Watt, T5 Fluorescent, Electronic Ballasts <small>(16502-0004)</small>		
	16502-0012	EA 1 Lamp, 24 Watt T5 Fluorescent, Programmed Start Electronic Ballast.....	69.50	17.65

16000 Electrical
16500 Lighting
16502 Ballasts And Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0013	EA	2 Lamp, 24 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.91	19.06
16502-0014		28 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0015	EA	1 Lamp, 28 Watt T5 Fluorescent, Programmed Start Electronic Ballast	69.50	17.65
16502-0016	EA	2 Lamp, 28 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.91	19.06
16502-0017		35 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0018	EA	1 Lamp, 35 Watt T5 Fluorescent, Programmed Start Electronic Ballast	69.50	17.65
16502-0019	EA	2 Lamp, 35 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.91	19.06
16502-0020		39 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0021	EA	1 Lamp, 39 Watt T5 Fluorescent, Programmed Start Electronic Ballast	69.50	17.65
16502-0022	EA	2 Lamp, 39 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.91	19.06
16502-0023		50 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0024	EA	1 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.27	17.65
16502-0025	EA	2 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	71.68	19.06
16502-0026	EA	3 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	105.39	20.47
16502-0027	EA	4 Lamp, 50 Watt T5 Fluorescent, Programmed Start Electronic Ballast	106.80	21.88
16502-0028		54 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0029	EA	1 Lamp, 54 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.27	17.65
16502-0030	EA	2 Lamp, 54 Watt T5 Fluorescent, Programmed Start Electronic Ballast	71.68	19.06
16502-0031	EA	4 Lamp, 54 Watt T5 Fluorescent, Programmed Start Electronic Ballast	106.80	21.88
16502-0032		55 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0033	EA	1 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.27	17.65
16502-0034	EA	2 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	71.68	19.06
16502-0035	EA	3 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	105.39	20.47
16502-0036	EA	4 Lamp, 55 Watt T5 Fluorescent, Programmed Start Electronic Ballast	106.80	21.88
16502-0037		58 Watt, T5 Fluorescent, Electronic Ballasts (16502-0004)		
16502-0038	EA	1 Lamp, 58 Watt T5 Fluorescent, Programmed Start Electronic Ballast	70.27	17.65
16502-0039	EA	2 Lamp, 58 Watt T5 Fluorescent, Programmed Start Electronic Ballast	71.68	19.06
16502-0040	EA	4 Lamp, 58 Watt T5 Fluorescent, Programmed Start Electronic Ballast	106.80	21.88
16502-0041		T5 Fluorescent, High-Output Electronic Ballasts (16502-0003)		
		Note: 120/277 Volt.		
16502-0042	EA	1 Lamp, 12 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	70.66	17.65
16502-0043	EA	2 Lamp, 12 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	72.07	19.06
16502-0044	EA	1 Lamp, 25 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	65.85	17.65
16502-0045	EA	2 Lamp, 25 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	67.26	19.06
16502-0046	EA	1 Lamp, 39 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	65.85	17.65
16502-0047	EA	2 Lamp, 39 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	67.26	19.06
16502-0048	EA	1 Lamp, 54 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	70.66	17.65
16502-0049	EA	2 Lamp, 54 Watt T5 Fluorescent, Programmed Start High-Output Electronic Ballast	72.07	19.06
16502-0050		T5 Fluorescent, Light Level Switching Electronic Ballasts (16502-0003)		
		Note: 120/277 Volt.		
16502-0051		28 Watt, T5 Fluorescent, Light Level Switching Electronic Ballasts (16502-0050)		
16502-0052	EA	2 Lamp, 28 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	106.00	19.06
16502-0053		54 Watt, T5 Fluorescent, Light Level Switching Electronic Ballasts (16502-0050)		
16502-0054	EA	1 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	135.42	17.65
16502-0055	EA	2 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	136.83	19.06
16502-0056	EA	3 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	138.24	20.47
16502-0057	EA	4 Lamp, 54 Watt T5 Fluorescent, Light Level Switching Electronic Ballast	139.65	21.88
16502-0058		T5 Fluorescent, Electronic Dimming Ballasts (16502-0003)		
16502-0059		120 V, T5 Fluorescent, Electronic Dimming Ballasts (16502-0058)		
16502-0060		10% Dimming, T5 Fluorescent, 120 V, Electronic Dimming Ballasts (16502-0059)		
16502-0061	EA	2 Lamp, 28 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0062	EA	2 Lamp, 36 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0063	EA	3 Lamp, 36 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	174.53	20.47
16502-0064	EA	1 Lamp, 40 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	160.87	17.65
16502-0065	EA	2 Lamp, 40 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0066	EA	3 Lamp, 40 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	174.53	20.47
16502-0067	EA	1 Lamp, 50 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	160.87	17.65
16502-0068	EA	2 Lamp, 50 Watt T5 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0069	EA	2 Lamp, 39 Watt T5HO Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast.....	184.17	19.06
16502-0070	EA	2 Lamp, 54 Watt T5HO Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast.....	162.28	19.06
16502-0071		277 V, T5 Fluorescent, Electronic Dimming Ballasts (16502-0058)		
16502-0072		10% Dimming, T5 Fluorescent, 277 V, Electronic Dimming Ballasts (16502-0071)		
16502-0073	EA	2 Lamp, 28 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0074	EA	2 Lamp, 36 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0075	EA	3 Lamp, 36 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	174.53	20.47
16502-0076	EA	1 Lamp, 40 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	160.87	17.65
16502-0077	EA	2 Lamp, 40 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0078	EA	3 Lamp, 40 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	174.53	20.47
16502-0079	EA	1 Lamp, 50 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	160.87	17.65
16502-0080	EA	2 Lamp, 50 Watt T5 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0081	EA	2 Lamp, 39 Watt T5HO Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast.....	184.17	19.06
16502-0082	EA	2 Lamp, 54 Watt T5HO Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast.....	162.28	19.06
16502-0083		T8 Fluorescent Ballasts (16502-0002)		
16502-0084		T8 Fluorescent, Electromagnetic Ballasts (16502-0083)		
		Note: 120/277 Volt.		
16502-0085		25 Watt, T8 Fluorescent, Electromagnetic Ballasts (16502-0084)		
16502-0086	EA	2 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electromagnetic Ballast	65.80	19.06
16502-0087		32 Watt, T8 Fluorescent, Electromagnetic Ballasts (16502-0084)		
16502-0088	EA	1 Lamp, 32 Watt T8 Fluorescent, Instant Start Electromagnetic Ballast	56.07	17.65
16502-0089	EA	2 Lamp, 32 Watt T8 Fluorescent, Instant Start Electromagnetic Ballast	65.72	19.06
16502-0090	EA	2 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electromagnetic Ballast	65.80	19.06
16502-0091		T8 Fluorescent, Electronic Ballasts (16502-0083)		
		Note: 120/277 Volt.		
16502-0092		17 Watt, T8 Fluorescent, Electronic Ballasts (16502-0091)		
16502-0093	EA	1 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	46.38	17.65
16502-0094	EA	1 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	55.09	17.65
16502-0095	EA	1 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	58.71	17.65
16502-0096	EA	2 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	50.60	19.06
16502-0097	EA	2 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	55.36	19.06
16502-0098	EA	2 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	60.12	19.06
16502-0099	EA	3 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	53.07	20.47
16502-0100	EA	3 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	62.12	20.47
16502-0101	EA	3 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	67.26	20.47
16502-0102	EA	4 Lamp, 17 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.56	21.88
16502-0103	EA	4 Lamp, 17 Watt T8 Fluorescent, Rapid Start Electronic Ballast	66.08	21.88
16502-0104	EA	4 Lamp, 17 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	68.67	21.88
16502-0105		25 Watt, T8 Fluorescent, Electronic Ballasts (16502-0091)		
16502-0106	EA	1 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	46.38	17.65
16502-0107	EA	1 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	55.09	17.65
16502-0108	EA	1 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	58.71	17.65
16502-0109	EA	2 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	50.60	19.06
16502-0110	EA	2 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	55.36	19.06
16502-0111	EA	2 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	60.12	19.06
16502-0112	EA	3 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	53.07	20.47
16502-0113	EA	3 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	62.12	20.47
16502-0114	EA	3 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	67.26	20.47
16502-0115	EA	4 Lamp, 25 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.56	21.88
16502-0116	EA	4 Lamp, 25 Watt T8 Fluorescent, Rapid Start Electronic Ballast	66.08	21.88
16502-0117	EA	4 Lamp, 25 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	68.67	21.88
16502-0118		28 Watt, T8 Fluorescent, Electronic Ballasts (16502-0091)		
16502-0119	EA	1 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	46.38	17.65
16502-0120	EA	1 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast	58.71	17.65
16502-0121	EA	2 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast	50.60	19.06
16502-0122	EA	2 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	60.12	19.06
16502-0123	EA	3 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	53.07	20.47
16502-0124	EA	3 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast	67.26	20.47
16502-0125	EA	4 Lamp, 28 Watt T8 Fluorescent, Instant Start Electronic Ballast	56.56	21.88
16502-0126	EA	4 Lamp, 28 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	68.67	21.88



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0127 32 Watt, T8 Fluorescent, Electronic Ballasts <small>(16502-0091)</small>		
16502-0128 EA 1 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	46.38	17.65
16502-0129 EA 1 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast.....	55.09	17.65
16502-0130 EA 1 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	58.71	17.65
16502-0131 EA 2 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	50.60	19.06
16502-0132 EA 2 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast.....	55.36	19.06
16502-0133 EA 2 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	60.12	19.06
16502-0134 EA 3 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	53.07	20.47
16502-0135 EA 3 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast.....	62.12	20.47
16502-0136 EA 3 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	67.26	20.47
16502-0137 EA 4 Lamp, 32 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	56.56	21.88
16502-0138 EA 4 Lamp, 32 Watt T8 Fluorescent, Rapid Start Electronic Ballast.....	66.08	21.88
16502-0139 EA 4 Lamp, 32 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	68.67	21.88
16502-0140 40 Watt, T8 Fluorescent, Electronic Ballasts <small>(16502-0091)</small>		
16502-0141 EA 1 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	52.75	17.65
16502-0142 EA 1 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	58.71	17.65
16502-0143 EA 2 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	54.16	19.06
16502-0144 EA 2 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	60.12	19.06
16502-0145 EA 3 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	63.65	20.47
16502-0146 EA 3 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	67.26	20.47
16502-0147 EA 4 Lamp, 40 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	65.06	21.88
16502-0148 EA 4 Lamp, 40 Watt T8 Fluorescent, Programmed Start Electronic Ballast.....	68.67	21.88
16502-0149 96 Watt, T8 Fluorescent, Electronic Ballasts <small>(16502-0091)</small>		
16502-0150 EA 1 Lamp, 96 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	63.38	17.65
16502-0151 EA 2 Lamp, 96 Watt T8 Fluorescent, Instant Start Electronic Ballast.....	64.79	19.06
16502-0152 T8 Fluorescent, High-Output Electronic Ballasts <small>(16502-0083)</small>		
Note: 120/277 Volt.		
16502-0153 EA 1 Lamp, 40 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	118.63	17.65
16502-0154 EA 2 Lamp, 40 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	120.04	19.06
16502-0155 EA 1 Lamp, 60 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	118.63	17.65
16502-0156 EA 2 Lamp, 60 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	120.04	19.06
16502-0157 EA 1 Lamp, 72 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	118.63	17.65
16502-0158 EA 2 Lamp, 72 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	120.04	19.06
16502-0159 EA 1 Lamp, 96 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	118.63	17.65
16502-0160 EA 2 Lamp, 96 Watt T8 Fluorescent, Programmed Start High-Output Electronic Ballast.....	120.04	19.06
16502-0161 T8 Fluorescent, Electronic Dimming Ballasts <small>(16502-0083)</small>		
16502-0162 120 V, T8 Fluorescent, Electronic Dimming Ballasts <small>(16502-0161)</small>		
16502-0163 1% Dimming, T8 Fluorescent, 120 V, Electronic Dimming Ballasts <small>(16502-0162)</small>		
16502-0164 EA 1 Lamp, 25 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast.....	206.56	17.65
16502-0165 EA 2 Lamp, 25 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast.....	194.58	19.06
16502-0166 EA 1 Lamp, 32 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast.....	218.04	17.65
16502-0167 EA 2 Lamp, 32 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast.....	206.06	19.06
16502-0168 EA 3 Lamp, 32 Watt T8 Fluorescent, 120 V, 1% Light Level, Electronic Dimming Ballast.....	232.76	20.47
16502-0169 5% Dimming, T8 Fluorescent, 120 V, Electronic Dimming Ballasts <small>(16502-0162)</small>		
16502-0170 EA 1 Lamp, 17 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	102.39	17.65
16502-0171 EA 2 Lamp, 17 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	105.46	19.06
16502-0172 EA 3 Lamp, 17 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	121.71	20.47
16502-0173 EA 1 Lamp, 25 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	102.39	17.65
16502-0174 EA 2 Lamp, 25 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	105.46	19.06
16502-0175 EA 3 Lamp, 25 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	121.71	20.47
16502-0176 EA 1 Lamp, 32 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	102.39	17.65
16502-0177 EA 2 Lamp, 32 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	105.46	19.06
16502-0178 EA 3 Lamp, 32 Watt T8 Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	121.71	20.47
16502-0179 10% Dimming, T8 Fluorescent, 120 V, Electronic Dimming Ballasts <small>(16502-0162)</small>		
16502-0180 EA 2 Lamp, 25 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast.....	151.45	19.06
16502-0181 EA 1 Lamp, 32 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast.....	119.61	17.65
16502-0182 EA 2 Lamp, 32 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast.....	121.02	19.06
16502-0183 EA 3 Lamp, 32 Watt T8 Fluorescent, 120 V, 10% Light Level, Electronic Dimming Ballast.....	167.52	20.47
16502-0184 277 V, T8 Fluorescent, Electronic Dimming Ballasts <small>(16502-0161)</small>		
16502-0185 1% Dimming, T8 Fluorescent, 277 V, Electronic Dimming Ballasts <small>(16502-0184)</small>		
16502-0186 EA 2 Lamp, 25 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast.....	196.50	19.06
16502-0187 EA 1 Lamp, 32 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast.....	215.06	17.65
16502-0188 EA 2 Lamp, 32 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast.....	220.51	19.06



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0189	EA	3 Lamp, 32 Watt T8 Fluorescent, 277 V, 1% Light Level, Electronic Dimming Ballast	248.69	20.47
16502-0190		5% Dimming, T8 Fluorescent, 277 V, Electronic Dimming Ballasts (16502-0184)		
16502-0191	EA	1 Lamp, 17 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	106.18	17.65
16502-0192	EA	2 Lamp, 17 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	108.18	19.06
16502-0193	EA	3 Lamp, 17 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	128.76	20.47
16502-0194	EA	1 Lamp, 25 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	106.18	17.65
16502-0195	EA	2 Lamp, 25 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	108.18	19.06
16502-0196	EA	3 Lamp, 25 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	128.76	20.47
16502-0197	EA	1 Lamp, 32 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	106.18	17.65
16502-0198	EA	2 Lamp, 32 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	108.18	19.06
16502-0199	EA	3 Lamp, 32 Watt T8 Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	128.76	20.47
16502-0200		10% Dimming, T8 Fluorescent, 277 V, Electronic Dimming Ballasts (16502-0184)		
16502-0201	EA	2 Lamp, 32 Watt T8 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	121.02	19.06
16502-0202	EA	3 Lamp, 32 Watt T8 Fluorescent, 277 V, 10% Light Level, Electronic Dimming Ballast	162.85	20.47
16502-0203		T10 Fluorescent Ballasts (16502-0002)		
16502-0204		T10 Fluorescent, Electromagnetic Ballasts (16502-0203)		
		Note: 120/277 Volt.		
16502-0205		40 Watt, T10 Fluorescent, Electromagnetic Ballasts (16502-0204)		
16502-0206	EA	1 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electromagnetic Ballast	53.65	17.65
16502-0207	EA	2 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electromagnetic Ballast	44.86	19.06
16502-0208		T10 Fluorescent, Electronic Ballasts (16502-0203)		
		Note: 120/277 Volt.		
16502-0209		40 Watt, T10 Fluorescent, Electronic Ballasts (16502-0208)		
16502-0210	EA	1 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electronic Ballast	45.45	17.65
16502-0211	EA	2 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electronic Ballast	49.11	19.06
16502-0212	EA	3 Lamp, 40 Watt T10 Fluorescent, Rapid Start Electronic Ballast	50.52	20.47
16502-0213		T12 Fluorescent Ballasts (16502-0002)		
16502-0214		T12 Fluorescent, Electromagnetic Ballasts (16502-0213)		
		Note: 120/277 Volt.		
16502-0215		30 Watt, T12 Fluorescent, Electromagnetic Ballasts (16502-0214)		
16502-0216	EA	1 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	43.99	17.65
16502-0217	EA	2 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	65.80	19.06
16502-0218		34 Watt, T12 Fluorescent, Electromagnetic Ballasts (16502-0214)		
16502-0219	EA	1 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	43.99	17.65
16502-0220		40 Watt, T12 Fluorescent, Electromagnetic Ballasts (16502-0214)		
16502-0221	EA	1 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electromagnetic Ballast	53.65	17.65
16502-0222	EA	2 Lamp, 40 Watt T12 Fluorescent, Instant Start Slimline Electromagnetic Ballast.....	77.92	19.06
16502-0223		96 Watt, T12 Fluorescent, Electromagnetic Ballasts (16502-0214)		
16502-0224	EA	1 Lamp, 96 Watt T12 Fluorescent, Instant Start Slimline Electromagnetic Ballast.....	74.43	17.65
16502-0225	EA	2 Lamp, 96 Watt T12 Fluorescent, Instant Start Slimline Electromagnetic Ballast.....	63.39	19.06
16502-0226		T12 Fluorescent, Electronic Ballasts (16502-0213)		
		Note: 120/277 Volt.		
16502-0227		25 Watt, T12 Fluorescent, Electronic Ballasts (16502-0226)		
16502-0228	EA	1 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	46.38	17.65
16502-0229	EA	1 Lamp, 25 Watt T12 Fluorescent, Programmed Start Electronic Ballast	45.45	17.65
16502-0230	EA	2 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	50.60	19.06
16502-0231	EA	2 Lamp, 25 Watt T12 Fluorescent, Rapid Start Electronic Ballast	56.63	19.06
16502-0232	EA	2 Lamp, 25 Watt T12 Fluorescent, Programmed Start Electronic Ballast	46.86	19.06
16502-0233	EA	3 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	53.07	20.47
16502-0234	EA	4 Lamp, 25 Watt T12 Fluorescent, Instant Start Electronic Ballast	56.56	21.88
16502-0235		30 Watt, T12 Fluorescent, Electronic Ballasts (16502-0226)		
16502-0236	EA	1 Lamp, 30 Watt T12 Fluorescent, Programmed Start Electronic Ballast	45.45	17.65
16502-0237	EA	2 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electronic Ballast	56.63	19.06
16502-0238	EA	2 Lamp, 30 Watt T12 Fluorescent, Programmed Start Electronic Ballast	46.86	19.06
16502-0239	EA	3 Lamp, 30 Watt T12 Fluorescent, Rapid Start Electronic Ballast	45.66	20.47

16000 Electrical
16500 Lighting
16502 Ballasts And Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0240		34 Watt, T12 Fluorescent, Electronic Ballasts (16502-0226)		
16502-0241	EA	1 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electronic Ballast.....	47.10	17.65
16502-0242	EA	1 Lamp, 34 Watt T12 Fluorescent, Programmed Start Electronic Ballast.....	45.45	17.65
16502-0243	EA	2 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electronic Ballast.....	56.63	19.06
16502-0244	EA	2 Lamp, 34 Watt T12 Fluorescent, Programmed Start Electronic Ballast.....	46.86	19.06
16502-0245	EA	3 Lamp, 34 Watt T12 Fluorescent, Rapid Start Electronic Ballast.....	45.66	20.47
16502-0246		40 Watt, T12 Fluorescent, Electronic Ballasts (16502-0226)		
16502-0247	EA	1 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electronic Ballast.....	47.10	17.65
16502-0248	EA	1 Lamp, 40 Watt T12 Fluorescent, Programmed Start Electronic Ballast.....	45.45	17.65
16502-0249	EA	2 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electronic Ballast.....	56.63	19.06
16502-0250	EA	2 Lamp, 40 Watt T12 Fluorescent, Programmed Start Electronic Ballast.....	46.86	19.06
16502-0251	EA	3 Lamp, 40 Watt T12 Fluorescent, Rapid Start Electronic Ballast.....	45.66	20.47
16502-0252		96 Watt, T12 Fluorescent, Electronic Ballasts (16502-0226)		
16502-0253	EA	1 Lamp, 96 Watt T12 Fluorescent, Programmed Start Electronic Ballast.....	53.82	17.65
16502-0254	EA	2 Lamp, 96 Watt T12 Fluorescent, Programmed Start Electronic Ballast.....	64.79	19.06
16502-0255		T12 Fluorescent, High-Output Electronic Ballasts (16502-0213)		
16502-0256		120 V, T12 Fluorescent, High-Output Electronic Ballasts (16502-0255)		
16502-0257	EA	2 Lamp, 48 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast.....	87.14	19.06
16502-0258	EA	2 Lamp, 60 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast.....	87.14	19.06
16502-0259	EA	2 Lamp, 72 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast.....	87.14	19.06
16502-0260	EA	1 Lamp, 96 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast.....	85.73	17.65
16502-0261	EA	2 Lamp, 96 Watt T12 Fluorescent, 120 V, Rapid Start High-Output Electronic Ballast.....	87.14	19.06
16502-0262		277 V, T12 Fluorescent, High-Output Electronic Ballasts (16502-0255)		
16502-0263	EA	2 Lamp, 48 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast.....	98.54	19.06
16502-0264	EA	2 Lamp, 60 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast.....	98.54	19.06
16502-0265	EA	2 Lamp, 72 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast.....	98.54	19.06
16502-0266	EA	1 Lamp, 96 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast.....	97.13	17.65
16502-0267	EA	2 Lamp, 96 Watt T12 Fluorescent, 277 V, Rapid Start High-Output Electronic Ballast.....	98.54	19.06
16502-0268		Fluorescent Emergency Ballasts (16502-0002)		
		Note: 120/277 Volt.		
16502-0269	EA	One Lamp, 350-450 Lumens, Code Compliance, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B100).....	87.63	17.65
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-28.23	
16502-0270	EA	Two Lamp, 600-700 Lumens, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B60).....	111.93	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0271	EA	One Or Two Lamp, 1100-1400 Lumens, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B50).....	137.17	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0272	EA	One Or Two Lamp, 600-700 Lumens, Two Hour Illumination, Fluorescent Emergency Ballast (Bodine B70A).....	105.39	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0273	EA	Two Or Three Lamp, 2700-3400 Lumens, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B33).....	272.37	20.47
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-31.05	
16502-0274	EA	One Lamp, 225-450 Lumens, Four Hour Illumination, Fluorescent Emergency Ballast (Bodine B54).....	146.72	17.65
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-28.23	
16502-0275	EA	One Or Two Lamp, 325-1000 Lumens, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine B84CG).....	132.97	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0276	EA	One Or Two Lamp, 300-750 Lumens, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine B94CG).....	127.40	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0277	EA	One Lamp, 200-625 Lumens, Ninety Minute Illumination, Damp Location, Compact Fluorescent Emergency Ballast (Bodine B413).....	123.60	17.65
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-28.23	
16502-0278	EA	One Lamp, 300-650 Lumens, Damp Location, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine B463).....	135.75	17.65
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-28.23	
16502-0279	EA	One Or Two Lamp, 450-950 Lumens, Ninety Minute Illumination, Damp Location, Compact Fluorescent Emergency Ballast (Bodine B426).....	148.39	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0280	EA	One Or Two Lamp, 1100-1400 Lumens, Ninety Minute Illumination, Damp Location, Fluorescent Emergency Ballast (Bodine BDL500).....	144.53	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0281	EA	Two Lamp, 600-700 Lumens, Damp Location, Fluorescent Emergency Ballast (Bodine BDL600).....	137.30	19.06
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-29.65	
16502-0282	EA	One Lamp, 600-700 Lumens, Two Hour Illumination, Fluorescent Emergency Ballast (Bodine BDL700).....	123.60	17.65
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-28.23	
16502-0283	EA	One Lamp, 500-600 Lumens, Damp Location, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine BDL900).....	103.58	17.65
		16MOD-0252 For Factory Installation In New Fixtures, Deduct	-28.23	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0284	EA One Or Two Lamp, 300-750 Lumens, Damp Location, Ninety Minute Illumination, Compact Fluorescent Emergency Ballast (Bodine BDL94C).....	127.80	19.06
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-29.65	
16502-0285	EA One Lamp, 450 Lumens, Low Profile, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine LP400).....	126.51	17.65
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-28.23	
16502-0286	EA One Or Two Lamp, 1100-1400 Lumens, Self Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B50ST).....	221.33	19.06
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-29.65	
16502-0287	EA One Or Two Lamp, 1800-3500 Lumens, Self Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B30ST).....	172.71	19.06
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-29.65	
16502-0288	EA One Or Two Lamp, 1450-3500 Lumens, Remote Control Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B30RCT).....	291.92	19.06
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-29.65	
16502-0289	EA One Or Two Lamp, 1100-1400 Lumens, Remote Control Testing, Ninety Minute Illumination, Fluorescent Emergency Ballast (Bodine B50RCT).....	180.65	19.06
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-29.65	
16502-0290	EA One Or Two Lamp, 1100-3100 Lumens, Central Battery, Fluorescent Emergency Ballast With Voltage Sensing Circuit (Bodine CB90-48).....	94.67	19.06
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-29.65	
16502-0291	EA One Lamp, 1050-3200 Lumens, Interim Lighting For Generator Backup, Five Minute Illumination, Fluorescent Emergency Ballast (Bodine GEN1).....	142.39	17.65
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-28.23	
16502-0292	EA 250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250- SD).....	116.63	17.65
	<i>16MOD-0252 For Factory Installation In New Fixtures, Deduct</i>	-28.23	
16502-0293	Compact Fluorescent Ballasts <small>(16502-0001)</small>		
16502-0294	Compact Fluorescent, Electronic Ballasts <small>(16502-0293)</small> Note: 120/277 Volt.		
16502-0295	18 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0296	EA 1 Lamp, 18 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	53.48	17.65
16502-0297	EA 1 Lamp, 18 Watt Compact Fluorescent, Programmed Start Electronic Ballast.....	59.64	17.65
16502-0298	EA 2 Lamp, 18 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	54.89	19.06
16502-0299	EA 2 Lamp, 18 Watt Compact Fluorescent, Programmed Start Electronic Ballast.....	61.86	19.06
16502-0300	26 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0301	EA 1 Lamp, 26 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	53.48	17.65
16502-0302	EA 1 Lamp, 26 Watt Compact Fluorescent, Programmed Start Electronic Ballast.....	60.45	17.65
16502-0303	EA 2 Lamp, 26 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	87.70	19.06
16502-0304	EA 2 Lamp, 26 Watt Compact Fluorescent, Programmed Start Electronic Ballast.....	74.52	19.06
16502-0305	32 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0306	EA 1 Lamp, 32 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	53.48	17.65
16502-0307	EA 1 Lamp, 32 Watt Compact Fluorescent, Programmed Start Electronic Ballast.....	73.11	17.65
16502-0308	EA 2 Lamp, 32 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	87.70	19.06
16502-0309	40 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0310	EA 1 Lamp, 40 Watt Compact Fluorescent, Instant Start Electronic Ballast.....	76.34	17.65
16502-0311	EA 2 Lamp, 40 Watt Compact Fluorescent, Instant Start Electronic Ballast.....	77.75	19.06
16502-0312	EA 3 Lamp, 40 Watt Compact Fluorescent, Instant Start Electronic Ballast.....	89.66	20.47
16502-0313	42 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0314	EA 1 Lamp, 42 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	53.48	17.65
16502-0315	EA 1 Lamp, 42 Watt Compact Fluorescent, Programmed Start Electronic Ballast.....	73.11	17.65
16502-0316	EA 2 Lamp, 42 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	87.70	19.06
16502-0317	50 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0318	EA 1 Lamp, 50 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	61.91	17.65
16502-0319	EA 2 Lamp, 50 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	58.96	19.06
16502-0320	55 Watt, Compact Fluorescent, Electronic Ballasts <small>(16502-0294)</small>		
16502-0321	EA 1 Lamp, 55 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	61.91	17.65
16502-0322	EA 2 Lamp, 55 Watt Compact Fluorescent, Rapid Start Electronic Ballast.....	58.96	19.06
16502-0323	Compact Fluorescent, Electronic Dimming Ballasts <small>(16502-0293)</small>		
16502-0324	120 V, TBX Compact Fluorescent, Electronic Dimming Ballasts <small>(16502-0324)</small>		
16502-0325	5% Dimming, TBX Compact Fluorescent, 120 V, Electronic Dimming Ballasts <small>(16502-0324)</small>		
16502-0326	EA 1 Lamp, 26 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	149.61	17.65
16502-0327	EA 2 Lamp, 26 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast.....	162.28	19.06

16000 Electrical
16500 Lighting
16502 Ballasts And Accessories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0328 EA 1 Lamp, 32 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	149.61	17.65
16502-0329 EA 2 Lamp, 32 Watt TBX Compact Fluorescent, 120 V, 5% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0330 277 V, TBX Compact Fluorescent, Electronic Dimming Ballasts (16502-0323)		
16502-0331 5% Dimming, TBX Compact Fluorescent, 277 V, Electronic Dimming Ballasts (16502-0330)		
16502-0332 EA 1 Lamp, 26 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	149.61	17.65
16502-0333 EA 2 Lamp, 26 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0334 EA 1 Lamp, 32 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	149.61	17.65
16502-0335 EA 2 Lamp, 32 Watt TBX Compact Fluorescent, 277 V, 5% Light Level, Electronic Dimming Ballast	162.28	19.06
16502-0336 HID Ballasts (16502-0001)		
16502-0337 Magnetic HID Ballasts (16502-0336)		
16502-0338 Core And Coil HID Ballasts (16502-0337)		
16502-0339 Metal Halide, Core And Coil HID Ballasts (16502-0338)		
16502-0340 EA 1 Lamp, 100 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	215.74	17.65
16502-0341 EA 1 Lamp, 250 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	156.24	17.65
16502-0342 EA 1 Lamp, 250 Watt Metal Halide, 480 V, Core And Coil HID Ballast	156.24	17.65
16502-0343 EA 1 Lamp, 400 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	184.08	17.65
16502-0344 EA 1 Lamp, 400 Watt Metal Halide, 480 V, Core And Coil HID Ballast	184.08	17.65
16502-0345 EA 2 Lamp, 400 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	453.67	19.06
16502-0346 EA 1 Lamp, 1000 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	302.01	17.65
16502-0347 EA 1 Lamp, 1000 Watt Metal Halide, 480 V, Core And Coil HID Ballast	302.01	17.65
16502-0348 EA 1 Lamp, 1500 Watt Metal Halide, 120/277 V, Core And Coil HID Ballast	399.55	17.65
16502-0349 EA 1 Lamp, 1500 Watt Metal Halide, 480 V, Core And Coil HID Ballast	424.19	17.65
16502-0350 High Pressure Sodium, Core And Coil HID Ballasts (16502-0338)		
16502-0351 EA 1 Lamp, 50 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	230.19	17.65
16502-0352 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	212.76	17.65
16502-0353 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	218.29	17.65
16502-0354 EA 1 Lamp, 150 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	229.76	17.65
16502-0355 EA 1 Lamp, 150 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	268.22	17.65
16502-0356 EA 1 Lamp, 250 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	302.86	17.65
16502-0357 EA 1 Lamp, 250 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	302.86	17.65
16502-0358 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	292.02	17.65
16502-0359 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	292.02	17.65
16502-0360 EA 1 Lamp, 1000 Watt High Pressure Sodium, 120/277 V, Core And Coil HID Ballast	470.52	17.65
16502-0361 EA 1 Lamp, 1000 Watt High Pressure Sodium, 480 V, Core And Coil HID Ballast	470.52	17.65
16502-0362 Mounting Brackets For Core And Coil HID Ballasts (16502-0338)		
16502-0363 EA Single Mounting Bracket For Core And Coil Type	9.28	
16502-0364 EA Double Mounting Bracket For Core And Coil Type	15.36	
16502-0365 F-Can HID Ballasts (16502-0337)		
16502-0366 Metal Halide, F-Can HID Ballasts (16502-0365)		
16502-0367 EA 1 Lamp, 70 Watt Metal Halide, 120/277 V, F-Can HID Ballast.....	170.26	17.65
16MOD-0139 For Pulse Start Ballast, Add	14.56	
16502-0368 EA 1 Lamp, 100 Watt Metal Halide, 120/277 V, F-Can HID Ballast.....	176.42	17.65
16MOD-0139 For Pulse Start Ballast, Add	15.17	
16502-0369 EA 1 Lamp, 175 Watt Metal Halide, 120/277 V, F-Can HID Ballast.....	133.20	17.65
16MOD-0139 For Pulse Start Ballast, Add	10.85	
16502-0370 EA 1 Lamp, 250 Watt Metal Halide, 120/277 V, F-Can HID Ballast.....	161.34	17.65
16MOD-0139 For Pulse Start Ballast, Add	13.66	
16502-0371 EA 1 Lamp, 400 Watt Metal Halide, 120/277 V, F-Can HID Ballast.....	254.62	17.65
16MOD-0139 For Pulse Start Ballast, Add	22.99	
16502-0372 High Pressure Sodium, F-Can HID Ballasts (16502-0365)		
16502-0373 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 V, F-Can HID Ballast.....	179.19	17.65
16502-0374 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 V, F-Can HID Ballast.....	180.46	17.65
16502-0375 Postline HID Ballasts (16502-0337)		
16502-0376 Metal Halide, Postline HID Ballasts (16502-0375)		
16502-0377 EA 1 Lamp, 50 Watt Metal Halide, 120 V, Postline HID Ballast.....	353.32	17.65
16502-0378 High Pressure Sodium, Postline HID Ballasts (16502-0375)		
16502-0379 EA 1 Lamp, 35 Watt High Pressure Sodium, 120 V, Postline HID Ballast.....	330.33	17.65
16502-0380 EA 1 Lamp, 50 Watt High Pressure Sodium, 120 V, Postline HID Ballast.....	323.92	17.65
16502-0381 EA 1 Lamp, 70 Watt High Pressure Sodium, 120 V, Postline HID Ballast.....	338.11	17.65



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0382	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 V, Postline HID Ballast.....	394.02	17.65
16502-0383	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 V, Postline HID Ballast.....	411.43	17.65
16502-0384		Indoor Enclosed HID Ballasts (16502-0337)		
16502-0385		Metal Halide, Indoor Enclosed HID Ballasts (16502-0384)		
16502-0386	EA	1 Lamp, 175 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast.....	265.68	17.65
16502-0387	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast.....	300.95	17.65
16502-0388	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast.....	353.22	17.65
16502-0389	EA	1 Lamp, 400 Watt Metal Halide, 480 V, Indoor Enclosed HID Ballast.....	323.26	17.65
16502-0390	EA	2 Lamp, 400 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast.....	550.57	19.06
16502-0391	EA	2 Lamp, 400 Watt Metal Halide, 480 V, Indoor Enclosed HID Ballast.....	550.57	19.06
16502-0392	EA	1 Lamp, 1000 Watt Metal Halide, 120/277 V, Indoor Enclosed HID Ballast.....	605.68	17.65
16502-0393	EA	1 Lamp, 1000 Watt Metal Halide, 480 V, Indoor Enclosed HID Ballast.....	606.10	17.65
16502-0394		High Pressure Sodium, Indoor Enclosed HID Ballasts (16502-0384)		
16502-0395	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 V, Indoor Enclosed HID Ballast.....	529.18	17.65
16502-0396	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 V, Indoor Enclosed HID Ballast.....	555.52	17.65
16502-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 V, Indoor Enclosed HID Ballast.....	554.25	17.65
16502-0398	EA	1 Lamp, 1000 Watt High Pressure Sodium, 120/277 V, Indoor Enclosed HID Ballast.....	859.40	17.65
16502-0399	EA	1 Lamp, 1000 Watt High Pressure Sodium, 480 V, Indoor Enclosed HID Ballast.....	859.40	17.65
16502-0400		Outdoor Weatherproof HID Ballasts (16502-0337)		
16502-0401		Metal Halide, Outdoor Weatherproof HID Ballasts (16502-0400)		
16502-0402	EA	1 Lamp, 175 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast.....	348.76	17.65
16502-0403	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast.....	361.30	17.65
16502-0404	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast.....	402.95	17.65
16502-0405	EA	1 Lamp, 400 Watt Metal Halide, 480 V, Outdoor Weatherproof HID Ballast.....	405.92	17.65
16502-0406	EA	2 Lamp, 400 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast.....	611.77	19.06
16502-0407	EA	2 Lamp, 400 Watt Metal Halide, 480 V, Outdoor Weatherproof HID Ballast.....	616.44	19.06
16502-0408	EA	1 Lamp, 1000 Watt Metal Halide, 120/277 V, Outdoor Weatherproof HID Ballast.....	727.22	17.65
16502-0409	EA	1 Lamp, 1000 Watt Metal Halide, 480 V, Outdoor Weatherproof HID Ballast.....	723.82	17.65
16502-0410		High Pressure Sodium, Outdoor Weatherproof HID Ballasts (16502-0400)		
16502-0411	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast.....	472.65	17.65
16502-0412	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast.....	637.98	17.65
16502-0413	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast.....	688.12	17.65
16502-0414	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 V, Outdoor Weatherproof HID Ballast.....	723.82	17.65
16502-0415	EA	1 Lamp, 1000 Watt High Pressure Sodium, 120/277 V, Outdoor Weatherproof HID Ballast.....	1,036.20	17.65
16502-0416	EA	1 Lamp, 1000 Watt High Pressure Sodium, 480 V, Outdoor Weatherproof HID Ballast.....	943.55	17.65
16502-0417		Electronic HID Ballasts (16502-0336)		
16502-0418		Electronic Low Frequency HID Ballasts (16502-0417)		
16502-0419	EA	1 Lamp, 70 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	141.02	17.65
16502-0420	EA	1 Lamp, 100 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	141.02	17.65
16502-0421	EA	1 Lamp, 150 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	141.02	17.65
16502-0422	EA	1 Lamp, 250 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	326.24	17.65
16502-0423	EA	1 Lamp, 300 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	326.24	17.65
16502-0424	EA	1 Lamp, 320 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	326.24	17.65
16502-0425	EA	1 Lamp, 350 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	326.24	17.65
16502-0426	EA	1 Lamp, 400 Watt Metal Halide, 120/277 V, Electronic Low Frequency HID Ballast.....	326.24	17.65
16502-0427		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (16502-0001)		
		Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
16502-0428	EA	Remove TSCA-Exempt PCB And Non-PCB Ballast From A Demolished Fixture For Recycling.....	5.65	
16502-0429		Recycle TSCA-Exempt PCB And Non-PCB Ballasts (16502-0001)		
		Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
16502-0430	EA	Recycle Non-PCB Ballast Removed From Up To 4' Length Fixtures.....	0.81	
16502-0431	EA	Recycle Non-PCB Ballast Removed From >4' To 8' Length Fixtures.....	1.21	
16502-0432	EA	Recycle TSCA-Exempt PCB Ballast Removed From Up To 4' Length Fixtures.....	3.77	
16502-0433	EA	Recycle TSCA-Exempt PCB Ballast Removed From >4' To 8' Length Fixtures.....	8.62	
16502-0434		Disposal Of Leaking PCB And Non-PCB Ballasts (16502-0001)		
		Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
16502-0435	EA	Dispose Of Leaking Non-PCB Ballast Removed From Up To 4' Length Fixtures.....	2.02	
16502-0436	EA	Dispose Of Leaking Non-PCB Ballast Removed From >4' To 8' Length Fixtures.....	3.03	
16502-0437	EA	Dispose Of Leaking PCB Ballast Removed From Up To 4' Length Fixtures.....	5.66	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16502-0438	EA	Dispose Of Leaking PCB Ballast Removed From >4' To 8' Length Fixtures.....	12.94	
16502-0439		Owner Supplied Ballasts (16502-0001)		
16502-0440	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast.....	17.65	
16502-0441	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast.....	19.06	
16502-0442	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast.....	20.47	
16502-0443	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast.....	21.88	
16502-0444	EA	Install Owner Supplied, 1 Lamp HID Ballast.....	24.70	
16502-0445	EA	Install Owner Supplied, 2 Lamp HID Ballast.....	26.12	
16502-0446		Lighting Accessories (16502)		
16502-0447		Photocells (16502-0446)		
16502-0448	EA	Plug-In Photocell For Lighting Fixtures.....	51.35	
16502-0449	EA	Wired Photocell For Lighting Fixtures.....	122.92	
16502-0450		Supports For Light Fixtures (16502-0446)		
16502-0451	EA	Bracket For Mounting Light Fixture On Wall.....	74.99	
16502-0452		Modular Flexible Wiring Systems (16502-0446)		
16502-0453	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10).....	50.12	3.80
16502-0454	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15).....	58.24	3.80
16502-0455	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20).....	70.08	3.80
16502-0456	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15).....	58.24	3.80
16502-0457	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E).....	50.86	3.80
16502-0458	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13).....	74.70	3.80
16502-0459	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M).....	41.46	3.80
16502-0460	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E).....	46.73	3.80
16502-0461	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07).....	59.43	3.80
16502-0462	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07).....	59.43	3.80
16502-0463	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07).....	60.43	3.80
16502-0464	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07).....	60.06	3.80
16502-0465	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07).....	60.06	3.80
16502-0466	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15).....	68.93	3.80
16502-0467	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D).....	32.02	3.80
16502-0468	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E).....	29.95	3.80
16502-0469	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E).....	30.67	3.80
16502-0470	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E).....	38.35	3.80
16502-0471	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15).....	50.12	3.80
16502-0472	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15).....	51.37	3.80
16502-0473	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E).....	40.26	3.80
16502-0474	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E).....	29.95	3.80
16502-0475	EA	Remove And Reinstall Of Modular Wiring Complete Including Storage And Cleaning.....	31.69	
16502-0476		Lens And Accessories Replacement (16502-0446)		
16502-0477	EA	Parabolic Aluminum Louver Replacement.....	76.50	
16502-0478	EA	Visor For Fixtures.....	142.65	
16502-0479	EA	Replace Globe On Pole.....	183.48	
16502-0480	EA	Replace Lenses For Flat Top Pole Fixtures.....	66.47	
16502-0481	EA	Replace 1' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	21.17	
16502-0482	EA	Replace 2' x 2' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	22.30	
16502-0483	EA	Replace 2' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	27.21	
16502-0484	EA	Replace Slide-On Lampholder.....	8.84	
16502-0485	EA	Replace Screw Mount Lampholder.....	9.01	
16502-0486	EA	Replace Medium Bi-Pin Lampholder.....	10.51	
16502-0487	EA	Replace Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	12.82	
16502-0488	EA	Replace Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	14.32	
16502-0489	EA	Replace Compact Twin-Tube Lampholder, Snap-in.....	10.29	
16502-0490	EA	Replace Exterior Light Globes.....	41.65	
16505		Remove, Reinstall And Retrofit Lighting Fixtures (16500)		
16505-0001		Retrofit Existing (T12) Fluorescent Fixtures (16505)		
		Note: Excludes removal of ballasts from demolished fixtures for recycling. Excludes recycling or disposal of lamps and ballasts. See CSI section 16501-0087 for hazardous lamp recycling, 16502-0427 for removal of ballasts from demolished fixtures, 16502-0429 for ballast recycling, 16502-0434 for leaking ballast disposal.		
16505-0002		Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector (16505-0001)		
		Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring and cleaning of fixture.		
16505-0003	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp.....	70.08	
		16MOD-0290 For Specular Ballast Cover, Add.....	9.09	
16505-0004	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....	77.27	
		16MOD-0290 For Specular Ballast Cover, Add.....	10.52	
16505-0005	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....	96.30	
		16MOD-0290 For Specular Ballast Cover, Add.....	14.33	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16505-0006	EA Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps 16MOD-0290 For Specular Ballast Cover, Add	107.09 16.49	
16505-0007	Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector <small>(16505-0001)</small> Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring and cleaning of fixture.		
16505-0008	EA Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp..... 16MOD-0289 For Specular Reflector, Add	72.88 17.05	
16505-0009	EA Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... 16MOD-0289 For Specular Reflector, Add	80.40 17.05	
16505-0010	EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... 16MOD-0289 For Specular Reflector, Add	100.22 17.05	
16505-0011	EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	112.00 17.05	
16505-0012	Retrofit Existing (T12) Troffer Style Fluorescent Fixtures <small>(16505-0001)</small> Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring and cleaning of fixture.		
16505-0013	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	87.21 17.05	
16505-0014	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	94.40 17.05	
16505-0015	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	96.65 17.05	
16505-0016	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	104.34 17.05	
16505-0017	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	113.48 17.05	
16505-0018	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	97.75 17.05	
16505-0019	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	103.76 17.05	
16505-0020	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps 16MOD-0289 For Specular Reflector, Add	110.78 17.05	
16505-0021	Removal And Reinstallation Of Light Fixtures <small>(16505)</small> Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
16505-0022	EA Remove And Reinstall Lay-In Fluorescent Light Fixture	75.03	
16505-0023	EA Remove And Reinstall Surface Mounted Or Pendant Light Fixture	85.75	
16510	Interior Lighting <small>(16500)</small>		
16510-0001	Fluorescent Fixtures <small>(16510)</small>		
16510-0002	Surface Mounted, Wraparound Fluorescent Fixtures <small>(16510-0001)</small>		
16510-0003	6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures <small>(16510-0002)</small>		
16510-0004	EA 1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	94.91	20.16
16510-0005	EA 2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	107.58	20.16
16510-0006	6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(16510-0002)</small>		
16510-0007	EA 1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	104.18	20.99
16510-0008	EA 2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	115.53	20.99
16510-0009	1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(16510-0002)</small>		
16510-0010	EA 2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	123.51	23.57
16510-0011	EA 3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	145.11	23.57
16510-0012	EA 4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	168.94	23.57
16510-0013	2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures <small>(16510-0002)</small>		
16510-0014	EA 2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	106.75	25.76
16510-0015	EA 3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	123.68	25.76
16510-0016	2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures <small>(16510-0002)</small>		
16510-0017	EA 2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	158.33	30.01
16510-0018	EA 3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	169.38	30.01
16510-0019	EA 4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	190.95	30.01
16510-0020	Surface Mounted, Box Type Fluorescent Fixtures <small>(16510-0001)</small> Note: Includes prismatic lens.		
16510-0021	1' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(16510-0020)</small>		
16510-0022	EA 2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	122.85	23.38
16510-0023	EA 3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	196.28	23.38
16510-0024	EA 4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	222.76	23.38



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0025		2' x 2', Surface Mounted, Box Type Fluorescent Fixtures (16510-0020)		
16510-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	194.77	25.76
16510-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	213.62	25.76
16510-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	227.71	25.76
16510-0029		2' x 4', Surface Mounted, Box Type Fluorescent Fixtures (16510-0020)		
16510-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	193.75	30.01
16510-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	211.37	30.01
16510-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	220.81	30.01
16510-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	234.90	30.01
16510-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures (16510-0020)		
16510-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	379.25	38.65
16510-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	384.21	38.65
16510-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	607.07	38.65
16510-0038		Recessed Fluorescent Fixtures (16510-0001)		
16510-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0038)		
16510-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (16510-0039)		
16510-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	122.91	20.16
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	13.62	
16510-0042		1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (16510-0039)		
16510-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	120.74	23.38
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	15.94	
16510-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	247.57	23.38
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	15.94	
16510-0045		2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture (16510-0039)		
16510-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	128.11	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	154.30	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	175.77	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	189.38	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0050		Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0038)		
16510-0051		1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0050)		
16510-0052	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	150.02	20.16
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	13.62	
16510-0053	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	159.66	20.16
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	13.62	
16510-0054	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	169.30	20.16
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	13.62	
16510-0055		1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0050)		
16510-0056	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	149.18	23.38
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	15.94	
16510-0057	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	153.39	23.38
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	15.94	
16510-0058	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	169.78	23.38
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	15.94	
16510-0059		2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0050)		
16510-0060	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	152.29	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0061	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	159.68	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0062	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	172.62	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0063		2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0050)		
16510-0064	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	163.54	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	



Electrical 16000	16
Lighting 16500	
Interior Lighting 16510	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0065	EA 3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	169.47 20.29	30.01
16510-0066	EA 4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	173.81 20.29	30.01
16510-0067	EA 6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	200.00 20.29	30.01
16510-0068	Direct-Indirect, Recessed Fluorescent Fixtures (16510-0038)		
16510-0069	1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures (16510-0068)		
16510-0070	EA 1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	200.84 15.94	23.38
16510-0071	EA 2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	203.32 15.94	23.38
16510-0072	EA 1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	232.13 15.94	23.38
16510-0073	EA 2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	239.20 15.94	23.38
16510-0074	2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures (16510-0068)		
16510-0075	EA 2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	173.81 17.39	25.76
16510-0076	EA 3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	188.89 17.39	25.76
16510-0077	EA 2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	198.85 17.39	25.76
16510-0078	2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures (16510-0068)		
16510-0079	EA 2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	195.97 20.29	30.01
16510-0080	EA 3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	205.07 20.29	30.01
16510-0081	EA 1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	220.76 20.29	30.01
16510-0082	EA 2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	229.49 20.29	30.01
16510-0083	Volumetric, Recessed Fluorescent Fixtures (16510-0038)		
16510-0084	1' x 4', Volumetric, Recessed Fluorescent Fixtures (16510-0083)		
16510-0085	EA 2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	282.36 15.94	23.38
16510-0086	2' x 2', Volumetric, Recessed Fluorescent Fixtures (16510-0083)		
16510-0087	EA 2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	242.61 17.39	25.76
16510-0088	2' x 4', Volumetric, Recessed Fluorescent Fixtures (16510-0083)		
16510-0089	EA 2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	257.47 20.29	30.01
16510-0090	Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0038)		
16510-0091	1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0090)		
16510-0092	EA 2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	202.85 15.94	23.38
16510-0093	2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0090)		
16510-0094	EA 2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	183.90 17.39	25.76
16510-0095	2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0090)		
16510-0096	EA 2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	212.39 20.29	30.01
16510-0097	EA 3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	219.71 20.29	30.01
16510-0098	EA 4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture 16MOD-0140 For Drywall Or Plaster Ceilings, Add	225.39 20.29	30.01
16510-0099	Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (16510-0038)		

16000 Electrical
16500 Lighting
16510 Interior Lighting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0100		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(16510-0099)</small>		
16510-0101	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	205.93	23.38
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	15.94	
16510-0102		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(16510-0099)</small>		
16510-0103	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	212.38	25.76
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	17.39	
16510-0104		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(16510-0099)</small>		
16510-0105	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	256.58	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0106	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	260.95	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0107	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	267.44	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0108		2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(16510-0038)</small>		
16510-0109	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	130.40	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0110	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	140.23	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0111	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	151.96	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0112	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	156.92	30.01
		16MOD-0140 For Drywall Or Plaster Ceilings, Add	20.29	
16510-0113		Striplight Fluorescent Fixtures <small>(16510-0001)</small>		
16510-0114		1 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(16510-0113)</small>		
16510-0115	EA	1 T8 Lamp, 1-1/2' Length, Striplight Fluorescent Fixture	55.79	19.32
16510-0116	EA	1 T8 Lamp, 2' Length, Striplight Fluorescent Fixture	54.61	19.32
16510-0117	EA	1 T8 Lamp, 3' Length, Striplight Fluorescent Fixture	60.58	21.44
16510-0118	EA	1 T8 Lamp, 4' Length, Striplight Fluorescent Fixture	60.21	23.57
16510-0119	EA	1 T8 Lamp, 8' Length, Striplight Fluorescent Fixture	114.74	25.51
16510-0120		2 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(16510-0113)</small>		
16510-0121	EA	2 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	81.98	21.44
16510-0122	EA	2 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	88.58	23.57
16510-0123	EA	2 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	81.32	25.76
16510-0124		3 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(16510-0113)</small>		
16510-0125	EA	3 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	117.42	21.44
16510-0126	EA	3 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	129.50	23.57
16510-0127	EA	3 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	132.22	25.76
16510-0128		Display Case Fluorescent Fixtures <small>(16510-0113)</small>		
16510-0129	EA	1 10 Watt T8 Lamp, Undercabinet, Display Case Fluorescent Fixture (Lightolier TCU10W)	56.33	21.14
16510-0130	EA	1 15 Watt T8 Lamp, Undercabinet, Display Case Fluorescent Fixture (Lightolier TCU15W)	58.70	21.14
16510-0131	EA	1 20 Watt T8 Lamp, Undercabinet, Display Case Fluorescent Fixture (Lightolier TCU20W)	61.08	21.14
16510-0132	EA	1 30 Watt T8 Lamp, Undercabinet, Display Case Fluorescent Fixture (Lightolier TCU30W)	67.72	24.65
16510-0133	EA	1 40 Watt T8 Lamp, Undercabinet, Display Case Fluorescent Fixture (Lightolier TCU40W)	91.47	24.65
16510-0134		Industrial Fluorescent Fixtures <small>(16510-0001)</small>		
16510-0135		1 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(16510-0134)</small>		
16510-0136	EA	1 T8 Lamp, 2' Length, Industrial Fluorescent Fixture	137.86	19.32
16510-0137	EA	1 T8 Lamp, 4' Length, Industrial Fluorescent Fixture	151.59	23.57
16510-0138	EA	1 T8 Lamp, 8' Length, Industrial Fluorescent Fixture	175.85	30.01
16510-0139		2 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(16510-0134)</small>		
16510-0140	EA	2 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	157.51	21.44
16510-0141	EA	2 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	169.47	25.76
16510-0142	EA	2 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	199.57	30.01
16510-0143		3 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(16510-0134)</small>		
16510-0144	EA	3 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	172.42	21.44
16510-0145	EA	3 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	149.14	25.76
16510-0146	EA	3 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	228.88	30.01



Electrical 16000	16
Lighting 16500	
Interior Lighting 16510	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0147	4 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(16510-0134)</small>		
16510-0148	EA 4 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	153.67	25.76
16510-0149	EA 4 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	255.79	30.01
16510-0150	Flanged Fluorescent Fixture <small>(16510-0001)</small>		
	Note: For plaster or drywall application. With electronic ballast.		
16510-0151	EA 2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	179.65	38.65
16510-0152	EA 3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	182.13	38.65
16510-0153	EA 4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	184.61	38.65
16510-0154	Undercabinet Fluorescent Fixtures <small>(16510-0001)</small>		
16510-0155	EA 1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	54.58	17.39
16510-0156	EA 1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	70.84	21.25
16510-0157	EA 2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	75.87	21.25
16510-0158	EA 1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	87.10	23.19
16510-0159	EA 2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	103.32	27.05
16510-0160	Corner Mounted, Fluorescent Fixtures <small>(16510-0001)</small>		
	Note: Includes acrylic drop dish diffuser.		
16510-0161	2' Length, Corner Mounted, Fluorescent Fixtures <small>(16510-0160)</small>		
16510-0162	EA 1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	128.57	21.73
16510-0163	EA 2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	143.95	21.73
16510-0164	3' Length, Corner Mounted, Fluorescent Fixtures <small>(16510-0160)</small>		
16510-0165	EA 1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	146.83	22.82
16510-0166	EA 2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	162.79	22.82
16510-0167	4' Length, Corner Mounted, Fluorescent Fixtures <small>(16510-0160)</small>		
16510-0168	EA 1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	141.75	23.90
16510-0169	EA 2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	154.62	23.90
16510-0170	Accessories And Modifiers For Fluorescent Fixtures <small>(16510-0001)</small>		
16510-0171	Lens Modifications <small>(16510-0170)</small>		
16510-0172	EA For 1' x 2' Parabolic Louvers Instead Of Prismatic Lens, Add	14.25	
16510-0173	EA For 1' x 4' Parabolic Louvers Instead Of Prismatic Lens, Add	20.36	
16510-0174	EA For 2' x 2' Parabolic Louvers Instead Of Prismatic Lens, Add	21.38	
16510-0175	EA For 2' x 4' Parabolic Louvers Instead Of Prismatic Lens, Add	23.41	
16510-0176	EA For 4' x 4' Parabolic Louvers Instead Of Prismatic Lens, Add	28.50	
16510-0177	EA For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	17.31	
16510-0178	EA For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	21.38	
16510-0179	EA For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	22.40	
16510-0180	EA For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	24.43	
16510-0181	EA For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	29.52	
16510-0182	EA For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	7.13	
16510-0183	EA For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	10.18	
16510-0184	EA For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	11.20	
16510-0185	EA For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	13.23	
16510-0186	Pendant Mounting Modifications <small>(16510-0170)</small>		
	Note: Per pendant.		
16510-0187	EA For Pendant Mounting Up to 1'-6" Long Section	7.74	
	Note: Per pendant.		
16510-0188	EA For Pendant Mounting 2' Long Section	8.96	
	Note: Per pendant.		
16510-0189	EA For Pendant Mounting 3' Long Section	11.46	
	Note: Per pendant.		
16510-0190	EA For Pendant Mounting 4' Long Section	13.54	
	Note: Per pendant.		
16510-0191	EA For Pendant Mounting 6' Long Section	17.10	
	Note: Per pendant.		
16510-0192	EA For Pendant Mounting 8' Long Section	23.21	
	Note: Per pendant.		
16510-0193	Fluorescent Light Accessories <small>(16510-0170)</small>		
16510-0194	EA Blank Metal Light Box Plate	14.01	
16510-0195	EA Tamperproof Screw Driver	8.75	
16510-0196	EA Emergency Battery And Lamp (Type 200) Supply Unit For Fluorescent Fixture	219.03	35.29
16510-0197	EA Factory Installed Fixture Mounted Occupancy Sensor	78.38	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0198		Wire Guards <small>(16510-0170)</small>		
16510-0199	EA	Wire Guard for 6" x 2' Fixture.....	34.28	3.53
16510-0200	EA	Wire Guard for 6" x 4' Fixture.....	48.30	5.65
16510-0201	EA	Wire Guard for 1" x 2' Fixture.....	38.25	3.88
16510-0202	EA	Wire Guard for 1" x 4' Fixture.....	54.45	6.00
16510-0203	EA	Wire Guard for 2" x 2' Fixture.....	46.57	4.24
16510-0204	EA	Wire Guard for 2" x 4' Fixture.....	63.87	6.35
16510-0205	EA	Wire Guard for Exit Sign Or Emergency Light.....	37.81	5.29
16510-0206	EA	Wire Guard for Combination Exit Sign And Emergency Light.....	64.47	5.65
16510-0207		LED Fixtures <small>(16510)</small>		
16510-0208		Undercabinet LED Fixtures <small>(16510-0207)</small>		
16510-0209	EA	10" Length, Undercabinet LED Fixture.....	112.45	17.39
16510-0210	EA	19" Length, Undercabinet LED Fixture.....	157.20	21.25
16510-0211	EA	28" Length, Undercabinet LED Fixture.....	192.12	21.25
16510-0212		Striplight LED Fixtures <small>(16510-0207)</small>		
16510-0213		1 Lamp Cross Section, Striplight LED Fixtures <small>(16510-0212)</small>		
16510-0214	EA	1 37 Watt LED, 4' Length, Striplight LED Fixture.....	434.87	23.57
16510-0215	EA	1 55 Watt LED, 4' Length, Striplight LED Fixture.....	556.75	23.57
16510-0216	EA	1 74 Watt LED, 8' Length, Striplight LED Fixture.....	779.14	25.51
16510-0217		2 Lamp Cross Section, Striplight LED Fixtures <small>(16510-0212)</small>		
16510-0218	EA	2 37 Watt LEDs, 4' Length, Striplight LED Fixture.....	825.95	21.44
16510-0219	EA	2 55 Watt LEDs, 4' Length, Striplight LED Fixture.....	942.71	21.44
16510-0220	EA	2 74 Watt LEDs, 8' Length, Striplight LED Fixture.....	1,510.26	23.57
16510-0221		Lay-In/Troffer LED Fixture <small>(16510-0207)</small>		
16510-0222		Prismatic Lensed, Lay-In/Troffer LED Fixtures <small>(16510-0221)</small>		
16510-0223	EA	37 Watt, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture.....	625.37	30.01
		<i>16MOD-0267 For Drywall Or Plaster Ceilings, Add</i>	20.29	
16510-0224	EA	60 Watt, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture.....	787.41	30.01
		<i>16MOD-0267 For Drywall Or Plaster Ceilings, Add</i>	20.29	
16510-0225	EA	74 Watt, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture.....	787.41	30.01
		<i>16MOD-0267 For Drywall Or Plaster Ceilings, Add</i>	20.29	
16510-0226		Volumetric, Lay-In/Troffer LED Fixtures <small>(16510-0221)</small>		
16510-0227	EA	50 Watt, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture.....	731.43	25.76
		<i>16MOD-0267 For Drywall Or Plaster Ceilings, Add</i>	17.39	
16510-0228		Recessed Fixtures <small>(16510)</small>		
		Note: Housing and trim priced separately.		
16510-0229		Recessed Fixture Housings <small>(16510-0228)</small>		
		Note: Lamps included in all prices. The housing insulation must be 3" from housing. ICT may be covered with insulation. Remodel housing may be installed from below ceiling. ICAT housing is air tight. Demo cost of housing includes demo of any fixture trim.		
16510-0230		Compact Fluorescent, Recessed Fixture Housings <small>(16510-0229)</small>		
16510-0231	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	78.34	20.14
		<i>16MOD-0141 For ICAT Housing, Add</i>	6.20	
16510-0232	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	80.43	20.14
		<i>16MOD-0141 For ICAT Housing, Add</i>	6.47	
16510-0233	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	83.52	21.14
		<i>16MOD-0141 For ICAT Housing, Add</i>	6.68	
16510-0234	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	86.06	22.05
		<i>16MOD-0141 For ICAT Housing, Add</i>	6.83	
16510-0235	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	88.94	22.96
		<i>16MOD-0141 For ICAT Housing, Add</i>	7.02	
16510-0236	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	91.87	24.37
		<i>16MOD-0141 For ICAT Housing, Add</i>	7.12	
16510-0237		Fluorescent, Recessed Fixture Housings <small>(16510-0229)</small>		
16510-0238	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	69.22	20.14
		<i>16MOD-0141 For ICAT Housing, Add</i>	5.02	
16510-0239	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	71.34	20.14
		<i>16MOD-0141 For ICAT Housing, Add</i>	5.30	
16510-0240	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	74.36	21.07
		<i>16MOD-0141 For ICAT Housing, Add</i>	5.50	
16510-0241	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	78.10	21.84
		<i>16MOD-0141 For ICAT Housing, Add</i>	5.80	



Electrical 16000	16
Lighting 16500	
Interior Lighting 16510	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0242	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	81.41	22.96
	16MOD-0141	For ICAT Housing, Add	6.05	
16510-0243	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	84.50	24.37
	16MOD-0141	For ICAT Housing, Add	6.17	
16510-0244		High Pressure Sodium, Recessed Fixture Housings (16510-0229)		
16510-0245	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	81.35	20.29
	16MOD-0141	For ICAT Housing, Add	6.59	
16510-0246	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	84.76	20.29
	16MOD-0141	For ICAT Housing, Add	7.03	
16510-0247	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	89.01	21.14
	16MOD-0141	For ICAT Housing, Add	7.39	
16510-0248	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	92.28	22.05
	16MOD-0141	For ICAT Housing, Add	7.63	
16510-0249	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	95.52	22.96
	16MOD-0141	For ICAT Housing, Add	7.87	
16510-0250	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	98.55	24.37
	16MOD-0141	For ICAT Housing, Add	7.99	
16510-0251		Incandescent, Recessed Fixture Housings (16510-0229)		
16510-0252	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	45.33	20.14
	16MOD-0141	For ICAT Housing, Add	1.94	
16510-0253	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	45.33	20.14
	16MOD-0141	For ICAT Housing, Add	1.94	
16510-0254	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	48.04	21.14
	16MOD-0141	For ICAT Housing, Add	2.11	
16510-0255	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	50.83	22.05
	16MOD-0141	For ICAT Housing, Add	2.29	
16510-0256	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	53.63	22.96
	16MOD-0141	For ICAT Housing, Add	2.47	
16510-0257	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	54.95	24.37
	16MOD-0141	For ICAT Housing, Add	2.36	
16510-0258		LED, Recessed Fixture Housings (16510-0229)		
16510-0259	EA	16 Watt, 6" Round, LED, Recessed Fixture Housing	318.47	21.14
16510-0260	EA	25 Watt, 6" Round, LED, Recessed Fixture Housing	379.93	21.14
16510-0261	EA	28 Watt, 8" Round, LED, Recessed Fixture Housing	464.68	22.96
16510-0262	EA	36 Watt, 8" Round, LED, Recessed Fixture Housing	556.86	22.96
16510-0263		Recessed Fixture Trim (16510-0228)		
16510-0264	EA	Circular, Recessed Fixture Trim	33.40	9.87
16510-0265	EA	Circular Clear Lens, Recessed Fixture Trim	36.81	9.87
16510-0266	EA	Open/Baffle, Recessed Fixture Trim	42.72	9.87
16510-0267	EA	Specular Reflector, Recessed Fixture Trim	45.85	9.87
16510-0268	EA	Eyeball, Recessed Fixture Trim	36.86	9.87
16510-0269	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	35.03	9.87
16510-0270	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	37.13	9.87
16510-0271		Ceiling Mounted Fixtures (16510)		
16510-0272		Ceiling Mounted, Circline Fluorescent Fixtures (16510-0271)		
16510-0273	EA	9" Round, Ceiling Mounted, Circline Fluorescent Fixture With Lens	92.24	23.46
16510-0274	EA	12" Round, Ceiling Mounted, Circline Fluorescent Fixture With Lens	98.87	25.79
16510-0275	EA	14" Round, Ceiling Mounted, Circline Fluorescent Fixture With Lens	104.20	25.79
16510-0276	EA	18" Round, Ceiling Mounted, Circline Fluorescent Fixture With Lens	118.42	28.17
16510-0277		Ceiling Mounted, Compact Fluorescent Fixtures (16510-0271)		
16510-0278	EA	6" Round, Ceiling Mounted, Compact Fluorescent Fixture With Standard Lens	77.51	23.46
16510-0279	EA	6" Round, Ceiling Mounted, Compact Fluorescent Fixture With Globe Lens	80.59	23.46
16510-0280	EA	12" Round, Ceiling Mounted, Compact Fluorescent Fixture With Standard Lens	93.31	25.79
16510-0281	EA	12" Round, Ceiling Mounted, Compact Fluorescent Fixture With Globe Lens	96.92	25.79
16510-0282		Ceiling Mounted, Incandescent Fixtures (16510-0271)		
16510-0283	EA	6" Round, Ceiling Mounted, Incandescent Fixture With Standard Lens	49.54	23.46
16510-0284	EA	6" Round, Ceiling Mounted, Incandescent Fixture With Globe Lens	52.06	23.46
16510-0285	EA	12" Round, Ceiling Mounted, Incandescent Fixture With Standard Lens	58.98	25.79
16510-0286	EA	12" Round, Ceiling Mounted, Incandescent Fixture With Globe Lens	61.50	25.79
16510-0287		Pendant Mounted, Open Reflector Downlights (16510-0271)		
16510-0288	EA	13 Watt Fluorescent, Pendent Mounted, Open Reflector Downlight	214.91	23.15
16510-0289	EA	18 Watt Fluorescent, Pendent Mounted, Open Reflector Downlight	217.67	23.15
16510-0290	EA	26 Watt Fluorescent, Pendent Mounted, Open Reflector Downlight	220.43	23.15



MINOR CSI	UOM	DESCRIPTION
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TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16510-0291	Pendant Mounted, Horizontal Indirect Fluorescent Fixtures <small>(16510-0271)</small>		
16510-0292	EA 1 T5HO Lamp, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	159.03	23.15
16510-0293	EA 2 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	180.14	23.15
16510-0294	EA 3 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	221.98	23.15
16510-0295	EA 2 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	216.89	23.15
16510-0296	EA 4 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	277.96	23.15
16510-0297	EA 6 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	345.62	23.15
16510-0298	Track Lighting <small>(16510)</small>		
16510-0299	Track Lighting Tracks <small>(16510-0298)</small>		
16510-0300	LF 1 Circuit Track Lighting Track	21.34	4.65
16510-0301	LF 2 Circuit Track Lighting Track	28.62	4.65
16510-0302	LF 3 Circuit Track Lighting Track	34.76	4.65
16510-0303	LF 4 Circuit Track Lighting Track	40.90	5.63
16510-0304	Track Lighting Fixtures <small>(16510-0298)</small>		
16510-0305	Compact Fluorescent Track Lighting Fixtures <small>(16510-0304)</small>		
16510-0306	EA Compact Fluorescent Track Lighting Fixture	49.80	11.76
16510-0307	Fluorescent Track Lighting Fixtures <small>(16510-0304)</small>		
16510-0308	EA 2L 18W BX Track Fixture, Electronic Ballast	236.86	11.76
	Note: White or Black Finish, 120V.		
16510-0309	EA 2L 39W BX Track Fixture, Electronic Ballast	247.92	11.76
	Note: White or Black Finish, 120V.		
16510-0310	EA 2L 40W BX Track Fixture, Electronic Ballast	254.83	11.76
	Note: White or Black Finish, 120V.		
16510-0311	EA 2L 50W BX Track Fixture, Electronic Ballast	224.95	11.76
	Note: White or Black Finish, 120V.		
16510-0312	EA 2L 55W BX Track Fixture, Electronic Ballast	288.53	11.76
	Note: White or Black Finish, 120V.		
16510-0313	Metal Halide Track Lighting Fixtures <small>(16510-0304)</small>		
16510-0314	EA Metal Halide Track Lighting Fixture.....	52.57	11.76
16510-0315	Incandescent Track Lighting Fixtures <small>(16510-0304)</small>		
16510-0316	EA Incandescent Track Lighting Fixture	42.92	11.76
16510-0317	EA Par 20 Track Fixture, White Or Black Finish, 120V	53.72	11.76
16510-0318	EA Par 30 Track Fixture, White Or Black Finish, 120V	81.60	11.76
16510-0319	EA Par 38 Track Fixture, White Or Black Finish, 120V.....	84.37	11.76
16510-0320	EA PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120V.....	66.34	11.76
16510-0321	EA PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120V.....	53.72	11.76
16510-0322	EA PAR 30, Baffled Cylinder Track Fixture, White or Black Finish.....	65.02	11.76
	Note: 120V.		
16510-0323	EA PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120V.....	87.13	11.76
16510-0324	Track Lighting Accessories <small>(16510-0298)</small>		
16510-0325	Pendant Mounting <small>(16510-0324)</small>		
16510-0326	EA Track Lighting Pendant Mounting, Up to 12"	20.02	
16510-0327	EA Track Lighting Pendant Mounting, > 12" To 24"	26.77	
16510-0328	EA Track Lighting Pendant Mounting, > 24" To 36".....	32.99	
16510-0329	Wet Location, Dust Resistant, Vapor Tight Fixtures <small>(16510)</small>		
16510-0330	Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(16510-0329)</small>		
16510-0331	Incandescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(16510-0330)</small>		
16510-0332	EA 100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	105.45	28.17
	16MOD-0142 For Wall Mounted, Add	5.10	
16510-0333	EA 200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	125.40	28.17
	16MOD-0142 For Wall Mounted, Add	5.10	
16510-0334	Compact Fluorescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(16510-0330)</small>		
16510-0335	EA 13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	115.75	28.17
	16MOD-0143 For Wall Mounted, Add	6.02	
16510-0336	EA 22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	119.67	28.17
	16MOD-0143 For Wall Mounted, Add	6.02	



Electrical 16000	16
Lighting 16500	
Interior Lighting 16510	

MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0337	EA 28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0143 For Wall Mounted, Add	129.37 6.02	28.17
16510-0338	Metal Halide, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(16510-0330)</small>		
16510-0339	EA 75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0144 For Wall Mounted, Add	149.87 6.30	28.17
16510-0340	EA 100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0144 For Wall Mounted, Add	155.37 6.30	28.17
16510-0341	EA 150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0144 For Wall Mounted, Add	166.55 6.30	28.17
16510-0342	EA 175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0144 For Wall Mounted, Add	183.36 6.30	28.17
16510-0343	High Pressure Sodium, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(16510-0330)</small>		
16510-0344	EA 70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0145 For Wall Mounted, Add	136.77 6.67	28.17
16510-0345	EA 100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0145 For Wall Mounted, Add	143.61 6.67	28.17
16510-0346	EA 150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture 16MOD-0145 For Wall Mounted, Add	170.03 6.67	28.17
16510-0347	Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixtures <small>(16510-0329)</small>		
16510-0348	4' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixtures <small>(16510-0347)</small>		
16510-0349	EA 2 T8 Lamps, 4' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture 16MOD-0146 For High Impact Acrylic DR Lens, Add 16MOD-0147 For Polycarbonate Lens And Tamperproof Screws, Add 16MOD-0150 For T5 Fixture Instead Of T8, Add	186.13 12.20 34.05 16.15	30.01
16510-0350	EA 4 T8 Lamps, 4' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture 16MOD-0146 For High Impact Acrylic DR Lens, Add 16MOD-0147 For Polycarbonate Lens And Tamperproof Screws, Add 16MOD-0150 For T5 Fixture Instead Of T8, Add	276.77 12.20 34.05 26.53	30.01
16510-0351	8' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixtures <small>(16510-0347)</small>		
16510-0352	EA 2 T8 Lamps, 8' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture 16MOD-0148 For High Impact Acrylic DR Lens, Add 16MOD-0149 For Polycarbonate Lens And Tamperproof Screws, Add 16MOD-0150 For T5 Fixture Instead Of T8, Add	325.91 14.55 70.00 30.31	40.76
16510-0353	EA 4 T8 Lamps, 8' Length, Prismatic Lensed, Enclosed And Gasketed Fluorescent Fixture 16MOD-0148 For High Impact Acrylic DR Lens, Add 16MOD-0149 For Polycarbonate Lens And Tamperproof Screws, Add 16MOD-0150 For T5 Fixture Instead Of T8, Add	368.36 14.55 70.00 35.17	40.76
16510-0354	Large Interior Area Fixtures <small>(16510)</small>		
16510-0355	Recessed Mounted, Large Interior Area Fixtures <small>(16510-0354)</small> Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
16510-0356	High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures <small>(16510-0355)</small>		
16510-0357	EA 150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture 16MOD-0151 For Wire Guard, Add 16MOD-0153 For Instant Quartz Restrike, Add	264.87 40.50 60.00	75.10
16510-0358	EA 250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture 16MOD-0151 For Wire Guard, Add 16MOD-0153 For Instant Quartz Restrike, Add	274.45 40.50 60.00	79.74
16510-0359	EA 400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture 16MOD-0151 For Wire Guard, Add 16MOD-0153 For Instant Quartz Restrike, Add	328.95 40.50 60.00	91.02
16510-0360	Metal Halide, Recessed Mounted, Large Interior Area Fixtures <small>(16510-0355)</small>		
16510-0361	EA 150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture 16MOD-0151 For Wire Guard, Add 16MOD-0153 For Instant Quartz Restrike, Add	282.48 40.50 60.00	75.10
16510-0362	EA 250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture 16MOD-0151 For Wire Guard, Add 16MOD-0153 For Instant Quartz Restrike, Add	271.94 40.50 60.00	79.74
16510-0363	EA 400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture 16MOD-0151 For Wire Guard, Add 16MOD-0153 For Instant Quartz Restrike, Add	282.02 40.50 60.00	91.02

16000 Electrical
16500 Lighting
16510 Interior Lighting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0364		Low Bay Fixtures, Large Interior Area Fixtures <small>(16510-0354)</small>		
		Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
16510-0365		High Pressure Sodium, Low Bay Fixtures <small>(16510-0364)</small>		
16510-0366	EA	150 Watt High Pressure Sodium, Low Bay Fixture	383.76	68.66
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0152	For Enclosed And Gasketed, Add	75.47	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
16510-0367	EA	250 Watt High Pressure Sodium, Low Bay Fixture	391.05	72.90
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0152	For Enclosed And Gasketed, Add	75.47	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
16510-0368	EA	400 Watt High Pressure Sodium, Low Bay Fixture	449.76	83.21
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0152	For Enclosed And Gasketed, Add	75.47	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
16510-0369		Metal Halide, Low Bay Fixtures <small>(16510-0364)</small>		
16510-0370	EA	175 Watt Metal Halide, Low Bay Fixture	376.95	68.66
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0152	For Enclosed And Gasketed, Add	75.47	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
16510-0371	EA	250 Watt Metal Halide, Low Bay Fixture	386.48	72.90
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0152	For Enclosed And Gasketed, Add	75.47	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
16510-0372	EA	400 Watt Metal Halide, Low Bay Fixture	400.73	83.21
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0152	For Enclosed And Gasketed, Add	75.47	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
16510-0373		High Bay Fixtures, Large Interior Area Fixtures <small>(16510-0354)</small>		
		Note: Heavy duty steel housing, aluminum reflector, no lens. High bay fixtures are for mounting above 20-25 feet. See CSI section 01590-0001 for lifts.		
16510-0374		High Pressure Sodium, High Bay Fixtures <small>(16510-0373)</small>		
16510-0375	EA	250 Watt High Pressure Sodium, High Bay Fixture	343.30	72.90
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
	16MOD-0155	For Tempered Glass Or Acrylic Lens, Add	60.50	
	16MOD-0156	For Polycarbonate Lens, Add	47.75	
	16MOD-0157	For Security Chain, Add	19.34	
	16MOD-0158	For Optical Safety Chain, Add	7.47	
	16MOD-0159	For Ballast Safety Chain, Add	12.13	
16510-0376	EA	400 Watt High Pressure Sodium, High Bay Fixture	407.04	83.21
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
	16MOD-0155	For Tempered Glass Or Acrylic Lens, Add	60.50	
	16MOD-0156	For Polycarbonate Lens, Add	47.75	
	16MOD-0157	For Security Chain, Add	19.34	
	16MOD-0158	For Optical Safety Chain, Add	7.47	
	16MOD-0159	For Ballast Safety Chain, Add	12.13	
16510-0377	EA	1000 Watt High Pressure Sodium, High Bay Fixture	589.44	87.52
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
	16MOD-0155	For Tempered Glass Or Acrylic Lens, Add	60.50	
	16MOD-0156	For Polycarbonate Lens, Add	47.75	
	16MOD-0157	For Security Chain, Add	19.34	
	16MOD-0158	For Optical Safety Chain, Add	7.47	
	16MOD-0159	For Ballast Safety Chain, Add	12.13	
16510-0378		Metal Halide, High Bay Fixtures <small>(16510-0373)</small>		
16510-0379	EA	250 Watt Metal Halide, High Bay Fixture	316.30	72.90
	16MOD-0151	For Wire Guard, Add	40.50	
	16MOD-0153	For Instant Quartz Restrike, Add	60.00	
	16MOD-0154	For Glass Or Acrylic Reflector, Add	90.00	
	16MOD-0155	For Tempered Glass Or Acrylic Lens, Add	60.50	
	16MOD-0156	For Polycarbonate Lens, Add	47.75	
	16MOD-0157	For Security Chain, Add	19.34	
	16MOD-0158	For Optical Safety Chain, Add	7.47	
	16MOD-0159	For Ballast Safety Chain, Add	12.13	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0380	EA 400 Watt Metal Halide, High Bay Fixture	330.36	83.21
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0154 For Glass Or Acrylic Reflector, Add	90.00	
	16MOD-0155 For Tempered Glass Or Acrylic Lens, Add	60.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0157 For Security Chain, Add	19.34	
	16MOD-0158 For Optical Safety Chain, Add	7.47	
	16MOD-0159 For Ballast Safety Chain, Add	12.13	
16510-0381	EA 1000 Watt Metal Halide, High Bay Fixture	491.33	87.52
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0154 For Glass Or Acrylic Reflector, Add	90.00	
	16MOD-0155 For Tempered Glass Or Acrylic Lens, Add	60.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0157 For Security Chain, Add	19.34	
	16MOD-0158 For Optical Safety Chain, Add	7.47	
	16MOD-0159 For Ballast Safety Chain, Add	12.13	
16510-0382	Fluorescent (T5HO) <small>(16510-0373)</small>		
	Note: For 8' fixture, use two (2) 4' fixtures		
16510-0383	EA 1 T5HO Lamp, 60 Watt Fluorescent, 4' Length, High Bay Fixture	301.44	59.70
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0160 For Gasketed/Wet Location, Add	57.75	
	16MOD-0192 For Prismatic Lens, Add	54.00	
16510-0384	EA 2 T5HO Lamps, 120 Watt Fluorescent, 4' Length, High Bay Fixture	265.10	65.69
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0160 For Gasketed/Wet Location, Add	57.75	
	16MOD-0192 For Prismatic Lens, Add	54.00	
16510-0385	EA 3 T5HO Lamps, 182 Watt Fluorescent, 4' Length, High Bay Fixture	371.40	72.78
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0160 For Gasketed/Wet Location, Add	57.75	
	16MOD-0192 For Prismatic Lens, Add	54.00	
16510-0386	EA 4 T5HO Lamps, 240 Watt Fluorescent, 4' Length, High Bay Fixture	342.62	83.08
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0160 For Gasketed/Wet Location, Add	57.75	
	16MOD-0192 For Prismatic Lens, Add	54.00	
16510-0387	EA 6 T5HO Lamps, 358 Watt Fluorescent, 4' Length, High Bay Fixture	412.84	87.52
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
	16MOD-0160 For Gasketed/Wet Location, Add	57.75	
	16MOD-0192 For Prismatic Lens, Add	54.00	
16510-0388	LED, High Bay Fixtures <small>(16510-0373)</small>		
16510-0389	EA 171 Watt LED, 4' Length, High Bay Fixture	2,073.07	83.21
16510-0390	Ceiling Mounted, Large Interior Area Fixtures <small>(16510-0354)</small>		
	Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
16510-0391	High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures <small>(16510-0390)</small>		
16510-0392	EA 100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	309.39	48.82
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0393	EA 150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	349.76	48.82
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0394	EA 250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	396.50	48.82
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0395	EA 400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	560.53	48.82
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0396	Metal Halide, Ceiling Mounted, Large Interior Area Fixtures <small>(16510-0390)</small>		
16510-0397	EA 100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	273.70	48.82
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0398	EA 175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	277.14	54.17
	16MOD-0151 For Wire Guard, Add	40.50	
	16MOD-0153 For Instant Quartz Restrike, Add	60.00	
	16MOD-0156 For Polycarbonate Lens, Add	47.75	

16000 Electrical
16500 Lighting
16510 Interior Lighting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16510-0399	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	295.90	58.68
		16MOD-0151 For Wire Guard, Add	40.50	
		16MOD-0153 For Instant Quartz Restrike, Add	60.00	
		16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0400	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	312.96	69.88
		16MOD-0151 For Wire Guard, Add	40.50	
		16MOD-0153 For Instant Quartz Restrike, Add	60.00	
		16MOD-0156 For Polycarbonate Lens, Add	47.75	
16510-0401		Interior Lighting Accessories (16510)		
16510-0402	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add	0.85	
		Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.		
16521		Area Lighting (16500)		
16521-0001		Exterior Globe (16521)		
16521-0002		Incandescent (16521-0001)		
16521-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	42.30	12.88
16521-0004	EA	150-200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	72.43	12.88
16521-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	52.85	12.88
16521-0006	EA	150-200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	76.50	12.88
16521-0007		Surface Mounted, Rectangular Exterior Area Fixture (16521)		
16521-0008		Metal Halide (16521-0007)		
16521-0009	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	489.18	141.10
16521-0010	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	567.56	158.74
16521-0011	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	685.43	176.37
16521-0012	EA	1000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	884.96	206.71
16521-0013		High Pressure Sodium (16521-0007)		
16521-0014	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	490.55	120.64
16521-0015	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	537.22	128.40
16521-0016	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	584.27	135.46
16521-0017	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	602.11	141.10
16521-0018	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	670.57	158.74
16521-0019	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	763.75	176.37
16521-0020	EA	1000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,003.43	206.71
16521-0021		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (16521)		
16521-0022		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (16521-0021)		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
16521-0023	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	489.53	95.24
16521-0024	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	497.00	105.83
16521-0025	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	461.61	120.64
16521-0026	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	543.44	128.40
16521-0027	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	560.35	135.46
16521-0028	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	586.22	141.10
16521-0029	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	639.80	158.74
16521-0030	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	816.54	176.37
16521-0031		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (16521-0021)		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
16521-0032	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	477.95	105.83
16521-0033	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	495.85	120.64
16521-0034	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	508.94	128.40
16521-0035	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	537.36	135.46
16521-0036	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	528.51	141.10
16521-0037	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	577.85	158.74
16521-0038	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	717.15	176.37
16521-0039		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (16521-0021)		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
16521-0040	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	146.37	51.53



	MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	16521-0041	EA 9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	152.83	54.75
	16521-0042	EA 13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	166.96	57.97
	16521-0043	EA 75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	166.48	64.40
	16521-0044	EA 100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	186.76	74.06
16521-0045		Wall Packs ⁽¹⁶⁵²¹⁾		
16521-0046		Non Cutoff, Polycarbonate Lens, Mini Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
	16521-0047	EA 13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	190.00	35.22
	16521-0048	EA 50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	202.39	35.22
	16521-0049	EA 35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	202.39	35.22
	16521-0050	EA 70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	262.45	35.22
16521-0051		Semi Cutoff, Polycarbonate Lens, Mini Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
	16521-0052	EA 42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	359.41	35.22
	16521-0053	EA 50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	363.86	35.22
	16521-0054	EA 70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	367.72	35.22
	16521-0055	EA 100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	360.69	35.22
	16521-0056	EA 70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	331.78	35.22
	16521-0057	EA 100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	315.91	35.22
16521-0058		Cutoff, Polycarbonate Lens, Mini Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
	16521-0059	EA 50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	377.70	35.22
	16521-0060	EA 70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	381.76	35.22
	16521-0061	EA 100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	374.74	35.22
	16521-0062	EA 70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	380.39	35.22
	16521-0063	EA 100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack.....	380.39	35.22
16521-0064		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
	16521-0065	EA 70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	366.21	46.91
	16521-0066	EA 100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	366.21	46.91
	16521-0067	EA 175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	344.45	46.91
	16521-0068	EA 70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	352.79	46.91
	16521-0069	EA 100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	352.79	46.91
	16521-0070	EA 150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	328.67	46.91
16521-0071		Cutoff, Borosilicate Glass Lens, Small Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
	16521-0072	EA 70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	379.10	46.91
	16521-0073	EA 100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	379.10	46.91
	16521-0074	EA 175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	379.10	46.91
	16521-0075	EA 70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	366.30	46.91
	16521-0076	EA 100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	366.30	46.91
	16521-0077	EA 150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	366.30	46.91
16521-0078		Full Cutoff, Tempered Glass Lens, Small Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
	16521-0079	EA 175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	483.23	46.91
16521-0080		Cutoff, Borosilicate Glass Lens, Medium Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Aluminum body and reflector. Lithonia TWR2.		
	16521-0081	EA 250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	461.29	58.11
		Note: 9-1/4" x 17-7/8" x 9-3/8".		
	16521-0082	EA 400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	490.78	58.11
		Note: 9-1/4" x 17-7/8" x 12-1/2"		
	16521-0083	EA 250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	525.94	58.11
		Note: 9-1/4" x 17-7/8" x 9-3/8".		
	16521-0084	EA 400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	535.62	58.11
		Note: 9-1/4" x 17-7/8" x 12-1/2"		
16521-0085		Cutoff, Tempered Glass Lens, Medium Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
	16521-0086	EA 250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	499.22	58.11
	16521-0087	EA 400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	532.36	58.11
16521-0088		Non Cutoff, Polycarbonate Lens, Large Wall Packs ⁽¹⁶⁵²¹⁻⁰⁰⁴⁵⁾		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
	16521-0089	EA 100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	468.70	70.45
	16521-0090	EA 175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	433.61	70.45

16000 Electrical**16500 Lighting****16521 Area Lighting**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16521-0091	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	460.58	70.45
16521-0092	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	463.27	70.45
16521-0093	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	466.09	70.45
16521-0094		Non Cutoff, Borosilicate Glass Lens, Large Wall Packs <small>(16521-0045)</small>		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
16521-0095	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	468.71	70.45
16521-0096	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	480.43	70.45
16521-0097	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	515.52	70.45
16521-0098	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	492.13	70.45
16521-0099	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	503.84	70.45
16521-0100	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	527.22	70.45
16521-0101		Wall Pack Accessories <small>(16521-0045)</small>		
16521-0102	EA	Photocell For Wall Pack	71.10	17.62
16521-0103	EA	Wire Guard For Mini And Small Wall Pack	78.60	17.62
16521-0104	EA	Wire Guard For Medium And Large Wall Pack	109.97	17.62
16521-0105	EA	Vandal Guard For Wall Pack	155.23	17.62
16521-0106	EA	Full Cutoff Visor For Wall Pack	76.55	17.62
16522		Roadway Lighting <small>(16500)</small>		
16522-0001		Metal Halide, Pole Mounted <small>(16522)</small>		
16522-0002	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	529.87	151.05
16522-0003	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	604.25	163.95
16522-0004	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	706.27	176.37
16522-0005	EA	1000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	904.33	206.71
16522-0006		High Pressure Sodium, Pole Mounted <small>(16522)</small>		
16522-0007	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	438.74	176.37
16522-0008	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	453.28	176.37
16522-0009	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	472.89	176.37
16522-0010	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	522.32	176.37
16522-0011	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	640.14	176.37
16522-0012	EA	1000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	865.25	176.37
16522-0013		Low Pressure Sodium, Pole Mounted <small>(16522)</small>		
16522-0014	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	487.24	95.95
16522-0015	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	474.62	141.10
16522-0016	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	571.72	141.10
16522-0017		LED, Pole Mounted (BetaLED STR-LWY Series) <small>(16522)</small>		
16522-0018	EA	55 System Watts, 30 Diodes, Enclosed And Gasketed, LED Exterior Roadway Fixture (BetaLED STR-LWY Series)	703.66	176.37
16522-0019		LED, Pole Mounted (Philips Lumec GPL Series) <small>(16522)</small>		
16522-0020	EA	90 System Watts, 49 Diodes, Enclosed And Gasketed, LED Exterior Roadway Fixture (Philips Lumec GPL Series)	781.93	176.37
16522-0021	EA	180 System Watts, 98 Diodes, Enclosed And Gasketed, LED Exterior Roadway Fixture (Philips Lumec GPL Series)	1,198.18	176.37
16522-0022		LED, Pole Mounted (Lithonia ALX Series) <small>(16522)</small>		
16522-0023	EA	110 System Watts, Enclosed And Gasketed, LED Exterior Roadway Fixture (Lithonia ALX Series)	1,549.59	176.37
16522-0024	EA	220 System Watts, Enclosed And Gasketed, LED Exterior Roadway Fixture (Lithonia ALX Series)	2,573.78	176.37
16522-0025		Street Light Accessories <small>(16522)</small>		
16522-0026		Photo Controls <small>(16522-0025)</small>		
16522-0027	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	60.50	
16522-0028	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	70.04	
16522-0029		High Mast Fixtures <small>(16522)</small>		
16522-0030		Metal Halide <small>(16522-0029)</small>		
16522-0031	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	944.09	92.63
16522-0032	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,007.09	92.63
16522-0033	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,039.38	105.83
16522-0034	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,077.18	105.83
16522-0035	EA	1000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,093.55	132.28
16522-0036	EA	1000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,131.35	132.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16522-0037 High Pressure Sodium <small>(16522-0029)</small>		
16522-0038 EA 400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux.....	1,027.28	92.63
16522-0039 EA 400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,065.08	92.63
16522-0040 EA 600 W High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,232.56	97.92
16522-0041 EA 750 W High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,262.05	105.83
16522-0042 EA 1000 W High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,335.12	132.28
16523 Flood Lighting <small>(16500)</small>		
16523-0001 General Electric Powerflood® Flood Lights <small>(16523)</small>		
16523-0002 MPF (Small Size) Series GE Flood Lights <small>(16523-0001)</small>		
Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
16523-0003 High Pressure Sodium MPF Series GE Flood Lights <small>(16523-0002)</small>		
16523-0004 EA 70 Watt High Pressure Sodium MPF Series GE Flood Light	189.75	55.08
16523-0005 EA 100 Watt High Pressure Sodium MPF Series GE Flood Light	191.35	55.08
16523-0006 EA 150 Watt High Pressure Sodium MPF Series GE Flood Light	194.00	55.08
16523-0007 Metal Halide MPF Series GE Flood Lights <small>(16523-0002)</small>		
16523-0008 EA 70 Watt Metal Halide MPF Series GE Flood Light	252.91	55.08
16523-0009 P-154 (Small Size) Series GE Flood Lights <small>(16523-0001)</small>		
Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
16523-0010 High Pressure Sodium P-154 Series GE Flood Lights <small>(16523-0009)</small>		
16523-0011 EA 70 Watt High Pressure Sodium P-154 Series GE Flood Light	375.60	73.44
16523-0012 EA 100 Watt High Pressure Sodium P-154 Series GE Flood Light	377.72	73.44
16523-0013 EA 150 Watt High Pressure Sodium P-154 Series GE Flood Light	381.44	73.44
16523-0014 EA 250 Watt High Pressure Sodium P-154 Series GE Flood Light	423.36	73.44
16523-0015 EA 400 Watt High Pressure Sodium P-154 Series GE Flood Light	435.57	73.44
16523-0016 Metal Halide P-154 Series GE Flood Lights <small>(16523-0009)</small>		
16523-0017 EA 175 Watt Metal Halide P-154 Series GE Flood Light	371.89	73.44
16523-0018 EA 250 Watt Metal Halide P-154 Series GE Flood Light	390.46	73.44
16523-0019 EA 400 Watt Metal Halide P-154 Series GE Flood Light	400.01	73.44
16523-0020 PF-154 (Medium Size) Series GE Flood Lights <small>(16523-0001)</small>		
Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
16523-0021 High Pressure Sodium PF-154 Series GE Flood Lights <small>(16523-0020)</small>		
16523-0022 EA 70 Watt High Pressure Sodium PF-154 Series GE Flood Light	384.94	82.62
16523-0023 EA 100 Watt High Pressure Sodium PF-154 Series GE Flood Light	387.59	82.62
16523-0024 EA 150 Watt High Pressure Sodium PF-154 Series GE Flood Light	391.84	82.62
16523-0025 EA 250 Watt High Pressure Sodium PF-154 Series GE Flood Light	433.23	82.62
16523-0026 EA 400 Watt High Pressure Sodium PF-154 Series GE Flood Light	444.91	82.62
16523-0027 Metal Halide PF-154 GE Flood Lights <small>(16523-0020)</small>		
16523-0028 EA 175 Watt Metal Halide PF-154 Series GE Flood Light	381.76	82.62
16523-0029 EA 250 Watt Metal Halide PF-154 Series GE Flood Light	399.80	82.62
16523-0030 EA 400 Watt Metal Halide PF-154 Series GE Flood Light	409.35	82.62
16523-0031 PF-400 (Medium Size) Series GE Flood Lights <small>(16523-0001)</small>		
Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
16523-0032 High Pressure Sodium PF-400 Series GE Flood Lights <small>(16523-0031)</small>		
16523-0033 EA 150 Watt High Pressure Sodium PF-400 Series GE Flood Light	510.19	82.62
16523-0034 EA 200 Watt High Pressure Sodium PF-400 Series GE Flood Light	547.33	82.62
16523-0035 EA 250 Watt High Pressure Sodium PF-400 Series GE Flood Light	544.68	82.62
16523-0036 EA 400 Watt High Pressure Sodium PF-400 Series GE Flood Light	557.95	82.62
16523-0037 Metal Halide PF-400 GE Flood Lights <small>(16523-0031)</small>		
16523-0038 EA 175 Watt Metal Halide PF-400 Series GE Flood Light	523.98	82.62
16523-0039 EA 250 Watt Metal Halide PF-400 Series GE Flood Light	535.13	82.62
16523-0040 EA 400 Watt Metal Halide PF-400 Series GE Flood Light	546.80	82.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16523-0041 PF-1000 (Large Size) Series GE Flood Lights <small>(16523-0001)</small> Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
16523-0042 High Pressure Sodium PF-1000 Series GE Flood Lights <small>(16523-0041)</small>		
16523-0043 EA 750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	687.22	91.79
16523-0044 EA 1000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	687.22	91.79
16523-0045 Metal Halide PF-1000 Series GE Flood Lights <small>(16523-0041)</small>		
16523-0046 EA 1000 Watt Metal Halide PF-1000 Series GE Flood Light	656.44	91.79
16523-0047 HLU/VLU (Medium Size) FRP Series GE Flood Lights <small>(16523-0001)</small> Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
16523-0048 High Pressure Sodium HLU/VLU FRP Series GE Flood Lights <small>(16523-0047)</small>		
16523-0049 EA 250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	561.13	82.62
16523-0050 EA 400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	571.22	82.62
16523-0051 Metal Halide HLU/VLU Series GE Flood Lights <small>(16523-0047)</small>		
16523-0052 EA 400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	566.97	82.62
16523-0053 Accessories For Powerflood GE Flood Lights <small>(16523-0001)</small>		
16523-0054 EA Wireguard For Powerflood GE Flood Light	97.74	18.36
16523-0055 EA Polycarbonate Vandal Shield For Powerflood GE Flood Light	58.47	18.36
16523-0056 EA Top Visor For Powerflood Flood Light	82.88	18.36
16523-0057 EA Top And Two Side Visors For Powerflood GE Flood Light	64.31	18.36
16523-0058 EA Pipe Wall Mounting Bracket For Powerflood GE Flood Light	164.28	55.08
16523-0059 EA Multiple Mounting Channel For Powerflood GE Flood Light	70.14	18.36
16523-0060 EA Wall Or Flat Surface Bracket For Powerflood GE Flood Light	124.48	55.08
16523-0061 EA Steel Angle Bracket For Powerflood GE Flood Light	129.26	55.08
16523-0062 EA Cross Arm Adaptor For Powerflood GE Flood Light	53.69	18.36
16523-0063 EA 120/240V, 277V NEMA Twistlock Photocontrol For Powerflood GE Flood Light	52.10	18.36
16523-0064 Lithonia Contour Series Flood Lights <small>(16523)</small>		
16523-0065 TFM (Small Size) Series Lithonia Flood Lights <small>(16523-0064)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
16523-0066 High Pressure Sodium TFM Series Lithonia Flood Lights <small>(16523-0065)</small>		
16523-0067 EA 70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	347.35	73.44
16523-0068 EA 100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	377.99	73.44
16523-0069 EA 150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	408.00	73.44
16523-0070 Metal Halide TFM Series Lithonia Flood Lights <small>(16523-0065)</small>		
16523-0071 EA 50 Watt Metal Halide TFM Series Lithonia Flood Light	445.44	73.44
16523-0072 EA 70 Watt Metal Halide TFM Series Lithonia Flood Light	438.07	73.44
16523-0073 EA 100 Watt Metal Halide TFM Series Lithonia Flood Light	426.18	73.44
16523-0074 EA 175 Watt Metal Halide TFM Series Lithonia Flood Light	425.30	73.44
16523-0075 Compact Fluorescent TFM Series Lithonia Flood Lights <small>(16523-0065)</small>		
16523-0076 EA 42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	442.39	73.44
16523-0077 TFL (Medium Size) Series Lithonia Flood Lights <small>(16523-0064)</small> Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
16523-0078 High Pressure Sodium TFL Series Lithonia Flood Lights <small>(16523-0077)</small>		
16523-0079 EA 250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	525.38	82.62
16523-0080 EA 400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	535.61	82.62
16523-0081 Metal Halide TFL Series Lithonia Flood Lights <small>(16523-0077)</small>		
16523-0082 EA 175 Watt Metal Halide TFL Series Lithonia Flood Light	502.42	82.62
16523-0083 EA 250 Watt Metal Halide TFL Series Lithonia Flood Light	502.42	82.62
16523-0084 EA 400 Watt Metal Halide TFL Series Lithonia Flood Light	518.44	82.62



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16523-0085	TFR (Low Profile) Series Lithonia Flood Lights <small>(16523-0064)</small> Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
16523-0086	High Pressure Sodium TFR Lithonia Flood Lights <small>(16523-0085)</small>		
16523-0087	EA 150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	501.93	73.44
16523-0088	EA 250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	517.22	73.44
16523-0089	EA 400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	530.00	73.44
16523-0090	Metal Halide TFR Lithonia Flood Lights <small>(16523-0085)</small>		
16523-0091	EA 250 Watt Metal Halide TFR Series Lithonia Flood Light	496.81	73.44
16523-0092	EA 400 Watt Metal Halide TFR Series Lithonia Flood Light	512.13	73.44
16523-0093	TFA (Large Size) Series Lithonia Flood Lights <small>(16523-0064)</small> Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
16523-0094	High Pressure Sodium TFA Series Lithonia Flood Lights <small>(16523-0093)</small>		
16523-0095	EA 1000 Watt High Pressure Sodium TFA Series Lithonia Flood Light.....	962.53	91.79
16523-0096	Metal Halide TFA Series Lithonia Flood Lights <small>(16523-0093)</small>		
16523-0097	EA 400 Watt Metal Halide TFA Series Lithonia Flood Light	745.44	91.79
16523-0098	EA 1000 Watt Metal Halide TFA Series Lithonia Flood Light	822.05	91.79
16523-0099	Accessories For Contour Series Lithonia Flood Lights <small>(16523-0064)</small>		
16523-0100	EA Wireguard For Contour Series Lithonia Flood Light.....	84.87	18.36
16523-0101	EA Vandal Guard For Contour Series Lithonia Flood Light	160.07	18.36
16523-0102	EA Upper Visor For Contour Series Lithonia Flood Light	70.67	18.36
16523-0103	EA Full Visor For Contour Series Lithonia Flood Light	93.65	18.36
16523-0104	EA Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	212.29	55.08
16523-0105	EA Radius Wall Bracket For Contour Series Lithonia Flood Light	171.63	55.08
16523-0106	EA Steel Angle Bracket For Contour Series Lithonia Flood Light	171.63	55.08
16523-0107	EA U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	187.84	55.08
16523-0108	EA Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	81.37	18.36
16523-0109	EA 120/240V, 277V NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light.....	65.79	18.36
16523-0110	Ruud Flood Lights <small>(16523)</small>		
16523-0111	NS (Micro) Series Ruud Flood Lights <small>(16523-0110)</small> Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
16523-0112	High Pressure Sodium NS Series Ruud Flood Lights <small>(16523-0111)</small>		
16523-0113	EA 35 Watt High Pressure Sodium NS Series Ruud Flood Light	230.09	55.08
16523-0114	EA 50 Watt High Pressure Sodium NS Series Ruud Flood Light	230.09	55.08
16523-0115	EA 70 Watt High Pressure Sodium NS Series Ruud Flood Light	230.09	55.08
16523-0116	EA 100 Watt High Pressure Sodium NS Series Ruud Flood Light	230.09	55.08
16523-0117	EA 150 Watt High Pressure Sodium NS Series Ruud Flood Light	230.09	55.08
16523-0118	Metal Halide NS Series Ruud Flood Lights <small>(16523-0111)</small>		
16523-0119	EA 50 Watt Metal Halide NS Series Ruud Flood Light	259.81	55.08
16523-0120	EA 70 Watt Metal Halide NS Series Ruud Flood Light	259.81	55.08
16523-0121	EA 100 Watt Metal Halide NS Series Ruud Flood Light	259.81	55.08
16523-0122	Compact Fluorescent NS Series Ruud Flood Lights <small>(16523-0111)</small>		
16523-0123	EA 13 Watt Compact Fluorescent NS Series Ruud Flood Light	199.31	55.08
16523-0124	EA 26 Watt Compact Fluorescent NS Series Ruud Flood Light	206.74	55.08
16523-0125	EA 32 Watt Compact Fluorescent NS Series Ruud Flood Light	208.86	55.08
16523-0126	EA 42 Watt Compact Fluorescent NS Series Ruud Flood Light	210.98	55.08
16523-0127	NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights <small>(16523-0110)</small> Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
16523-0128	High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights <small>(16523-0127)</small>		
16523-0129	EA 150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	354.16	82.62
16523-0130	EA 250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	373.26	82.62
16523-0131	EA 400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	383.88	82.62
16523-0132	Metal Halide NSF/NSW/NSC Series Ruud Flood Lights <small>(16523-0127)</small>		
16523-0133	EA 175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	349.91	82.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16523-0134 EA 250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	352.04	82.62
16523-0135 EA 400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	358.40	82.62
16523-0136 Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights (16523-0127)		
16523-0137 EA 70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	342.48	82.62
16523-0138 FS (Square) Series Ruud Flood Lights (16523-0110)		
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
16523-0139 High Pressure Sodium FS Series Ruud Flood Lights (16523-0138)		
16523-0140 EA 250 Watt High Pressure Sodium FS Series Ruud Flood Light.....	410.41	82.62
16523-0141 EA 400 Watt High Pressure Sodium FS Series Ruud Flood Light.....	412.54	82.62
16523-0142 EA 1000 Watt High Pressure Sodium FS Series Ruud Flood Light.....	687.75	91.79
16523-0143 Metal Halide FS Series Ruud Flood Lights (16523-0138)		
16523-0144 EA 175 Watt Metal Halide FS Series Ruud Flood Light.....	410.41	82.62
16523-0145 EA 250 Watt Metal Halide FS Series Ruud Flood Light.....	412.54	82.62
16523-0146 EA 400 Watt Metal Halide FS Series Ruud Flood Light.....	418.90	82.62
16523-0147 EA 1000 Watt Metal Halide FS Series Ruud Flood Light.....	617.70	91.79
16523-0148 MFS (Mini Square) Series Ruud Flood Lights (16523-0110)		
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
16523-0149 High Pressure Sodium MFS Series Ruud Flood Lights (16523-0148)		
16523-0150 EA 35 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	324.12	73.44
16523-0151 EA 50 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	346.41	73.44
16523-0152 EA 70 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	346.41	73.44
16523-0153 EA 100 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	346.41	73.44
16523-0154 EA 150 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	346.41	73.44
16523-0155 Metal Halide MFS Series Ruud Flood Lights (16523-0148)		
16523-0156 EA 50 Watt Metal Halide MFS Series Ruud Flood Light.....	353.84	73.44
16523-0157 EA 70 Watt Metal Halide MFS Series Ruud Flood Light.....	353.84	73.44
16523-0158 EA 100 Watt Metal Halide MFS Series Ruud Flood Light.....	353.84	73.44
16523-0159 EA 175 Watt Metal Halide MFS Series Ruud Flood Light.....	342.17	73.44
16523-0160 MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights (16523-0110)		
Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
16523-0161 High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights (16523-0160)		
16523-0162 EA 35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	350.66	73.44
16523-0163 EA 50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	372.95	73.44
16523-0164 EA 70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	372.95	73.44
16523-0165 EA 100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	372.95	73.44
16523-0166 EA 150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	372.95	73.44
16523-0167 Metal Halide MCF/MPM/MPN Series Ruud Flood Lights (16523-0160)		
16523-0168 EA 50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	380.38	73.44
16523-0169 EA 70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	380.38	73.44
16523-0170 EA 100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	380.38	73.44
16523-0171 EA 175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	368.70	73.44
16523-0172 CF (Cutoff Square) Series Ruud Flood Lights (16523-0110)		
Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
16523-0173 High Pressure Sodium CF Series Ruud Flood Lights (16523-0172)		
16523-0174 EA 250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	460.30	82.62
16523-0175 EA 400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	470.91	82.62
16523-0176 EA 1000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	714.29	91.79
16523-0177 Metal Halide CF Series Ruud Flood Lights (16523-0172)		
16523-0178 EA 175 Watt Metal Halide CF Series Ruud Flood Light.....	436.95	82.62
16523-0179 EA 250 Watt Metal Halide CF Series Ruud Flood Light.....	439.07	82.62
16523-0180 EA 400 Watt Metal Halide CF Series Ruud Flood Light.....	445.44	82.62
16523-0181 EA 1000 Watt Metal Halide CF Series Ruud Flood Light.....	644.24	91.79
16523-0182 CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights (16523-0110)		
Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		



Electrical 16000	16
Lighting 16500	
Flood Lighting 16523	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16523-0183		High Pressure Sodium CN Series Ruud Flood Lights (16523-0182)		
16523-0184	EA	400 High Pressure Sodium CN Series Ruud Flood Light	591.17	91.79
16523-0185	EA	1000 High Pressure Sodium CN Series Ruud Flood Light.....	701.55	91.79
16523-0186		Metal Halide CN Series Ruud Flood Lights (16523-0182)		
16523-0187	EA	400 Watt Metal Halide CN Series Ruud Flood Light	565.69	91.79
16523-0188	EA	1000 Watt Metal Halide CN Series Ruud Flood Light.....	631.50	91.79
16523-0189		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights (16523-0110)		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
16523-0190		High Pressure Sodium PM/PN Series Ruud Flood Lights (16523-0189)		
16523-0191	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	475.16	82.62
16523-0192	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	485.77	82.62
16523-0193		Metal Halide PM/PN Series Ruud Flood Lights (16523-0189)		
16523-0194	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light.....	451.81	82.62
16523-0195	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	453.93	82.62
16523-0196	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light.....	460.30	82.62
16523-0197	EA	1000 Watt Metal Halide PM/PN Series Ruud Flood Light.....	659.10	91.79
16523-0198		Accessories For Ruud Flood Lighting (16523-0110)		
16523-0199	EA	Wireguard For Ruud Flood Light.....	52.63	18.36
16523-0200	EA	Deep Baffle (Full Visor) For Ruud Flood Light	81.29	18.36
16523-0201	EA	Glare Guard (Upper Visor) For Ruud Flood Light	60.06	18.36
16523-0202	EA	Vandal Shield For Ruud Flood Light.....	70.67	18.36
16523-0203	EA	Pipe Mounting Bracket For Ruud Flood Light	146.24	55.08
16523-0204	EA	120/240V, 277V NEMA Twistlock Photocontrol For Ruud Flood Light	46.26	18.36
16523-0205		Lumark Flood Lights (16523)		
16523-0206		QZ Wedge Series Quartz Lumark Flood Lights (16523-0205)		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
16523-0207	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	131.86	55.08
16523-0208		LQL Series Quartz Lumark Flood Lights (16523-0205)		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
16523-0209	EA	1500 Watt LQL Series Quartz Lumark Flood Light	163.17	55.08
16523-0210		Kim Lighting (16523)		
16523-0211		MicroFlood® Series Kim Lighting Flood Lights (16523-0210)		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
16523-0212		LED MicroFlood® Series Kim Lighting Flood Lights (16523-0211)		
16523-0213	EA	5 Watt LED MicroFlood® Series Kim Lighting Flood Light.....	258.35	24.70
16523-0214	EA	15 Watt LED MicroFlood® Series Kim Lighting Flood Light.....	317.24	24.70
16523-0215		Scarab® Series Kim Lighting Flood Lights (16523-0210)		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
16523-0216		LED Scarab® Series Kim Lighting Accent Flood Lights (16523-0215)		
		Note: Spot or narrow style accent flood lights.		
16523-0217	EA	6 Watt LED Scarab® Series Kim Lighting Accent Flood Light.....	378.36	24.70
16524		Walkway Lighting (16500)		
16524-0001		Incandescent Walkway (16524)		
16524-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture.....	321.75	65.51
16524-0003		Metal Halide Walkway (16524)		
16524-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	492.63	102.99
16524-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture.....	525.06	106.72
16524-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	572.47	110.81
16524-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	611.35	119.76
16524-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	539.05	110.81
16524-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	556.93	102.99
16524-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	565.19	106.72
16524-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	464.30	73.40

16000 Electrical**16500 Lighting****16524 Walkway Lighting**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16524-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	497.73	73.40
16524-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture.....	531.15	73.40
16524-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture.....	599.89	82.64
16524-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture.....	449.45	65.93
16524-0016		High Pressure Sodium Walkway <small>(16524)</small>		
16524-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	429.93	102.99
16524-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	456.90	106.72
16524-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	495.70	110.81
16524-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	530.03	119.76
16524-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture.....	469.59	110.81
16524-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	480.16	102.99
16524-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture.....	488.25	106.72
16524-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture.....	394.84	73.40
16524-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture.....	420.96	73.40
16524-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	447.07	73.40
16524-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture.....	504.84	82.64
16524-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture.....	379.99	65.93
16524-0029		Walkway, Adjustable <small>(16524)</small>		
16524-0030	EA	2' Fluorescent Adjustable Walkway Fixture.....	468.45	94.05
16524-0031	EA	4' Fluorescent Adjustable Walkway Fixture.....	484.94	94.05
16524-0032	EA	8' Fluorescent Adjustable Walkway Fixture.....	864.46	140.89
16524-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	404.74	70.45
16524-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	426.73	70.45
16525		Landscape/Site Lighting <small>(16500)</small>		
16525-0001		Bollards <small>(16525)</small>		
16525-0002	EA	24" Incandescent Bollard	617.11	112.72
16525-0003	EA	36" Incandescent Bollard	752.88	140.89
16525-0004	EA	42" Incandescent Bollard	779.34	140.89
16525-0005	EA	24" H.I.D. Bollard	595.94	112.72
16525-0006	EA	36" H.I.D. Bollard	694.65	140.89
16525-0007	EA	42" H.I.D. Bollard	842.86	140.89
16525-0008	EA	8" Diameter x 44" High Concrete Bollard	868.94	140.89
16525-0009	EA	10" Diameter x 44" High Concrete Bollard	952.04	158.51
16525-0010	EA	12" Diameter x 48" High Concrete Bollard	1,416.93	176.11
16525-0011	EA	18" Diameter x 58 High Concrete Bollard	1,528.29	234.80
16525-0012		Low Voltage <small>(16525)</small>		
16525-0013	EA	Low Voltage Recessed Uplight	579.32	128.21
16525-0014	EA	Low Voltage Walkway	432.02	70.45
16525-0015	EA	Low Voltage Malibu - 5 Light Set	399.83	94.05
16525-0016	EA	Low Voltage Mushroom 24" Pier.....	357.91	70.45
16525-0017		Recessed, Adjustable <small>(16525)</small>		
16525-0018	EA	150 Watt Incandescent Recessed, Adjustable.....	717.68	112.72
16525-0019	EA	300 Watt Incandescent Recessed, Adjustable.....	797.08	112.72
16525-0020		Recessed, Uplight <small>(16525)</small>		
16525-0021	EA	50 Watt Incandescent Recessed Uplight	627.70	112.72
16525-0022	EA	150 Watt Incandescent Recessed Uplight	643.58	112.72
16525-0023	EA	300 Watt Incandescent Recessed Uplight	691.21	112.72
16525-0024	EA	500 Watt Quartz Recessed Uplight.....	685.92	112.72
16525-0025	EA	5 Watt LED Recessed Uplight.....	577.73	112.72
16525-0026	EA	15 Watt LED Recessed Uplight.....	631.50	112.72
16525-0027		Recessed Wall Light <small>(16525)</small>		
16525-0028	EA	100 Watt Incandescent Recessed Wall Light.....	310.27	70.45
16525-0029	EA	100 Watt Fluorescent Recessed Wall Light	294.39	70.45
16525-0030	EA	100 Watt H.I.D. Recessed Wall Light.....	500.40	94.05
16525-0031		Step Lights <small>(16525)</small>		
16525-0032	EA	Incandescent Step Light	255.60	56.36
16525-0033	EA	Fluorescent Step Light	308.57	56.36
16525-0034	EA	5 Watt LED Step Light	315.25	56.36
16525-0035	EA	15 Watt LED Step Light	372.61	56.36
16525-0036		Tree Lights, Surface Adjustable <small>(16525)</small>		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16525-0037	EA	50 Watt Incandescent Tree Lights	569.21	94.05
16525-0038	EA	100 Watt Incandescent Tree Lights	585.09	94.05
16525-0039	EA	150 Watt Incandescent Tree Lights	705.24	140.89

16525-0040 Underwater Lights (16525)

16525-0041	EA	150 Watt, 120 V Underwater Lights	501.28	46.84
16525-0042	EA	300 Watt, 120 V Underwater Lights	564.80	46.84
16525-0043	EA	1000 Watt, 120 V Underwater Lights	1,437.73	70.45
16525-0044	EA	50 Watt, 12 V Underwater Lights	527.74	46.84
16525-0045	EA	300 Watt, 12 V Underwater Lights	601.85	46.84
16525-0046	EA	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,560.77	105.67

16526 Sports Lighting (16500)

16526-0001 Sports Lighting System (16526)

Note: Musco

16526-0002 Round Steel Tapered Poles (16526-0001)

Note: With Internal wiring harness

16526-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	1,624.49	352.49
16526-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	1,955.98	425.93
16526-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	2,192.58	462.64
16526-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	2,380.57	481.00
16526-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	2,915.16	499.36
16526-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	3,370.53	609.51
16526-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	3,616.08	646.23
16526-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,107.88	734.35
16526-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,658.66	826.14
16526-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,316.76	994.56
16526-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,820.44	1,111.56
16526-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	6,374.58	1,248.07
16526-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	7,231.58	1,501.58

16526-0016 Steel Pole Brackets (16526-0001)

16526-0017	EA	Two Light Bracket	313.59	36.71
16526-0018	EA	Three Light Bracket	394.71	51.40
16526-0019	EA	Four Light Bracket	568.68	62.42
16526-0020	EA	Five Light Bracket	648.00	73.44
16526-0021	EA	Six Light Bracket	785.88	84.45
16526-0022	EA	Seven Light Bracket	899.86	95.46
16526-0023	EA	Eight Light Bracket	1,028.83	110.15
16526-0024	EA	Nine Light Bracket	1,162.33	121.17

16526-0025 Light Fixtures (16526-0001)

16526-0026	EA	120 or 270V, Sportlite Fixtures Complete with 1000 W Metal Halide Lamp, Hook Cord And Plug	1,209.27	
		16MOD-0164 For 1500 W Metal Halide Lamp, Add	126.32	

16526-0027 Electrical Component Enclosure (16526-0001)

Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures.

For light structures with more than 6 lights, use multiple enclosures.

16526-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	485.19	45.79
16526-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	728.68	70.45
16526-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	835.52	88.06
16526-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	1,078.94	98.62
16526-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	1,212.01	105.67

16526-0033 Accessories (16526-0001)

16526-0034	EA	Time Delay Kit (Musco®)	519.83	141.17
16526-0035	EA	Remote Switch Box Push Button (Musco®)	994.83	141.17
16526-0036	EA	Push Button Strobe Kit (Musco®)	1,184.83	141.17
16526-0037	EA	Additional Control-Link Unit (Musco®)	5,596.99	423.50
16526-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	615.89	70.45
16526-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	756.78	140.89

16527 Hazardous Location Flood Lights (16500)

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

16527-0001 Lithonia Hazardous Location Flood Lights (16527)

16527-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights (16527-0001)

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

16000 Electrical
16500 Lighting
16527 Hazardous Location Flood Lights



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16527-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights <small>(16527-0002)</small>		
16527-0004 EA 150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	497.46	73.44
16527-0005 EA 250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	530.36	73.44
16527-0006 EA 400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	498.52	73.44
16527-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights <small>(16527-0002)</small>		
16527-0008 EA 250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	526.85	73.44
16527-0009 EA 400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	511.26	73.44
16527-0010 HFM (Medium Base) Series Hazardous Location Flood Lights <small>(16527-0001)</small>		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
16527-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights <small>(16527-0010)</small>		
16527-0012 EA 100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	474.84	73.44
16527-0013 EA 150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	494.48	73.44
16527-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights <small>(16527-0010)</small>		
16527-0015 EA 175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	421.77	73.44
16527-0016 HFA (Large) Series Hazardous Location Flood Lights <small>(16527-0001)</small>		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
16527-0017 High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights <small>(16527-0016)</small>		
16527-0018 EA 250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	668.65	91.79
16527-0019 EA 400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	678.20	91.79
16527-0020 Metal Halide HFA Series Lithonia Hazardous Location Flood Lights <small>(16527-0016)</small>		
16527-0021 EA 250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	665.47	91.79
16527-0022 EA 400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	678.20	91.79
16527-0023 HFL (Medium) Series Hazardous Location Flood Lights <small>(16527-0001)</small>		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
16527-0024 High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights <small>(16527-0023)</small>		
16527-0025 EA 400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	499.57	82.62
16527-0026 Metal Halide HFL Series Lithonia Hazardous Location Flood Lights <small>(16527-0023)</small>		
16527-0027 EA 400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	536.72	82.62
16527-0028 Accessories For Lithonia Hazardous Location Flood Lights <small>(16527-0001)</small>		
See CSI section 16523-0099 for accessories.		
16528 High Performance Flood Lights <small>(16500)</small>		
Note: For airport aprons and parking areas.		
16528-0001 Lithonia High Performance Flood Lights <small>(16528)</small>		
16528-0002 170S Series Lithonia High Performance Flood Lights <small>(16528-0001)</small>		
Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
16528-0003 High Pressure Sodium 170S Series Lithonia High Performance Flood Lights <small>(16528-0002)</small>		
16528-0004 EA 250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,142.66	110.15
16528-0005 EA 400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,229.69	110.15
16528-0006 EA 750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,233.94	110.15
16528-0007 EA 1000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,366.61	110.15
16528-0008 Metal Halide 170S Series Lithonia High Performance Flood Lights <small>(16528-0002)</small>		
16528-0009 EA 320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,311.42	110.15
16528-0010 EA 350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,252.56	110.15
16528-0011 EA 400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,196.79	110.15
16528-0012 EA 1000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,251.98	110.15
16528-0013 Accessories For Lithonia High Performance Flood Lights <small>(16528-0002)</small>		
See CSI section 16523-0099 for accessories.		
16530 Emergency Lighting <small>(16500)</small>		



Electrical 16000	16
Lighting 16500	
Emergency Lighting 16530	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16530-0001 Exit Fixtures <small>(16530)</small> Note: Excludes pendants.		
16530-0002 LED Exit Signs <small>(16530-0001)</small> Note: Includes red LED lamps.		
16530-0003 EA Single Face, Thermoplastic Housing, LED Exit Sign	126.47	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0004 EA Double Face, Thermoplastic Housing, LED Exit Sign.....	126.47	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0005 EA Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up	142.29	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16MOD-0266 For Self-Diagnostics, Add	50.00	
16530-0006 EA Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up.....	142.29	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16MOD-0266 For Self-Diagnostics, Add	50.00	
16530-0007 EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign.....	161.75	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0008 EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign	178.30	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0009 EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up.....	171.59	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16MOD-0266 For Self-Diagnostics, Add	50.00	
16530-0010 EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up	189.31	25.75
16MOD-0264 For Green LED Lamps, Add	15.00	
16MOD-0266 For Self-Diagnostics, Add	50.00	
16530-0011 EA Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up.....	254.81	25.75
Note: Includes two circular side mounted krypton emergency lights.		
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0012 EA Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up.....	254.81	25.75
Note: Includes two circular side mounted LED emergency lights.		
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0013 EA Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up	245.59	25.75
Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0014 EA Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up	258.90	25.75
Note: Includes two circular side mounted PAR 36 emergency lights.		
16MOD-0264 For Green LED Lamps, Add	15.00	
16530-0015 Edge-Lit LED Exit Signs <small>(16530-0001)</small> Note: Includes red LED lamps.		
16530-0016 EA Single Face, Edge-Lit LED Exit Sign	206.67	25.75
16MOD-0265 For Green LED Lamps, Add	40.00	
16530-0017 EA Double Face, Edge-Lit LED Exit Sign	221.26	25.75
16MOD-0265 For Green LED Lamps, Add	40.00	
16530-0018 EA Single Face, Edge-Lit LED Exit Sign With Battery Back-Up	251.73	25.75
16MOD-0265 For Green LED Lamps, Add	40.00	
16MOD-0266 For Self-Diagnostics, Add	50.00	
16530-0019 EA Double Face, Edge-Lit LED Exit Sign With Battery Back-Up.....	262.48	25.75
16MOD-0265 For Green LED Lamps, Add	40.00	
16MOD-0266 For Self-Diagnostics, Add	50.00	
16530-0020 Self-Luminous Tritium Exit Signs <small>(16530-0001)</small> Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
16530-0021 EA 10 Year, Single Face, ABS Housing, Self-Luminous Tritium Exit Sign	278.55	25.75
16530-0022 EA 10 Year, Double Face, ABS Housing, Self-Luminous Tritium Exit Sign	505.35	25.75
16530-0023 EA 20 Year, Single Face, ABS Housing, Self-Luminous Tritium Exit Sign	330.22	25.75
16530-0024 EA 20 Year, Double Face, ABS Housing, Self-Luminous Tritium Exit Sign	546.83	25.75
16530-0025 EA 10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	304.26	25.75
16530-0026 EA 10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	546.83	25.75
16530-0027 EA 20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	371.45	25.75
16530-0028 EA 20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	676.85	25.75
16530-0029 Vandal-Resistant LED Exit Signs <small>(16530-0001)</small> Note: Includes red LED lamps.		
16530-0030 EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign.....	263.27	25.75
16530-0031 EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	403.72	25.75
16530-0032 EA Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup.....	489.83	25.75
16530-0033 Remove And Reinstall Exit Light Fixture <small>(16530-0001)</small>		
16530-0034 EA Removal And Reinstall Of Exit Light Fixtures	52.84	
Note: Includes storage and cleaning.		
16530-0035 Exit Sign Accessories <small>(16530-0001)</small>		
16530-0036 EA Polycarbonate Vandal Shield For Exit Signs.....	62.61	7.06
16530-0037 EA Wire Guard For Exit Signs	68.00	7.06
16530-0038 EA Replacement Battery For Exit Signs	63.20	8.82

16000 Electrical
16500 Lighting
16530 Emergency Lighting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16530-0039		Emergency Lights <small>(16530)</small>		
16530-0040		Commercial Emergency Lights <small>(16530-0039)</small>		
16530-0041		Polycarbonate Housing, Commercial Emergency Lights <small>(16530-0040)</small>		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
16530-0042	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	120.61	17.62
16530-0043	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	84.72	17.62
		16MOD-0279 For Halogen Lamps, Add	27.55	
		16MOD-0280 For Self-Diagnostics, Add	87.50	
16530-0044	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	131.68	17.62
		16MOD-0279 For Halogen Lamps, Add	27.55	
		16MOD-0280 For Self-Diagnostics, Add	87.50	
16530-0045	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	152.95	17.62
		16MOD-0279 For Halogen Lamps, Add	27.55	
		16MOD-0280 For Self-Diagnostics, Add	87.50	
16530-0046	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	226.01	17.62
		16MOD-0279 For Halogen Lamps, Add	27.55	
		16MOD-0280 For Self-Diagnostics, Add	87.50	
16530-0047	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	255.67	17.62
		16MOD-0279 For Halogen Lamps, Add	27.55	
		16MOD-0280 For Self-Diagnostics, Add	87.50	
16530-0048	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	371.22	17.62
		16MOD-0279 For Halogen Lamps, Add	27.55	
		16MOD-0280 For Self-Diagnostics, Add	87.50	
16530-0049		Remote Heads For Commercial Emergency Lights <small>(16530-0040)</small>		
		Note: For use with fixtures that have remote capability.		
16530-0050	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	81.30	10.57
16530-0051	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	81.83	10.57
16530-0052	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	83.63	10.57
16530-0053	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	83.34	10.57
16530-0054	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	72.32	10.57
16530-0055	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	50.45	10.57
16530-0056		Industrial Emergency Lights <small>(16530-0039)</small>		
16530-0057		Painted Steel Housing, Industrial Emergency Lights <small>(16530-0056)</small>		
16530-0058		Painted Steel Housing, Industrial Emergency Lights <small>(16530-0057)</small>		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
16530-0059	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	209.87	17.62
		16MOD-0282 For Wireguard, Add	105.08	
16530-0060	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	176.69	17.62
		16MOD-0282 For Wireguard, Add	105.08	
16530-0061	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	273.67	17.62
		16MOD-0282 For Wireguard, Add	105.08	
16530-0062	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	290.41	17.62
		16MOD-0282 For Wireguard, Add	105.08	
16530-0063	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	413.15	17.62
		16MOD-0281 For Wireguard, Add	111.92	
16530-0064	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	647.96	17.62
		16MOD-0281 For Wireguard, Add	111.92	
16530-0065		Remote Heads For Painted Steel Housing, Industrial Emergency Lights <small>(16530-0057)</small>		
		Note: For use with fixtures that have remote capability.		
16530-0066	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	63.06	10.57
		16MOD-0283 For Wireguard, Add	84.80	
16530-0067	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	65.14	10.57
		16MOD-0283 For Wireguard, Add	84.80	
16530-0068	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	63.35	10.57
		16MOD-0283 For Wireguard, Add	84.80	



Electrical 16000
Lighting 16500
Emergency Lighting 16530

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16530-0069	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212).....	63.69	10.57
		<i>16MOD-0283 For Wireguard, Add</i>	84.80	
16530-0070	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	65.14	10.57
		<i>16MOD-0283 For Wireguard, Add</i>	84.80	
16530-0071	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	75.72	10.57
		<i>16MOD-0283 For Wireguard, Add</i>	84.80	
16530-0072		Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <i>(16530-0056)</i>		
16530-0073		Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <i>(16530-0072)</i>		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
16530-0074	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618).....	207.20	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0286 For Self-Diagnostics, Add</i>	105.50	
16530-0075	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	224.91	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0286 For Self-Diagnostics, Add</i>	105.50	
16530-0076	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	220.06	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0286 For Self-Diagnostics, Add</i>	105.50	
16530-0077	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	232.43	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0286 For Self-Diagnostics, Add</i>	105.50	
16530-0078	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	389.13	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0286 For Self-Diagnostics, Add</i>	105.50	
16530-0079	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618).....	306.42	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0285 For Self-Diagnostics, Add</i>	61.50	
16530-0080	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	342.80	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0285 For Self-Diagnostics, Add</i>	61.50	
16530-0081	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	361.24	17.62
		<i>16MOD-0284 For Wireguard, Add</i>	102.17	
		<i>16MOD-0285 For Self-Diagnostics, Add</i>	61.50	
16530-0082		Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <i>(16530-0072)</i>		
		Note: For use with fixtures that have remote capability.		
16530-0083	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906).....	55.05	10.57
16530-0084	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206).....	59.27	10.57
16530-0085	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912).....	55.10	10.57
16530-0086	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212).....	58.21	10.57
16530-0087	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012).....	50.23	10.57
16530-0088		Outdoor Emergency Lights <i>(16530-0039)</i>		
16530-0089		Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights <i>(16530-0088)</i>		
		Note: Includes nickel-cadmium batteries.		
16530-0090	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	324.12	17.62
16530-0091	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	385.98	17.62
16530-0092		Recessed Emergency Lights <i>(16530-0039)</i>		
16530-0093	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG).....	352.55	17.62
		<i>16MOD-0287 For Wire Guard, Add</i>	60.00	
16530-0094	EA	16 Watts At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	284.02	35.22
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		<i>16MOD-0281 For Wireguard, Add</i>	111.92	

16000 Electrical
16500 Lighting
16530 Emergency Lighting



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16530-0095 EA 50 Watts At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	403.91	35.22
Note: Includes lead-calcium batteries and two adjustable lamp heads. 16MOD-0281 For Wireguard, Add	111.92	
16530-0096 Square Wraparound Emergency Lights (16530-0039)		
16530-0097 EA 10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	163.47	17.62
16555 Theatrical Lighting (16500)		
16555-0001 Stage Lighting (16555)		
16555-0002 EA Ellipsoidal Spotlight, Two 6" x 9" Lenses	375.42	85.66
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
16555-0003 EA Ellipsoidal Spotlight, Two 6" x 12" Lenses	375.42	85.66
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
16555-0004 EA Ellipsoidal Spotlight, Two 6" x 16" Lenses	375.42	85.66
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
16555-0005 EA 14" Scoop Floodlight Altman #SC14	332.16	85.66
16555-0006 EA 6" Diameter Fresnel Spotlight, Spherical Specular Alzak	258.17	85.66
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
16555-0007 EA 8" Diameter Fresnel Spotlight, Spherical Specular Alzak	414.36	85.66
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
16555-0008 EA Follow Spotlight With Steel Chassis And Lightweight	1,236.39	85.66
Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
16555-0009 EA Follow Spotlight With Steel Chassis And Lightweight	1,556.55	85.66
Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
16555-0010 EA PAR 64 Can Lighting With 20 Gauge Sheet Steel	221.40	85.66
Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.		
16555-0011 EA 6' Long Borderlight Sections	669.62	85.66
Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.		
16555-0012 EA Strobe Light, Quartz, 1 To 15 Flashes Per Second.....	714.99	
16555-0013 EA Color Wheel, Five Hole, Motorized	310.52	
16570 Poles And Standards (16500)		
See CSI section 16522-0000 for street light fixtures.		
16570-0001 Aluminum Tapered Roadway Poles (16570)		
Note: Seamless, anchor base type, with handhole		
16570-0002 Single Member Arms, Tapered Tube, 4 Bolt Attachment (16570-0001)		
16570-0003 One Arm Per Pole (16570-0002)		
16570-0004 EA 20' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm.....	1,447.86	170.37
16570-0005 EA 25' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm.....	1,815.98	209.66
16570-0006 EA 30' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm.....	2,799.91	248.94
16570-0007 EA 35' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm.....	3,102.22	277.21
16570-0008 EA 40' High Round Tapered Aluminum Roadway Pole, 1 - 6' Arm.....	3,620.27	305.49
16570-0009 Two Arms Per Pole (16570-0002)		
16570-0010 EA 20' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm.....	2,006.06	248.21
16570-0011 EA 25' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm.....	2,567.60	248.21
16570-0012 EA 30' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm.....	3,021.39	323.12
16570-0013 EA 35' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm.....	3,322.64	323.12
16570-0014 EA 40' High Round Tapered Aluminum Roadway Pole, 2 - 6' Arm.....	3,842.89	382.59
16570-0015 Truss Arms, Tapered Upper Member, Pipe Lower Member (16570-0001)		
Note: 6 Bolt attachment		
16570-0016 One Arm Per Pole (16570-0015)		
16570-0017 EA 25' High Aluminum Roadway Pole, 1 - 12' Truss Arm.....	2,555.15	210.02
16570-0018 EA 30' High Aluminum Roadway Pole, 1 - 12' Truss Arm.....	2,953.11	210.02
16570-0019 EA 35' High Aluminum Roadway Pole, 1 - 12' Truss Arm.....	3,255.42	286.40
16570-0020 EA 40' High Aluminum Roadway Pole, 1 - 12' Truss Arm.....	3,843.10	286.40
16570-0021 Two Arms Per Pole (16570-0015)		
16570-0022 EA 25' High Aluminum Roadway Pole, 2 - 12' Truss Arm.....	2,862.18	286.40



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16570-0023	EA 30' High Aluminum Roadway Pole, 2 - 12' Truss Arm	3,258.16	286.40
16570-0024	EA 35' High Aluminum Roadway Pole, 2 - 12' Truss Arm	3,531.55	362.03
16570-0025	EA 40' High Aluminum Roadway Pole, 2 - 12' Truss Arm	4,149.29	362.03
16570-0026	Removal And Reinstallation Of Lighting Pole (16570-0001)		
16570-0027	EA Remove And Relocate Lighting Pole And Standards With One Or Two Arms, Up To 45'	1,211.80	
16570-0028	Galvanized Steel Tapered Roadway Poles (16570)		
	Note: Anchor base type, with handhole		
16570-0029	Tapered Tube Single Member Arms, 4 Bolt Attachment (16570-0028)		
16570-0030	One Arm Per Pole (16570-0029)		
16570-0031	EA 20' Round Tapered Steel Roadway Pole, 1 - 6' Arm.....	1,441.04	191.67
16570-0032	EA 25' Round Tapered Steel Roadway Pole, 1 - 6' Arm.....	1,644.04	449.42
16570-0033	EA 30' Round Tapered Steel Roadway Pole, 1 - 6' Arm.....	1,899.81	223.97
16570-0034	EA 35' Round Tapered Steel Roadway Pole, 1 - 6' Arm.....	2,171.95	304.76
16570-0035	EA 40' Round Tapered Steel Roadway Pole, 1 - 6' Arm.....	2,386.87	348.82
16570-0036	Two Arms Per Pole (16570-0029)		
16570-0037	EA 20' Round Tapered Steel Roadway Pole, 2 - 6' Arm.....	1,665.02	268.03
16570-0038	EA 25' Round Tapered Steel Roadway Pole, 2 - 6' Arm.....	1,865.52	305.49
16570-0039	EA 30' Round Tapered Steel Roadway Pole, 2 - 6' Arm.....	2,122.22	343.68
16570-0040	EA 35' Round Tapered Steel Roadway Pole, 2 - 6' Arm.....	2,394.58	382.59
16570-0041	EA 40' Round Tapered Steel Roadway Pole, 2 - 6' Arm.....	2,610.10	420.78
16570-0042	Truss Arms Tapered Upper Member, Pipe Lower Member (16570-0028)		
	Note: 6 Bolt attachment		
16570-0043	One Arm Per Pole (16570-0042)		
16570-0044	EA 25' Steel Roadway Pole, 1 - 12' Truss Arm.....	1,671.90	229.86
16570-0045	EA 30' Steel Roadway Pole, 1 - 12' Truss Arm.....	1,873.94	268.03
16570-0046	EA 35' Steel Roadway Pole, 1 - 12' Truss Arm.....	2,325.16	305.49
16570-0047	EA 40' Steel Roadway Pole, 1 - 12' Truss Arm.....	2,540.08	343.68
16570-0048	EA 45' Steel Roadway Pole, 1 - 12' Truss Arm.....	2,826.37	382.59
16570-0049	Two Arms Per Pole (16570-0042)		
16570-0050	EA 25' Steel Roadway Pole, 2 - 12' Truss Arm.....	1,976.95	305.49
16570-0051	EA 30' Steel Roadway Pole, 2 - 12' Truss Arm.....	2,177.94	343.68
16570-0052	EA 35' Steel Roadway Pole, 2 - 12' Truss Arm.....	2,631.41	382.59
16570-0053	EA 40' Steel Roadway Pole, 2 - 12' Truss Arm.....	2,846.88	424.45
16570-0054	EA 45' Steel Roadway Pole, 2 - 12' Truss Arm.....	3,131.42	458.97
16570-0055	Area Lighting Poles (16570)		
16570-0056	Anchor Base Type Aluminum Area Lighting Poles (16570-0055)		
16570-0057	Non-Tapered Aluminum Area Lighting Poles (16570-0056)		
16570-0058	EA 10' High, 3" Diameter Aluminum Light Pole, Non-Tapered	581.64	76.37
16570-0059	EA 12' High, 3" Diameter Aluminum Light Pole, Non-Tapered	771.94	115.30
16570-0060	EA 14' High, 3" Diameter Aluminum Light Pole, Non-Tapered	974.49	152.75
16570-0061	Tapered Aluminum Area Lighting Poles (16570-0056)		
16570-0062	EA 10' High, 3" Diameter Aluminum Area Light Pole, Tapered	610.33	76.37
16570-0063	EA 12' High, 3" Diameter Aluminum Area Light Pole, Tapered	871.73	114.56
16570-0064	EA 14' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,015.66	152.75
16570-0065	EA 16' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,056.08	318.71
16570-0066	EA 18' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,415.45	191.67
16570-0067	EA 20' High, 3" Diameter Aluminum Area Light Pole, Tapered	1,642.49	209.29
16570-0068	Steel Area Lighting Poles (16570-0055)		
16570-0069	Steel Area Lighting Poles, Powder Coat Finish (16570-0068)		
	Note: Accepts single luminary or bracket. Anchor base type.		
16570-0070	EA 10' High Steel Area Light Pole, Powder Coat Finish	685.25	115.30
	Note: Round or square.		
16570-0071	EA 15' High Steel Area Light Pole, Powder Coat Finish	917.84	191.67
	Note: Round or square.		
16570-0072	EA 20' High Steel Area Light Pole, Powder Coat Finish	1,076.21	220.30
	Note: Round or square.		
16570-0073	EA 25' High Steel Area Light Pole, Powder Coat Finish	1,222.42	293.74
	Note: Round or square.		
16570-0074	EA 30' High Steel Area Light Pole, Powder Coat Finish	1,624.32	330.45
	Note: Round or square.		

16000 Electrical
16500 Lighting
16570 Poles And Standards



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16570-0075	EA	35' High Steel Area Light Pole, Powder Coat Finish Note: Round or square.	1,976.55	348.82
16570-0076		Tapered Steel Area Lighting Poles, Powder Coat Finish (16570-0068) Note: Accepts single luminary or bracket. Anchor base type.		
16570-0077	EA	20' High Round Tapered Steel Area Light Pole Note: Powder coat finish.	1,404.26	234.01
		16MOD-0161 For Square Tapered Pole, Add	355.77	
16570-0078	EA	25' High Round Tapered Steel Area Light Pole Note: Powder coat finish.	1,742.57	312.02
		16MOD-0162 For Square Tapered Pole, Add	738.23	
16570-0079	EA	30' High Round Tapered Steel Area Light Pole Note: Powder coat finish.	2,052.80	351.02
		16MOD-0162 For Square Tapered Pole, Add	891.51	
16570-0080	EA	35' High Round Tapered Steel Area Light Pole Note: Powder coat finish.	2,212.65	370.52
		16MOD-0162 For Square Tapered Pole, Add	971.26	
16570-0081	EA	39' High Round Tapered Steel Area Light Pole Note: Powder coat finish.	2,437.85	390.02
		16MOD-0163 For Square Tapered Pole, Add	547.08	
16570-0082		Hinged Square Steel Area Lighting Poles, Powder Coat Finish (16570-0068)		
16570-0083	EA	20' High Hinged Square Steel Area Light Pole Note: Powder coat finish.	1,210.67	242.34
16570-0084	EA	30' High Hinged Square Steel Area Light Pole Note: Powder coat finish.	1,677.17	363.50
16570-0085		Concrete Area Lighting Poles (16570-0055)		
16570-0086		Concrete Octagonal Tapered Poles, Precast Butt Base Type (16570-0085)		
16570-0087	EA	28' High Concrete Octagonal Area Light Pole, Tapered	1,242.67	277.59
16570-0088	EA	30' High Concrete Octagonal Area Light Pole, Tapered	1,296.56	287.13
16570-0089	EA	33' High Concrete Octagonal Area Light Pole, Tapered	1,348.21	301.08
16570-0090	EA	36' High Concrete Octagonal Area Light Pole, Tapered	1,708.37	301.08
16570-0091	EA	38' High Concrete Octagonal Area Light Pole, Tapered	1,908.43	323.12
16570-0092	EA	43' High Concrete Octagonal Area Light Pole, Tapered	2,236.51	381.87
16570-0093	EA	47' High Concrete Octagonal Area Light Pole, Tapered	2,581.26	381.87
16570-0094	EA	27' High Concrete Octagonal Area Light Pole, Polished Brown With Acrylic Coating Finish	2,821.60	338.97
16570-0095	EA	30' High Concrete Octagonal Area Light Pole, Polished Brown With Acrylic Coating Finish	3,253.77	351.09
16570-0096	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	346.44	110.15
16570-0097	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	1,734.28	220.23
16570-0098	EA	Pole Base Cover For All Octagon Poles	134.50	44.94
16570-0099	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze.....	275.49	89.89
16570-0100		Concrete Spun Tapered Pole, Cast Burial Type (16570-0085)		
16570-0101	EA	13' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	1,578.16	220.30
16570-0102	EA	16' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	1,707.84	229.12
16570-0103	EA	18' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	1,839.11	246.75
16570-0104	EA	30' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	2,392.96	286.40
16570-0105	EA	35' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	2,778.47	305.49
16570-0106	EA	40' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	3,232.25	342.94
16570-0107	EA	45' High Burial Type Concrete Area Light Pole, Tapered Height Given Aboveground.....	3,605.65	382.59
16570-0108		Cast Iron Light Pole, Base And Lamp (16570-0055) Note: As manufactured by Hadco and King Luminaries or an approved equal.		
16570-0109	EA	10' Cast Iron Light Pole.....	688.45	91.79
16570-0110	EA	12' Cast Iron Light Pole.....	729.76	105.74
16570-0111	EA	14' Cast Iron Light Pole.....	789.46	110.15
16570-0112	EA	16' Cast Iron Light Pole.....	967.14	128.51
16570-0113	EA	18' Cast Iron Light Pole.....	1,125.16	139.53
16570-0114	EA	20' Cast Iron Light Pole.....	1,290.61	150.54
16570-0115		Fiberglass Area Lighting Poles (16570-0055)		
16570-0116		Fiberglass Poles, Decorative, Gothic (16570-0115)		
16570-0117	EA	10' Decorative Fiberglass Pole	694.69	91.79
16570-0118	EA	12' Decorative Fiberglass Pole	722.59	105.74
16570-0119	EA	14' Decorative Fiberglass Pole	758.97	110.15
16570-0120	EA	16' Decorative Fiberglass Pole	856.14	128.51
16570-0121	EA	18' Decorative Fiberglass Pole	936.48	139.53
16570-0122	EA	20' Decorative Fiberglass Pole	1,012.67	146.87
16570-0123	EA	25' Decorative Fiberglass Pole	1,158.85	154.21
16570-0124	EA	30' Decorative Fiberglass Pole	1,526.55	165.23
16570-0125	EA	35' Decorative Fiberglass Pole	1,792.32	183.59
16570-0126	EA	40' Decorative Fiberglass Pole	2,088.43	220.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16570-0127 Arms For Area Lighting Poles <small>(16570-0055)</small>		
16570-0128 Arms <small>(16570-0127)</small>		
16570-0129 Single Member Bracket For Aluminum Standard <small>(16570-0128)</small>		
16570-0130 EA 6' Aluminum Single Member Bracket Arm	282.87	73.44
16570-0131 EA 8' Aluminum Single Member Bracket Arm	386.76	102.81
16570-0132 EA 10' Aluminum Single Member Bracket Arm	500.24	121.90
16570-0133 Trussed Arm For Aluminum Standard <small>(16570-0128)</small>		
16570-0134 EA 12' Aluminum Trussed Arm.....	609.12	73.44
16570-0135 EA 15' Aluminum Trussed Arm.....	770.58	102.81
16570-0136 EA 18' Aluminum Trussed Arm.....	1,027.99	121.90
16570-0137 Davit Arm For Aluminum Standard <small>(16570-0128)</small>		
16570-0138 EA 6' Aluminum Davit Arm	705.07	73.44
16570-0139 EA 15' Aluminum Davit Arm	1,346.31	102.81
16570-0140 Tapered Bracket Arm <small>(16570-0128)</small>		
16570-0141 EA 8' Tapered Bracket Arm	1,533.33	168.90
16570-0142 Wood Pole Mounted Arm <small>(16570-0128)</small>		
16570-0143 EA 6' Aluminum Bracket Arm Wood pole Mounted	282.87	73.44
16570-0144 EA 12' Aluminum Bracket Arm Wood Pole Mounted	693.81	102.81
16570-0145 EA 18' Aluminum Bracket Arm Wood Pole Mounted	874.47	121.90
16570-0146 Aluminum Arm Bracket Type <small>(16570-0127)</small>		
16570-0147 EA Aluminum Two Arm Pole Bracket	205.34	36.71
16570-0148 EA Aluminum Three Arm Pole Bracket.....	249.25	36.71
16570-0149 EA Aluminum Four Arm Pole Bracket.....	328.19	36.71
16570-0150 Galvanized Steel Arm Bracket Type <small>(16570-0127)</small>		
16570-0151 EA Steel Two Arm Pole Bracket, Powder Coat Finish.....	156.00	36.71
16570-0152 EA Steel Three Arm Pole Bracket, Powder Coat Finish	213.39	36.71
16570-0153 EA Steel Four Arm Pole Bracket, Powder Coat Finish	251.52	36.71
16570-0154 Landscape Lighting Post Round Steel Tube <small>(16570)</small>		
16570-0155 Surface Type, Round, 8-1/2" Base, Anchor Bolts With Base Cover <small>(16570-0154)</small>		
16570-0156 EA 3' High, 1-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover.....	1,523.40	58.47
16570-0157 EA 6' High, 1-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover.....	1,903.52	73.26
16570-0158 EA 8' High, 1-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover.....	2,304.54	97.92
16570-0159 EA 8' To 9' High, 2-3/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover.....	2,655.33	97.92
16570-0160 EA 8' To 9' High, 2-7/8" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover.....	3,007.07	97.92
16570-0161 EA 8' High, 3-1/2" Diameter Surface Round Steel Light Post, 8-1/2" Base, Landscape, Anchor Bolts And Base Cover.....	3,359.29	97.92
16570-0162 EA 9' High, 3-1/2" Diameter 8-1/2" Surface Round Steel Light Post, Base, Landscape, Anchor Bolts And Base Cover.....	3,709.94	97.92
16570-0163 Burial Type, Round, Height, Given Above Ground 18" Burial <small>(16570-0154)</small>		
16570-0164 EA 3' High, 1-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial.....	708.97	73.26
16570-0165 EA 6' High, 1-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial.....	990.31	97.92
16570-0166 EA 8' High, 1-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial.....	1,315.38	106.37
16570-0167 EA 8/9' High, 2-3/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	1,756.14	106.37
16570-0168 EA 8/9' High, 2-7/8" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial	2,373.22	106.37
16570-0169 EA 8' High, 3-1/2" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial.....	3,237.13	106.37
16570-0170 EA 9' High, 3-1/2" Diameter Burial Type Round Steel Light Post, Height Given Aboveground, 18" Burial.....	4,446.60	106.37
16570-0171 High Mast Lighting <small>(16570)</small>		
16570-0172 High Mast Lighting Assemblies <small>(16570-0171)</small>		
Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 16522-0000 for high mast fixtures.		
16570-0173 EA 60'-100' High Mast Lighting Assembly	21,807.26	2,086.61
16570-0174 EA 110' High Mast Lighting Assembly	23,411.94	2,291.37
16570-0175 EA 120' High Mast Lighting Assembly	24,631.24	2,505.88
16570-0176 EA 130' High Mast Lighting Assembly	25,754.56	2,710.65
16570-0177 EA 140' High Mast Lighting Assembly.....	26,973.89	2,925.15
16570-0178 EA 150' High Mast Lighting Assembly.....	28,402.53	3,134.83



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16570-0179		High Mast Light Poles <small>(16570-0171)</small>		
16570-0180	EA	60'-100' High Mast Light Poles.....	13,176.84	1,669.29
16570-0181	EA	110' High Mast Light Poles.....	14,427.35	1,833.10
16570-0182	EA	120' High Mast Light Poles.....	15,390.00	2,004.71
16570-0183	EA	130' High Mast Light Poles.....	16,256.68	2,168.52
16570-0184	EA	140' High Mast Light Poles.....	17,219.35	2,340.13
16570-0185	EA	150' High Mast Light Poles.....	18,277.96	2,507.83
16570-0186		High Mast Lighting Accessories <small>(16570-0171)</small>		
16570-0187	EA	Bottom Latching System.....	305.01	
16570-0188	EA	Top Latching System.....	812.44	
16570-0189	EA	Centering Springs.....	614.51	
16570-0190	EA	Electric Power Cord.....	271.45	
16570-0191	EA	Aircraft Warning Lights.....	637.94	
16570-0192	EA	Internal Motorized Hoist.....	4,789.32	
16570-0193	EA	Portable Hoist Motor With Step Down Transformer.....	4,853.44	
16570-0194		Concrete Bases <small>(16570)</small>		
		Note: Includes excavation/drilling, concrete, reinforcement, anchors/supports and backfill. Excludes conduit.		
16570-0195		Concrete Bases, Cast In Place <small>(16570-0194)</small>		
16570-0196	VLF	2' Diameter Concrete Base For Poles.....	60.14	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0197	VLF	2-1/2' Diameter Concrete Base For Poles.....	75.92	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0198	VLF	3' Diameter Concrete Base For Poles.....	92.02	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0199	VLF	3-1/2' Diameter Concrete Base For Poles.....	113.44	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0200	VLF	4' Diameter Concrete Base For Poles.....	134.95	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0201	VLF	5' Diameter Concrete Base For Poles.....	184.22	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0202	VLF	6' Diameter Concrete Base For Poles.....	242.99	
		Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
16570-0203		Area Lighting Fixtures <small>(16570)</small>		
16570-0204		Shoobox Light Pole Fixture <small>(16570-0203)</small>		
16570-0205	EA	400 Watt High Pressure Sodium, Aluminum Shoe Box, Area Fixture.....	678.27	73.44
16600 Special Systems <small>(16600)</small>				
16622 Battery Charging Equipment <small>(16600)</small>				
16622-0001		Solid State Chargers, Single Phase <small>(16622)</small>		
		Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V		
16622-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 V.....	1,711.56	402.52
16622-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 V.....	1,986.87	402.52
16622-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 V.....	2,185.31	402.52
16622-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 V.....	2,317.75	476.58
16651 Transient Voltage Surge Suppression <small>(16600)</small>				
16651-0001		25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(16651)</small>		
		Note: Liebert LPL		
16651-0002	EA	120/240VAC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	175.70	17.62
16651-0003	EA	208VAC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	189.96	17.62
16651-0004	EA	240/120VAC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	197.01	21.14
16651-0005	EA	277VAC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	164.58	14.09
16651-0006	EA	480/277VAC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	197.01	21.14
16651-0007		50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(16651)</small>		
		Note: Liebert LPL		
16651-0008	EA	120/240VAC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	245.95	17.62
16651-0009	EA	208/120VAC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	261.14	21.14
16651-0010	EA	208VAC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	254.09	17.62
16651-0011	EA	480/277VAC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	261.14	21.14
16651-0012		100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(16651)</small>		
		Note: Liebert LPL		
16651-0013	EA	120/240VAC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	298.88	17.62



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16651-0014	EA	208/120VAC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	314.08	21.14
16651-0015	EA	277VAC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	279.62	14.09
16651-0016	EA	480/277VAC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	314.08	21.14
16651-0017		100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (16651)		
		Note: Liebert LPM		
16651-0018	EA	120/240VAC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	353.85	17.62
16651-0019	EA	208/120VAC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	398.57	21.14
16651-0020	EA	277VAC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	335.61	14.09
16651-0021		160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (16651)		
		Note: Liebert LPM		
16651-0022	EA	208/120VAC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	627.62	21.14
16651-0023	EA	208VAC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	620.57	17.62
16651-0024	EA	480/277VAC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	627.62	21.14
16651-0025		250 kA, 500 Joule Transient Voltage Surge Suppression (16651)		
		Note: Liebert Interceptor Hybrid.		
16651-0026	EA	LED Display, 120/208VAC Three Phase, 250 kA Transient Voltage Surge Suppressor	3,662.28	35.22
16651-0027	EA	Audible Alarm/LED Display, 120/208VAC Three Phase, 250 kA Transient Voltage Surge Suppressor	4,476.68	35.22
16651-0028		Class 1310 Transient Voltage Surge Suppression (16651)		
		Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
16651-0029		NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor (16651-0028)		
		Note: Square D. EMA series.		
16651-0030	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	2,935.48	91.58
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0031	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,236.08	105.67
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0032	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,738.74	123.28
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0033	EA	320 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,312.18	140.89
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0034	EA	480 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,345.46	193.73
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0035	EA	120 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,064.43	91.58
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0036	EA	160 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,377.74	105.67
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0037	EA	240 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,957.59	123.28
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0038	EA	320 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,596.40	140.89
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0039	EA	480 kA, 120/208 V, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,784.06	193.73
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0040	EA	120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,064.43	91.58
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0041	EA	160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,377.74	105.67
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0042	EA	240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,957.56	123.28
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0043	EA	320 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,596.40	140.89
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0044	EA	480 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,784.06	193.73
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0045	EA	120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,193.39	91.58
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0046	EA	160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,521.21	105.67
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	
16651-0047	EA	240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,178.24	123.28
		16MOD-0190 For Integral Disconnect, Add	265.68	
		16MOD-0191 For Surge Counter, Add	203.04	

16000 Electrical
16600 Special Systems
16651 Transient Voltage Surge Suppression



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16651-0048	EA	320 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,882.49	140.89
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0049	EA	480 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	10,224.43	193.73
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0050	EA	120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,343.21	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0051	EA	160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,670.16	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0052	EA	240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	5,408.89	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0053	EA	320 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,182.15	140.89
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0054	EA	480 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	10,062.32	193.73
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0055		NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <small>(16651-0028)</small>		
		Note: Square D EBA series.		
16651-0056	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,281.70	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0057	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,758.47	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0058	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,054.07	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0059	EA	120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,355.25	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0060	EA	160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,867.43	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0061	EA	240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,196.63	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0062	EA	120 kA, 120/240 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,355.25	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0063	EA	160 kA, 120/240 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,867.43	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0064	EA	240 kA, 120/240 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,196.63	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0065	EA	120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,448.78	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0066	EA	160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,984.58	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0067	EA	240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,379.15	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0068	EA	120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,546.85	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0069	EA	160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,108.97	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0070	EA	240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,570.75	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0071		NEMA 4X Modular Device Transient Voltage Surge Suppressor <small>(16651-0028)</small>		
		Note: Square D EMA series. Stainless steel.		
16651-0072	EA	120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	3,793.59	91.58
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0073	EA	160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,094.20	105.67
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	
16651-0074	EA	240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,596.85	123.28
	16MOD-0190	For Integral Disconnect, Add	265.68	
	16MOD-0191	For Surge Counter, Add	203.04	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16651-0075	EA 120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	3,922.54	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0076	EA 160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,235.85	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0077	EA 240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,815.70	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0078	EA 120 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	3,922.54	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0079	EA 160 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,235.85	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0080	EA 240 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,815.67	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0081	EA 120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,051.50	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0082	EA 160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,379.33	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0083	EA 240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	6,036.35	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0084	EA 120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,201.33	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0085	EA 160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,528.27	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0086	EA 240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	6,267.00	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0087	NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <small>(16651-0028)</small>		
	Note: Square D EBA series. Stainless steel.		
16651-0088	EA 120 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,139.81	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0089	EA 160 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,616.58	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0090	EA 240 kA, 120/240 V, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	4,912.19	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0091	EA 120 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,213.36	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0092	EA 160 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,725.55	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0093	EA 240 kA, 120/208 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	5,054.75	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0094	EA 120 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,213.36	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0095	EA 160 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,725.55	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0096	EA 240 kA, 120/240 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	5,054.75	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0097	EA 120 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,306.89	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0098	EA 160 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,842.69	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0099	EA 240 kA, 277/480 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	5,237.26	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0100	EA 120 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,404.97	91.58
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0101	EA 160 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	3,967.09	105.67
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	
16651-0102	EA 240 kA, 347/600 V, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor.....	5,428.86	123.28
	16MOD-0190 For Integral Disconnect, Add	265.68	
	16MOD-0191 For Surge Counter, Add	203.04	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

16700 Communications (16000)

16720 Telecommunication Equipment (16700)

Note: Includes testing of new devices and certification

16720-0001 Public Telephone (16720)

16720-0002 3/4" Fire Retardant Plywood Backboards (16720-0001)

16720-0003	EA	4' x 4' x 3/4" Fire Retardant Plywood Phone Backboard.....	53.19	18.32
16720-0004	EA	4' x 8' x 3/4" Fire Retardant Plywood Phone Backboard.....	106.37	36.64

16720-0005 Terminal Cabinets (16720-0001)

16720-0006	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	199.25	52.84
16720-0007	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	249.93	58.11
16720-0008	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	287.59	66.93
16720-0009	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard.....	298.39	68.68
16720-0010	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard.....	362.09	70.45
16720-0011	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard.....	446.64	79.25
16720-0012	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	456.47	77.49
16720-0013	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	588.61	110.39
16720-0014	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	630.35	121.31
16720-0015	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	757.74	128.14
16720-0016	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	625.79	105.67
16720-0017	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	676.83	114.47
16720-0018	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	844.64	146.74
16720-0019	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,015.74	183.44
16720-0020	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,146.31	181.40
16720-0021	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,319.22	220.71
16720-0022	EA	19" x 84" Equipment Rack With Base And Two Sides.....	1,497.22	176.11

16720-0023 Terminal Blocks With Wide Range Of 22-8 AWG (16720-0001)

16720-0024	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG.....	19.65	7.06
16720-0025	EA	Terminal Block, Fuse Holder 600V/6.3A With Wire Range 22-8 AWG.....	35.01	7.06
16720-0026	EA	Terminal Block, Fuse Holder 600V/10A With Wire Range 22-8 AWG.....	28.73	7.06
16720-0027	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG.....	15.55	7.06
16720-0028	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG.....	11.06	4.94
16720-0029	EA	Ground Terminal Block With Wire Range 22-8 AWG.....	20.32	7.06
16720-0030	EA	Terminal Block, Solderless Box With Lug 600V/60A With Wire Range 22-8 AWG.....	15.55	7.06
16720-0031	EA	Terminal Block, Mini Box Lug 300V/30A With Wire Range 22-8 AWG.....	10.97	4.94
16720-0032	EA	Flat Terminal Block Connection 300V/20A With Wire Range 22-8 AWG.....	10.90	4.94
16720-0033	EA	Self Lifting Terminal Block, 300V/40A Wire Connection With Wire Range 22-12 AWG.....	11.20	4.94

16720-0034 Terminal Block Mounting Channel (16720-0001)

16720-0035	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel.....	10.31	3.53
16720-0036	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel.....	12.97	3.53
16720-0037	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel.....	17.58	3.53
16720-0038	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc.....	13.01	4.24
16720-0039	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc.....	17.40	4.24
16720-0040	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc.....	24.55	4.24

16720-0041 Outlet Termination Hardware (16720-0001)

16720-0042	EA	Telephone Outlet Blocks.....	18.63	3.53
16720-0043	EA	Phone Outlet Block For Floor Box.....	58.28	26.77
		Note: Excludes box.		
16720-0044	EA	Fiber Optic "SC" Type Modular Bulkhead.....	48.35	15.85
16720-0045	EA	Fiber Optic "ST" Type Modular Bulkhead.....	48.35	15.85
16720-0046	EA	Type "F" Coaxial Connector Male.....	28.77	10.57
16720-0047	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	70.61	17.62
16720-0048	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	70.61	17.62
16720-0049	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	83.79	17.62
16720-0050	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	83.79	17.62
16720-0051	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector.....	76.85	17.62
16720-0052	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5.....	642.39	88.06
16720-0053	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V.....	33.47	7.05
		Note: Excludes cable terminations.		
16720-0054	EA	Connecting Block, 5-Pair.....	2.06	0.70
16720-0055	EA	Connecting Block, 4-Pair.....	2.00	0.70
16720-0056	EA	Plastic Label Holder, Transparent.....	8.43	1.76
16720-0057	EA	Marked Label, White, 5-Pair.....	2.35	
16720-0058	EA	Marked Label, Blue, 4-Pair.....	2.35	

16720-0059 Wall Mounted Telephone Faceplates (16720-0001)

Note: Includes standard telephone mounting studs.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16720-0060 Plastic Faceplates For Wall Mounted Telephones <small>(16720-0059)</small>		
16720-0061 EA Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones.....	23.63	8.80
16720-0062 Stainless Steel Faceplates For Wall Mounted Telephones <small>(16720-0059)</small>		
16720-0063 EA Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	19.56	3.52
<small>Note: Requires one snap-in modular jack.</small>		
16720-0064 EA Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	34.52	8.80
16720-0065 EA Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	40.24	10.57
16720-0066 EA Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	18.83	3.52
<small>Note: Requires one snap-in modular jack.</small>		
16720-0067 EA Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	31.43	8.80
16720-0068 EA Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	37.23	10.57
16720-0069 Cable Terminating, Testing, And Labeling <small>(16720-0001)</small>		
<small>Note: The terminating, testing, and labeling of the cables should be done according to the task description as well as the current contract specifications.</small>		
16720-0070 EA Terminate One End Of A 4 Pair Cable To Category V Specifications, 1 To 5 Cables	24.96	
16720-0071 EA Terminate One End Of A 4 Pair Cable To Category V Specifications, 6 To 10 Cables	20.80	
16720-0072 EA Terminate One End Of A 4 Pair Cable To Category V Specifications, >10 Cables	12.48	
16720-0073 EA Label Both Ends Of One 4 Pair Cable	13.87	
16720-0074 EA Label single gang face plate (2 labels required)	11.09	
16720-0075 EA Label two gang face plate (4 labels required)	16.64	
16720-0076 EA Label both ends of a Siamese (dual 4 Pair cable)	13.87	
16720-0077 Protector Panels And Associated Equipment <small>(16720-0001)</small>		
16720-0078 EA Lucent 489ACA1-025, 25 Pair Protector Panel, Including Terminations.....	513.36	72.14
16720-0079 EA Lucent 489ACA1-050, 50 Pair Protector Panel, Including Terminations.....	660.81	96.20
16720-0080 EA Lucent 489ACA1-100, 100 Pair Protector Panel, Including Terminations.....	980.22	144.27
16720-0081 EA Lucent 3B1-EW, Gas Tube Protector Unit	6.21	1.05
16720-0082 EA ITE #ECGK Copper Ground Bus Bar.....	57.35	19.06
16720-0083 Interior PBX Telephone System <small>(16720)</small>		
<small>Note: Includes telephone instruments cabling and solid state switching</small>		
16720-0084 Interior PBX Telephone System <small>(16720-0083)</small>		
<small>Note: Cost is for each line up to 1000 lines.</small>		
16720-0085 EA 1 Line PBX Connection, Cost Per Each Line Up To 1000	1,001.30	367.49
16720-0086 Additional Telephones Less Solid State Switching (PBX) <small>(16720-0083)</small>		
16720-0087 EA Add For Each Additional PBX Phone Line Less Solid State Switching.....	311.48	28.89
16720-0088 Telephones <small>(16720-0083)</small>		
16720-0089 EA Telephones, Desk Type Intercommunication Equipment.....	126.84	27.47
16720-0090 EA Telephones, Wall Type Intercommunication Equipment.....	145.36	36.64
16720-0091 Interior Telephone System <small>(16720)</small>		
16720-0092 Components <small>(16720-0091)</small>		
16720-0093 EA Solid State Exchange Unit With Power Supply	3,748.48	643.73
16720-0094 EA Dial Telephone - Handset In Cabinet.....	230.34	52.62
16720-0095 EA Elevator Cab Telephone With Trailer Cable.....	233.33	56.43
16720-0096 EA Loud Ring Bell, 6"	185.38	52.34
16720-0097 EA Audio/Visual Indicator	231.26	49.31
16720-0098 EA Administrative Telephone With Digital Display.....	238.86	44.24
16720-0099 EA Processing Unit For 16 Station System	1,224.00	360.89
16720-0100 EA Handset For 16 Station System	169.76	35.92
16720-0101 EA Handset In Cabinet, For 16 Station System.....	229.91	48.47
16720-0102 MLF 20 Conductor Unshielded Cable, #22	1,665.46	776.81
16720-0103 EA Power Supply For 16 Station System	227.93	95.87
16720-0104 EA Intercom Terminal Board	208.06	107.92
16720-0105 EA Power Supply For Five Station System, 24 VDC	235.85	95.87
16720-0106 EA Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick.....	112.97	39.42
16720-0107 EA Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	342.92	86.75
16720-0108 EA Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	403.87	98.60
16720-0109 EA Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	489.01	116.70
16720-0110 EA Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	573.84	126.16
16720-0111 EA Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	879.74	143.55
16720-0112 EA Ring Rung 3"	7.40	3.93
16720-0113 EA G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	18.14	6.98
16720-0114 EA G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	33.52	14.30
16720-0115 Accessories <small>(16720-0091)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16720-0116 EA Blank Telephone Receptacle, Exposed Devices - Complete	7.77	3.80
16720-0117 EA 4-Pin Telephone Receptacle, Exposed Devices - Complete	16.26	14.65
16720-0118 EA Level 5, RJ-45 Jack, Dual Flush Mounted - Complete	38.73	16.10
16720-0119 EA Level 5, RJ-45 Jack, Wall Mount - Complete	37.28	16.10
16720-0120 EA Terminating Strips, Inside	75.29	32.20
16720-0121 EA Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	34.78	16.55
16720-0122 EA Ready Access Closure 3 To 25 Pair	90.87	38.81
16720-0123 EA Ready Access Closure 25 To 100 Pair	104.85	43.39
16720-0124 EA Termination Block With Bracket 25 Pair	33.20	13.03
16720-0125 EA RJ-11 Telephone Receptacle, Concealed Devices - Complete	34.20	16.34
16720-0126 EA Interior Protected Terminal 25 Pair	339.38	94.12
16720-0127 EA Interior Protected Terminal 50 Pair	390.89	95.59
16720-0128 EA Pedestal 6" x 6" x 50" 3 To 100 Pair	136.31	39.16
16720-0129 EA Pedestal 8" x 8" x 50" 100 To 300 Pair	139.79	39.16
16720-0130 EA Pedestal 10" x 10" x 43" 300 To 600 Pair	183.45	50.09
16720-0131 EA Pedestal 10" x 16" x 439 600 Pair	370.98	90.24
16720-0132 EA Entrance Protector Terminal 100 Pair	497.70	102.99
16720-0133 EA Gas Protection Module	9.07	3.52
16720-0134 EA Terminating Boxes, Outside With 3 Element Protectors, Per Pair	13.70	3.22

16720-0135 Public Telephone System (16720)

16720-0136 Emergency Telephone (16720-0135)

Note: Standard features include: CB3000 speakerphone, 3 auxiliary inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70w area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8"-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

16720-0137 EA Emergency Telephone Code Blue CB 1-s Pedestal Interactive Communication Unit With CB3000 Speakerphone (Single Help Button)	4,688.35	
16MOD-0165 For Cellular Communication, Add	1,329.17	
16MOD-0166 For 2.4 GHz RF Communication, Add	2,745.83	
16MOD-0167 For Night Charge, Add	1,162.50	
16MOD-0168 For Area Light Photocell, Add	50.00	
16MOD-0169 For Video Camera Bracket, Add	537.50	
16MOD-0170 For Black And White Mini-board Camera, Add	704.17	
16MOD-0171 For Powered Dome Vent With Fan, Add	162.50	
16MOD-0172 For Faceplate Heater, Add	162.50	
16MOD-0173 For Optional Colors (Set-up Fee Per Order), Add	208.33	
16720-0138 EA Emergency Telephone Code Blue CB 1-s Pedestal Interactive Communication Unit With CB3000 Speakerphone (Single Help Button And Info Button)	4,771.69	
16MOD-0165 For Cellular Communication, Add	1,329.17	
16MOD-0166 For 2.4 GHz RF Communication, Add	2,745.83	
16MOD-0167 For Night Charge, Add	1,162.50	
16MOD-0168 For Area Light Photocell, Add	50.00	
16MOD-0169 For Video Camera Bracket, Add	537.50	
16MOD-0170 For Black And White Mini-board Camera, Add	704.17	
16MOD-0171 For Powered Dome Vent With Fan, Add	162.50	
16MOD-0172 For Faceplate Heater, Add	162.50	
16MOD-0173 For Optional Colors (Set-up Fee Per Order), Add	208.33	
16720-0139 EA Emergency Telephone Code Blue CB 1-s Pedestal Interactive Communication Unit With CB3000 Speakerphone (Single Help Button And Info Button And Keypad)	4,813.35	
16MOD-0165 For Cellular Communication, Add	1,329.17	
16MOD-0166 For 2.4 GHz RF Communication, Add	2,745.83	
16MOD-0167 For Night Charge, Add	1,162.50	
16MOD-0168 For Area Light Photocell, Add	50.00	
16MOD-0169 For Video Camera Bracket, Add	537.50	
16MOD-0170 For Black And White Mini-board Camera, Add	704.17	
16MOD-0171 For Powered Dome Vent With Fan, Add	162.50	
16MOD-0172 For Faceplate Heater, Add	162.50	
16MOD-0173 For Optional Colors (Set-up Fee Per Order), Add	208.33	
16720-0140 EA Emergency Telephone Code Blue CB 1-d Pedestal Interactive Communication Unit With CB3000 Speakerphone (Single Help Button)	4,938.35	
16MOD-0165 For Cellular Communication, Add	1,329.17	
16MOD-0166 For 2.4 GHz RF Communication, Add	2,745.83	
16MOD-0167 For Night Charge, Add	1,162.50	
16MOD-0168 For Area Light Photocell, Add	50.00	
16MOD-0169 For Video Camera Bracket, Add	537.50	
16MOD-0170 For Black And White Mini-board Camera, Add	704.17	
16MOD-0171 For Powered Dome Vent With Fan, Add	162.50	
16MOD-0172 For Faceplate Heater, Add	162.50	
16MOD-0173 For Optional Colors (Set-up Fee Per Order), Add	208.33	
16720-0141 EA Emergency Telephone Code Blue CB 1-d Pedestal Interactive Communication Unit With CB3000 Speakerphone (Single Help Button And Info Button)	5,021.69	
16MOD-0165 For Cellular Communication, Add	1,329.17	
16MOD-0166 For 2.4 GHz RF Communication, Add	2,745.83	
16MOD-0167 For Night Charge, Add	1,162.50	
16MOD-0168 For Area Light Photocell, Add	50.00	
16MOD-0169 For Video Camera Bracket, Add	537.50	
16MOD-0170 For Black And White Mini-board Camera, Add	704.17	
16MOD-0171 For Powered Dome Vent With Fan, Add	162.50	
16MOD-0172 For Faceplate Heater, Add	162.50	
16MOD-0173 For Optional Colors (Set-up Fee Per Order), Add	208.33	



Electrical	16000	16
Communications	16700	
Telecommunication Equipment	16720	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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16720-0142	EA	Emergency Telephone Code Blue CB 1-d Pedestal Interactive Communication Unit With CB3000 Speakerphone (Single Help Button And Info Button And Keypad)	5,063.35	
	16MOD-0165	For Cellular Communication, Add	1,329.17	
	16MOD-0166	For 2.4 GHz RF Communication, Add	2,745.83	
	16MOD-0167	For Night Charge, Add	1,162.50	
	16MOD-0168	For Area Light PhotoCell, Add	50.00	
	16MOD-0169	For Video Camera Bracket, Add	537.50	
	16MOD-0170	For Black And White Mini-board Camera, Add	704.17	
	16MOD-0171	For Powered Dome Vent With Fan, Add	162.50	
	16MOD-0172	For Faceplate Heater, Add	162.50	
	16MOD-0173	For Optional Colors (Set-up Fee Per Order), Add	208.33	

16720-0143 City Police Call System (16720)

16720-0144 Components (16720-0143)

16720-0145	EA	City Police Call System	438.11	82.14
16720-0146	EA	Concrete Foundation For Police Department Telephone Post	404.60	118.98

16720-0147 Equipment Hardware, Racks And Patch Panels (16720)

16720-0148	EA	25 Pair Cable Termination In Manhole Or Junction Box	124.09	
16720-0149	EA	50 Pair Cable Termination In Manhole Or Junction Box	238.34	
16720-0150	EA	100 Pair Cable Termination In Manhole Or Junction Box	476.69	
16720-0151	EA	150 Pair Cable Termination In Manhole Or Junction Box	715.28	
16720-0152	EA	200 Pair Cable Termination In Manhole Or Junction Box	849.73	
16720-0153	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,264.04	
16720-0154	EA	400 Pair Cable Termination In Manhole Or Junction Box	1,595.24	
16720-0155	EA	500 Pair Cable Termination In Manhole Or Junction Box	1,980.94	
16720-0156	EA	750 Pair Cable Termination In Manhole Or Junction Box	2,953.83	
16720-0157	EA	1000 Pair Cable Termination In Manhole Or Junction Box	3,580.29	
16720-0158	EA	1200 Pair Cable Termination In Manhole Or Junction Box	4,070.09	
16720-0159	EA	12" x 5'-11" Tubular Runway	63.67	16.90
16720-0160	EA	12" x 9'-11" Tubular Runway	109.84	28.17
16720-0161	EA	Shelf Bracket Support For Tubular Runway	20.21	5.28
16720-0162	EA	Straight Clamp Hardware For Tubular Runway	9.04	3.52
16720-0163	EA	Corner Clamp Hardware For Tubular Runway	9.54	3.52
16720-0164	EA	90 Degree Edge Clamp Hardware For Tubular Runway	21.33	6.34
16720-0165	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	44.51	10.57
16720-0166	EA	J-Bolt Hardware For Tubular Runway	8.32	1.55
16720-0167	EA	T Bracket Hardware For Tubular Runway	23.36	8.80
16720-0168	EA	19" x 84" Equipment Rack, Modular Networking Frame	270.40	35.22
16720-0169	EA	Horizontal Cable Management Panel, Two Rack Space	60.02	8.80
16720-0170	EA	Vertical Cable Management Center Panel	78.34	10.57
16720-0171	EA	2" Wide Vertical Cable Management Bracket	12.44	3.52

16730 Intercommunication Equipment (16700)

Note: Includes testing of new devices and certification

16730-0001 Master Stations (16730)

16730-0002	EA	Master Stations, 5 Station Intercommunication Equipment	585.13	109.90
16730-0003	EA	Master Stations, 10 Station Intercommunication Equipment	895.96	212.75
16730-0004	EA	Master Station, Desk Style Remote Intercommunication Equipment	254.18	54.94
16730-0005	EA	Master Station, Flush Wall Remote Intercommunication Equipment	332.86	91.58
16730-0006	EA	Sound System Outlet, Protector	89.79	35.85
16730-0007	EA	Sound System Microphone Outlet	160.82	73.40
16730-0008	EA	Sound System Speaker Ceiling Or Wall	115.89	35.85
16730-0009	EA	Sound System Monitor Panel	327.53	73.40
16730-0010	EA	Sound System Volume Control	101.82	35.85
16730-0011	EA	Sound System Amplifier 250 W	1,468.72	293.54
16730-0012	EA	Sound System Cabinet	918.43	293.54

16730-0013 Master Door Stations (16730)

16730-0014	EA	Master Door Stations, Button Buzzer Type, 25 Station	1,388.83	
	16MOD-0174	For Intercom Type Master Door Station, Add	100.28	
16730-0015	EA	Master Door Stations, Button Buzzer Type, 50 Station	2,302.63	
	16MOD-0174	For Intercom Type Master Door Station, Add	162.44	
16730-0016	EA	Master Door Stations, Button Buzzer Type, 75 Station	3,168.51	
	16MOD-0174	For Intercom Type Master Door Station, Add	210.58	
16730-0017	EA	Master Door Stations, Button Buzzer Type, 100 Station	3,617.73	
	16MOD-0174	For Intercom Type Master Door Station, Add	246.68	
16730-0018	EA	Master Door Stations, Button Buzzer Type, 150 Station	4,348.20	
	16MOD-0174	For Intercom Type Master Door Station, Add	360.99	
16730-0019	EA	Master Door Stations, Button Buzzer Type, 200 Station	5,073.21	
	16MOD-0174	For Intercom Type Master Door Station, Add	465.28	
16730-0020	EA	Master Door Stations, Button Buzzer Type, 250 Station	6,375.59	
	16MOD-0174	For Intercom Type Master Door Station, Add	601.65	
16730-0021	EA	Master Door Stations, Button Buzzer Type, 300 Station	7,636.44	
	16MOD-0174	For Intercom Type Master Door Station, Add	689.89	
16730-0022	EA	Transformer	96.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16730-0023 EA Door Opener	143.09	
16730-0024 EA Buzzer With Door Release And Plate	178.33	
16730-0025 EA Amplifier For Intercom Type Unit	272.27	
16730-0026 EA Speaker With Door Release	118.25	
16775 Data Communications (16700)		
Note: Includes testing of new devices and certification		
16775-0001 Communications Patch Cables And Cross Connect Wire (16775)		
16775-0002 Category 5E Patch Cables (16775-0001)		
16775-0003 EA 3' Category 5E Patch Cables With Boots	10.32	
16775-0004 EA 5' Category 5E Patch Cables With Boots	10.88	
16775-0005 EA 7' Category 5E Patch Cables With Boots	11.44	
16775-0006 EA 10' Category 5E Patch Cables With Boots	15.81	
16775-0007 EA 15' Category 5E Patch Cables With Boots	17.21	
16775-0008 EA 25' Category 5E Patch Cables With Boots	20.01	
16775-0009 Category 6 Patch Cables (16775-0001)		
16775-0010 EA 3' Category 6 Patch Cables With Boots	11.11	
16775-0011 EA 5' Category 6 Patch Cables With Boots	11.83	
16775-0012 EA 7' Category 6 Patch Cables With Boots	12.55	
16775-0013 EA 10' Category 6 Patch Cables With Boots	17.16	
16775-0014 EA 15' Category 6 Patch Cables With Boots	18.96	
16775-0015 EA 25' Category 6 Patch Cables With Boots	22.56	
16775-0016 EA 50' Category 6 Patch Cables With Boots	31.56	
16775-0017 EA 100' Category 6 Patch Cables With Boots	53.09	
16775-0018 Cross Connect Wire (16775-0001)		
Note: Up to 20' length.		
16775-0019 EA 2-Pair Cross Connect Wire	7.05	
16775-0020 EA 3-Pair Cross Connect Wire	8.45	
16775-0021 EA 4-Pair Cross Connect Wire	10.57	
16775-0022 Communications Faceplates And Modular Connectors (16775)		
See CSI section 16134-0000 for outlet boxes.		
16775-0023 Plastic Communications Faceplates (16775-0022)		
Note: Excludes modular jacks. See CSI section 16775-0063 for modular jacks.		
16775-0024 EA One Port, Single Gang, Plastic Communication Faceplate With Station ID	5.54	1.77
16775-0025 EA Two Port, Single Gang, Plastic Communication Faceplate With Station ID	5.54	1.77
16775-0026 EA Three Port, Single Gang, Plastic Communication Faceplate With Station ID	5.54	1.77
16775-0027 EA Four Port, Single Gang, Plastic Communication Faceplate With Station ID	5.54	1.77
16775-0028 EA Six Port, Single Gang, Plastic Communication Faceplate With Station ID	5.54	1.77
16775-0029 EA Four Port, Double Gang, Plastic Communications Faceplate With Station ID	8.57	1.77
16775-0030 EA Six Port, Double Gang, Plastic Communication Faceplate With Station ID	8.57	1.77
16775-0031 EA Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	8.57	1.77
16775-0032 EA Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	8.57	1.77
16775-0033 EA Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	8.57	1.77
16775-0034 Stainless Steel Communications Faceplates (16775-0022)		
Note: Excludes modular jacks. See CSI section 16775-0063 for modular jacks.		
16775-0035 Stainless Steel Communications Faceplates (16775-0034)		
16775-0036 EA One Port, Single Gang, Stainless Steel Communications Faceplate	10.41	1.77
16775-0037 EA Two Port, Single Gang, Stainless Steel Communications Faceplate	10.41	1.77
16775-0038 EA Three Port, Single Gang, Stainless Steel Communications Faceplate	10.41	1.77
16775-0039 EA Four Port, Single Gang, Stainless Steel Communications Faceplate	11.13	1.77
16775-0040 EA Six Port, Single Gang, Stainless Steel Communications Faceplate	11.13	1.77
16775-0041 EA Four Port, Double Gang, Stainless Steel Communications Faceplate	14.97	1.77
16775-0042 EA Six Port, Double Gang, Stainless Steel Communications Faceplate	15.42	1.77
16775-0043 EA Eight Port, Double Gang, Stainless Steel Communications Faceplate	17.83	1.77
16775-0044 EA Nine Port, Double Gang, Stainless Steel Communication Faceplate	17.83	1.77
16775-0045 EA Twelve Port, Double Gang, Stainless Steel Communications Faceplate	17.83	1.77
16775-0046 Stainless Steel Communications Faceplates With Station ID (16775-0034)		
16775-0047 EA One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	14.88	1.77
16775-0048 EA Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	14.88	1.77
16775-0049 EA Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	14.88	1.77
16775-0050 EA Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	14.88	1.77
16775-0051 EA Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	14.88	1.77
16775-0052 EA Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	31.95	1.77
16775-0053 EA Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	31.95	1.77
16775-0054 EA Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	31.95	1.77
16775-0055 EA Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	31.95	1.77
16775-0056 EA Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	31.95	1.77



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16775-0057 Surface Mount Plastic Communication Boxes <small>(16775-0022)</small>		
<i>Note: Excludes modular jacks. See CSI section 16775-0063 for modular jacks.</i>		
16775-0058 EA One Port, Surface Mount Plastic Communication Box With Station ID	20.20	8.82
16775-0059 EA Two Port, Surface Mount Plastic Communication Box With Station ID	20.64	8.82
16775-0060 EA Four Port, Surface Mount Plastic Communication Box With Station ID	23.73	8.82
16775-0061 EA Six Port, Surface Mount Plastic Communication Box With Station ID	27.39	8.82
16775-0062 EA Twelve Port, Surface Mount Plastic Communication Box With Station ID	31.24	8.82
16775-0063 Snap-In Modular Jacks <small>(16775-0022)</small>		
<i>Note: Includes termination.</i>		
16775-0064 EA Cat 3, Snap-In Modular Jack	19.21	7.06
16775-0065 EA Cat 5E, Snap-In Modular Jack	20.19	7.06
16775-0066 EA Cat 5E Shielded, Snap-In Modular Jack	23.14	7.06
16775-0067 EA Cat 6, Snap-In Modular Jack	23.14	7.06
16775-0068 EA Cat 6 Shielded, Snap-In Modular Jack	26.45	7.06
16775-0069 EA Voice, RJ-11, Snap-In Modular Jack	12.84	3.53
16775-0070 EA SC Type Fiber Optic, Snap-In Modular Jack	21.44	7.06
16775-0071 EA ST Type Fiber Optic, Snap-In Modular Jack	23.94	7.06
16775-0072 EA LC Type Fiber Optic, Snap-In Modular Jack	28.86	7.06
16775-0073 EA Blank Fill In, Snap-In Modular Jack	3.99	1.77
16775-0074 EA Open Cable Pass Through Insert, Snap-In Modular Jack	4.55	1.77
16775-0075 EA Coaxial F-Type Coupler, Snap-In Modular Jack	16.04	5.29
<i>Note: Includes female to female connection.</i>		
16MOD-0248 For Gold Bulkhead, Add	0.95	
16775-0076 EA RCA Jack Pass-Through Coupler, Snap-In Modular Jack	16.22	5.29
<i>Note: Includes female to female connection.</i>		
16775-0077 EA RCA Solder Coupler, Snap-In Modular Jack	32.43	7.06
16775-0078 EA RCA Jack With 110 Punch Down, Snap-In Modular Jack	39.67	7.06
16775-0079 EA 3.5 m Mini Stereo Jack, Snap-In Modular Jack	19.92	7.06
16775-0080 EA MT-RJ Pass-Through Coupler, Snap-In Modular Jack	20.90	3.53
16775-0081 EA BNC Connector, Snap-In Modular Jack	22.87	7.06
16775-0082 EA S-Video With 110 Punch Down, Snap-In Modular Jack	25.55	7.06
16775-0083 PR Speaker Connectors, Snap-In Modular Jack	33.46	10.59
<i>Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.</i>		
16775-0084 EA USB Audio Video Connector, Snap-In Modular Jack	37.89	7.06
16775-0085 Communications Copper Cable Modular Plugs And Testing <small>(16775)</small>		
16775-0086 Modular Plugs For Copper Communications Cable <small>(16775-0085)</small>		
16775-0087 EA Modular Plug For Non-Shielded Copper Communications Cable	15.66	
<i>Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.</i>		
16MOD-0249 For > 5 To 10, Deduct	-2.11	
16MOD-0250 For > 10, Deduct	-4.22	
16775-0088 EA Modular Plug For Shielded Copper Communications Cable	17.75	
<i>Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.</i>		
16MOD-0249 For > 5 To 10, Deduct	-2.37	
16MOD-0250 For > 10, Deduct	-4.74	
16775-0089 Testing And Certification Of Copper Communications Cable <small>(16775-0085)</small>		
16775-0090 PR Test 1-Pair Of A Copper Communications Cable For Continuity	3.52	
16MOD-0251 For > 25-Pair, Deduct	-1.40	
16775-0091 PR Certify 1-Pair Of A Copper Communications Cable	5.63	
16MOD-0251 For > 25-Pair, Deduct	-2.25	
16775-0092 PR Certify And Document 1-Pair Of A Copper Communications Cable	8.45	
16MOD-0251 For > 25-Pair, Deduct	-3.37	
16775-0093 Communications Termination Blocks And Patch Panels <small>(16775)</small>		
16775-0094 Communications Patch Panels <small>(16775-0093)</small>		
<i>Note: Excludes cabinet and terminations.</i>		
16775-0095 EA 12 Port, Category 5E Patch Panel	153.67	35.22
16775-0096 EA 24 Port, Category 5E Patch Panel	224.68	35.22
16775-0097 EA 32 Port, Category 5E Patch Panel	291.87	35.22
16775-0098 EA 48 Port, Category 5E Patch Panel	354.47	35.22
16775-0099 EA 64 Port, Category 5E Patch Panel	550.06	44.03
16775-0100 EA 96 Port, Category 5E Patch Panel	652.34	52.84
16775-0101 EA 12 Port, Category 6 Patch Panel	184.97	35.22
16775-0102 EA 24 Port, Category 6 Patch Panel	229.26	35.22
16775-0103 EA 48 Port, Category 6 Patch Panel	388.07	35.22
16775-0104 EA 96 Port, Category 6 Patch Panel	716.47	52.84
16775-0105 EA Wall Mount Bracket For 12 Or 24 Port Patch Panel	39.96	
16775-0106 EA Wall Mount Bracket For 32 Or 48 Port Patch Panel	53.17	
16775-0107 EA Wall Mount Bracket For 64 Or 72 Port Patch Panel	58.08	
16775-0108 EA Wall Mount Bracket For 96 Port Patch Panel	64.73	
16775-0109 EA Up To 10 Connections At Patch Panel Per Termination	6.77	
<i>Note: Includes testing port.</i>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16775-0110 EA >10 To 25 Connections At Patch Panel Per Termination..... Note: Includes testing port.	4.93	
16775-0111 EA >25 To 50 Connections At Patch Panel Per Termination..... Note: Includes testing port.	3.70	
16775-0112 EA > 50 Connections At Patch Panel Per Termination..... Note: Includes testing port.	3.09	
16775-0113 Communications Termination Blocks (16775-0093)		
16775-0114 EA 100-Pair, 110 Block With Legs.....	31.98	8.80
16775-0115 EA 300-Pair, 110 Block With Legs.....	51.39	8.80
16775-0116 EA Clear Label Holder For 110 Wiring Block.....	9.03	3.52
16775-0117 EA 4-Pair, 110C Connecting Block.....	4.12	1.76
16775-0118 EA 5-Pair, 110C Connecting Block.....	4.21	1.76
16775-0119 EA 100-Pair, 110 Jack Panel System..... Note: Includes twelve 8-pin modular jacks and mounting legs.	150.08	10.57
16775-0120 EA 300-Pair, 110 Jack Panel System..... Note: Includes twelve 8-pin modular jacks and mounting legs.	385.84	10.57
16775-0121 Communications Cable Management And Racks (16775)		
16775-0122 EA Wire Management Trough.....	20.80	3.52
16775-0123 EA 19" Width, Horizontal Cable Manager.....	169.67	23.46
16775-0124 EA 3" Channel Width, 84" Height, Vertical Cable Manager.....	139.44	17.62
16775-0125 EA 6" Channel Width, 84" Height, Vertical Cable Manager.....	231.87	17.62
16775-0126 EA 19" x 48" Vertical Cable Management Rack.....	197.53	35.29
16775-0127 EA 19" x 60" Vertical Cable Management Rack.....	251.29	44.11
16775-0128 EA 19" x 72" Vertical Cable Management Rack.....	304.91	58.23
16775-0129 EA 19" x 84" Vertical Cable Management Rack.....	341.12	70.58
16775-0130 EA 2" J-Hooks With Beam Clamps.....	11.30	2.33
16775-0131 LF Velcro CMP.....	1.90	0.70
16775-0132 Communications Grounding Equipment (16775)		
16775-0133 EA 2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar.....	141.60	19.06
16775-0134 EA 4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar.....	168.31	19.06
16775-0135 EA #6 AWG, Cable Runway Ground Strap.....	40.59	3.53
16775-0136 EA 1/4" Screw Size, #6 AWG Compression Lug.....	14.34	3.53
16775-0137 EA 3/8" Screw Size, #6 AWG Compression Lug.....	15.22	3.53
16775-0138 EA Two Mounting Hole, Ground Terminal Block.....	16.70	3.53
16775-0139 Communications Network Equipment (16775)		
16775-0140 EA 16 Port Managed Hub With Fiberport And Standard Management.....	1,931.96	105.87
16775-0141 EA 16 Port Unmanaged Hub.....	396.16	70.58
16775-0142 EA Lightning Protection Plus Stainless Steel Modules, Siemon.....	257.67	35.22
16781 Master TV Antenna Equipment And Systems (16700)		
Note: Includes testing of new devices and certification		
16781-0001 Television Distribution System (16781)		
See CSI section 16120-0000 for basic wiring.		
16781-0002 Television Support System (16781-0001)		
16781-0003 EA Ceiling Mounted Television Support, 19" To 20".....	257.62	79.05
16781-0004 EA Ceiling Mounted Television Support, 19" To 20" With Rack.....	327.89	88.23
16781-0005 EA Ceiling Mounted Television Support, 25" To 27".....	267.81	79.05
16781-0006 EA Ceiling Mounted Television Support, 25" To 27" With Rack.....	338.08	88.23
16781-0007 EA Wall Mounted Television Support, 13".....	203.73	63.52
16781-0008 EA Wall Mounted Television Support, 13" With Rack.....	274.00	70.58
16781-0009 EA Wall Mounted Television Support, 19" To 20".....	217.10	63.52
16781-0010 EA Wall Mounted Television Support, 19" To 20" With Rack.....	287.37	70.58
16781-0011 EA Wall Mounted Television Support, 25" To 27".....	230.47	63.52
16781-0012 EA Wall Mounted Television Support, 25" To 27" With Rack.....	300.74	70.58
16781-0013 Distribution System (16781-0001)		
See CSI section 16120-0000 for wire and cabling.		
16781-0014 TV Distribution Rack (16781-0013)		
16781-0015 EA Steel Rack Cabinet With Shelves.....	846.20	129.55
16781-0016 EA Switch And Pilot Light.....	141.59	57.55
16781-0017 LF Surface Raceway With Outlets.....	17.20	7.82
16781-0018 EA Service Label.....	20.80	10.78
16781-0019 Head End Amplifier (16781-0013)		
16781-0020 EA Head End Amplifier.....	564.51	86.23



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16781-0021	UHF In-Line Booster Amplifier And Power Supply (16781-0013)		
16781-0022	EA UHF In-Line Booster.....	339.22	86.23
16781-0023	Preamplifiers (16781-0013)		
16781-0024	EA VHF Preamplifier	418.55	86.23
16781-0025	EA UHF Preamplifier	339.22	86.23
16781-0026	Power Supplies (16781-0013)		
16781-0027	EA Common Power Supply	597.93	123.21
16781-0028	Line Splitter And Mixer (16781-0013)		
16781-0029	EA Line Splitter.....	56.51	28.75
16781-0030	EA Two-Way Splitter	62.83	28.75
16781-0031	EA Frequency Filter.....	133.95	43.18
16781-0032	EA Line Splitter And Mixer.....	172.11	63.40
16781-0033	Power Line Filters (16781-0013)		
16781-0034	EA 120-Volt Power Supply Line Filter.....	252.65	57.55
16781-0035	Wall Box And Receiver Outlets (16781-0013)		
16781-0036	EA Wall Box With Lockable Cover, Excluding Outlet Plug	133.95	43.18
16781-0037	EA TV Receiver Outlet Plug	62.83	28.75
16781-0038	EA TV Camera Outlet Plug.....	62.83	28.75
16781-0039	EA Audio Outlet Plug.....	54.92	28.75
16781-0040	EA 12 Ft RG 6U Cable With G-59 And TV Set Fittings	113.82	57.55
16781-0041	EA Male Plug PL-259	62.83	28.75
16781-0042	EA Wall Box And Receiver Outlet Television Outlets	76.02	30.15
16781-0043	Metal And Electric Shop Antenna Systems (16781)		
16781-0044	Antenna (16781-0043)		
16781-0045	EA Amateur Radio Antenna	535.31	105.67
16781-0046	EA Multi-Band Radio Antenna.....	421.66	105.67
16781-0047	Receptacles (16781-0043)		
16781-0048	EA Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	126.02	43.18
16781-0049	EA Multi-Band Radio Antenna System Receptacle With Mating Plugs	126.02	43.18
16781-0050	Television Receptacle (16781)		
16781-0051	EA TV Receptacle With Cover (Type F) - Complete.....	40.31	16.34

16795 Fiber Optics Cable And Accessories For Data Transmission Systems (16700)

Note: Includes testing of new devices and certification

16795-0001	Fiber Optic Cable Equipment (16795)		
16795-0002	Fiber Optic Cable Connectors (16795-0001)		
16795-0003	EA ST Connector For Multimode Fiber Optic Cable.....	20.14	
16795-0004	EA ST Connector For Singlemode Fiber Optic Cable.....	23.14	
16795-0005	EA SC Connector For Multimode Fiber Optic Cable.....	22.36	
16795-0006	EA SC Connector For Singlemode Fiber Optic Cable.....	26.20	
16795-0007	EA LC Connector For Multimode Fiber Optic Cable.....	30.51	
16795-0008	EA LC Connector For Singlemode Fiber Optic Cable.....	31.40	
16795-0009	EA MT-RJ Connector For Multimode Fiber Optic Cable.....	45.25	
16795-0010	Fiber Optic Patch Cables (16795-0001)		
16795-0011	Simplex Fiber Optic Patch Cables (16795-0010)		
16795-0012	Singlemode, Simplex Fiber Optic Patch Cables (16795-0011)		
16795-0013	EA ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	27.13	
	16MOD-0255 For Each Additional Meter In Length, Add	0.26	
16795-0014	EA ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	22.28	
	16MOD-0255 For Each Additional Meter In Length, Add	0.26	
16795-0015	EA ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	28.58	
	16MOD-0255 For Each Additional Meter In Length, Add	0.26	
16795-0016	EA SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	23.39	
	16MOD-0255 For Each Additional Meter In Length, Add	0.26	

16000 Electrical**16700 Communications****16795 Fiber Optics Cable And Accessories For Data Transmission Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0017	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	26.93	
		16MOD-0255 For Each Additional Meter In Length, Add	0.26	
16795-0018	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	26.53	
		16MOD-0255 For Each Additional Meter In Length, Add	0.26	
16795-0019		Duplex Fiber Optic Patch Cables (16795-0010)		
16795-0020		Singlemode, Duplex Fiber Optic Patch Cables (16795-0019)		
16795-0021	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	46.62	
		16MOD-0256 For Each Additional Meter In Length, Add	0.51	
16795-0022	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	45.26	
		16MOD-0256 For Each Additional Meter In Length, Add	0.51	
16795-0023	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	50.12	
		16MOD-0256 For Each Additional Meter In Length, Add	0.51	
16795-0024	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	39.15	
		16MOD-0256 For Each Additional Meter In Length, Add	0.51	
16795-0025	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	46.22	
		16MOD-0256 For Each Additional Meter In Length, Add	0.51	
16795-0026	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	45.45	
		16MOD-0256 For Each Additional Meter In Length, Add	0.51	
16795-0027		Multimode, Duplex Fiber Optic Patch Cables (16795-0019)		
16795-0028	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	35.41	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0029	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	38.58	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0030	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	38.91	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0031	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	39.93	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0032	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	35.55	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0033	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	40.11	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0034	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	46.98	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0035	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	32.63	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0036	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	39.51	
		16MOD-0257 For Each Additional Meter In Length, Add	1.48	
16795-0037		Fiber Optic Cable Fan Out Kits (16795-0001)		
16795-0038	EA	6-Fiber, Indoor Fan Out Kit For Fiber Optic Cable	154.94	
16795-0039	EA	12-Fiber, Indoor Fan Out Kit For Fiber Optic Cable	157.61	
16795-0040	EA	6-Fiber, Outdoor Fan Out Kit For Fiber Optic Cable	178.39	
16795-0041	EA	12-Fiber, Outdoor Fan Out Kit For Fiber Optic Cable	191.46	
16795-0042		Fiber Optic Cable Splice Closures (16795-0001)		
		Note: Includes mounting hardware. Excludes splicing and splice trays.		
16795-0043	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	480.12	70.45
16795-0044	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	621.01	140.89
16795-0045	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	621.01	140.89
16795-0046	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	787.07	70.45
16795-0047	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	927.96	140.89
16795-0048	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	927.96	140.89
16795-0049	EA	Splice Tray For Fiber Optic Cable Splice Closure.....	34.72	8.80
		Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.		
16795-0050		Fiber Optic Cable Connector Housings And Panels (16795-0001)		
16795-0051		Fiber Optic Cable Connector Housings (16795-0050)		
16795-0052		Wall Mount, Fiber Optic Cable Connector Housings (16795-0051)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 16795-0077 for connector panels.		
16795-0053	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	67.79	15.85
16795-0054	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	94.41	15.85
16795-0055	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	149.28	15.85
16795-0056	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	243.21	26.42
16795-0057	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	332.79	26.42
16795-0058		Rack Mount, Fiber Optic Cable Connector Housings (16795-0051)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 16795-0077 for connector panels.		
16795-0059	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	272.96	26.42
16795-0060	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	309.45	26.42
16795-0061	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	341.63	26.42
16795-0062	EA	9-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	377.26	26.42
16795-0063	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	395.64	26.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0064 EA 15-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	420.66	26.42
16795-0065 Rack Mount, Fiber Optic Cable Pretium Connector Housings <small>(16795-0051)</small>		
<small>Note: Includes mounting hardware. Excludes connector panels. See CSI section 16795-0077 for connector panels.</small>		
16795-0066 EA 2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Connector Housing.....	328.78	26.42
<small>16MOD-0260 For Splice Tray Bracket, Add</small>	<small>36.89</small>	
16795-0067 EA 4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Connector Housing.....	449.47	26.42
<small>16MOD-0261 For Splice Tray Bracket, Add</small>	<small>40.34</small>	
16795-0068 EA 12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Connector Housing.....	480.29	26.42
<small>16MOD-0262 For Splice Tray Bracket, Add</small>	<small>146.98</small>	
16795-0069 Wall Mount, Fiber Optic Cable Industrial Connector Housings <small>(16795-0051)</small>		
<small>Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 16795-0077 for connector panels.</small>		
16795-0070 EA 2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	378.36	15.85
16795-0071 EA 6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	567.88	26.42
16795-0072 EA 12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	549.59	26.42
16795-0073 Wall Mount, Fiber Optic Cable Environmental Connector Housings <small>(16795-0051)</small>		
<small>Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 16795-0077 for connector panels.</small>		
16795-0074 EA 2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing.....	396.13	15.85
16795-0075 EA 6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing.....	444.77	26.42
16795-0076 EA 12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing.....	551.66	26.42
16795-0077 Fiber Optic Cable Connector Panels <small>(16795-0050)</small>		
16795-0078 SC Simplex, Fiber Optic Cable Connector Panels <small>(16795-0077)</small>		
16795-0079 EA 6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel.....	38.61	3.52
16795-0080 EA 6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel.....	50.99	3.52
16795-0081 EA 8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel.....	45.95	3.52
16795-0082 EA 8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel.....	62.48	3.52
16795-0083 EA 12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel.....	60.67	3.52
16795-0084 EA 12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel.....	85.46	3.52
16795-0085 SC Duplex, Fiber Optic Cable Connector Panels <small>(16795-0077)</small>		
16795-0086 EA 6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel.....	35.56	3.52
16795-0087 EA 6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel.....	46.21	3.52
16795-0088 EA 8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel.....	41.91	3.52
16795-0089 EA 8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel.....	56.09	3.52
16795-0090 EA 12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel.....	54.60	3.52
16795-0091 EA 12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel.....	75.87	3.52
16795-0092 LC Duplex, Fiber Optic Cable Connector Panels <small>(16795-0077)</small>		
16795-0093 EA 12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	71.90	3.52
16795-0094 EA 12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	89.97	3.52
16795-0095 EA 24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	183.64	3.52
16795-0096 ST Simplex, Fiber Optic Cable Connector Panels <small>(16795-0077)</small>		
16795-0097 EA 6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	30.34	3.52
16795-0098 EA 6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	35.48	3.52
16795-0099 EA 8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	34.85	3.52
16795-0100 EA 8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	41.73	3.52
16795-0101 EA 12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	43.89	3.52
16795-0102 EA 12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	54.19	3.52
16795-0103 MT-RJ, Fiber Optic Cable Connector Panels <small>(16795-0077)</small>		
16795-0104 EA 12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel.....	42.45	3.52
16795-0105 EA 12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel.....	69.56	3.52
16795-0106 Fiber Optic Cable Splice Housings <small>(16795-0050)</small>		
16795-0107 Wall Mount, Fiber Optic Cable Splice Housings <small>(16795-0106)</small>		
<small>Note: Includes mounting hardware. Excludes splice trays.</small>		
16795-0108 EA 12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door.....	193.63	35.22
16795-0109 Rack Mount, Fiber Optic Cable Splice Housings <small>(16795-0106)</small>		
<small>Note: Includes mounting hardware. Excludes splice trays.</small>		
16795-0110 EA 12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	281.33	26.42
16795-0111 EA 22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	293.13	26.42

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0112 Fiber Optic Cable Splice Trays <small>(16795-0106)</small>		
16795-0113 EA Fiber Optic Cable Splice Tray	55.31	8.80
16795-0114 Fiber Optic Cable Jumper Management Panels <small>(16795-0050)</small>		
Note: Includes mounting hardware.		
16795-0115 EA Rack Mount, Fiber Optic Cable Jumper Management Panel	107.91	26.42
16795-0116 Fiber Optic Receivers <small>(16795-0001)</small>		
16795-0117 EA Fiber Optic Receiver, Range 6.2 Miles	920.63	35.22
16795-0118 Fiber Optic Transmitters <small>(16795-0001)</small>		
16795-0119 EA Fiber Optic Transmitter, Range 6.2 Miles	920.62	35.22
16795-0120 Fiber Optic Modems <small>(16795-0001)</small>		
16795-0121 EA Fiber Optic Modems, Range 6.2 Miles	1,698.74	140.89
16795-0122 EA Fiber Optic Modem, Range 3.1 Miles, 12 Channel	3,469.93	140.89
16795-0123 Fiber Optic Repeaters <small>(16795-0001)</small>		
Note: Consist of transmitter and receiver, back-to-back. Excludes power source		
16795-0124 EA Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	991.06	70.45
16795-0125 EA Fiber Optic Digital Repeater, 2000 Miles Transmitter And Receiver Back-Back, No Power	1,507.92	140.89
16795-0126 Fiber Optic Transceivers <small>(16795-0001)</small>		
16795-0127 EA Fiber Optic Transceivers, 3000 Miles Range	931.22	140.89
16795-0128 EA Fiber Optic Transceivers, Digital 2000 Miles Range	931.22	140.89
16795-0129 EA Fiber Optic Ethernet Transceiver	1,242.73	211.34
16795-0130 EA Transceiver (Low Cost Bi- Directional).....	494.28	52.84
16795-0131 Fiber Optic Cable Testing <small>(16795-0001)</small>		
Note: Price based on testing one wavelength.		
16795-0132 Fiber Optic Cable Testing Using An OTDR <small>(16795-0131)</small>		
Note: Testing using an optical time domain reflectometer.		
16795-0133 EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	14.09	
16MOD-0258 For > 12 To 48 Strands, Deduct	-1.06	
16MOD-0259 For > 48 Strands, Deduct	-1.41	
16795-0134 EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	21.14	
16MOD-0258 For > 12 To 48 Strands, Deduct	-1.59	
16MOD-0259 For > 48 Strands, Deduct	-2.11	
16795-0135 EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	35.22	
16MOD-0258 For > 12 To 48 Strands, Deduct	-2.64	
16MOD-0259 For > 48 Strands, Deduct	-3.52	
16795-0136 EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	52.84	
16MOD-0258 For > 12 To 48 Strands, Deduct	-3.96	
16MOD-0259 For > 48 Strands, Deduct	-5.28	
16795-0137 Fiber Optic Cable Testing Using A Power Meter <small>(16795-0131)</small>		
16795-0138 EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	14.09	
16MOD-0258 For > 12 To 48 Strands, Deduct	-1.06	
16MOD-0259 For > 48 Strands, Deduct	-1.41	
16795-0139 EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	21.14	
16MOD-0258 For > 12 To 48 Strands, Deduct	-1.59	
16MOD-0259 For > 48 Strands, Deduct	-2.11	
16795-0140 Fiber Optic Cable Light Source/Continuity Testing <small>(16795-0131)</small>		
16795-0141 EA Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	14.09	
16MOD-0258 For > 12 To 48 Strands, Deduct	-1.06	
16MOD-0259 For > 48 Strands, Deduct	-1.41	
16795-0142 Fiber Optic Cable Splicing <small>(16795-0001)</small>		
16795-0143 EA Single Strand, Fusion Splice Of Fiber Optic Cable	21.14	
16795-0144 EA 12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable.....	70.45	
16795-0145 Other Fiber Optic Cable Equipment <small>(16795-0001)</small>		
16795-0146 EA Simplex Fiber Optic Cable Pig Tail	46.34	24.65
16795-0147 EA Duplex Fiber Optic Cable Pig Tail.....	57.84	24.65
16795-0148 EA Fiber Optic Finger Splice	29.93	13.24
16795-0149 EA Fiber Optic Splice Box - Manholes.....	6,737.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0150 Fiber Optic Cable <small>(16795)</small> Note: Excludes conduit or innerduct.		
16795-0151 Indoor Fiber Optic Cable <small>(16795-0150)</small> Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
16795-0152 Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0151)</small> Note: Excludes conduit or innerduct.		
16795-0153 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0152)</small>		
16795-0154 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0153)</small>		
16795-0155 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0154)</small>		
16795-0156 MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	672.72	253.61
16795-0157 MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	745.23	253.61
16795-0158 MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	870.26	253.61
16795-0159 MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,035.30	253.61
16795-0160 MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,160.31	253.61
16795-0161 MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,445.38	253.61
16795-0162 MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,306.22	295.87
16795-0163 MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,815.71	295.87
16795-0164 MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,531.47	295.87
16795-0165 MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,344.16	295.87
16795-0166 MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,029.31	295.87
16795-0167 MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,742.18	295.87
16795-0168 MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,692.60	295.87
16795-0169 MLF 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,465.91	338.14
16795-0170 MLF 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,166.27	338.14
16795-0171 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0154)</small>		
16795-0172 MLF 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	698.47	253.61
16795-0173 MLF 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	885.26	253.61
16795-0174 MLF 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,185.33	253.61
16795-0175 MLF 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,472.90	253.61
16795-0176 MLF 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,727.96	253.61
16795-0177 MLF 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,305.55	253.61
16795-0178 MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,714.03	295.87
16795-0179 MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,219.15	295.87
16795-0180 MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,962.21	295.87
16795-0181 MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,119.99	295.87
16795-0182 MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,565.51	295.87
16795-0183 MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,125.83	295.87
16795-0184 MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,284.22	295.87
16795-0185 MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	20,512.85	338.14
16795-0186 MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	23,661.12	338.14
16795-0187 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0154)</small>		
16795-0188 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	712.26	253.61
16795-0189 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	908.39	253.61
16795-0190 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,223.46	253.61
16795-0191 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,525.41	253.61
16795-0192 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,793.22	253.61
16795-0193 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,399.70	253.61



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0194 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,925.08	295.87
16795-0195 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,455.45	295.87
16795-0196 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,335.66	295.87
16795-0197 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,551.33	295.87
16795-0198 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,119.13	295.87
16795-0199 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,757.47	295.87
16795-0200 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,123.77	295.87
16795-0201 MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,510.31	338.14
16795-0202 MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,776.61	338.14
16795-0203 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0153)</small>		
16795-0204 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0203)</small>		
16795-0205 MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,379.12	253.61
16795-0206 MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,662.52	253.61
16795-0207 MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,285.97	253.61
16795-0208 MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,583.53	253.61
16795-0209 MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,464.43	253.61
16795-0210 MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,850.30	295.87
16795-0211 MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,156.26	295.87
16795-0212 MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,746.95	295.87
16795-0213 MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,766.15	295.87
16795-0214 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0203)</small>		
16795-0215 MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,638.89	253.61
16795-0216 MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,028.57	253.61
16795-0217 MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,737.07	253.61
16795-0218 MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,138.52	253.61
16795-0219 MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,685.39	253.61
16795-0220 MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,137.37	295.87
16795-0221 MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,814.15	295.87
16795-0222 MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,115.67	295.87
16795-0223 MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,942.51	295.87
16795-0224 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0203)</small>		
16795-0225 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,699.70	253.61
16795-0226 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,108.87	253.61
16795-0227 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,852.79	253.61
16795-0228 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,274.31	253.61
16795-0229 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,898.53	253.61
16795-0230 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,419.59	295.87
16795-0231 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,180.20	295.87
16795-0232 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,646.80	295.87
16795-0233 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,614.98	295.87
16795-0234 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0152)</small>		
16795-0235 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0234)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0236	Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0235)</small>	
16795-0237 MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	672.72	253.61
16795-0238 MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	795.24	253.61
16795-0239 MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	935.28	253.61
16795-0240 MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,070.31	253.61
16795-0241 MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,320.36	253.61
16795-0242 MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,495.39	253.61
16795-0243 MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,781.31	295.87
16795-0244 MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,488.97	295.87
16795-0245 MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,852.19	295.87
16795-0246 MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,482.11	295.87
16795-0247 MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,335.25	295.87
16795-0248 MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,413.17	295.87
16795-0249 MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,708.89	295.87
16795-0250	50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0235)</small>	
16795-0251 MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	728.29	253.61
16795-0252 MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	927.78	253.61
16795-0253 MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,212.85	253.61
16795-0254 MLF 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,495.39	253.61
16795-0255 MLF 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,860.46	253.61
16795-0256 MLF 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,320.58	253.61
16795-0257 MLF 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,869.29	295.87
16795-0258 MLF 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,306.87	295.87
16795-0259 MLF 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,962.21	295.87
16795-0260 MLF 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,417.96	295.87
16795-0261 MLF 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,826.20	295.87
16795-0262 MLF 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,776.83	295.87
16795-0263 MLF 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,935.47	295.87
16795-0264	62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0235)</small>	
16795-0265 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	743.57	253.61
16795-0266 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	953.04	253.61
16795-0267 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,252.36	253.61
16795-0268 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,549.02	253.61
16795-0269 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,932.35	253.61
16795-0270 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,415.47	253.61
16795-0271 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,138.10	295.87
16795-0272 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,597.55	295.87
16795-0273 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,335.66	295.87
16795-0274 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,964.20	295.87
16795-0275 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,542.85	295.87
16795-0276 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,641.02	295.87
16795-0277 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,047.69	295.87
16795-0278	Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0234)</small>	

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0279 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0278)</small>		
16795-0280 MLF 2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,245.83	253.61
16795-0281 MLF 4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,590.62	253.61
16795-0282 MLF 6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,419.55	253.61
16795-0283 MLF 8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,231.96	253.61
16795-0284 MLF 12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,528.47	253.61
16795-0285 MLF 18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,918.06	295.87
16795-0286 MLF 24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,222.99	295.87
16795-0287 MLF 36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,930.73	295.87
16795-0288 MLF 48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,421.20	295.87
16795-0289 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0278)</small>		
16795-0290 MLF 2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,385.16	253.61
16795-0291 MLF 4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,866.93	253.61
16795-0292 MLF 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,832.85	253.61
16795-0293 MLF 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,784.56	253.61
16795-0294 MLF 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,357.42	253.61
16795-0295 MLF 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,408.20	295.87
16795-0296 MLF 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,883.20	295.87
16795-0297 MLF 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,419.89	295.87
16795-0298 MLF 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	20,739.28	295.87
16795-0299 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0278)</small>		
16795-0300 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,483.28	253.61
16795-0301 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,989.14	253.61
16795-0302 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,003.35	253.61
16795-0303 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,002.65	253.61
16795-0304 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,654.16	253.61
16795-0305 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,853.96	295.87
16795-0306 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,452.70	295.87
16795-0307 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,216.23	295.87
16795-0308 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	21,751.58	295.87
16795-0309 Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0151)</small>		
Note: For non-conduit installations such as cable trays, surface runways, etc.		
16795-0310 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0309)</small>		
16795-0311 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0310)</small>		
16795-0312 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0311)</small>		
16795-0313 MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	813.61	338.14
16795-0314 MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	886.12	338.14
16795-0315 MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,011.15	338.14
16795-0316 MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,176.19	338.14
16795-0317 MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,301.20	338.14
16795-0318 MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,586.27	338.14
16795-0319 MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,447.11	380.41
16795-0320 MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,956.60	380.41
16795-0321 MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,672.36	380.41
16795-0322 MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,485.05	380.41
16795-0323 MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,170.20	380.41
16795-0324 MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,883.07	380.41
16795-0325 MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,833.49	380.41
16795-0326 MLF 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,606.80	422.67



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0327	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,307.16	422.67
16795-0328		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0311)</small>		
16795-0329	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	839.36	338.14
16795-0330	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,026.15	338.14
16795-0331	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,326.22	338.14
16795-0332	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,613.79	338.14
16795-0333	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,868.85	338.14
16795-0334	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,446.44	338.14
16795-0335	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,854.92	380.41
16795-0336	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,360.04	380.41
16795-0337	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,103.10	380.41
16795-0338	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,260.88	380.41
16795-0339	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,706.40	380.41
16795-0340	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,266.72	380.41
16795-0341	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,425.11	380.41
16795-0342	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,653.74	422.67
16795-0343	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,802.01	422.67
16795-0344		62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0311)</small>		
16795-0345	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	853.15	338.14
16795-0346	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,049.28	338.14
16795-0347	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,364.35	338.14
16795-0348	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,666.30	338.14
16795-0349	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,934.11	338.14
16795-0350	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,540.59	338.14
16795-0351	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,065.97	380.41
16795-0352	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,596.34	380.41
16795-0353	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,476.55	380.41
16795-0354	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,692.22	380.41
16795-0355	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,260.02	380.41
16795-0356	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,898.36	380.41
16795-0357	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,264.66	380.41
16795-0358	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,651.20	422.67
16795-0359	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,917.50	422.67
16795-0360		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0310)</small>		
16795-0361		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0360)</small>		
16795-0362	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,520.01	338.14
16795-0363	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,803.41	338.14
16795-0364	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,426.86	338.14
16795-0365	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,724.42	338.14
16795-0366	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,605.32	338.14
16795-0367	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,991.19	380.41
16795-0368	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,297.15	380.41
16795-0369	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,887.84	380.41
16795-0370	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,907.04	380.41
16795-0371		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0360)</small>		
16795-0372	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,779.78	338.14
16795-0373	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,169.46	338.14
16795-0374	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,877.96	338.14
16795-0375	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,279.41	338.14
16795-0376	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,826.28	338.14

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0377 MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,278.26	380.41
16795-0378 MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,955.04	380.41
16795-0379 MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,256.56	380.41
16795-0380 MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	14,083.40	380.41
16795-0381 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0380)</small>		
16795-0382 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,840.59	338.14
16795-0383 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,249.76	338.14
16795-0384 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,993.68	338.14
16795-0385 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,415.20	338.14
16795-0386 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,039.42	338.14
16795-0387 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,560.48	380.41
16795-0388 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,321.09	380.41
16795-0389 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,787.69	380.41
16795-0390 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	14,755.87	380.41
16795-0391 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0390)</small>		
16795-0392 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0391)</small>		
16795-0393 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0392)</small>		
16795-0394 MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	813.61	338.14
16795-0395 MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	936.13	338.14
16795-0396 MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,076.17	338.14
16795-0397 MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,211.20	338.14
16795-0398 MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,461.25	338.14
16795-0399 MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,636.28	338.14
16795-0400 MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,922.20	380.41
16795-0401 MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,629.86	380.41
16795-0402 MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,993.08	380.41
16795-0403 MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,623.00	380.41
16795-0404 MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,476.14	380.41
16795-0405 MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,554.06	380.41
16795-0406 MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	15,849.78	380.41
16795-0407 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0392)</small>		
16795-0408 MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	869.18	338.14
16795-0409 MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,068.67	338.14
16795-0410 MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,353.74	338.14
16795-0411 MLF 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,636.28	338.14
16795-0412 MLF 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,001.35	338.14
16795-0413 MLF 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,461.47	338.14
16795-0414 MLF 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,010.18	380.41
16795-0415 MLF 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,447.76	380.41
16795-0416 MLF 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,103.10	380.41
16795-0417 MLF 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,558.85	380.41
16795-0418 MLF 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	14,967.09	380.41
16795-0419 MLF 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	17,917.72	380.41
16795-0420 MLF 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	23,076.36	380.41
16795-0421 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0392)</small>		
16795-0422 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	884.46	338.14



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0423 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,093.93	338.14
16795-0424 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,393.25	338.14
16795-0425 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,689.91	338.14
16795-0426 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,073.24	338.14
16795-0427 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,556.36	338.14
16795-0428 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,278.99	380.41
16795-0429 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,738.44	380.41
16795-0430 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,476.55	380.41
16795-0431 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,105.09	380.41
16795-0432 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,683.74	380.41
16795-0433 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,781.91	380.41
16795-0434 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,188.58	380.41
 16795-0435 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0391)</small>		
 16795-0436 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0435)</small>		
16795-0437 MLF 2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,386.72	338.14
16795-0438 MLF 4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,731.51	338.14
16795-0439 MLF 6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,560.44	338.14
16795-0440 MLF 8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,372.85	338.14
16795-0441 MLF 12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,669.36	338.14
16795-0442 MLF 18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,058.95	380.41
16795-0443 MLF 24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,363.88	380.41
16795-0444 MLF 36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,071.62	380.41
16795-0445 MLF 48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,562.09	380.41
 16795-0446 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0435)</small>		
16795-0447 MLF 2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,526.05	338.14
16795-0448 MLF 4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,007.82	338.14
16795-0449 MLF 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,973.74	338.14
16795-0450 MLF 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,925.45	338.14
16795-0451 MLF 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,498.31	338.14
16795-0452 MLF 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,549.09	380.41
16795-0453 MLF 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,024.09	380.41
16795-0454 MLF 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,560.78	380.41
16795-0455 MLF 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,880.17	380.41
 16795-0456 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0435)</small>		
16795-0457 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,624.17	338.14
16795-0458 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,130.03	338.14
16795-0459 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,144.24	338.14
16795-0460 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,143.54	338.14
16795-0461 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,795.05	338.14
16795-0462 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,994.85	380.41
16795-0463 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,593.59	380.41
16795-0464 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,357.12	380.41
16795-0465 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,892.47	380.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0466		Outdoor Fiber Optic Cable <small>(16795-0150)</small>		
16795-0467		Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0466)</small>		
		Note: Excludes conduit or innerduct.		
16795-0468		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0467)</small>		
16795-0469		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0468)</small>		
16795-0470		MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,380.85		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0471		MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,409.49		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0472		MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,458.18		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0473		MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,529.77		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0474		MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,577.01		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0475		MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,708.58		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0476		MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,836.67		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0477		MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,087.23		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0478		MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,337.55		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0479		MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,594.28		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0480		MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,915.17		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0481		MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,560.20		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0482		MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,211.60		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0483		MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,882.30		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0484		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0468)</small>		
16795-0485		MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,595.51		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0486		MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,734.43		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0487		MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,894.17		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0488		MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,085.20		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0489		MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,408.18		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0490		MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,922.17		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0491		MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 3,432.70		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0492		MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 4,512.81		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0493		MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 5,426.17		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0494		MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 6,416.00		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0495		MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 7,506.49		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0496		MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 9,802.12		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0497		MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 13,026.01		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0498		MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 18,171.99		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0499		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0468)</small>		
16795-0500		MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,633.02		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0501		MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,778.88		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0502		MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 1,946.61		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0503		MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,147.19		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		
16795-0504		MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit 2,486.32		507.21
		<i>16MOD-0254 For Armored Cable, Add</i> 90.00		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0505	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	3,026.01 90.00	507.21
16795-0506	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	3,562.07 90.00	507.21
16795-0507	MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	4,696.18 90.00	507.21
16795-0508	MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	5,655.21 90.00	507.21
16795-0509	MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	6,694.54 90.00	507.21
16795-0510	MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	7,839.55 90.00	507.21
16795-0511	MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	10,249.96 90.00	507.21
16795-0512	MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	13,635.05 90.00	507.21
16795-0513	MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0254 For Armored Cable, Add</i>	19,038.32 90.00	507.21
16795-0514	Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0467)</small>		
16795-0515	Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0514)</small>		
16795-0516	MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,558.41 70.00	507.21
16795-0517	MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,607.07 70.00	507.21
16795-0518	MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,652.91 70.00	507.21
16795-0519	MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,701.60 70.00	507.21
16795-0520	MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,804.71 70.00	507.21
16795-0521	MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,923.56 70.00	507.21
16795-0522	MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,042.33 70.00	507.21
16795-0523	MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,292.63 70.00	507.21
16795-0524	MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,542.95 70.00	507.21
16795-0525	MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,796.44 70.00	507.21
16795-0526	MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	3,133.39 70.00	507.21
16795-0527	MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	3,781.61 70.00	507.21
16795-0528	MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	4,506.86 70.00	507.21
16795-0529	MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	5,116.56 70.00	507.21
16795-0530	50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0514)</small>		
16795-0531	MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	1,810.82 70.00	507.21
16795-0532	MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	1,953.20 70.00	507.21
16795-0533	MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	2,112.98 70.00	507.21
16795-0534	MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	2,297.05 70.00	507.21
16795-0535	MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	2,623.51 70.00	507.21
16795-0536	MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	3,154.86 70.00	507.21
16795-0537	MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	3,675.79 70.00	507.21
16795-0538	MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	4,766.32 70.00	507.21
16795-0539	MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	5,931.16 70.00	507.21
16795-0540	MLF 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	6,959.99 70.00	507.21
16795-0541	MLF 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	7,988.83 70.00	507.21
16795-0542	MLF 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	10,281.83 70.00	507.21
16795-0543	MLF 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <i>16MOD-0253 For Armored Cable, Add</i>	12,675.94 70.00	507.21

16000 Electrical**16700 Communications****16795 Fiber Optics Cable And Accessories For Data Transmission Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0544		MLF 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	19,129.28 70.00	507.21
16795-0545		62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0514)</small>		
16795-0546		MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	1,859.09 70.00	507.21
16795-0547		MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,008.59 70.00	507.21
16795-0548		MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,176.36 70.00	507.21
16795-0549		MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,369.63 70.00	507.21
16795-0550		MLF 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	2,712.42 70.00	507.21
16795-0551		MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	3,270.34 70.00	507.21
16795-0552		MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	3,817.31 70.00	507.21
16795-0553		MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	4,962.37 70.00	507.21
16795-0554		MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	6,185.45 70.00	507.21
16795-0555		MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	7,265.73 70.00	507.21
16795-0556		MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	8,346.00 70.00	507.21
16795-0557		MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	10,753.66 70.00	507.21
16795-0558		MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	13,267.47 70.00	507.21
16795-0559		MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>16MOD-0253 For Armored Cable, Add</i>	20,043.48 70.00	507.21
16795-0560		Outdoor Fiber Optic Cable, Buried In Trench <small>(16795-0466)</small> Note: Excludes trenching.		
16795-0561		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(16795-0560)</small>		
16795-0562		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(16795-0561)</small>		
16795-0563		MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,310.40 90.00	
16795-0564		MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,339.04 90.00	
16795-0565		MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,387.73 90.00	
16795-0566		MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,459.32 90.00	
16795-0567		MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,506.56 90.00	
16795-0568		MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,638.13 90.00	
16795-0569		MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,766.22 90.00	
16795-0570		MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	2,016.78 90.00	
16795-0571		MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	2,267.10 90.00	
16795-0572		MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	2,523.83 90.00	
16795-0573		MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	2,844.72 90.00	
16795-0574		MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	3,489.75 90.00	
16795-0575		MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	4,141.15 90.00	
16795-0576		MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	4,811.85 90.00	
16795-0577		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(16795-0561)</small>		
16795-0578		MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,525.06 90.00	
16795-0579		MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,663.98 90.00	
16795-0580		MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	1,823.72 90.00	
16795-0581		MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>16MOD-0254 For Armored Cable, Add</i>	2,014.75 90.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0582	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	2,337.73 90.00	
16795-0583	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	2,851.72 90.00	
16795-0584	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	3,362.25 90.00	
16795-0585	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	4,442.36 90.00	
16795-0586	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	5,355.72 90.00	
16795-0587	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	6,345.55 90.00	
16795-0588	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	7,436.04 90.00	
16795-0589	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	9,731.67 90.00	
16795-0590	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	12,955.56 90.00	
16795-0591	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	18,101.54 90.00	
16795-0592	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>(16795-0591)</i>		
16795-0593	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	1,562.57 90.00	
16795-0594	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	1,708.43 90.00	
16795-0595	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	1,876.16 90.00	
16795-0596	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	2,076.74 90.00	
16795-0597	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	2,415.87 90.00	
16795-0598	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	2,955.56 90.00	
16795-0599	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	3,491.62 90.00	
16795-0600	MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	4,625.73 90.00	
16795-0601	MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	5,584.76 90.00	
16795-0602	MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	6,624.09 90.00	
16795-0603	MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	7,769.10 90.00	
16795-0604	MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	10,179.51 90.00	
16795-0605	MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	13,564.60 90.00	
16795-0606	MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0254 For Armored Cable, Add</i>	18,967.87 90.00	
16795-0607	Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>(16795-0600)</i>		
16795-0608	Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>(16795-0607)</i>		
16795-0609	MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,487.96 70.00	
16795-0610	MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,536.62 70.00	
16795-0611	MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,582.46 70.00	
16795-0612	MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,631.15 70.00	
16795-0613	MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,734.26 70.00	
16795-0614	MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,853.11 70.00	
16795-0615	MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	1,971.88 70.00	
16795-0616	MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	2,222.18 70.00	
16795-0617	MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	2,472.50 70.00	
16795-0618	MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	2,725.99 70.00	
16795-0619	MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	3,062.94 70.00	
16795-0620	MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>16MOD-0253 For Armored Cable, Add</i>	3,711.16 70.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0621		MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,436.41	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0622		MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,046.11	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0623		50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (16795-0607)		
16795-0624		MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,740.37	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0625		MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,882.75	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0626		MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,042.53	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0627		MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,226.60	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0628		MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,553.06	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0629		MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,084.41	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0630		MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,605.34	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0631		MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,695.87	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0632		MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,860.71	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0633		MLF 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	6,889.54	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0634		MLF 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	7,918.38	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0635		MLF 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	10,211.38	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0636		MLF 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	12,605.49	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0637		MLF 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	19,058.83	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0638		62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (16795-0607)		
16795-0639		MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,788.64	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0640		MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,938.14	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0641		MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,105.91	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0642		MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,299.18	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0643		MLF 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,641.97	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0644		MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,199.89	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0645		MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,746.86	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0646		MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,891.92	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0647		MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	6,115.00	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0648		MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	7,195.28	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0649		MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	8,275.55	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0650		MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	10,683.21	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0651		MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	13,197.02	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0652		MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	19,973.03	
		16MOD-0253 For Armored Cable, Add	70.00	
16795-0653		(Aerial) Outdoor Fiber Optic Cable, Installed On Poles (16795-0466)		
16795-0654		Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (16795-0653)		
16795-0655		Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles (16795-0654)		
16795-0656		MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	5,312.67	1,762.44
		16MOD-0254 For Armored Cable, Add	90.00	
16795-0657		MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	5,290.98	1,762.44
		16MOD-0254 For Armored Cable, Add	90.00	
16795-0658		MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	5,339.66	1,762.44
		16MOD-0254 For Armored Cable, Add	90.00	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0659	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	5,455.46 90.00	1,762.44
16795-0660	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	5,514.37 90.00	1,762.44
16795-0661	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	5,701.57 90.00	1,762.44
16795-0662	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	5,852.29 90.00	1,762.44
16795-0663	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	6,184.45 90.00	1,762.44
16795-0664	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	6,496.65 90.00	1,762.44
16795-0665	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	7,277.71 90.00	1,762.44
16795-0666	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	7,793.88 90.00	1,762.44
16795-0667	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	8,861.69 90.00	1,762.44
16795-0668	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	9,871.27 90.00	1,762.44
16795-0669	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>16MOD-0254 For Armored Cable, Add</i>	10,915.45 90.00	1,762.44
16795-0670	Hybrid, Fiber Optic Cable <small>(16795-0150)</small> Note: Singlemode and multimode combination cable.		
16795-0671	Hybrid, Indoor Fiber Optic Cable <small>(16795-0670)</small>		
16795-0672	Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0671)</small> Note: Excludes conduit or innerduct.		
16795-0673	Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0672)</small>		
16795-0674	MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,114.56	253.61
16795-0675	MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,876.32	253.61
16795-0676	MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	4,520.01	295.87
16795-0677	MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	7,235.92	295.87
16795-0678	Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(16795-0672)</small>		
16795-0679	MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,373.40	253.61
16795-0680	MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,908.85	253.61
16795-0681	MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,400.71	295.87
16795-0682	MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	9,455.16	295.87
16795-0683	Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0671)</small> Note: For non-conduit installations such as cable trays, surface runways, etc.		
16795-0684	Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0683)</small>		
16795-0685	MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,255.45	338.14
16795-0686	MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,017.21	338.14
16795-0687	MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	4,660.90	380.41
16795-0688	MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	7,376.81	380.41
16795-0689	Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(16795-0683)</small>		
16795-0690	MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,514.29	338.14
16795-0691	MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,049.74	338.14
16795-0692	MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	5,541.60	380.41
16795-0693	MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,596.05	380.41
16795-0694	Hybrid, Indoor/Outdoor Fiber Optic Cable <small>(16795-0670)</small>		
16795-0695	Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(16795-0694)</small> Note: Excludes conduit or innerduct.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0696		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit ⁽¹⁶⁷⁹⁵⁻⁰⁶⁹⁶⁾		
16795-0697	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	2,756.55	422.67
16795-0698	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,557.55	422.67
16795-0699	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,341.92	422.67
16795-0700		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit ⁽¹⁶⁷⁹⁵⁻⁰⁶⁹⁵⁾		
16795-0701	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,778.20	422.67
16795-0702	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,233.40	422.67
16795-0703	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,224.57	422.67
16795-0704		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench ⁽¹⁶⁷⁹⁵⁻⁰⁶⁹⁴⁾		
		Note: Excludes trenching.		
16795-0705		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench ⁽¹⁶⁷⁹⁵⁻⁰⁷⁰⁴⁾		
16795-0706	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	2,686.10	387.45
16795-0707	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,487.10	387.45
16795-0708	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	5,271.47	387.45
16795-0709		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench ⁽¹⁶⁷⁹⁵⁻⁰⁷⁰⁴⁾		
16795-0710	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,707.75	387.45
16795-0711	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,162.95	387.45
16795-0712	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,154.12	387.45
16795-0713		Innerduct ⁽¹⁶⁷⁹⁵⁾		
		Note: Includes pull rope. Excludes conduit.		
16795-0714		Indoor Innerduct ⁽¹⁶⁷⁹⁵⁻⁰⁷¹³⁾		
16795-0715		Indoor Innerduct, Installed In Conduit ⁽¹⁶⁷⁹⁵⁻⁰⁷¹⁴⁾		
16795-0716		Riser Rated, Indoor Innerduct, Installed In Conduit ⁽¹⁶⁷⁹⁵⁻⁰⁷¹⁵⁾		
16795-0717	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	2,663.60	1,056.68
16795-0718	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit.....	3,461.71	1,408.92
16795-0719	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	4,564.21	1,761.15
16795-0720	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	5,350.62	2,113.37
16795-0721		Plenum Rated, Indoor Innerduct, Installed In Conduit ⁽¹⁶⁷⁹⁵⁻⁰⁷¹⁵⁾		
16795-0722	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	3,834.30	1,056.68
16795-0723	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	4,831.43	1,408.92
16795-0724	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	6,378.80	1,761.15
16795-0725	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,692.02	2,113.37
16795-0726		Indoor Innerduct, Installed Exposed ⁽¹⁶⁷⁹⁵⁻⁰⁷¹⁴⁾		
16795-0727		Riser Rated, Indoor Innerduct, Installed Exposed ⁽¹⁶⁷⁹⁵⁻⁰⁷²⁶⁾		
16795-0728	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	3,368.06	1,408.92
16795-0729	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	4,166.17	1,761.15
16795-0730	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	5,268.67	2,113.37
16795-0731	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	6,055.07	2,465.60
16795-0732		Plenum Rated, Indoor Innerduct, Installed Exposed ⁽¹⁶⁷⁹⁵⁻⁰⁷²⁶⁾		
16795-0733	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed.....	4,538.76	1,408.92
16795-0734	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed.....	5,535.89	1,761.15
16795-0735	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed.....	7,083.26	2,113.37
16795-0736	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed.....	8,396.47	2,465.60
16795-0737		Outdoor Innerduct ⁽¹⁶⁷⁹⁵⁻⁰⁷¹³⁾		
16795-0738		Outdoor Innerduct, Installed In Conduit ⁽¹⁶⁷⁹⁵⁻⁰⁷³⁷⁾		
16795-0739	MLF	1" Outdoor Innerduct, Installed In Conduit	2,523.11	1,056.68
16795-0740	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit.....	3,254.55	1,408.92
16795-0741	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit.....	4,145.34	1,761.15
16795-0742	MLF	2" Outdoor Innerduct, Installed In Conduit	4,954.22	2,113.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16795-0743 Outdoor Innerduct, Buried In Trench <small>(16795-0737)</small>		
16795-0744 MLF 1" Outdoor Innerduct, Buried In Trench.....	1,818.66	
16795-0745 MLF 1-1/4" Outdoor Innerduct, Buried In Trench.....	2,550.09	
16795-0746 MLF 1-1/2" Outdoor Innerduct, Buried In Trench.....	3,440.88	
16795-0747 MLF 2" Outdoor Innerduct, Buried In Trench.....	4,249.76	
16800 Sound And Video <small>(16800)</small>		
16820 Sound Reinforcement <small>(16800)</small>		
Note: Includes testing of new devices and certification		
16820-0001 Amplifiers <small>(16820)</small>		
16820-0002 EA 10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	289.61	70.58
16820-0003 EA 35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	400.91	70.58
16820-0004 EA 60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	478.78	70.58
16820-0005 EA 100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100).....	530.72	70.58
16820-0006 EA 150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150).....	656.62	70.58
16820-0007 EA 250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250).....	844.88	70.58
16820-0008 Speakers <small>(16820)</small>		
16820-0009 EA Atlas/Soundlier Speaker Model FD72W Recessed Mounted.....	252.28	18.88
16820-0010 EA Atlas/Soundlier Speaker Model FD72W	172.87	16.06
16820-0011 EA Atlas/Soundlier Baffle Model 51-8.....	26.52	3.52
16820-0012 EA Atlas/Soundlier T-Bar Support	25.16	3.52
16820-0013 EA Atlas/Soundlier Black Box Model Q408	82.95	3.52
16820-0014 EA Atlas/Soundlier And Relay Assembly, At -10-PA With Box.....	80.83	6.34
16820-0015 EA Atlas-Soundlier Speaker Model: EZSV1-2K.....	114.21	17.47
16820-0016 EA Exposed Bucket Speakers, Supported From Structure	378.93	40.30
16820-0017 Accessories <small>(16820)</small>		
16820-0018 EA Microphone And Stand For PA System (Bogen MBS-1000A)	150.16	8.82
16820-0019 EA Tape Deck For PA System	109.12	8.82
16820-0020 EA 5 Disk CD Player For PA System (Bogen DCM290-P)	332.83	8.82
16820-0021 EA Weather Proof Horn For PA System (Bogen SPT5A).....	90.73	17.65
16820-0022 EA Trumpet Driver And Line Matching Transformer For PA System.....	161.79	17.65
16820-0023 EA Headset Microphone For PA System.....	120.22	17.62
16820-0024 EA Microphone Jack For PA System.....	59.59	17.65
16820-0025 EA Terminal Cabinet For PA System	471.17	70.58
16820-0026 EA Volume Control For PA System (Bogen AT10A)	57.29	17.65
16820-0027 Athletic Field Sound System <small>(16820)</small>		
See CSI section 16120-0000 for additional wiring.		
16820-0028 Surface Sound Cabinet <small>(16820-0027)</small>		
16820-0029 EA Surface Sound Cabinet.....	586.10	205.35
16820-0030 Mixer Amplifier <small>(16820-0027)</small>		
16820-0031 EA Mixer Amplifier.....	1,561.37	227.61
16820-0032 EA Remote Control.....	757.72	172.52
16820-0033 Crossover Network <small>(16820-0027)</small>		
16820-0034 EA Crossover Network	553.36	86.23
16820-0035 Power Amplifier <small>(16820-0027)</small>		
16820-0036 EA Power Amplifier.....	779.76	200.63
16820-0037 Matching Transformer <small>(16820-0027)</small>		
16820-0038 EA Matching Transformer, 70V/25V 8 ohm, Multi Taps.....	31.58	11.34
16820-0039 Horns <small>(16820-0027)</small>		
16820-0040 EA Multicell Horn, Weatherproof	1,335.66	67.91
16820-0041 EA Loudspeaker Drivers.....	1,168.97	113.49
16820-0042 EA Loudspeaker Throats.....	173.89	28.75
16820-0043 High Frequency Driver <small>(16820-0027)</small>		
16820-0044 EA 40 Watt High Frequency Driver.....	1,002.13	11.34

16000 Electrical
16800 Sound And Video
16820 Sound Reinforcement



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16820-0045 Monitor Speaker Panel <small>(16820-0027)</small>		
16820-0046 EA Panel With Type 'A' Loudspeaker And Grille Key Switch, Light Socket And Bulb.....	3,802.23	870.99
16820-0047 Input Panel <small>(16820-0027)</small>		
16820-0048 EA Input Panel With Receptacle For Microphone And CD	3,802.23	870.99
16820-0049 Control Cabinet <small>(16820-0027)</small>		
16820-0050 EA Weatherproof Cabinet With Hinged, Key Lock Door And Remote Control Plate	1,021.73	431.27
16820-0051 EA Duplex GFI Receptacle.....	100.32	34.52
16820-0052 EA Microphone Outlet.....	86.33	43.18
16820-0053 EA Zero Level.....	229.12	43.18
16820-0054 EA Sound Powered Telephone Outlet.....	67.83	26.98
16820-0055 EA Combination Switch And Microphone Volume Control.....	133.94	43.18
16820-0056 Microphones <small>(16820-0027)</small>		
16820-0057 EA Microphones With Wind Screens And 50' Cable And Connections	269.58	67.91
16820-0058 EA Desk Stand	133.94	43.18

16900 Controls And Instrumentation (16000)

16920 Motor Control Centers (16900)

16920-0001 Combination Starters With Molded Case Circuit Breakers (16920)

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

16920-0002 230V Combination With Molded Case Circuit, Full Volt (16920-0001)

Note: 1-Speed non-reversing

16920-0003 EA 230V Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit.....	2,144.39	64.40
16920-0004 EA 230V Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,549.30	67.62
16920-0005 EA 230V Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	3,827.07	70.84
16920-0006 EA 230V Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit.....	6,987.94	83.72
16920-0007 EA 230V Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit.....	14,154.66	96.60
16920-0008 EA 230V Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	23,852.09	128.81

16920-0009 480V Combination With Molded Case Circuit, Full Volt (16920-0001)

Note: 1-Speed non-reversing

16920-0010 EA 480V Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,144.39	64.40
16920-0011 EA 480V Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,549.30	67.62
16920-0012 EA 480V Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	3,827.07	70.84
16920-0013 EA 480V Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	6,987.94	83.72
16920-0014 EA 480V Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	14,154.66	96.60
16920-0015 EA 480V Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	23,852.09	128.81

16920-0016 230V Combination With Molded Case Circuit, Full Volt (16920-0001)

Note: 1-Speed reversing

16920-0017 EA 230V Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit.....	3,139.52	64.40
16920-0018 EA 230V Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit.....	4,204.35	67.62
16920-0019 EA 230V Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit.....	6,055.59	70.84
16920-0020 EA 230V Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit.....	10,639.59	83.72
16920-0021 EA 230V Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit.....	21,017.31	96.60
16920-0022 EA 230V Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit.....	36,261.79	128.81

16920-0023 480V Combination With Molded Case Circuit, Full Volt (16920-0001)

Note: 1-Speed reversing

16920-0024 EA 480V Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit.....	3,139.52	64.40
16920-0025 EA 480V Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit.....	4,204.35	67.62
16920-0026 EA 480V Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit.....	6,055.59	70.84
16920-0027 EA 480V Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit.....	10,639.59	83.72
16920-0028 EA 480V Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit.....	21,017.31	96.60
16920-0029 EA 480V Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit.....	36,261.79	128.81

16920-0030 230V Combination With Molded Case Circuit, Full Volt (16920-0001)

Note: 2-Speed non-reversing, 2 wind

16920-0031 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit.....	3,792.37	103.04
16920-0032 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,251.58	109.48
16920-0033 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	7,781.82	115.93
16920-0034 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	13,989.36	132.03
16920-0035 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	23,245.80	154.57



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0036	480V Combination With Molded Case Circuit, Full Volt <small>(16920-0001)</small>		
	Note: 2-Speed non-reversing, 2 wind		
16920-0037	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit.....	3,792.37	103.04
16920-0038	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit.....	5,251.58	109.48
16920-0039	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	7,781.82	115.93
16920-0040	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	13,989.36	132.03
16920-0041	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit.....	23,245.80	154.57
16920-0042	230V Combination With Molded Case Circuit, Full Volt <small>(16920-0001)</small>		
	Note: 2-Speed non-reversing, 2 wind		
16920-0043	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit.....	4,440.37	64.40
16920-0044	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit.....	6,639.49	67.62
16920-0045	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit.....	9,112.69	70.84
16920-0046	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	17,173.34	83.72
16920-0047	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	29,807.00	96.60
16920-0048	480V Combination With Molded Case Circuit, Full Volt <small>(16920-0001)</small>		
	Note: 2-Speed non-reversing, 1 wind		
16920-0049	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit.....	4,440.37	64.40
16920-0050	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit.....	6,639.49	67.62
16920-0051	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	9,112.69	70.84
16920-0052	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	17,173.34	83.72
16920-0053	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit.....	29,807.00	96.60
16920-0054	230V Combination With Molded Case Circuit <small>(16920-0001)</small>		
	Note: Reducing volt, auto-transformer		
16920-0055	EA 230V Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit.....	6,597.32	67.62
16920-0056	EA 230V Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit.....	10,133.24	74.06
16920-0057	EA 230V Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit.....	17,124.85	83.72
16920-0058	EA 230V Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit.....	26,526.41	96.60
16920-0059	EA 230V Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit.....	45,420.44	128.81
16920-0060	480V Combination With Molded Case Circuit <small>(16920-0001)</small>		
	Note: Reducing volt, auto-transformer		
16920-0061	EA 480V Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit.....	6,597.32	67.62
16920-0062	EA 480V Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit.....	10,133.24	74.06
16920-0063	EA 480V Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit.....	17,124.85	83.72
16920-0064	EA 480V Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit.....	26,526.41	96.60
16920-0065	EA 480V Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit.....	45,420.44	128.81
16920-0066	230V Combination With Molded Case Circuit <small>(16920-0001)</small>		
	Note: Reducing volt, part winding		
16920-0067	EA 230V Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit.....	4,443.85	103.04
16920-0068	EA 230V Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit.....	5,755.81	119.15
16920-0069	EA 230V Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit.....	10,204.89	132.03
16920-0070	EA 230V Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit.....	17,462.84	161.01
16920-0071	EA 230V Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit.....	24,006.67	206.09
16920-0072	480V Combination With Molded Case Circuit <small>(16920-0001)</small>		
	Note: Reducing volt, part winding.		
16920-0073	EA 480V Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit.....	4,443.85	103.04
16920-0074	EA 480V Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit.....	5,755.81	119.15
16920-0075	EA 480V Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit.....	10,204.89	132.03
16920-0076	EA 480V Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit.....	17,462.84	161.01
16920-0077	EA 480V Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit.....	24,006.67	206.09
16920-0078	230V Combination With Molded Case Circuit <small>(16920-0001)</small>		
	Note: Reducing volt, energy saver		
16920-0079	EA 230V Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit.....	18,733.52	83.72
16920-0080	EA 230V Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit.....	19,857.95	103.04
16920-0081	EA 230V Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit.....	21,922.59	119.15
16920-0082	EA 230V Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	33,244.86	132.03
16920-0083	EA 230V Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	45,360.43	161.01
16920-0084	EA 230V Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	61,571.01	206.09
16920-0085	480V Combination With Molded Case Circuit <small>(16920-0001)</small>		
	Note: Reducing volt, energy saver.		
16920-0086	EA 480V Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit.....	18,733.52	83.72
16920-0087	EA 480V Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit.....	19,857.95	103.04
16920-0088	EA 480V Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	21,922.59	119.15
16920-0089	EA 480V Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	33,244.86	132.03
16920-0090	EA 480V Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	45,360.43	161.01
16920-0091	EA 480V Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit.....	61,571.01	206.09



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

16920-0092	Combination Starters With Current Limiting Circuit Breakers <small>(16920)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
16920-0093	230V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 1-speed non-reversing		
16920-0094	EA 230V Full Volt, 1 Speed, Non-Reversing, 7-1/2	2,892.85	64.40
16920-0095	EA 230V Full Volt, 1 Speed, Non-Reversing, 15	3,297.76	67.62
16920-0096	EA 230V Full Volt, 1 Speed, Non-Reversing, 30	5,136.35	70.84
16920-0097	EA 230V Full Volt, 1 Speed, Non-Reversing, 50	9,515.84	83.72
16920-0098	EA 230V Full Volt, 1 Speed, Non-Reversing, 100	17,093.69	96.60
16920-0099	EA 230V Full Volt, 1 Speed, Non-Reversing, 200	27,893.78	128.81
16920-0100	480V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 1-speed non-reversing		
16920-0101	EA 480V Full Volt, 1 Speed, Non-Reversing, 10	2,892.85	64.40
16920-0102	EA 480V Full Volt, 1 Speed, Non-Reversing, 25	3,297.76	67.62
16920-0103	EA 480V Full Volt, 1 Speed, Non-Reversing, 50	5,136.35	70.84
16920-0104	EA 480V Full Volt, 1 Speed, Non-Reversing, 100	9,515.84	83.72
16920-0105	EA 480V Full Volt, 1 Speed, Non-Reversing, 200	17,093.69	96.60
16920-0106	EA 480V Full Volt, 1 Speed, Non-Reversing, 400	27,893.78	128.81
16920-0107	230V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 1-speed reversing		
16920-0108	EA 230V Full Volt, 1 Speed, Reversing, 7-1/2	3,881.66	64.40
16920-0109	EA 230V Full Volt, 1 Speed, Reversing, 15	4,938.06	67.62
16920-0110	EA 230V Full Volt, 1 Speed, Reversing, 30	7,335.36	70.84
16920-0111	EA 230V Full Volt, 1 Speed, Reversing, 50	13,133.76	83.72
16920-0112	EA 230V Full Volt, 1 Speed, Reversing, 100	23,897.31	96.60
16920-0113	480V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 1-speed reversing		
16920-0114	EA 480V Full Volt, 1 Speed, Reversing, 10	3,881.66	64.40
16920-0115	EA 480V Full Volt, 1 Speed, Reversing, 25	4,938.06	67.62
16920-0116	EA 480V Full Volt, 1 Speed, Reversing, 50	7,335.36	70.84
16920-0117	EA 480V Full Volt, 1 Speed, Reversing, 100	13,133.76	83.72
16920-0118	EA 480V Full Volt, 1 Speed, Reversing, 200	23,897.31	96.60
16920-0119	230V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind		
16920-0120	EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2	4,521.86	103.04
16920-0121	EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15	5,970.53	109.48
16920-0122	EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30	9,040.50	115.93
16920-0123	EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50	16,454.02	132.03
16920-0124	EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100	26,102.61	154.57
16920-0125	480V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind		
16920-0126	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10	4,521.86	103.04
16920-0127	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25	5,970.53	109.48
16920-0128	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50	9,040.50	115.93
16920-0129	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100	16,454.02	132.03
16920-0130	EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200	26,102.61	154.57
16920-0131	230V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind		
16920-0132	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2	5,234.26	96.60
16920-0133	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15	7,416.61	103.04
16920-0134	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30	10,442.33	109.48
16920-0135	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50	19,692.20	125.59
16920-0136	EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100	32,709.94	148.13
16920-0137	480V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind		
16920-0138	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10	5,234.26	96.60
16920-0139	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25	7,416.61	103.04
16920-0140	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50	10,442.33	109.48
16920-0141	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100	19,692.20	125.59
16920-0142	EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200	32,709.94	148.13
16920-0143	230V Combination Starters With Current Limiting Circuit <small>(16920-0092)</small> Note: Reduced volt, auto-transformer		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0144	EA	230V Reduced Volt, Auto Transformer, 15	7,305.72	67.62
16920-0145	EA	230V Reduced Volt, Auto Transformer, 30	11,803.05	74.06
16920-0146	EA	230V Reduced Volt, Auto Transformer, 50	19,994.31	83.72
16920-0147	EA	230V Reduced Volt, Auto Transformer, 100	30,323.54	96.60
16920-0148	EA	230V Reduced Volt, Auto Transformer, 200	49,925.96	128.81
16920-0149		480V Combination Starters With Current Limiting Circuit (16920-0092)		
		Note: Reduced volt, auto-transformer		
16920-0150	EA	480V Reduced Volt, Auto Transformer, 25	7,305.72	67.62
16920-0151	EA	480V Reduced Volt, Auto Transformer, 50	11,803.05	74.06
16920-0152	EA	480V Reduced Volt, Auto Transformer, 100	19,994.31	83.72
16920-0153	EA	480V Reduced Volt, Auto Transformer, 200	30,323.54	96.60
16920-0154	EA	480V Reduced Volt, Auto Transformer, 400	49,925.96	128.81
16920-0155		230V Combination Starters With Current Limiting Circuit (16920-0092)		
		Note: Reduced volt, part winding		
16920-0156	EA	230V Reduced Volt, Part Winding Starters, 10	5,173.34	103.04
16920-0157	EA	230V Reduced Volt, Part Winding Starters, 25	6,470.54	119.15
16920-0158	EA	230V Reduced Volt, Part Winding Starters, 50	11,455.13	132.03
16920-0159	EA	230V Reduced Volt, Part Winding Starters, 75	20,368.14	161.01
16920-0160	EA	230V Reduced Volt, Part Winding Starters, 150	30,082.91	206.09
16920-0161		480V Combination Starters With Current Limiting Circuit (16920-0092)		
		Note: Reduced volt, part winding		
16920-0162	EA	480V Reduced Volt, Part Winding Starters, 15	5,173.34	103.04
16920-0163	EA	480V Reduced Volt, Part Winding Starters, 40	6,470.54	119.15
16920-0164	EA	480V Reduced Volt, Part Winding Starters, 75	11,455.13	132.03
16920-0165	EA	480V Reduced Volt, Part Winding Starters, 150	20,368.14	161.01
16920-0166	EA	480V Reduced Volt, Part Winding Starters, 350	30,082.91	206.09
16920-0167		230V Combination Starters With Current Limiting Circuit (16920-0092)		
		Note: Reduced volt, energy saving		
16920-0168	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 7.5	19,338.61	83.72
16920-0169	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 15	20,456.71	103.04
16920-0170	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 30	22,500.27	119.15
16920-0171	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 50	33,723.45	132.03
16920-0172	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 100	45,731.50	161.01
16920-0173	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 200	64,115.78	206.09
16920-0174		480V Combination Starters With Current Limiting Circuit (16920-0092)		
		Note: Reduced volt, energy saving		
16920-0175	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 10	19,338.64	83.72
16920-0176	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 25	20,456.71	103.04
16920-0177	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 50	22,500.27	119.15
16920-0178	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 100	33,723.45	132.03
16920-0179	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 200	45,731.50	161.01
16920-0180	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 400	64,115.78	206.09
16920-0181		Combination Starters With Fusible Switch (16920)		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
16920-0182		230V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
		Note: 1-Speed non-reversing		
16920-0183	EA	7-1/2 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,899.82	64.40
16920-0184	EA	15 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,644.18	67.62
16920-0185	EA	30 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,505.96	70.84
16920-0186	EA	50 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	7,993.62	83.72
16920-0187	EA	100 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	13,020.37	96.60
16920-0188	EA	200 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	23,272.29	128.81
16920-0189		480V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
		Note: 1-Speed non-reversing		
16920-0190	EA	10 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,899.82	64.40
16920-0191	EA	25 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,644.18	67.62
16920-0192	EA	50 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,505.96	70.84
16920-0193	EA	100 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	7,993.62	83.72
16920-0194	EA	200 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	13,020.37	96.60
16920-0195	EA	400 HP 480V Combination St. Fusible Switch, Full Volt, 1 Speed Non-Reversing	23,272.29	128.81
16920-0196		230V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
		Note: 1-Speed reversing		
16920-0197	EA	7-1/2 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	3,112.12	64.40
16920-0198	EA	15 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing	4,668.19	67.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0199 EA 30 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing.....	7,510.35	70.84
16920-0200 EA 50 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing.....	12,275.66	83.72
16920-0201 EA 100 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing.....	18,921.62	96.60
16920-0202 EA 200 HP 230V Combination St. Fusible Switch, Full Volt, 1 Speed Reversing.....	32,203.23	128.81
16920-0203 480V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
Note: 1-Speed reversing		
16920-0204 EA 480V Full Volt, 1 Speed, Reversing, 10.....	3,112.12	64.40
16920-0205 EA 480V Full Volt, 1 Speed, Reversing, 25.....	4,668.19	67.62
16920-0206 EA 480V Full Volt, 1 Speed, Reversing, 50.....	7,510.35	70.84
16920-0207 EA 480V Full Volt, 1 Speed, Reversing, 100.....	12,275.66	83.72
16920-0208 EA 480V Full Volt, 1 Speed, Reversing, 200.....	18,921.62	96.60
16920-0209 EA 480V Full Volt, 1 Speed, Reversing, 400.....	32,203.23	128.81
16920-0210 230V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
Note: 2-Speed non-reversing, 2 wind		
16920-0211 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 10.....	3,615.27	103.04
16920-0212 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 15.....	5,007.02	109.48
16920-0213 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 30.....	7,939.94	115.93
16920-0214 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 50.....	14,263.45	132.03
16920-0215 EA 230V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 100.....	22,784.08	154.57
16920-0216 480V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
Note: 2-Speed non-reversing, 2 wind		
16920-0217 EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 10.....	3,615.27	103.04
16920-0218 EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 25.....	5,007.02	109.48
16920-0219 EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 50.....	7,939.94	115.93
16920-0220 EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 100.....	14,263.45	132.03
16920-0221 EA 480V Full Volt, 2 Speed, 2 Wind Starter, Non-Reversing, 200.....	22,784.08	154.57
16920-0222 230V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
Note: 2-Speed non-reversing, 1 wind		
16920-0223 EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 7-1/2.....	4,183.15	64.40
16920-0224 EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 15.....	6,411.79	67.62
16920-0225 EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 30.....	9,260.27	70.84
16920-0226 EA 230V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 50.....	18,729.30	83.72
16920-0227 480V Combination Starters With Fusible Switch, Full Volt (16920-0181)		
Note: 2-Speed non-reversing, 1 wind		
16920-0228 EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 10.....	4,183.15	64.40
16920-0229 EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 25.....	6,411.79	67.62
16920-0230 EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 50.....	9,260.27	70.84
16920-0231 EA 480V Full Volt, 2 Speed, 1 Wind Starter, Non-Reversing, 100.....	18,729.30	83.72
16920-0232 230V Combination Starters With Fusible Switch, Reduced Volt (16920-0181)		
Note: Auto-transformer		
16920-0233 EA 230V Reduced Volt, Auto-Transformer, 15.....	6,367.51	67.62
16920-0234 EA 230V Reduced Volt, Auto-Transformer, 30.....	11,290.72	74.06
16920-0235 EA 230V Reduced Volt, Auto-Transformer, 50.....	18,853.69	83.72
16920-0236 EA 230V Reduced Volt, Auto-Transformer, 100.....	25,189.72	96.60
16920-0237 EA 230V Reduced Volt, Auto-Transformer, 200.....	42,354.90	128.81
16920-0238 480V Combination Starters With Fusible Switch, Reduced Volt (16920-0181)		
Note: Auto-transformer		
16920-0239 EA 480V Reduced Volt, Auto-Transformer, 25.....	6,367.51	67.62
16920-0240 EA 480V Reduced Volt, Auto-Transformer, 50.....	11,290.72	74.06
16920-0241 EA 480V Reduced Volt, Auto-Transformer, 100.....	18,853.69	83.72
16920-0242 EA 480V Reduced Volt, Auto-Transformer, 200.....	25,189.72	96.60
16920-0243 EA 480V Reduced Volt, Auto-Transformer, 400.....	42,354.90	128.81
16920-0244 230V Combination Starters With Fusible Switch, Reduced Volt (16920-0181)		
Note: Part winding		
16920-0245 EA 230V Reduced Volt, Part Winding Starters, 10.....	4,471.26	103.04
16920-0246 EA 230V Reduced Volt, Part Winding Starters, 25.....	5,937.13	119.15
16920-0247 EA 230V Reduced Volt, Part Winding Starters, 50.....	9,513.35	132.03
16920-0248 EA 230V Reduced Volt, Part Winding Starters, 75.....	19,071.50	161.01
16920-0249 480V Combination Starters With Fusible Switch, Reduced Volt (16920-0181)		
Note: Part winding		
16920-0250 EA 480V Reduced Volt, Part Winding Starters, 15.....	4,471.26	103.04
16920-0251 EA 480V Reduced Volt, Part Winding Starters, 40.....	5,937.13	119.15
16920-0252 EA 480V Reduced Volt, Part Winding Starters, 75.....	9,513.35	132.03



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0253	EA	480V Reduced Volt, Part Winding Starters, 150.....	19,071.50	161.01
16920-0254		230V Combination Starters With Fusible Switch, Reduced Volt (16920-0181)		
		Note: Energy saver		
16920-0255	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 7.5	18,731.41	83.72
16920-0256	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 15	19,857.95	103.04
16920-0257	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 30	21,922.59	119.15
16920-0258	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 50	33,244.86	132.03
16920-0259	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 100	45,360.43	161.01
16920-0260	EA	230V Energy Saver Solid State Reduced Volt Starter With MCP, 200	61,571.01	206.09
16920-0261		480V Combination Starters With Fusible Switch, Reduced Volt (16920-0181)		
		Note: Energy saver		
16920-0262	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 10	18,731.41	83.72
16920-0263	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 25	19,857.95	103.04
16920-0264	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 50	21,922.59	119.15
16920-0265	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 100	33,244.86	132.03
16920-0266	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 200	45,360.43	161.01
16920-0267	EA	480V Energy Saver Solid State Reduced Volt Starter With MCP, 400	61,571.01	206.09
16920-0268		Starter Accessories (16920)		
16920-0269		Starter Modifications (16920-0268)		
16920-0270	EA	Control Circuit Transformer 60 Hz, Size 1, 2, 50 VA Standard	86.60	
16920-0271	EA	Control Circuit Transformer 60 Hz, Size 3, 4, 150 VA Standard	328.90	
16920-0272	EA	Control Circuit Transformer 60 Hz, Size 5, 6, 50 VA	470.16	
16920-0273	EA	Control Circuit Transformer 60 Hz, All Sizes, Extra 50 VA	118.07	
16920-0274	EA	Control Circuit Transformer 60 Hz, All Sizes, Extra 100 VA	166.56	
16920-0275	EA	Control Circuit Transformer 60 Hz, All Sizes, Extra 150 VA	280.41	
16920-0276	EA	Overload Relay Heater Elements, 3 Per Starter	69.58	
16920-0277	EA	N.O. Overload Relay Alarm	59.03	
16920-0278	EA	Control Circuit Fuses, Primary/Secondary	31.93	
16920-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	39.48	
16920-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	77.22	
16920-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	39.48	
16920-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	45.29	
16920-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	54.58	
16920-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	64.45	
16920-0285	EA	Blank Devices Panel	12.19	
16920-0286	EA	Oversize Or Special Color Starter	19.16	
16920-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	178.99	
16920-0288	EA	Mini Elapsed Time Meters, Non Resettable	163.32	
16920-0289	EA	Panel Elapsed Time Meter, Resettable	226.44	
16920-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	19.16	
16920-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	27.29	
16920-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	19.16	
16920-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	27.29	
16920-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	27.29	
16920-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	39.48	
16920-0296	EA	MOR - A Solid State Modular Overload Relay	98.13	
16920-0297	EA	Heater Module	36.64	
16920-0298	EA	LAM - Long Acceleration Module	227.60	
16920-0299	EA	JAM - Jam Protection Module	260.91	
16920-0300	EA	PUM - Phase Unbalance Module	495.18	
16920-0301	EA	ULM - Underload Module	237.60	
16920-0302	EA	Wiring To Common Control Circuit Transformer	52.18	
16920-0303	EA	Handle Operator Separable Source Control Circuit	97.70	
16920-0304	EA	Type SIS Control Wire	41.08	
16920-0305	EA	Ring Or Spade Terminals Control	52.18	
16920-0306	EA	Ring Terminals Power	52.18	
16920-0307	EA	14 Gauge Control Wire	41.08	
16920-0308	EA	Wiremakers	52.18	
16920-0309	EA	Wiring Diagram On Door	31.09	
16920-0310	EA	Special Color Or Type Control Wire	37.75	
16920-0311	EA	Current Transformer 12.5 VA	296.44	
16920-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	947.06	
16920-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	1,065.86	
16920-0314		Control Relays And Special Components (16920-0268)		
16920-0315	EA	Control Relays, 600 V, 2 Pole	569.10	
16920-0316	EA	Control Relays, 600 V, 4 Pole	665.11	
16920-0317	EA	Control Relays, 600 V, 6 Pole	767.57	
16920-0318	EA	Control Relays, 600 V, 8 Pole	848.45	
16920-0319	EA	Control Relays, Pneumatic Timer	776.49	
16920-0320	EA	Control Relays, Motor Driven Timer	2,023.42	
16920-0321	EA	Control Relays, 7 Day Time Switch	2,546.75	
16920-0322	EA	Control Relays, 24 Hour Time Switch	714.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0323 EA Control Relays, Phase Voltage	1,214.81	
16920-0324 EA Control Relays, Two Circuit Alternator	1,700.35	
16920-0325 EA Control Relays, Manual 120 V	166.26	
16920-0326 EA Control Relays, Over-Current Relay	2,118.39	
16920-0327 EA Control Relays, UV-Relay	1,794.19	
16920-0328 EA Control Relays, Over-Current Relay	1,794.19	
16920-0329 EA Control Relays, Teleductor	1,252.59	
16920-0330 EA Control Relays, Current Transducer	3,368.58	
16920-0331 EA Control Relays, Watt Transducer	6,737.17	
16920-0332 EA Control Relays, Blank, Add For Each 1x	228.60	
16920-0333 EA Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	341.96	
16920-0334 EA Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	385.41	
16920-0335 EA Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	428.87	
16920-0336 EA Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	385.41	
16920-0337 EA Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	428.87	
16920-0338 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	451.54	
16920-0339 Circuit Breaker Modifications/Accessories (16920-0268)		
16920-0340 EA Circuit Breaker, Shunt Trip	275.31	
16920-0341 EA Circuit Breaker, Auxiliary Switch	95.09	
16920-0342 EA Circuit Breaker, Key Interlock	342.03	
16920-0343 EA Circuit Breaker, GFR Ground Fault	1,576.72	
16920-0344 EA Circuit Breaker, Seltronic Breaker	913.36	
16920-0345 Incoming Line And Feeder Circuit Breakers (16920-0268)		
16920-0346 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	817.67	41.87
16920-0347 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	1,414.95	64.40
16920-0348 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	1,360.70	41.87
16920-0349 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	1,956.84	64.40
16920-0350 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	2,510.17	64.40
16920-0351 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	1,558.79	83.72
16920-0352 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	2,520.57	90.16
16920-0353 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	3,324.20	115.93
16920-0354 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	3,917.79	177.11
16920-0355 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	5,551.49	267.28
16920-0356 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	12,127.59	354.22
16920-0357 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	18,106.16	444.38
16920-0358 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	30,166.65	515.17
16920-0359 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	981.15	41.87
16920-0360 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	1,573.86	64.40
16920-0361 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	981.15	41.87
16920-0362 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	1,573.86	64.40
16920-0363 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	1,663.66	41.87
16920-0364 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	2,279.23	64.40
16920-0365 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,825.70	64.40
16920-0366 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	1,494.97	64.40
16920-0367 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	3,789.75	177.11
16920-0368 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	3,789.75	177.11
16920-0369 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	5,096.38	193.21
16920-0370 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	6,361.15	225.41
16920-0371 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	7,321.21	267.28
16920-0372 Incoming Line And Feeder Fusible Switches (16920-0268)		
16920-0373 EA Incoming Line And Feeder Fusible Switches, 30 Or 60 Amps	912.66	64.40
16920-0374 EA Incoming Line And Feeder Fusible Switches, 30 Dual/60 Dual	1,400.06	64.40
16920-0375 EA Incoming Line And Feeder Fusible Switches, 100	1,416.28	80.50
16920-0376 EA Incoming Line And Feeder Fusible Switches, 200	2,295.66	96.60
16920-0377 EA Incoming Line And Feeder Fusible Switches, 400	4,510.21	122.37
16920-0378 EA Incoming Line And Feeder Fusible Switches, 600	6,323.99	161.01
16920-0379 EA Incoming Line And Feeder Fusible Switches, 800	15,342.40	215.75
16920-0380 EA Incoming Line And Feeder Fusible Switches, 1200	17,322.26	299.48
16920-0381 Dry Type Distribution Transformers (16920-0268)		
16920-0382 EA Dry Type Distribution Transformers, 500 VA, Phase 1	779.69	
16920-0383 EA Dry Type Distribution Transformers, 750 VA, Phase 1	804.84	
16920-0384 EA Dry Type Distribution Transformers, 1000 VA, Phase 1	831.13	
16920-0385 EA Dry Type Distribution Transformers, 1500 VA, Phase 1	953.46	
16920-0386 EA Dry Type Distribution Transformers, 2000 VA, Phase 1	1,033.48	
16920-0387 EA Dry Type Distribution Transformers, 3000 VA, Phase 1	1,191.32	
16920-0388 EA Dry Type Distribution Transformers, 5000 VA, Phase 1	1,406.18	
16920-0389 EA Dry Type Distribution Transformers, 7500 VA, Phase 1	1,584.52	
16920-0390 EA Dry Type Distribution Transformers, 9000 VA, Phase 3	3,683.50	
16920-0391 EA Dry Type Distribution Transformers, 10000 VA, Phase 1	1,954.93	
16920-0392 EA Dry Type Distribution Transformers, 15000 VA, Phase 1	2,708.32	
16920-0393 EA Dry Type Distribution Transformers, 15000 VA, Phase 3	4,220.82	
16920-0394 EA Dry Type Distribution Transformers, 20000 VA, Phase 1	3,908.72	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0395	EA	Dry Type Distribution Transformers, 30000 VA, Phase 1	5,416.64	
16920-0396	EA	Dry Type Distribution Transformers, 30000 VA, Phase 3	5,695.67	
16920-0397	EA	Dry Type Distribution Transformers, 45000 VA, Phase 1	7,889.55	
16920-0398		Power Factor Correction Capacitors (16920-0268)		
16920-0399	EA	Power Factor Correction Capacitors, 2.0 KVAC	878.51	
16920-0400	EA	Power Factor Correction Capacitors, 3.0 KVAC	972.98	
16920-0401	EA	Power Factor Correction Capacitors, 4.0 KVAC	1,067.44	
16920-0402	EA	Power Factor Correction Capacitors, 5.0 KVAC	1,158.13	
16920-0403	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,422.63	
16920-0404	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,738.14	
16920-0405	EA	Power Factor Correction Capacitors, 15.0 KVAC	2,684.67	
16920-0406	EA	Power Factor Correction Capacitors, 20.0 KVAC	3,260.90	
16920-0407	EA	Power Factor Correction Capacitors, 25.0 KVAC	4,213.09	
16920-0408	EA	Power Factor Correction Capacitors, 30.0 KVAC	4,791.21	
16920-0409	EA	Power Factor Correction Capacitors, 50.0 KVAC	8,407.29	
16920-0410	EA	Power Factor Correction Capacitors, 75.0 KVAC	12,641.17	
16920-0411	EA	Power Factor Correction Capacitors, 100.0 KVAC	16,856.15	
16920-0412	EA	Power Factor Correction Capacitors, Fuse Kit.....	782.16	
16920-0413		Metering Equipment (16920-0268)		
16920-0414	EA	Metering Equipment, Voltmeter, Panel Type	186.96	
16920-0415	EA	Metering Equipment, Voltmeter, Switchboard Type	408.76	
16920-0416	EA	Metering Equipment, Ammeter, Panel	168.38	
16920-0417	EA	Metering Equipment, Ammeter, Switchboard Type.....	408.76	
16920-0418	EA	Metering Equipment, Voltmeter/Ammeter, Switch	227.03	
16920-0419	EA	Metering Equipment, Control Switch, 4 Circuits	240.96	
16920-0420	EA	Add For Additional Circuits	61.06	
16920-0421	EA	Metering Equipment, Indicating Wattmeter	843.07	
16920-0422	EA	Metering Equipment, Indicating Power Factor	883.13	
16920-0423	EA	Metering Equipment, Integrating Watt-hour	778.62	
16920-0424	EA	Add For Demand Attachment	399.70	
16920-0425	EA	Metering Equipment, Current Transformer, 800 Amp	232.83	
16920-0426	EA	Metering Equipment, Current Transformer, 1000 Amp	401.79	
16920-0427	EA	Metering Equipment, Current Transformer, 2000 Amp	467.99	
16920-0428	EA	Metering Equipment, Potential Transformer	390.18	
16920-0429	EA	Metering Equipment, Surge Arrester	419.79	
16920-0430	EA	Metering Equipment, Ground Detector System	321.09	
16920-0431		Current Limiting Reactors (16920-0268)		
16920-0432	EA	Current Limiting Reactors, 600 Amps	14,110.93	
16920-0433	EA	Current Limiting Reactors, 800 Amps	20,549.62	
16920-0434	EA	Current Limiting Reactors, 1000 Amps	27,003.18	
16920-0435	EA	Current Limiting Reactors, 1200 Amps	41,103.82	
16920-0436		Incoming Line Cable Space Requirements, Main Lugs Only (16920-0268)		
16920-0437	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw.....	457.51	
16920-0438	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	457.51	
16920-0439	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw.....	632.50	
16920-0440	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,157.48	
16920-0441	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw.....	632.50	
16920-0442	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	807.49	
16920-0443	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw.....	807.49	
16920-0444	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,155.37	
16920-0445	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw.....	807.49	
16920-0446	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,155.37	
16920-0447	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw.....	982.49	
16920-0448	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,185.71	
16920-0449	EA	Incoming Line Cable Space Requirement, 1000 MCC, 2 Screw.....	982.49	
16920-0450	EA	Incoming Line Cable Space Requirement, 1000 MCC, 2 Crimp	1,155.37	
16920-0451	EA	Incoming Line Cable Space Requirement, 1000 MCC, 4 Screw.....	3,185.71	
16920-0452	EA	Incoming Line Cable Space Requirement, 1000 MCC, 4 Crimp	3,185.71	
16920-0453	EA	Bus Duct Transition Pull Box	1,902.50	
16920-0454	EA	Throat And Transition To Substation	3,672.76	
16920-0455	EA	Service Entrance Label.....	795.39	
16920-0456	EA	Type W To 5 Star - 10" Transition.....	1,662.57	
16920-0457	EA	600 Ampere Sub Feed Lugs On Main Bus	265.35	
16920-0458		Standard Structures And Structure Options/Modifications (16920-0268)		
16920-0459	EA	Standard Structure Add For Each Additional 4" Of Structure Width	525.22	
16920-0460	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	525.22	
16920-0461	EA	Standard Structure Single Corner Section "L", 16" Depth.....	1,624.78	
16920-0462	EA	Standard Structure Single Corner Section "L", 21" Depth.....	1,832.60	
16920-0463	EA	Standard Structure Unused Space/Future Space.....	156.81	
16920-0464	EA	Standard Structure NEMA 12 Dustproof.....	423.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0465 EA Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	88.80	
16920-0466 EA Standard Structure 150 Watt Space	381.63	
16920-0467 EA Standard Structure Thermostat For Space Heater Control	323.09	
16920-0468 EA Standard Structure Rear Hinged Structure Door, 72" High	381.63	
16920-0469 EA Standard Structure NEMA 2 Drip Shield On Top Of MCC	208.73	
16920-0470 EA Standard Structure NEMA 3R N-Walk In Front Mounted	2,977.73	
16920-0471 EA Standard Structure NEMA 3R N-Walk In Back-to-back	3,441.82	
16920-0472 EA Standard Structure NEMA 3R Walk-In Aisle Front Mounted	3,445.16	
16920-0473 Installation Hours For Vertical Sections (16920-0268)		
16920-0474 EA Install Vertical Section, 230/480V, 1 Section, 600 Amps	386.41	193.21
16920-0475 EA Install Vertical Section, 230/480V, 2 Section, 600 Amps	579.60	289.82
16920-0476 EA Install Vertical Section, 230/480V, 3 Section, 600 Amps	644.04	322.01
16920-0477 EA Install Vertical Section, 230/480V, 4 Section, 600 Amps	772.91	386.42
16920-0478 EA Install Vertical Section, 230/480V, Bolt To Floor, 600 Amps	64.40	32.20
16920-0479 EA Install Vertical Section, 230/480V, 1 Section, 800 Amps	386.41	193.21
16920-0480 EA Install Vertical Section, 230/480V, 2 Section, 800 Amps	579.60	289.82
16920-0481 EA Install Vertical Section, 230/480V, 3 Section, 800 Amps	644.04	322.01
16920-0482 EA Install Vertical Section, 230/480V, 4 Section, 800 Amps	772.91	386.42
16920-0483 EA Install Vertical Section, 230/480V, Bolt To Floor, 800 Amps	64.40	32.20
16920-0484 EA Install Vertical Section, 230/480V, 1 Section, 1200 Amps	450.83	225.41
16920-0485 EA Install Vertical Section, 230/480V, 2 Section, 1200 Amps	579.60	289.82
16920-0486 EA Install Vertical Section, 230/480V, 3 Section, 1200 Amps	772.91	386.42
16920-0487 EA Install Vertical Section, 230/480V, 4 Section, 1200 Amps	901.54	450.76
16920-0488 EA Install Vertical Section, 230/480V, Bolt To Floor, 1200 Amps	96.60	48.31
16920-0489 EA Install Vertical Section, 230/480V, 1 Section, 1600 Amps	515.23	257.62
16920-0490 EA Install Vertical Section, 230/480V, 2 Section, 1600 Amps	708.50	354.22
16920-0491 EA Install Vertical Section, 230/480V, 3 Section, 1600 Amps	901.54	450.76
16920-0492 EA Install Vertical Section, 230/480V, 4 Section, 1600 Amps	1,030.27	515.17
16920-0493 EA Install Vertical Section, 230/480V, Bolt To Floor, 1600 Amps	128.81	64.40
16920-0494 EA Install Vertical Section, 230/480V, 1 Section, 2000 Amps	515.23	257.62
16920-0495 EA Install Vertical Section, 230/480V, 2 Section, 2000 Amps	772.91	386.42
16920-0496 EA Install Vertical Section, 230/480V, 3 Section, 2000 Amps	965.95	482.96
16920-0497 EA Install Vertical Section, 230/480V, 4 Section, 2000 Amps	1,094.93	547.50
16920-0498 EA Install Vertical Section, 230/480V, Bolt To Floor, 2000 Amps	128.81	64.40
16920-0499 Motor Control Centers (16920)		
16920-0500 2400V Motor Control Centers (16920-0499)		
16920-0501 EA 2400V CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	11,054.97	128.81
16920-0502 EA 2400V CL 11-202, Squirrel Cage Motor Control, 400 Hp	11,054.97	128.81
16920-0503 EA 2400V CL 11-202, Squirrel Cage Motor Control, 600 Hp	11,054.97	128.81
16920-0504 EA 2400V CL 11-202, Squirrel Cage Motor Control, 700 Hp	11,087.18	144.91
16920-0505 EA 2400V CL 11-202, Squirrel Cage Motor Control, 1000 Hp	11,773.14	161.01
16920-0506 EA 2400V CL 11-202, Squirrel Cage Motor Control, 1250 Hp	11,805.34	177.11
16920-0507 EA 2400V CL 11-202, Squirrel Cage Motor Control, 1500 Hp	11,837.54	193.21
16920-0508 EA 2400V CL 11-202, Squirrel Cage Motor Control, 1750 Hp	11,901.96	225.41
16920-0509 EA 2400V CL 11-202, Squirrel Cage Motor Control, 2000 Hp	11,966.36	257.62
16920-0510 EA 2400V CL 11-202, Squirrel Cage Motor Control, 2250 Hp	20,179.92	289.82
16920-0511 EA 2400V CL 11-202, Squirrel Cage Motor Control, 2500 Hp	21,657.59	322.01
16920-0512 EA 2400V CL 13-202, Wound Rotor Motor Control, 100 Hp	16,414.68	128.81
16920-0513 EA 2400V CL 13-202, Wound Rotor Motor Control, 150 Hp	17,099.67	138.47
16920-0514 EA 2400V CL 13-202, Wound Rotor Motor Control, 200 Hp	19,427.54	151.35
16920-0515 EA 2400V CL 13-202, Wound Rotor Motor Control, 300 Hp	21,626.14	161.01
16920-0516 EA 2400V CL 13-202, Wound Rotor Motor Control, 400 Hp	23,526.77	186.77
16920-0517 EA 2400V CL 13-202, Wound Rotor Motor Control, 600 Hp	25,778.03	199.65
16920-0518 EA 2400V CL 13-202, Wound Rotor Motor Control, 700 Hp	28,027.94	212.53
16920-0519 EA 2400V CL 13-202, Wound Rotor Motor Control, 1000 Hp	30,696.29	231.85
16920-0520 EA 2400V CL 13-202, Wound Rotor Motor Control, 1250 Hp	35,723.17	257.62
16920-0521 EA 2400V CL 13-202, Wound Rotor Motor Control, 1500 Hp	38,704.70	273.72
16920-0522 EA 2400V CL 13-202, Wound Rotor Motor Control, 1750 Hp	59,128.02	322.01
16920-0523 EA 2400V CL 13-202, Wound Rotor Motor Control, 2000 Hp	62,996.32	354.22
16920-0524 EA 2400V CL 13-202, Wound Rotor Motor Control, 2250 Hp	66,362.67	386.42
16920-0525 EA 2400V CL 13-202, Wound Rotor Motor Control, 2500 Hp	72,262.34	418.69
16920-0526 EA 2400V CL 14-202, Synchronous Motor Control, 100 To 300 Hp	15,486.17	128.81
16920-0527 EA 2400V CL 14-202, Synchronous Motor Control, 400 Hp	15,518.38	144.91
16920-0528 EA 2400V CL 14-202, Synchronous Motor Control, 600 Hp	15,550.56	161.01
16920-0529 EA 2400V CL 14-202, Synchronous Motor Control, 700 Hp	15,582.76	177.11
16920-0530 EA 2400V CL 14-202, Synchronous Motor Control, 1000 Hp	15,617.61	193.21
16920-0531 EA 2400V CL 14-202, Synchronous Motor Control, 1250 Hp	15,649.84	209.31
16920-0532 EA 2400V CL 14-202, Synchronous Motor Control, 1500 Hp	15,682.03	225.41
16920-0533 EA 2400V CL 14-202, Synchronous Motor Control, 1750 Hp	15,810.80	289.82
16920-0534 EA 2400V CL 14-202, Synchronous Motor Control, 2000 Hp	26,973.72	322.01
16920-0535 EA 2400V CL 14-202, Synchronous Motor Control, 2250 Hp	27,038.18	354.22
16920-0536 EA 2400V CL 14-202, Synchronous Motor Control, 2500 Hp	28,507.90	386.42
16920-0537 EA Add For Reversing Starters, 100 To 700 HP	6,085.51	
16920-0538 EA Add For Reversing Starters, 1000 To 1500 Hp	6,270.42	
16920-0539 EA Add For Reversing Starters, 1750 To 2500 Hp	9,605.38	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0540 4800V Motor Control Centers <small>(16920-0499)</small>				
16920-0541	EA	4800V CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	12,022.45	193.21
16920-0542	EA	4800V CL 11-202, Squirrel Cage Motor Control, 700 HP	12,054.68	209.31
16920-0543	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1000 HP	12,086.87	225.41
16920-0544	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1250 HP	12,119.09	241.51
16920-0545	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1500 HP	12,798.45	257.62
16920-0546	EA	4800V CL 11-202, Squirrel Cage Motor Control, 1750 HP	12,830.69	273.72
16920-0547	EA	4800V CL 11-202, Squirrel Cage Motor Control, 2000 HP	12,862.82	289.82
16920-0548	EA	4800V CL 11-202, Squirrel Cage Motor Control, 2250 HP	12,895.09	305.91
16920-0549	EA	4800V CL 11-202, Squirrel Cage Motor Control, 2500 HP	12,927.26	322.01
16920-0550	EA	4800V CL 11-202, Squirrel Cage Motor Control, 3000 HP	21,923.59	418.69
16920-0551	EA	4800V CL 11-202, Squirrel Cage Motor Control, 3500 HP	21,987.74	450.76
16920-0552	EA	4800V CL 11-202, Squirrel Cage Motor Control, 4000 HP	23,458.77	482.96
16920-0553	EA	4800V CL 11-202, Squirrel Cage Motor Control, 4500 HP	23,523.09	515.17
16920-0554	EA	4800V CL 13-202, Wound Rotor Motor Control, 100 HP	16,731.02	193.21
16920-0555	EA	4800V CL 13-202, Wound Rotor Motor Control, 150 HP	16,948.16	209.31
16920-0556	EA	4800V CL 13-202, Wound Rotor Motor Control, 200 HP	19,977.19	225.41
16920-0557	EA	4800V CL 13-202, Wound Rotor Motor Control, 300 HP	21,972.08	241.51
16920-0558	EA	4800V CL 13-202, Wound Rotor Motor Control, 400 HP	23,853.35	257.62
16920-0559	EA	4800V CL 13-202, Wound Rotor Motor Control, 600 HP	26,111.10	273.72
16920-0560	EA	4800V CL 13-202, Wound Rotor Motor Control, 700 HP	28,230.06	289.82
16920-0561	EA	4800V CL 13-202, Wound Rotor Motor Control, 1000 HP	31,029.35	305.91
16920-0562	EA	4800V CL 13-202, Wound Rotor Motor Control, 1250 HP	35,948.40	322.01
16920-0563	EA	4800V CL 13-202, Wound Rotor Motor Control, 1500 HP	39,290.47	338.12
16920-0564	EA	4800V CL 13-202, Wound Rotor Motor Control, 1750 HP	42,664.76	370.32
16920-0565	EA	4800V CL 13-202, Wound Rotor Motor Control, 2000 HP	45,456.10	386.42
16920-0566	EA	4800V CL 13-202, Wound Rotor Motor Control, 2250 HP	48,088.84	402.52
16920-0567	EA	4800V CL 13-202, Wound Rotor Motor Control, 2500 HP	51,773.14	418.69
16920-0568	EA	4800V CL 13-202, Wound Rotor Motor Control, 3000 HP	82,092.93	515.17
16920-0569	EA	4800V CL 13-202, Wound Rotor Motor Control, 3500 HP	91,297.36	547.50
16920-0570	EA	4800V CL 13-202, Wound Rotor Motor Control, 4000 HP	109,753.46	579.63
16920-0571	EA	4800V CL 13-202, Wound Rotor Motor Control, 4500 HP	116,099.79	579.63
16920-0572	EA	4800V CL 14-202, Synchronous Motor Control, 100 To 600 HP	16,515.44	225.41
16920-0573	EA	4800V CL 14-202, Synchronous Motor Control, 700 HP	16,547.66	241.51
16920-0574	EA	4800V CL 14-202, Synchronous Motor Control, 1000 HP	16,579.84	257.62
16920-0575	EA	4800V CL 14-202, Synchronous Motor Control, 1250 HP	16,612.08	273.72
16920-0576	EA	4800V CL 14-202, Synchronous Motor Control, 1500 HP	18,036.30	289.82
16920-0577	EA	4800V CL 14-202, Synchronous Motor Control, 1750 HP	18,068.57	305.91
16920-0578	EA	4800V CL 14-202, Synchronous Motor Control, 2000 HP	18,100.74	322.01
16920-0579	EA	4800V CL 14-202, Synchronous Motor Control, 2250 HP	18,132.95	338.12
16920-0580	EA	4800V CL 14-202, Synchronous Motor Control, 2500 HP	18,165.20	354.22
16920-0581	EA	4800V CL 14-202, Synchronous Motor Control, 3000 HP	18,358.24	450.76
16920-0582	EA	4800V CL 14-202, Synchronous Motor Control, 3500 HP	29,706.05	482.96
16920-0583	EA	4800V CL 14-202, Synchronous Motor Control, 4000 HP	31,170.39	515.17
16920-0584	EA	4800V CL 14-202, Synchronous Motor Control, 4500 HP	31,170.39	515.17
16920-0585	EA	Add For Reversing Starters, 100 To 1250 HP	9,637.44	
16920-0586	EA	Add For Reversing Starters, 1500 To 2500 HP	9,932.61	
16920-0587	EA	Add For Reversing Starters, 3000 To 4500 HP	15,256.17	
16920-0588 2400/4800V Motor Control Centers, Accessories <small>(16920-0499)</small>				
16920-0589	EA	2400/4800V Load Break Disconnect Switch 600 Amp	12,486.01	128.81
16920-0590	EA	2400/4800V Load Break Disconnect Switch 1200 Amp	14,957.17	193.21
16920-0591	EA	2400/4800V NEMA 3 Weather Resistant	4,977.80	
16920-0592	EA	2400/4800V Space Heaters	156.28	9.66
16920-0593	EA	2400/4800V Potential Transformer Fused	1,442.11	
16920-0594	EA	2400/4800V Current Transformer 600 V/5 KVA	773.76	
16920-0595	EA	2400/4800V Control Transformer 4 KVA Max	2,304.42	
16920-0596	EA	2400/4800V Pushbuttons Each	147.58	
16920-0597	EA	2400/4800V Selector Switch Each	489.14	
16920-0598	EA	2400/4800V Indicating Light	147.58	
16920-0599	EA	2400/4800V Push To Test Light	446.97	
16920-0600	EA	2400/4800V AC Voltmeter, Switchboard Type	1,189.11	
16920-0601	EA	2400/4800V AC Ammeter, Switchboard Type	1,189.11	
16920-0602	EA	2400/4800V Power Factor Meter	3,556.77	
16920-0603	EA	2400/4800V Watt Hr Meter, 2 Element Drawout	2,452.00	
16920-0604	EA	2400/4800V Operation Counter	466.29	9.66
16920-0605	EA	2400/4800V Phase Failure Protection	3,399.80	32.20
16920-0606	EA	2400/4800V Ground Protection	6,551.20	16.10
16920-0607	EA	2400/4800V Synchronous Motor DC Protection	1,833.74	16.10
16920-0608	EA	2400/4800V Lightning Arresters	2,454.13	9.66
16920-0609	EA	2400/4800V Portable Lifting Mechanism	3,549.00	
16920-0610	EA	2400/4800V Auxiliary Timing Relay	650.08	32.20
16920-0611	EA	2400/4800V Auxiliary Control Relay	451.70	32.20
16920-0612 2400/4800V Motor Control Centers, Installation Hours <small>(16920-0499)</small>				
16920-0613	EA	Install Section 2400/4800V, 1 Section, 200 To 400 Amp	386.41	193.21
16920-0614	EA	Install Section 2400/4800V, 2 Section, 200 To 400 Amp	515.23	257.62
16920-0615	EA	Install Section 2400/4800V, 3 Section, 200 To 400 Amp	579.60	289.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16920-0616 EA Install Section 2400/4800V, 4 Section, 200 To 400 Amp	644.04	322.01
16920-0617 EA Install Section 2400/4800V, Bolt To Floor, 200 To 400 Amp	64.40	32.20
16920-0618 EA Install Section 2400/4800V, 1 Section, 600 To 800 Amp	450.83	225.41
16920-0619 EA Install Section 2400/4800V, 2 Section, 600 To 800 Amp	579.60	289.82
16920-0620 EA Install Section 2400/4800V, 3 Section, 600 To 800 Amp	644.04	322.01
16920-0621 EA Install Section 2400/4800V, 4 Section, 600 To 800 Amp	708.50	354.22
16920-0622 EA Install Section 2400/4800V, Bolt To Floor, 600 To 800 Amp	83.72	41.87
16920-0623 EA Install Section 2400/4800V, 1 Section, 1000/1200 Amp	515.23	257.62
16920-0624 EA Install Section 2400/4800V, 2 Section, 1000/1200 Amp	644.04	322.01
16920-0625 EA Install Section 2400/4800V, 3 Section, 1000/1200 Amp	708.50	354.22
16920-0626 EA Install Section 2400/4800V, 4 Section, 1000/1200 Amp	772.91	386.42
16920-0627 EA Install Section 2400/4800V, Bolt To Floor, 1000/1200 Amp	96.60	48.31

16921 Incoming Section (16900)

16921-0001 Incoming Section And Feeder Air Circuit Breakers (16921)

Note: 3 Pole. Includes structure.

16921-0002 EA Incoming Section MCC, Air Circuit Breaker, 70-100 A, 14000 Amp IC, 3-Pole, With Structure Included.....	789.19	193.02
16921-0003 EA Incoming Section MCC, Air Circuit Breaker, 125-225 A, 22000 Amp IC, 3-Pole, With Structure Included.....	1,367.31	341.66
16921-0004 EA Incoming Section MCC, Air Circuit Breaker, 125-400 A, 30000 Amp IC, 3-Pole, With Structure Included.....	1,623.29	437.47
16921-0005 EA Incoming Section MCC, Air Circuit Breaker, 125-600 A, 30000 Amp IC, 3-Pole, With Structure Included.....	2,613.35	704.45
16921-0006 EA Incoming Section MCC, Air Circuit Breaker, 125-1200 A, 30000 Amp IC, 3-Pole, With Structure Included.....	3,085.42	774.90
16921-0007 EA Incoming Section MCC, Air Circuit Breaker, 125-2000 A, 30000 Amp IC, 3-Pole, With Structure Included.....	4,032.10	859.44
16921-0008 EA Incoming Section MCC, Air Circuit Breaker, 125-400 A, 30000 Amp IC, 3-Pole, With Structure Included.....	4,689.96	1,007.37
16921-0009 EA Incoming Section MCC, Air Circuit Breaker, 125-400 A, 100000 Amp IC, 3-Pole, With Structure Included.....	8,321.40	1,173.63

16921-0010 Main Lugs Only (16921)

16921-0011 EA 600 Amp Incoming Section, Main Lugs.....	598.45	246.56
16921-0012 EA 800 Amp Incoming Section, Main Lugs.....	648.32	246.56
16921-0013 EA 1200 Amp Incoming Section, Main Lugs.....	901.24	387.45
16921-0014 EA 2000 Amp Incoming Section, Main Lugs.....	2,301.74	704.45
16921-0015 EA 3000 Amp Incoming Section, Main Lugs.....	3,513.72	1,021.46
16921-0016 EA 4000 Amp Incoming Section, Main Lugs.....	5,040.79	1,408.92

16921-0017 Incoming Main Circuit Breaker Structure (16921)

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

16921-0018 EA 225 A, Main Circuit Breaker Section	4,457.19	340.89
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0019 EA 400 A, Main Circuit Breaker Section	9,557.80	437.89
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0020 EA 600 A, Main Circuit Breaker Section	9,847.27	682.06
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0021 EA 800 A, Main Circuit Breaker Section	14,088.20	682.06
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0022 EA 1200 A, Main Circuit Breaker Section	20,463.63	771.73
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	

16921-0023 Incoming Fusible Main Disconnect Section (16921)

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

16921-0024 EA 200 A, Fusible Main Disconnect Section.....	3,854.96	341.31
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16921-0025 EA 400 A, Fusible Main Disconnect Section	5,333.81	438.10
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0026 EA 600 A, Fusible Main Disconnect Section	10,478.58	682.62
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0027 EA 800 A, Fusible Main Disconnect Section	12,218.29	682.62
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	
16921-0028 EA 1200 A, Fusible Main Disconnect Section	17,271.60	772.43
16MOD-0175 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0176 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0177 For NEMA 1 With Gaskets, Add	97.00	
16MOD-0178 For NEMA 12, Add	245.00	
16MOD-0179 For 20" Cabinet Depth, Add	108.00	

16922 Distribution Section (16900)

16922-0001 Circuit Breaker Combination Starters (16922)

16922-0002 Class I, Type A (16922-0001)

16922-0003 EA Size 1, Class I, Type A Circuit Breaker Combination Starter	666.06	143.01
16922-0004 EA Size 2, Class I, Type A Circuit Breaker Combination Starter	776.99	143.01
16922-0005 EA Size 3, Class I, Type A Circuit Breaker Combination Starter	1,132.60	202.88
16922-0006 EA Size 4, Class I, Type A Circuit Breaker Combination Starter	1,862.54	266.99
16922-0007 EA Size 5, Class I, Type A Circuit Breaker Combination Starter	3,378.65	333.91

16922-0008 Class I, Type B (16922-0001)

16922-0009 EA Size 1, Class I, Type B Circuit Breaker Combination Starter	633.62	124.69
16922-0010 EA Size 2, Class I, Type B Circuit Breaker Combination Starter	740.38	124.69
16922-0011 EA Size 3, Class I, Type B Circuit Breaker Combination Starter	1,089.00	180.34
16922-0012 EA Size 4, Class I, Type B Circuit Breaker Combination Starter	1,818.06	244.44
16922-0013 EA Size 5, Class I, Type B Circuit Breaker Combination Starter	3,342.78	312.07

16922-0014 Class I, Type C (16922-0001)

16922-0015 EA Size 1, Class I, Type C Circuit Breaker Combination Starter	672.58	115.53
16922-0016 EA Size 2, Class I, Type C Circuit Breaker Combination Starter	785.42	115.53
16922-0017 EA Size 3, Class I, Type C Circuit Breaker Combination Starter	1,170.57	172.59
16922-0018 EA Size 4, Class I, Type C Circuit Breaker Combination Starter	1,903.64	238.81
16922-0019 EA Size 5, Class I, Type C Circuit Breaker Combination Starter	3,423.49	306.44

16922-0020 Class II, Type B (16922-0001)

16922-0021 EA Size 1, Class II, Type B Circuit Breaker Combination Starter	660.81	171.18
16922-0022 EA Size 2, Class II, Type B Circuit Breaker Combination Starter	923.42	171.18
16922-0023 EA Size 3, Class II, Type B Circuit Breaker Combination Starter	1,315.27	228.24
16922-0024 EA Size 4, Class II, Type B Circuit Breaker Combination Starter	2,166.24	292.35
16922-0025 EA Size 5, Class II, Type B Circuit Breaker Combination Starter	3,948.52	357.16

16922-0026 Class II, Type C (16922-0001)

16922-0027 EA Size 1, Class II, Type C Circuit Breaker Combination Starter	835.85	162.03
16922-0028 EA Size 2, Class II, Type C Circuit Breaker Combination Starter	961.79	162.03
16922-0029 EA Size 3, Class II, Type C Circuit Breaker Combination Starter	1,400.55	221.20
16922-0030 EA Size 4, Class II, Type C Circuit Breaker Combination Starter	2,246.66	285.30
16922-0031 EA Size 5, Class II, Type C Circuit Breaker Combination Starter	4,038.86	352.23

16922-0032 Fused Disconnect Combination Starter (16922)

16922-0033 Class I, Type A (16922-0032)

16922-0034 EA Size 1, Class I, Type A Fused Disconnect Combination Starter	606.14	131.74
16922-0035 EA Size 2, Class I, Type A Fused Disconnect Combination Starter	917.60	180.34
16922-0036 EA Size 3, Class I, Type A Fused Disconnect Combination Starter	1,468.10	234.59
16922-0037 EA Size 4, Class I, Type A Fused Disconnect Combination Starter	2,006.71	328.99
16922-0038 EA Size 5, Class I, Type A Fused Disconnect Combination Starter	3,545.35	419.15

16922-0039 Class I, Type B (16922-0032)

16922-0040 EA Size 1, Class I, Type B Fused Disconnect Combination Starter	620.52	117.64
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16922-0041 EA Size 2, Class I, Type B Fused Disconnect Combination Starter	835.11	161.32
16922-0042 EA Size 3, Class I, Type B Fused Disconnect Combination Starter	1,239.92	215.57
16922-0043 EA Size 4, Class I, Type B Fused Disconnect Combination Starter	2,083.32	311.37
16922-0044 EA Size 5, Class I, Type B Fused Disconnect Combination Starter	3,612.35	395.90
16922-0045 Class I, Type C <small>(16922-0032)</small>		
16922-0046 EA Size 1, Class I, Type C Fused Disconnect Combination Starter	659.42	109.90
16922-0047 EA Size 2, Class I, Type C Fused Disconnect Combination Starter	885.88	149.34
16922-0048 EA Size 3, Class I, Type C Fused Disconnect Combination Starter	1,352.43	207.82
16922-0049 EA Size 4, Class I, Type C Fused Disconnect Combination Starter	2,195.17	306.44
16922-0050 EA Size 5, Class I, Type C Fused Disconnect Combination Starter	3,414.23	391.68
16922-0051 Class II, Type B <small>(16922-0032)</small>		
16922-0052 EA Size 1, Class II, Type B Fused Disconnect Combination Starter	779.54	164.84
16922-0053 EA Size 2, Class II, Type B Fused Disconnect Combination Starter	1,008.50	205.70
16922-0054 EA Size 3, Class II, Type B Fused Disconnect Combination Starter	1,468.55	264.88
16922-0055 EA Size 4, Class II, Type B Fused Disconnect Combination Starter	2,404.71	357.16
16922-0056 EA Size 5, Class II, Type B Fused Disconnect Combination Starter	4,155.35	445.92
16922-0057 Class II, Type C <small>(16922-0032)</small>		
16922-0058 EA Size 1, Class II, Type C Fused Disconnect Combination Starter	812.56	154.98
16922-0059 EA Size 2, Class II, Type C Fused Disconnect Combination Starter	1,059.03	194.43
16922-0060 EA Size 3, Class II, Type C Fused Disconnect Combination Starter	1,564.04	252.90
16922-0061 EA Size 4, Class II, Type C Fused Disconnect Combination Starter	2,505.95	348.71
16922-0062 EA Size 5, Class II, Type C Fused Disconnect Combination Starter	4,254.04	431.84
16922-0063 Space Complete With Bus And Hardware <small>(16922)</small>		
16922-0064 Circuit Breaker Type <small>(16922-0063)</small>		
16922-0065 EA Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	185.69	47.91
16922-0066 EA Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	185.69	47.91
16922-0067 EA Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	276.25	69.74
16922-0068 EA Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	325.66	91.58
16922-0069 EA Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	550.39	139.49
16922-0070 Fused Disconnect Type <small>(16922-0063)</small>		
16922-0071 EA Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	185.69	47.91
16922-0072 EA Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	244.58	69.74
16922-0073 EA Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	341.15	91.58
16922-0074 EA Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	593.64	139.49
16922-0075 EA Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	825.41	202.88
16922-0076 Blank Space For Future Expansion <small>(16922-0063)</small>		
Note: Factory modified no labor costs		
16922-0077 EA Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	90.24	
16922-0078 EA Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	90.24	
16922-0079 EA Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	136.81	
16922-0080 EA Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	136.81	
16922-0081 EA Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	272.17	
16922-0082 Structure Combination Of Starters To 72" High <small>(16922-0063)</small>		
16922-0083 EA Structure Combination Of Starters To 72" High	2,208.49	370.76
16922-0084 Motor Control Center Basic Distribution Section <small>(16922)</small>		
16922-0085 EA 20" Wide Basic Section With Vertical Wireway	3,613.97	965.53
16MOD-0180 For 20" Cabinet Depth, Add	108.00	
16MOD-0181 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0182 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0183 For 1600A Tin Plated Copper Bus, Add	402.00	
16MOD-0184 For 2000A Tin Plated Copper Bus, Add	506.00	
16MOD-0185 For NEMA 1 With Gasket, Add	97.00	
16MOD-0186 For NEMA 12, Add	245.00	
16MOD-0187 For 600A Tin Plated Copper Vertical, Add	210.00	
16922-0086 EA 25"-35" Wide Basic Section (No Vertical Wireway)	3,613.97	965.53
16MOD-0180 For 20" Cabinet Depth, Add	108.00	
16MOD-0181 For 800A Tin Plated Copper Bus, Add	182.00	
16MOD-0182 For 1200A Tin Plated Copper Bus, Add	334.00	
16MOD-0183 For 1600A Tin Plated Copper Bus, Add	402.00	
16MOD-0184 For 2000A Tin Plated Copper Bus, Add	506.00	
16MOD-0185 For NEMA 1 With Gasket, Add	97.00	
16MOD-0186 For NEMA 12, Add	245.00	
16MOD-0187 For 600A Tin Plated Copper Vertical, Add	210.00	



	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	16922-0087	EA 25" Wide Basic Section With 9" Wide Vertical Wireway	4,010.52	965.53
		16MOD-0180 For 20" Cabinet Depth, Add	108.00	
		16MOD-0181 For 800A Tin Plated Copper Bus, Add	182.00	
		16MOD-0182 For 1200A Tin Plated Copper Bus, Add	334.00	
		16MOD-0183 For 1600A Tin Plated Copper Bus, Add	402.00	
		16MOD-0184 For 2000A Tin Plated Copper Bus, Add	506.00	
		16MOD-0185 For NEMA 1 With Gasket, Add	97.00	
		16MOD-0186 For NEMA 12, Add	245.00	
		16MOD-0187 For 600A Tin Plated Copper Vertical, Add	210.00	
	16922-0088	EA Corner Section.....	4,010.52	965.53
		16MOD-0180 For 20" Cabinet Depth, Add	108.00	
		16MOD-0181 For 800A Tin Plated Copper Bus, Add	182.00	
		16MOD-0182 For 1200A Tin Plated Copper Bus, Add	334.00	
		16MOD-0183 For 1600A Tin Plated Copper Bus, Add	402.00	
		16MOD-0184 For 2000A Tin Plated Copper Bus, Add	506.00	
		16MOD-0185 For NEMA 1 With Gasket, Add	97.00	
		16MOD-0186 For NEMA 12, Add	245.00	
		16MOD-0187 For 600A Tin Plated Copper Vertical, Add	210.00	
	16922-0089	Motor Control Center Starters With HMCP Circuit Breaker <small>(16922)</small>		
		Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
	16922-0090	FVNR Starters With HMCP Circuit Breaker <small>(16922-0089)</small>		
	16922-0091	EA Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	961.19	135.61
	16922-0092	EA Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,069.97	150.41
	16922-0093	EA Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	1,866.94	202.18
	16922-0094	EA Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	2,713.37	266.57
	16922-0095	EA Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	6,241.62	333.14
	16922-0096	EA Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	14,689.50	333.14
	16922-0097	EA Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	974.44	117.29
	16922-0098	EA Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,099.04	132.09
	16922-0099	EA Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	1,914.19	180.34
	16922-0100	EA Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	2,719.66	244.44
	16922-0101	EA Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	6,257.04	315.60
	16922-0102	EA Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	14,795.83	315.60
	16922-0103	Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <small>(16922-0089)</small>		
	16922-0104	EA Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,549.19	169.71
	16922-0105	EA Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,904.77	187.73
	16922-0106	EA Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,150.76	252.33
	16922-0107	EA Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,440.85	333.56
	16922-0108	EA Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	9,863.67	417.32
	16922-0109	EA Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,578.70	146.53
	16922-0110	EA Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,950.65	165.20
	16922-0111	EA Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,213.95	225.77
	16922-0112	EA Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	5,461.07	305.73
	16922-0113	EA Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	9,894.55	394.85
	16922-0114	Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <small>(16922-0089)</small>		
	16922-0115	EA Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	1,700.81	169.71
	16922-0116	EA Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,431.37	187.73
	16922-0117	EA Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,609.27	252.33
	16922-0118	EA Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	6,278.76	333.56
	16922-0119	EA Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	12,638.16	417.32
	16922-0120	EA Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	1,730.31	146.53
	16922-0121	EA Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,477.24	165.20
	16922-0122	EA Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	4,672.46	225.77
	16922-0123	EA Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	6,298.98	305.73
	16922-0124	EA Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	12,669.05	394.85
	16922-0125	Motor Control Center Starters With Fusible Disconnect <small>(16922)</small>		
		Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
	16922-0126	FVNR Starters With Fusible Disconnect <small>(16922-0125)</small>		
	16922-0127	EA Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	770.82	132.23
	16922-0128	EA Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,003.27	179.70
	16922-0129	EA Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	1,686.34	234.17
	16922-0130	EA Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	2,856.97	329.83
	16922-0131	EA Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	5,790.29	419.29
	16922-0132	EA Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	14,810.18	419.29
	16922-0133	EA Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	790.08	117.22
	16922-0134	EA Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,031.51	160.96
	16922-0135	EA Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	1,740.58	215.85
	16922-0136	EA Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	2,872.42	312.28
	16922-0137	EA Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	5,795.49	396.68
	16922-0138	EA Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	14,906.36	396.68



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16922-0139 Two Speed 2-Winding (TS2W) With Fusible Disconnect (16922-0125)		
16922-0140 EA Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,340.78	165.55
16922-0141 EA Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,869.37	224.65
16922-0142 EA Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,905.77	292.56
16922-0143 EA Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	6,132.24	413.45
16922-0144 EA Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	10,015.86	483.82
16922-0145 EA Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,377.90	146.53
16922-0146 EA Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,913.16	201.05
16922-0147 EA Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,977.14	270.09
16922-0148 EA Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	6,160.48	389.64
16922-0149 EA Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	10,036.52	456.28

16922-0150 Two Speed 1-Winding (TS1W) With Fusible Disconnect (16922-0125)		
16922-0151 EA Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,569.20	165.55
16922-0152 EA Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,404.05	224.65
16922-0153 EA Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	4,379.44	292.56
16922-0154 EA Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	6,439.50	413.45
16922-0155 EA Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	12,226.36	483.82
16922-0156 EA Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,607.00	146.53
16922-0157 EA Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,447.84	201.05
16922-0158 EA Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	4,450.81	270.09
16922-0159 EA Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	6,467.75	389.64
16922-0160 EA Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	12,247.02	456.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16922-0161 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit (16922)		
Note: Per section. Labor is included in basic distribution section.		
16922-0162 EA 600 A Horizontal Tin Plated Copper Bus Kit.....	171.28	
16922-0163 EA 800 A Horizontal Tin Plated Copper Bus Kit.....	210.37	
16922-0164 EA 1200 A Horizontal Tin Plated Copper Bus Kit.....	252.98	
16922-0165 EA 1600 A Horizontal Tin Plated Copper Bus Kit.....	329.79	
16922-0166 EA 2000 A Horizontal Tin Plated Copper Bus Kit.....	554.33	
16922-0167 EA 1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit.....	97.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16922-0168 Disconnect Switch For Motor Control Centers (16922)		
16922-0169 3 Pole Circuit Breaker Disconnect For Motor Control Center (16922-0168)		
Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters)		
16922-0170 EA 150 A Rating, 15-100 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	597.96	101.80
16922-0171 EA 150 A Rating, 125-150 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,057.04	112.72
16922-0172 EA 225 A Rating, 70-225 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,287.25	151.81
16922-0173 EA 400 A Rating, 125-400 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	2,144.36	200.07
16922-0174 EA 600 A Rating, 300-600 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	3,720.37	250.08
16922-0175 EA 800 A Rating, 400-800 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,249.73	250.08
16922-0176 EA 1200 A Rating, 600-1200 A Trip Range, 3 Pole Circuit Breaker Disconnect.....	8,787.97	313.13

16922-0177 Fusible Disconnect Switch For Motor Control Center (16922-0168)		
Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters)		
16922-0178 EA 30 A Switch Rating, Fusible Disconnect Switch With 30 A Fuse Clips.....	531.50	98.98
16922-0179 EA 60 A Switch Rating, Fusible Disconnect Switch With 60 A Fuse Clips.....	623.58	134.91
16922-0180 EA 100 A Switch Rating, Fusible Disconnect Switch With 100 A Fuse Clips.....	856.63	172.59
16922-0181 EA 200 A Switch Rating, Fusible Disconnect Switch With 200 A Fuse Clips.....	1,609.41	247.26
16922-0182 EA 400 A Switch Rating, Fusible Disconnect Switch With 400 A Fuse Clips.....	2,879.91	314.47
16922-0183 EA 600 A Switch Rating, Fusible Disconnect Switch With 600 A Fuse Clips.....	6,680.32	314.47
16922-0184 EA 800 A Switch Rating, Fusible Disconnect Switch With 800 A Fuse Clips.....	8,257.67	393.09
16922-0185 EA 1200 A Switch Rating, Fusible Disconnect Switch With 1200 A Fuse Clips.....	12,235.96	393.09

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16923 Factory Installed Accessories (16900)		
16923-0001 Control Circuit Transformer (16923)		
16923-0002 EA Control Circuit Transformer, Size 1 Factory Installed.....	48.14	
16923-0003 EA Control Circuit Transformer, Size 2 Factory Installed.....	48.14	
16923-0004 EA Control Circuit Transformer, Size 3 Factory Installed.....	92.72	
16923-0005 EA Control Circuit Transformer, Size 4 Factory Installed.....	92.72	
16923-0006 EA Control Circuit Transformer, Size 5 Factory Installed.....	128.81	
16923-0007 EA Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay.....	34.16	7.98

16923-0008 Cover Mounted Control Devices (16923)		
16923-0009 EA Control Device, 2 Unit Push Button Station Cover Mounted.....	77.50	14.09
16923-0010 EA Control Device, 2-3 Unit Selector Switch Cover Mounted.....	86.62	14.09
16923-0011 EA Control Device, Pilot Light Cover Mounted.....	73.70	14.09
16923-0012 EA Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light.....	196.08	47.91



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16923-0013 EA Auxiliary Contact Add Per Starter	243.74	18.25
16923-0014 Extra Interlocks <small>(16923)</small>		
Note: Per contact		
16923-0015 EA Extra Interlocks, Class I, Type A Per Contact	50.17	9.15
16923-0016 EA Extra Interlocks, Class I, Type B Per Contact	70.30	9.15
16923-0017 EA Extra Interlocks, Class I, Type C Per Contact	78.73	9.15
16923-0018 EA Extra Interlocks, Class II, Type B Per Contact	71.03	9.15
16923-0019 EA Extra Interlocks, Class II, Type C Per Contact	75.48	9.15
16923-0020 Special Cabinet Provisions <small>(16923)</small>		
16923-0021 EA Provisions For Bus Duct Entrance Special Cabinet Provisions.....	602.67	
16923-0022 Nameplate Requirements <small>(16923)</small>		
16923-0023 EA Special Cabinet Nameplate Requirements	21.40	
16923-0024 Auxiliary Relays <small>(16923)</small>		
16923-0025 EA Industrial Control Relay, 10 Amp Class A600 With 2 Contacts.....	114.54	17.65
16923-0026 EA Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	108.10	15.88
16923-0027 EA General Purpose Control Relay 240 VAC, 10 A, With Base	60.05	15.88
16923-0028 Motor Control Center Accessories <small>(16923)</small>		
16923-0029 Lighting Transformer With Circuit Breaker <small>(16923-0028)</small>		
Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
16923-0030 EA 1 Phase, 5 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	3,364.36	181.10
16923-0031 EA 1 Phase, 7.5 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	3,555.80	216.95
16923-0032 EA 1 Phase, 10 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	3,931.23	253.17
16923-0033 EA 1 Phase, 15 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	4,949.72	271.64
16923-0034 EA 1 Phase, 25 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	6,740.40	326.41
16923-0035 EA 1 Phase, 37.5 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	8,339.99	398.41
16923-0036 EA 1 Phase, 50 KVA, 120/240 V Secondary Lighting Transformer With Circuit Breaker	10,996.08	471.29
16923-0037 EA 3 Phase, 10 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	6,262.62	289.76
16923-0038 EA 3 Phase, 15 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	6,897.05	362.20
16923-0039 EA 3 Phase, 25 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	7,882.19	399.86
16923-0040 EA 3 Phase, 30 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	8,353.27	434.99
16923-0041 EA 3 Phase, 37.5 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	10,069.88	471.29
16923-0042 EA 3 Phase, 45 KVA, 120/208 V Secondary Lighting Transformer With Circuit Breaker	10,460.08	544.74
16923-0043 Bolt-On Lighting Panel <small>(16923-0028)</small>		
Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
16923-0044 EA 18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 V	1,386.98	366.60
16923-0045 EA 30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 V	2,145.43	638.10
16923-0046 EA 42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 V	2,847.22	863.31
16923-0047 EA 18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 V	1,447.09	396.68
16923-0048 EA 30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 V	2,118.28	624.50
16923-0049 EA 42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 V	2,955.13	917.28
16923-0050 EA 18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 V	2,390.74	425.21
16923-0051 EA 30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 V	3,153.22	682.62
16923-0052 EA 42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 V	3,923.42	917.28
16923-0053 EA 18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 V	2,457.63	458.60
16923-0054 EA 30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 V	3,153.22	682.62
16923-0055 EA 42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 V	3,982.60	946.86
16923-0056 Factory Installed Bolt-On Branch Circuit Breaker <small>(16923-0028)</small>		
Note: For MCC lighting panel only		
16923-0057 EA 15 A / 1 Pole - 30 A / 1 Pole Bolt-On Branch Circuit Breaker	15.82	
16923-0058 EA 15 A / 1 Pole - 30 A / 1 Pole (GFI) Bolt-On Branch Circuit Breaker	185.73	
16923-0059 EA 15 A / 2 Pole - 50 A / 2 Pole Bolt-On Branch Circuit Breaker	30.92	
16923-0060 EA 60 A / 2 Pole - 100 A / 2 Pole Bolt-On Branch Circuit Breaker	71.18	
16923-0061 EA 15 A / 3 Pole - 50 A / 3 Pole Bolt-On Branch Circuit Breaker	83.40	
16923-0062 EA 60 A / 3 Pole - 100 A / 3 Pole Bolt-On Branch Circuit Breaker	126.54	
16923-0063 Blank Unit Door (BUD) <small>(16923-0028)</small>		
Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
16923-0064 EA 6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	49.53	
16923-0065 EA 12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	59.43	
16923-0066 EA 18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	89.15	
16923-0067 EA 24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	118.87	
16923-0068 EA 30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	178.30	
16923-0069 EA 48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	208.02	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

16923-0070 EA 72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure237.74

16930 Lighting Control Equipment (16900)

16930-0001 Lighting Contactor (16930)

Note: 600 Volt class. Ampere ratings at 120 V, 240 V or 480 V

16930-0002 Electrically Held (16930-0001)

16930-0003 2-Pole With NEMA I Enclosure (16930-0002)

16930-0004	EA Lighting Contactor, 2-Pole, 20 Amp Electrically Held, NEMA 1, 600 Volt Class	290.17	73.40
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	143.40	
	16MOD-0189 For NEMA 4, Enclosure, Add	143.40	
16930-0005	EA Lighting Contactor, 2-Pole, 30 Amp Electrically Held, NEMA 1, 600 Volt Class	384.55	91.58
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	201.10	
	16MOD-0189 For NEMA 4, Enclosure, Add	201.10	
16930-0006	EA Lighting Contactor, 2-Pole, 60 Amp Electrically Held, NEMA 1, 600 Volt Class	631.81	106.37
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	414.39	
	16MOD-0189 For NEMA 4, Enclosure, Add	414.39	
16930-0007	EA Lighting Contactor, 2-Pole, 100 Amp Electrically Held, NEMA 1, 600 Volt Class	937.78	127.51
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	682.54	
	16MOD-0189 For NEMA 4, Enclosure, Add	682.54	
16930-0008	EA Lighting Contactor, 2-Pole, 200 Amp Electrically Held, NEMA 1, 600 Volt Class	2,000.17	195.84
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	1,608.80	
	16MOD-0189 For NEMA 4, Enclosure, Add	1,608.80	

16930-0009 3-Pole With NEMA I Enclosure (16930-0002)

16930-0010	EA Lighting Contactor, 3-Pole, 30 Amp Electrically Held, NEMA 1, 600 Volt Class	421.81	100.74
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	219.38	
	16MOD-0189 For NEMA 4, Enclosure, Add	219.38	
16930-0011	EA Lighting Contactor, 3-Pole, 60 Amp Electrically Held, NEMA 1, 600 Volt Class	694.00	127.51
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	438.76	
	16MOD-0189 For NEMA 4, Enclosure, Add	438.76	
16930-0012	EA Lighting Contactor, 3-Pole, 100 Amp Electrically Held, NEMA 1, 600 Volt Class	1,024.78	146.53
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	731.26	
	16MOD-0189 For NEMA 4, Enclosure, Add	731.26	
16930-0013	EA Lighting Contactor, 3-Pole, 200 Amp Electrically Held, NEMA 1, 600 Volt Class	2,074.76	225.42
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	1,623.18	
	16MOD-0189 For NEMA 4, Enclosure, Add	1,623.18	

16930-0014 4-Pole With NEMA I Enclosure (16930-0002)

16930-0015	EA Lighting Contactor, 4-Pole, 30 Amp Electrically Held, NEMA 1, 600 Volt Class	485.55	106.37
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	268.13	
	16MOD-0189 For NEMA 4, Enclosure, Add	268.13	
16930-0016	EA Lighting Contactor, 4-Pole, 60 Amp Electrically Held, NEMA 1, 600 Volt Class	841.97	146.53
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	548.45	
	16MOD-0189 For NEMA 4, Enclosure, Add	548.45	
16930-0017	EA Lighting Contactor, 4-Pole, 100 Amp Electrically Held, NEMA 1, 600 Volt Class	1,228.05	162.73
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	901.91	
	16MOD-0189 For NEMA 4, Enclosure, Add	901.91	
16930-0018	EA Lighting Contactor, 4-Pole, 200 Amp Electrically Held, NEMA 1, 600 Volt Class	2,780.53	244.44
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	2,291.32	
	16MOD-0189 For NEMA 4, Enclosure, Add	2,291.32	

16930-0019 Mechanically Held (16930-0001)

16930-0020 2-Pole With NEMA I Enclosure (16930-0019)

16930-0021	EA Lighting Contactor, 2-Pole, 30 Amp Mechanically Held, NEMA 1, 600 Volt Class	516.26	100.74
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	313.83	
	16MOD-0189 For NEMA 4, Enclosure, Add	313.83	
16930-0022	EA Lighting Contactor, 2-Pole, 60 Amp Mechanically Held, NEMA 1, 600 Volt Class	878.37	122.57
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	633.77	
	16MOD-0189 For NEMA 4, Enclosure, Add	633.77	
16930-0023	EA Lighting Contactor, 2-Pole, 100 Amp Mechanically Held, NEMA 1, 600 Volt Class	1,169.26	139.49
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	889.71	
	16MOD-0189 For NEMA 4, Enclosure, Add	889.71	
16930-0024	EA Lighting Contactor, 2-Pole, 200 Amp Mechanically Held, NEMA 1, 600 Volt Class	2,730.71	225.42
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	2,279.13	
	16MOD-0189 For NEMA 4, Enclosure, Add	2,279.13	

16930-0025 3-Pole With NEMA I Enclosure (16930-0019)

16930-0026	EA Lighting Contactor, 3-Pole, 30 Amp Mechanically Held, NEMA 1, 600 Volt Class	534.56	100.74
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	332.13	
	16MOD-0189 For NEMA 4, Enclosure, Add	332.13	
16930-0027	EA Lighting Contactor, 3-Pole, 60 Amp Mechanically Held, NEMA 1, 600 Volt Class	937.69	122.57
	16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add	658.14	
	16MOD-0189 For NEMA 4, Enclosure, Add	658.14	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16930-0028 EA Lighting Contactor, 3-Pole, 100 Amp Mechanically Held, NEMA 1, 600 Volt Class..... 16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add 16MOD-0189 For NEMA 4, Enclosure, Add	1,264.60 938.46 938.46	162.73
16930-0029 EA Lighting Contactor, 3-Pole, 200 Amp Mechanically Held, NEMA 1, 600 Volt Class..... 16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add 16MOD-0189 For NEMA 4, Enclosure, Add	3,060.84 2,571.63 2,571.63	244.44
16930-0030 4-Pole With NEMA I Enclosure (16930-0019)		
16930-0031 EA Lighting Contactor, 4-Pole, 30 Amp Mechanically Held, NEMA 1, 600 Volt Class..... 16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add 16MOD-0189 For NEMA 4, Enclosure, Add	595.00 350.40 350.40	122.57
16930-0032 EA Lighting Contactor, 4-Pole, 60 Amp Mechanically Held, NEMA 1, 600 Volt Class..... 16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add 16MOD-0189 For NEMA 4, Enclosure, Add	1,106.16 780.02 780.02	162.73
16930-0033 EA Lighting Contactor, 4-Pole, 100 Amp Mechanically Held, NEMA 1, 600 Volt Class..... 16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add 16MOD-0189 For NEMA 4, Enclosure, Add	1,488.20 1,121.29 1,121.29	183.86
16930-0034 EA Lighting Contactor, 4-Pole, 200 Amp Mechanically Held, NEMA 1, 600 Volt Class..... 16MOD-0188 For Combination Type Lighting Contactor And Over Current Protection, Add 16MOD-0189 For NEMA 4, Enclosure, Add	3,731.52 3,144.47 3,144.47	293.05
16930-0035 Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket (16930)		
16930-0036 EA Photo-Cell, 105-130 Volt Relay, Lighting Arrester, Receptacle And Bracket.....	86.60	18.32
16930-0037 EA Photo-Cell, 105-285 Volt Relay, Lighting Arrester, Receptacle And Bracket.....	94.87	18.32
16930-0038 Dimming Lighting Control (16930) See CSI section 16502-0000 for ballasts.		
16930-0039 EA 120 V, 2000 W, Dimming Control Module , "Hi-Power".....	553.63	70.45
16930-0040 EA 277 V, 2000 W, Dimming Control Module , "Hi-Power".....	553.63	70.45
16930-0041 EA 120 V, 4000 W, Dimming Control Module , "Hi-Power".....	760.00	70.45
16930-0042 EA 277 V, 4000 W, Dimming Control Module , "Hi-Power".....	760.00	70.45
16930-0043 EA 120 V, 6000 W, Dimming Control Module , "Hi-Power".....	966.38	70.45
16930-0044 EA 277 V, 6000 W, Dimming Control Module , "Hi-Power".....	966.38	70.45
16930-0045 EA Multi-Location, Wall Box Dimmer Interface/Controller, Micro-Watt	462.83	70.45
16930-0046 EA Lighting Control Console	1,284.46	105.67
16930-0047 Light Control Panels (16930)		
16930-0048 Power Filters (16930-0047)		
16930-0049 EA 600 Amp 480/277 V 4 Conductor Power Filter With 80" X 60" X 17"	25,938.18	587.03
16930-0050 EA 200 Amp 480/277 V 4 Conductor Power Filter With 25" X 40" X 17"	15,368.92	255.22
16930-0051 Signal Filters (16930-0047)		
16930-0052 EA 0.5 Amp 125 V 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case.....	11,798.46	533.70
16930-0053 EA 0.5 Amp 125 V 200 Conductor Signal Filter With 29" X 40" X 11" Case.....	8,081.51	326.17
16930-0054 EA 0.5 Amp 125 V 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	4,506.09	189.36
16930-0055 EA 5 Amp 24 V DC 5 V 2 - 1 Pair Conductor Signal Filter With Case	6,157.03	189.36
16930-0056 Radio Controlled Devices (16930)		
16930-0057 Tabletop Transmitters For Radio Controlled Devices (16930-0056)		
16930-0058 Switched Lighting Controls, Tabletop Wireless Transmitter (16930-0057)		
16930-0059 EA One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH).....	240.01	10.59
16930-0060 EA Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH).....	311.16	10.59
16930-0061 EA Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH).....	391.21	10.59
16930-0062 Dimmable Lighting Controls, Tabletop Wireless Transmitter (16930-0057)		
16930-0063 EA One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	240.01	10.59
16930-0064 EA Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	284.48	10.59
16930-0065 EA Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH).....	391.21	10.59
16930-0066 EA One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH).....	240.01	10.59
16930-0067 EA Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH).....	311.16	10.59
16930-0068 EA Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH).....	391.21	10.59
16930-0069 Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter (16930-0057)		
16930-0070 EA One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	311.16	10.59
16930-0071 EA Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH).....	391.21	10.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16930-0072 EA One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH).....	391.21	10.59
16930-0073 Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter (16930-0057)		
16930-0074 EA One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH).....	240.01	10.59
16930-0075 EA Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH).....	311.16	10.59
16930-0076 EA One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH).....	284.48	10.59
16930-0077 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH).....	346.74	10.59
16930-0078 EA One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH).....	311.16	10.59
16930-0079 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH).....	373.42	10.59
16930-0080 EA One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH).....	311.16	10.59
16930-0081 Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter (16930-0057)		
16930-0082 EA One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH).....	240.01	10.59
16930-0083 EA Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH).....	311.16	10.59
16930-0084 EA One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH).....	311.16	10.59
16930-0085 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH).....	391.21	10.59
16930-0086 EA One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH).....	311.16	10.59
16930-0087 EA One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH).....	391.21	10.59
16930-0088 Output Switch Closure Controls, Tabletop Wireless Transmitter (16930-0057)		
16930-0089 EA Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH).....	240.01	10.59
16930-0090 EA Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH).....	311.16	10.59
16930-0091 EA Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH).....	391.21	10.59
16930-0092 Accessories For Tabletop Wireless Transmitter (16930-0057)		
16930-0093 EA Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH).....	53.23	10.59
16930-0094 Wall Box Transmitters For Radio Controlled Devices (16930-0056)		
16930-0095 EA On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH).....	222.22	10.59
16930-0096 EA Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH).....	240.01	10.59
16930-0097 EA Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH).....	240.01	10.59
16930-0098 EA Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH).....	240.01	10.59
16930-0099 EA Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH).....	240.01	10.59
16930-0100 EA Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH).....	240.01	10.59
16930-0101 Interfaces For Radio Controlled Devices (16930-0056)		
16930-0102 EA Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	222.22	10.59
16930-0103 EA Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	222.22	10.59
16930-0104 EA Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000).....	222.22	10.59
16930-0105 EA Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8).....	448.14	10.59
16930-0106 EA RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232).....	640.25	10.59
16930-0107 EA Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI).....	640.25	10.59
16930-0108 Fluorescent Controllers For Radio Controlled Devices (16930-0056)		
16930-0109 EA On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW).....	284.48	10.59
16930-0110 EA Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F).....	320.06	10.59
16930-0111 EA Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC).....	373.42	10.59
16930-0112 AC Motor Group Controllers For Radio Controlled Devices (16930-0056)		
16930-0113 EA Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC).....	417.89	10.59
16930-0114 EA Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC).....	573.55	10.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933 Occupancy Sensors <small>(16900)</small>		
16933-0001 Occupancy Sensors (Watt Stopper) <small>(16933)</small> Note: Includes testing of new devices and certification.		
16933-0002 Occupancy Sensors <small>(16933-0001)</small> Note: Exclude boxes.		
16933-0003 Wall Switch Mounted Occupancy Sensors <small>(16933-0002)</small>		
16933-0004 Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(16933-0003)</small>		
16933-0005 EA Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100).....	91.72	7.06
16933-0006 EA Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	108.47	7.06
16933-0007 Passive Infrared, Wall Switch Mounted Occupancy Sensors <small>(16933-0003)</small>		
16933-0008 EA Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	67.02	7.06
16933-0009 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	67.02	7.06
16933-0010 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	74.08	7.06
16933-0011 EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WI-200).....	88.19	7.06
16933-0012 EA Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200).....	89.95	7.06
16933-0013 EA Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	91.72	7.06
16933-0014 Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(16933-0003)</small>		
16933-0015 EA Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100).....	119.06	7.06
16933-0016 EA Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	136.69	7.06
16933-0017 Wall Switch Mounted Occupancy Sensor Accessories <small>(16933-0003)</small>		
16933-0018 EA Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP).....	4.59	1.77
16933-0019 EA One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	5.73	1.77
16933-0020 EA Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	5.73	1.77
16933-0021 Ceiling Mounted Occupancy Sensors <small>(16933-0002)</small>		
16933-0022 Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(16933-0021)</small>		
16933-0023 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(16933-0022)</small>		
16933-0024 EA 500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	118.20	15.88
16933-0025 EA 1000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	136.72	15.88
16933-0026 EA 2000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2000A)	154.35	15.88
16933-0027 EA 90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	154.35	15.88
16933-0028 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(16933-0022)</small>		
16933-0029 EA 600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	126.13	15.88
16933-0030 EA 1100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	143.77	15.88
16933-0031 EA 2205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	161.41	15.88
16933-0032 EA 90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255).....	161.41	15.88
16933-0033 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(16933-0022)</small>		
16933-0034 EA 600 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-605).....	123.49	15.88
16933-0035 EA 1100 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-1105).....	141.13	15.88
16933-0036 EA 2200 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2205).....	158.76	15.88
16933-0037 EA 90 LF Hallway Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2255).....	158.76	15.88
16933-0038 EA 600 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600).....	133.19	15.88
16933-0039 EA 1100 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100).....	150.83	15.88
16933-0040 EA 2200 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200).....	169.35	15.88
16933-0041 EA 90 LF Hallway Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250).....	169.35	15.88
16933-0042 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(16933-0022)</small>		
16933-0043 EA 500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1).....	133.19	15.88
16933-0044 EA 1000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2).....	150.83	15.88
16933-0045 EA 2000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3).....	169.35	15.88

16000 Electrical
16900 Controls And Instrumentation
16933 Occupancy Sensors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0046	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1).....	126.13	15.88
16933-0047	EA	1000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2).....	143.77	15.88
16933-0048	EA	2000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3).....	161.41	15.88
16933-0049	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1).....	126.13	15.88
16933-0050	EA	1000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2).....	143.77	15.88
16933-0051	EA	2000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3).....	161.41	15.88
16933-0052		Passive Infrared, Ceiling Mounted Occupancy Sensors (16933-0021)		
16933-0053	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR).....	97.03	15.88
16933-0054	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24).....	99.68	15.88
16933-0055	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205).....	111.14	15.88
16933-0056	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355).....	116.43	15.88
16933-0057	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305).....	116.43	15.88
16933-0058	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200).....	127.90	15.88
16933-0059	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300).....	131.42	15.88
16933-0060		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors (16933-0021)		
16933-0061	EA	1000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355).....	166.70	15.88
16933-0062	EA	1000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300).....	185.22	15.88
16933-0063	EA	1000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305).....	185.22	15.88
16933-0064		Ceiling/Wall Mounted Occupancy Sensors (16933-0002)		
16933-0065		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors (16933-0064)		
16933-0066	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3).....	185.22	15.88
16933-0067	EA	2000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100).....	185.22	15.88
16933-0068		Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors (16933-0064)		
16933-0069	EA	2000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200).....	185.22	15.88
16933-0070		Occupancy Sensor Power Packs (16933-0001)		
16933-0071		Single Voltage, Occupancy Sensor Power Packs (16933-0070)		
16933-0072	EA	220-240 VAC, 20A, Occupancy Sensor Power Pack (Watt Stopper B230E-P).....	55.57	14.11
16933-0073	EA	347 VAC, 15A, Occupancy Sensor Power Pack (Watt Stopper B347D-P).....	55.57	14.11
16933-0074		Auxiliary, Occupancy Sensor Power Packs (16933-0070)		
16933-0075	EA	120, 277 Or 347 VAC, 20 A, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P).....	50.28	14.11
16933-0076		Universal Voltage, Power Packs For Occupancy Sensors (16933-0070)		
16933-0077	EA	120/277 VAC, 20A, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100).....	62.62	14.11
16933-0078		Form C, Occupancy Sensor Power Packs (16933-0070)		
16933-0079	EA	120 VAC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P).....	60.86	14.11
16933-0080	EA	277 VAC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P).....	60.86	14.11
16933-0081		Two Relay, Occupancy Sensor Power Packs (16933-0070)		
16933-0082	EA	120 VAC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P).....	75.85	14.11
16933-0083	EA	277 VAC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P).....	75.85	14.11
16933-0084		Occupancy Sensor Power Supplies (16933-0070)		
16933-0085	EA	120 VAC, Occupancy Sensor Power Supply (Watt Stopper AT-120).....	146.40	14.11
16933-0086	EA	277 VAC, Occupancy Sensor Power Supply (Watt Stopper AT-277).....	146.40	14.11
16933-0087		Intelligent, Occupancy Sensor Power Packs (16933-0070)		
16933-0088	EA	120/277 VAC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100).....	222.25	14.11



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0089		DIN Rail Mounted, Occupancy Sensor Power Packs <small>(16933-0070)</small>		
16933-0090	EA	120/230/277 VAC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100).....	65.27	14.11
16933-0091		Occupancy Sensor Accessories <small>(16933-0001)</small>		
16933-0092		Protective Cages For Occupancy Sensors <small>(16933-0091)</small>		
16933-0093	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC).....	39.69	5.29
16933-0094		Mounting Brackets For Occupancy Sensors <small>(16933-0091)</small>		
16933-0095	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB)..... Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	29.11	8.82
16933-0096		Occupancy/Lighting Logger <small>(16933-0091)</small>		
16933-0097	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)..... Note: Logs when a space is occupied/vacant and when lighting is on/off.	298.98	30.00
16933-0098		Remove And Reinstall Occupancy Sensors <small>(16933-0091)</small>		
16933-0099	EA	Remove And Reinstall Surface Mounted Occupancy Sensor..... Note: Includes storing and cleaning.	47.65	
16933-0100	EA	Remove And Reinstall Wall Switch Mounted Occupancy Sensor..... Note: Includes storing and cleaning.	21.18	
16933-0101		Digital Time Light Switches <small>(16933-0001)</small>		
16933-0102	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400).....	65.26	7.06
16933-0103		Daylight Sensing Light Switches <small>(16933-0001)</small>		
16933-0104	EA	User Adjustable Light Level Settings, Daylight Sensing Light Switch (Watt Stopper LS-100).....	88.19	7.06
16933-0105		Occupancy Sensors (Sensor Switch) <small>(16933)</small>		
		Note: Includes testing of new devices and certification.		
16933-0106		Occupancy Sensors (Sensor Switch) <small>(16933-0105)</small>		
		Note: Exclude boxes		
16933-0107		Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(16933-0106)</small>		
16933-0108		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(16933-0107)</small>		
16933-0109	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV).....	96.61	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
16933-0110	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL).....	69.11	7.06
16933-0111	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD).....	66.09	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0112	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA).....	66.09	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0113	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P).....	82.86	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0114	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS).....	82.86	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0115	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P).....	100.05	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0116	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD).....	82.86	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0117		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(16933-0107)</small>		
		Note: Includes passive infrared and microphonics detection		
16933-0118	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV).....	124.11	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
16933-0119	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL).....	96.61	7.06
16933-0120	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT).....	94.55	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0121	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA).....	94.55	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0122	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P).....	110.36	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0123	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT).....	110.36	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0124	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P).....	118.61	7.06
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
16933-0125		Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) (16933-0107)		
16933-0126	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX).....	9.03	1.77
16933-0127	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX).....	9.03	1.77
16933-0128	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3).....	17.28	1.77
16933-0129	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3).....	17.28	1.77
16933-0130		360 Degree View Occupancy Sensors (Sensor Switch) (16933-0106)		
16933-0131		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) (16933-0130)		
		Note: One photocell or dimming option per occupancy sensor		
16933-0132	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9).....	114.27	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photocell Option With Dimming Capability, Add	18.75	
16933-0133	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9).....	114.27	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photocell Option With Dimming Capability, Add	18.75	
16933-0134	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9).....	114.27	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photocell Option With Dimming Capability, Add	18.75	
16933-0135	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9).....	121.15	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photocell Option With Dimming Capability, Add	18.75	
16933-0136	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9).....	121.15	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photocell Option With Dimming Capability, Add	18.75	
16933-0137	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9).....	99.15	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photocell Option With Dimming Capability, Add	18.75	
16933-0138	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P).....	148.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photocell Option With Dual Zone On/Off, Add	18.75	
16933-0139	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P).....	148.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photocell Option With Dual Zone On/Off, Add	18.75	
16933-0140	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P).....	126.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photocell Option With Dual Zone On/Off, Add	18.75	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0141	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	114.27	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270	For Low Voltage Relay Option, Add	7.50	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0142	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	114.27	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270	For Low Voltage Relay Option, Add	7.50	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0143	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	114.27	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270	For Low Voltage Relay Option, Add	7.50	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0144	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	121.15	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0145	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	121.15	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0146	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	99.15	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0147	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	148.65	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0276	For Photocell Option With Dual Zone On/Off, Add	18.75	
16933-0148	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	148.65	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0276	For Photocell Option With Dual Zone On/Off, Add	18.75	
16933-0149	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	126.65	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0276	For Photocell Option With Dual Zone On/Off, Add	18.75	
16933-0150	Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) <small>(16933-0130)</small>			
	Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection			
16933-0151	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	141.77	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270	For Low Voltage Relay Option, Add	7.50	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0152	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	141.77	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270	For Low Voltage Relay Option, Add	7.50	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0153	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	141.77	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270	For Low Voltage Relay Option, Add	7.50	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	
16933-0154	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	134.89	15.88
	16MOD-0268	For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271	For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0275	For Occupancy Controlled Dimming Option, Add	12.50	
	16MOD-0278	For Photocell Option With Dimming Capability, Add	18.75	

16000 Electrical
16900 Controls And Instrumentation
16933 Occupancy Sensors



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0155	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9).....	134.89	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0156	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9).....	112.89	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0157	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P).....	162.39	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photozell Option With Dual Zone On/Off, Add	18.75	
16933-0158	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P).....	162.39	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photozell Option With Dual Zone On/Off, Add	18.75	
16933-0159	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P).....	140.39	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photozell Option With Dual Zone On/Off, Add	18.75	
16933-0160	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10).....	141.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0161	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10).....	141.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0162	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10).....	141.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0163	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10).....	134.89	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0164	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10).....	134.89	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0165	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10).....	112.89	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
		16MOD-0278 For Photozell Option With Dimming Capability, Add	18.75	
16933-0166	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P).....	162.39	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photozell Option With Dual Zone On/Off, Add	18.75	
16933-0167	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P).....	162.39	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photozell Option With Dual Zone On/Off, Add	18.75	
16933-0168	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P).....	140.39	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0271 For Photozell (Inhibit Mode Only) Option, Add	7.50	
		16MOD-0276 For Photozell Option With Dual Zone On/Off, Add	18.75	
16933-0169		Wide View And Hallway Occupancy Sensors (Sensor Switch) ⁽¹⁶⁹³³⁻⁰¹⁰⁶⁾		
16933-0170		Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) ⁽¹⁶⁹³³⁻⁰¹⁶⁹⁾		



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0171	EA Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	114.27	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0172	EA Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13).....	128.02	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0173	EA Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13).....	155.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0174	EA Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16).....	148.65	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0175	EA 2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	176.15	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0176	Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(16933-0189)</small>		
	Note: Includes passive infrared and microphonics detection		
16933-0177	EA Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16).....	141.77	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0178	EA Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16).....	162.39	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0179	EA 2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P).....	189.89	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0271 For Photocell (Inhibit Mode Only) Option, Add	7.50	
	16MOD-0273 For Ceiling Mount, Add	12.50	
16933-0180	High Bay Occupancy Sensors (Sensor Switch) <small>(16933-0106)</small>		
16933-0181	Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) <small>(16933-0180)</small>		
16933-0182	EA Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6).....	114.27	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0274 For Photocell Option, Add	12.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0183	EA Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6).....	114.27	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0274 For Photocell Option, Add	12.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0184	EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6).....	114.27	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0274 For Photocell Option, Add	12.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0185	EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6).....	99.15	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0269 For Start To High, HID Option, Add	7.50	
	16MOD-0274 For Photocell Option, Add	12.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0186	EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6).....	99.15	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0269 For Start To High, HID Option, Add	7.50	
	16MOD-0274 For Photocell Option, Add	12.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0187	EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6).....	99.15	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0269 For Start To High, HID Option, Add	7.50	
	16MOD-0274 For Photocell Option, Add	12.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0188	EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P).....	126.65	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0274 For Photocell Option, Add	12.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0189	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	126.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0190	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	126.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0191	EA	208/240 VAC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	108.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0192	EA	208/240 VAC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	108.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0193	EA	208/240 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	108.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0194	EA	480 VAC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	108.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0195	EA	480 VAC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	108.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0196	EA	480 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	108.77	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0197	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	128.02	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0198	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	128.02	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0199	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	128.02	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0270 For Low Voltage Relay Option, Add	7.50	
		16MOD-0274 For Photocell Option, Add	12.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0200	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	154.15	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0269 For Start To High, HID Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0201	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	154.15	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0269 For Start To High, HID Option, Add	7.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0202	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	154.15	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0269 For Start To High, HID Option, Add	7.50	
		16MOD-0274 For Photocell Option, Add	12.50	
		16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0203	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	136.27	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0204	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	136.27	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0205	EA	208/240 VAC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	115.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0206	EA	208/240 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	115.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	
16933-0207	EA	480 VAC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	115.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0208	EA	480 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	115.65	15.88
		16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
		16MOD-0274 For Photocell Option, Add	12.50	



MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0209	EA Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	128.02	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0210	EA Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	128.02	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0270 For Low Voltage Relay Option, Add	7.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0211	EA Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	154.15	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0269 For Start To High, HID Option, Add	7.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0212	EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	154.15	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0269 For Start To High, HID Option, Add	7.50	
	16MOD-0275 For Occupancy Controlled Dimming Option, Add	12.50	
16933-0213	EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	148.65	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0214	EA 480 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	134.89	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0215	EA 208/240 VAC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	134.89	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0216	Occupancy Sensor Power Packs (Sensor Switch) <small>(16933-0105)</small>		
16933-0217	EA Single Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	28.23	14.11
16933-0218	EA 2-Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	28.23	14.11
16933-0219	EA Single Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	28.23	14.11
16933-0220	EA 2-Pole, 20 Amp, 120/277 VAC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	28.23	14.11
16933-0221	EA 20 Amp, 120/277 VAC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	28.23	14.11
16933-0222	EA 120/277 VAC, HID Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	28.23	14.11
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0223	EA 120/277 VAC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	28.23	14.11
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0224	EA 120/277 VAC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	28.23	14.11
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16933-0225	Occupancy Sensor Accessories (Sensor Switch) <small>(16933-0105)</small>		
16933-0226	Remove And Reinstall Occupancy Sensors <small>(16933-0225)</small>		
16933-0227	EA Remove And Reinstall Wall Switch Mounted Occupancy Sensor	21.18	
	Note: Includes storing and cleaning.		
16933-0228	EA Remove And Reinstall Surface Mounted Occupancy Sensor	47.65	
	Note: Includes storing and cleaning.		
16933-0229	Daylighting Control (Sensor Switch) <small>(16933-0105)</small>		
16933-0230	EA Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0231	EA Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0232	EA Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0233	EA Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0272 For 480 VAC Option, Add	8.75	
	16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0234	EA Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0272 For 480 VAC Option, Add	8.75	
	16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0235	EA Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0272 For 480 VAC Option, Add	8.75	
	16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0236	EA Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	100.52	15.88
	16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
	16MOD-0277 For Dual Zone Option, Add	18.75	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
16933-0237 EA Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC).....	100.52	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0238 EA Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC).....	100.52	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0239 EA Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC).....	100.52	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0240 EA Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC).....	100.52	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0241 EA Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC).....	100.52	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0242 EA Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC).....	141.77	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0243 EA Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC).....	141.77	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0244 EA Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC).....	141.77	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0245 EA Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC).....	141.77	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0246 EA Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC).....	141.77	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	
16933-0247 EA Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC).....	141.77	15.88
16MOD-0268 For Low Temp/High Humidity Option, Add	6.25	
16MOD-0277 For Dual Zone Option, Add	18.75	

16960 Limit Switches (16900)

16960-0001 Heavy Duty Precision Oiltight <small>(16960)</small>		
16960-0002 Lever Arm, Plunger, Wobble Stick Type <small>(16960-0001)</small>		
16960-0003 EA Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated	278.25	44.38

16990 Cabinets And Associated Components (16900)

16990-0001 Consoles <small>(16990)</small>		
16990-0002 EA 20" X 24" Oil Tight Console, Counter Mounted	360.16	88.06
16990-0003 Cabinet Associated Equipment <small>(16990)</small>		
16990-0004 Legend Plates <small>(16990-0003)</small>		
16990-0005 EA 3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	10.15	3.52
16990-0006 EA 3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	11.42	3.52

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